Uploaded Date	Channel	Video URL	Video Title	Description	
2023 06 26	NASA Johnson	https://youtu.be/WEa88ZZWAEQ	CHAPEA Mission 1 Crew Ingress	Four volunteer participants enter the ground-based, simulated Mars habitat at NASA's Johnson Space Center in Houston, Texas, on June 25, 2023, to begin a 378-day mission. The mission is the first of three planned one-year Mars surface simulations, called CHAPEA (Crew Health and Performance Exploration Analog). Researchers will simulate the challenges of a human mission to Mars, including resource limitations, equipment failures, communication delays, and other environmental stressors. Learn more at www.nasa.gov/chapea.	Transcript Link
2023 06 21	NASA Johnson	https://youtu.be/kfffvezaQQI	Roscosmos Cosmonauts to Conduct Spacewalk Outside the Space Station	This computer-generated animation is a depiction of a scheduled spacewalk by Roscosmos cosmonauts Sergey Prokopyev and Dmitri Petelin outside the International Space Station to remove experiment hardware and install communications hardware. The spacewalk, scheduled for June 22nd, will be the seventh for Prokopyev and the fifth for Petelin, and the 266th spacewalk in support of station maintenance and upgrades.	Transcript Link
2023 06 15	NASA Johnson	https://youtu.be/umBk3MLmABU	Space to Ground On a Roll June 16, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2023 06 15	NASA Johnson	https://youtu.be/F96y_A3DUZY	UAE Astronaut Candidate Training Highlight Reel	UAE astronaut candidates Nora AlMatrooshi and Mohammad AlMulla of the Mohammed Bin Rashid Space Centre work to complete various training exercises. This includes wilderness survival training in Fort Novosel (formerly known as Fort Rucker) in Alabama, and suiting up at the Neutral Buoyancy Laboratory at NASA's Johnson Space Center in Houston. AlMatrooshi and AlMulla were selected in 2021 class of astronaut candidates alongside 10 of their NASA classmates. They are set to graduate in early 2024 as flight eligible astronauts. Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link
2023 06 09	NASA Johnson	https://youtu.be/lg_Fz1nPI-s	Space to Ground Looking for Answers June 9, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 06 09	NASA Johnson	https://youtu.be/VbK8GR7vWcI	NASA Extracts Oxygen From Lunar Soil Simulant	Video produced at the NASA Johnson Space Center Resources like oxygen are crucial building blocks in NASA's plans to establish a long-term presence on the lunar surface. In addition to using oxygen for breathing, it can also be used as a propellant for transportation, helping lunar visitors stay longer and venture farther. During a recent test, scientists at NASA's Johnson Space Center in Houston successfully extracted oxygen from simulated lunar soil. Lunar soil refers to the fine-grained material covering the Moon's surface. This was the first time that this extraction has been done in a vacuum environment, paving the way for astronauts to one day extract and use resources to "live off the land" in a lunar environment. https://www.nasa.gov/feature/nasa-successfully-extracts-oxygen-from-lunar-soil-simulant/ Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link

2023 06 02	NASA Johnson	https://youtu.be/4UOFD7i4Gx4	Space to Ground Storm Watch June 2, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 06 01	NASA Johnson	https://youtu.be/L1m-QF0elDs	ASTRONAUTS TO CONDUCT SPACEWALKS FOR ADDITIONAL SOLAR ARRAY INSTALLATIONS	Video produced at the NASA Johnson Space Center Expedition 69 astronauts Steve Bowen and Woody Hoburg are scheduled to conduct a pair of spacewalks June 9 and 15 to install the next pair of ISS Roll Out Solar Arrays (IROSAs) on the starboard truss of the International Space Station. The arrays will augment power capability on the station to accommodate increased commercial and scientific research on the complex.	Transcript Link
2023 05 25	NASA Johnson	https://youtu.be/sWyxXByejys	Space to Ground A Full House May 26,2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2023 05 19	NASA Johnson	https://youtu.be/S0lE1qOoObE	Space to Ground Springing Into Flight May 19, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 05 18	NASA Johnson	https://youtu.be/v7sS4vVtHpI	America's Future Commercial Space Destinations	Video produced at the NASA Johnson Space Center As NASA transitions from the space station and sets its sights on the Moon, America will maintain leadership in LEO by enabling a new generation of commercial partnerships... Through the Commercial LEO Development Program, NASA is working with industry partners to develop the first generation of commercial space destinations. This new orbital economy will allow the U.S. to maintain a continuous human presence in space, while enabling new opportunities for commercial partners – to discover scientific breakthroughs, stimulate commerce, and share the experience of spaceflight for generations to come. https://www.nasa.gov/leo-economy/low-earth-orbit-economy	Transcript Link
2023 05 12	NASA Johnson	https://youtu.be/TnkzAx-efu4	Space to Ground Dragon Shuffle May 12, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2023 05 10	NASA Johnson	https://youtu.be/h3JyyWKnHNI	Russian Spacewalk 58 Animation - May 23, 2023	Roscosmos cosmonauts Sergey Prokopyev and Dmitri Petelin conducted a spacewalk outside the International Space Station May 12 to assist in the deployment and activation of a radiator on the Nauka Multipurpose Laboratory Module that was installed in April. It was the 263rd spacewalk in support of space station assembly, maintenance and upgrades, the 6th for Prokopyev and the 4th for Petelin. Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link
2023 05 05	NASA Johnson	https://youtu.be/hoozjAACXWY	Space to Ground On The Move May 5, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link
2023 05 02	NASA Johnson	https://youtu.be/f_BVxjAEVfA	Roscosmos Cosmonauts Prepare to Conduct Spacewalk	This computer-generated animation is a depiction of a scheduled spacewalk by Roscosmos cosmonauts Sergey Prokopyev and Dmitri Petelin outside the International Space Station to assist in the movement of an experiment airlock from the Rassvet module to the Nauka Multipurpose Laboratory Module. The spacewalk, scheduled to take place on May 3rd, will be the fifth in Prokopyev's career and the third for Petelin.	Transcript Link
2023 05 02	NASA Johnson	https://youtu.be/gp_38ckItoE	Artemis II Announcement in 4k	Meet the four astronauts who will take a trip around the Moon aboard the Orion spacecraft on their approximately 10-day Artemis II mission, the first crewed flight test and a critical step toward establishing a long-term human presence on the Moon. NASA and CSA (Canadian Space Agency) will reveal the three NASA astronauts and one CSA astronaut during an event at 11 a.m. EDT (10 a.m. CDT) on Monday, April 3, from NASA Johnson Space Center's Ellington Field in Houston. This is a 4k version of the event.	Transcript Link

2023 04 28	NASA Johnson	https://youtu.be/LuPWd5jGsEM	Space to Ground Checkmate April 28, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 04 24	NASA Johnson	https://youtu.be/xuXEv4tUkXQ	ASTRONAUTS PREPARE STATION FOR SOLAR ARRAY UPGRADES	Video produced at the NASA Johnson Space Center On April 28, NASA astronaut Steve Bowen (EV1) and UAE (United Arab Emirates) astronaut Sultan Alneyadi (EV2) will conduct a spacewalk to continue installation of hardware to support future power system upgrades outside the International Space Station. This will be the 261st spacewalk in support of space station assembly, maintenance, and upgrades. It will be the eighth spacewalk for Bowen and the first for Alneyadi, also the first for any UAE astronaut. This computer-generated animation of the spacewalk is narrated by ISS Expedition 69 Spacewalk Officer Sandy Fletcher. Visit nasa.gov/live for a schedule of all upcoming events, and follow along with space station updates at blogs.nasa.gov/spacestation. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2023 04 21	NASA Johnson	https://youtu.be/UOT4VwhVukA	Earth in 4K – Space Station Expedition 67-68 Edition	The people who've been to Earth orbit for the rare opportunity to see our home planet from a whole different angle say this blue marble in space is really quite beautiful and awe-inspiring when seen from 250 miles straight up. Here's your chance to see if you agree: these ultra-high definition video scenes, captured between March 2022 and March 2023 during the International Space Station's Expeditions 67 and 68, let you imagine yourself as a station crew member with an hour off duty and nothing better to do than look out the window as the world, literally, passes by. HD Download: https://images.nasa.gov/details/jsc2023m000111_Earth_in_4K_Space_Station_Expedition_67_68_Edition Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 04 21	NASA Johnson	https://youtu.be/t0NmI0m5v1g	The Ballad of the Overview Effect Down to Earth	In preparation for Earth Day, view our beautiful planet from above, with commentary from NASA astronauts.	Transcript Link
2023 04 21	NASA Johnson	https://youtu.be/gfGTS_1bLEk	Space to Ground Making a Global Impact April 21, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2023 04 14	NASA Johnson	https://youtu.be/YSPdZX6OrL8	Space to Ground Packing Up April 14, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 04 07	NASA Johnson	https://youtu.be/tIP-gnylga0	NASA Groundlink Q&A with Crew Isolated in HERA Habitat (C6M4)	Video produced at the NASA Johnson Space Center Crew members Sandra Herrmann and Katie Koube, from HERA Campaign 6 Mission 4, answer questions from students all over the world. NASA's "Groundlink" series connects students with crew currently inside NASA's Human Exploration Research Analog, or HERA, a habitat here on Earth. Through simulation of long-term human space travel, these crew are on a mission to help scientists learn more about how isolation, confinement, and remote conditions will affect astronauts on Artemis missions to the Moon and on future missions to Mars. Similar to educational Downlinks, which connect students with astronauts aboard the International Space Station, Groundlinks give students the opportunity to ask HERA crew their questions. Through the crew's answers, students can learn more about how NASA prepares humans to live and work in space. Students can submit questions to analog crew members on HERA's website: https://www.nasa.gov/analogs/hera NASA's Human Research Program pursues methods and technologies to support safe, productive human space travel. Through science conducted in laboratories, ground-based analogs, and the International Space Station, this team scrutinizes how spaceflight affects human bodies and behaviors. Such research drives NASA's quest to innovate ways that keep astronauts healthy and mission-ready as space travel expands to the Moon, Mars, and beyond.	Transcript Link

2023 04 07	NASA Johnson	https://youtu.be/HLI-TNbyyTE	Space to Ground Before the Moon April 7, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 04 03	NASA Johnson	https://youtu.be/4HLIQWwrrzg	Victor Glover Artemis II Crew Announcement Resource Reel	Video produced at the NASA Johnson Space Center On April 3, 2023, Victor Glover was announced as the pilot for the Artemis II mission. Artemis II will be NASA's first crewed flight test of the Space Launch System rocket and Orion spacecraft around the Moon to verify today's capabilities for humans to explore deep space and pave the way for long-term exploration and science on the lunar surface. This resource reel includes interview footage and B-roll recorded in 2023, training footage, and highlights from his mission to the International Space Station in 2020 and 2021. Download available at: https://images.nasa.gov/details/jsc2023m000094-Victor_Glover_Artemis_II_Crew_Announcement_Resource_Reel	Transcript Link
2023 04 03	NASA Johnson	https://youtu.be/0vUA3XCpZIE	Christina Koch Artemis II Crew Announcement Resource Reel	On April 3, 2023, Christina Koch was announced as a mission specialist for the Artemis II mission. Artemis II will be NASA's first crewed flight test of the Space Launch System rocket and Orion spacecraft around the Moon to verify today's capabilities for humans to explore deep space and pave the way for long-term exploration and science on the lunar surface. This resource reel includes interview footage and b-roll recorded in 2023 as well as highlights from her mission to the International Space Station in 2019 and 2020. Download available at: https://images.nasa.gov/details/jsc2023m000095_Christina_Koch_Artemis_II_Crew_Announcement_Resource_Reel-social	Transcript Link

2023 04 03	NASA Johnson	https://youtu.be/ciWAQlH2nu0	Reid Wiseman Artemis II Crew Announcement Resource Reel	On April 3, 2023, Reid Wiseman was announced as the commander for the Artemis II mission. Artemis II will be NASA's first crewed flight test of the Space Launch System rocket and Orion spacecraft around the Moon to verify today's capabilities for humans to explore deep space and pave the way for long-term exploration and science on the lunar surface. This resource reel includes interview footage and B-roll recorded in 2023 as well as highlights from his mission to the International Space Station in 2014. Download available at: https://images.nasa.gov/details/jsc2023m000093_Artemis_II_Reid_Wiseman_Resource_Reel	Transcript Link
2023 04 03	NASA Johnson	https://youtu.be/7nMlsS4-Lko	Jeremy Hansen Artemis II Crew Announcement Resource Reel	On April 3, 2023, Jeremy Hansen was announced as a mission specialist for the Artemis II mission. Artemis II will be NASA's first crewed flight test of the Space Launch System rocket and Orion spacecraft around the Moon to verify today's capabilities for humans to explore deep space and pave the way for long-term exploration and science on the lunar surface. This resource reel includes interview footage and b-roll recorded in 2023, astronaut training footage, and mission support footage. Download video at images.nasa.gov: https://images.nasa.gov/details/jsc2023m000096_Jeremy%20Hansen%20Artemis%20II%20Crew%20Announcement%20Resource%20Reel_1080p	Transcript Link
2023 03 30	NASA Johnson	https://youtu.be/7wJvq_dEl4A	Space to Ground Setting the Stage March 31, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2023 03 23	NASA Johnson	https://youtu.be/RcbveeLCN7Q	Space to Ground It's All About Science March 24, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 03 17	NASA Johnson	https://youtu.be/31-TonIy88A	Space to Ground Past, Present, Future March 17, 2023	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 03 16	NASA Johnson	https://youtu.be/aLIt84-vVt4	Homecoming Down to Earth - S2 E8	Video produced at the NASA Johnson Space Center In the final episode featuring astronaut Victor Glover and his daughter, Corinne, they discuss the excitement of returning to Earth from an extended mission on the International Space Station.	Transcript Link

2023 03 09	NASA Johnson	https://youtu.be/_qY9GpPGIbs	Space to Ground Wrapping Up March 10, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 03 07	NASA Johnson	https://youtu.be/EbZF7wk4x-Q	Students from the Caribbean and Central America Speak to the International Space Station	Video produced at the NASA Johnson Space Center During this event, students from the Caribbean and Central America had the opportunity to speak with Astronaut Josh Cassada to learn about natural disaster research and monitoring, as seen from the unique perspective of the International Space Station. More than 400 questions were submitted by schools in the region. The selected questions were related to climate change and monitoring hazard events such as hurricanes, volcanic eruptions, tsunamis, and coastal erosion. Learn more about the Amateur Radio on the International Space Station (ARISS) program at https://www.ariss.org/. This event is part of the Disaster Fighters campaign, an initiative sponsored by the World Bank, GFDRR, United Nations Office for Disaster Risk Reduction, CDEMA, CEPREDENAC, PACIFICO, and NASA Disasters Program, among other organizations. The campaign and video were produced by the team at Pacifico Risk Communications: Emiliano Rodriguez Nuesch, Malena Albertoni, Alejo Santos, Nancy Núñez, Rodrigo Gonzalez Alvarado and Diego Voloschin. The contact was made possible by the IK1SLD ARISS HamTV Telebridge Ground Station located in Casale Monferrato, Italy. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link

2023 03 03	NASA Johnson	https://youtu.be/m3x_XD6WVwk	Space to Ground Night Launch March 3, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 02 24	NASA Johnson	https://youtu.be/SiE0OAFtPuw	Meet Steve Bowen, Crew-6 Commander	Video produced at the NASA Johnson Space Center The first submarine officer ever selected to be a NASA astronaut, who flew on three space shuttle missions in less than two and a half years, is the commander of NASA's SpaceX Crew-6 mission to the International Space Station. Meet Steve Bowen, a Massachusetts native and graduate of the U.S. Naval Academy, and hear him talk about his childhood and a Navy career that led to three construction trips to space (and seven spacewalks!), and his excitement about returning to the space station to take part in the science mission that is paving the way for future exploration beyond low Earth orbit. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 02 24	NASA Johnson	https://youtu.be/QzpQJnoG0cI	Meet Woody Hoburg, Crew-6 Pilot	Teen model rocket maker. Rock climber and aircraft designer. MIT student and later professor. And now, pilot of NASA's Crew-6 mission to the International Space Station. A childhood dream of flying in space is about to come true for Pennsylvania native Woody Hoburg; join him for a look at his incredible path of aeronautics and engineering and computer science and robotics – and time as an EMT with Yosemite Search and Rescue – that has brought him to a launch pad in Florida for the culmination of a dream of a lifetime. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2023 02 24	NASA Johnson	https://youtu.be/tf5X4Qp2kX4	Space to Ground 4 for 6 Feb. 24, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 02 17	NASA Johnson	https://youtu.be/eURrB55Tt_c	Space to Ground A Grip on the Future Feb. 17, 2023	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 02 15	NASA Johnson	https://youtu.be/ZE2cDHAx6fk	New Eyes Down to Earth - S2 E7	Video produced at the NASA Johnson Space Center In this episode of Down to Earth, astronaut Victor Glover sits down with his daughter, Corinne, to discuss the important lessons he took away from his time in space.	Transcript Link

2023 02 10	NASA Johnson	https://youtu.be/UeD7TW7vC5c	Space to Ground Multifaceted Module Feb. 10, 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 02 03	NASA Johnson	https://youtu.be/-MM2AAHcMsc	Space to Ground Flame On 02 03 2023	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2023 02 01	NASA Johnson	https://youtu.be/dCK_DXW3hgk	Orion spacecraft breaks records on Artemis I mission around the Moon	On Nov. 16, 2022, NASA's Orion spacecraft left Earth for a record-breaking mission – Artemis I. Over the course of 25.5 days, Orion performed two lunar flybys, coming within 80 miles of the lunar surface. At its farthest distance during the mission, Orion traveled nearly 270,000 miles from our home planet, more than 1,000 times farther than where the International Space Station orbits Earth, to intentionally stress systems before flying crew on Artemis II. During the flight test, Orion stayed in space longer than any spacecraft designed for astronauts has done without docking to a space station. While in a distant lunar orbit, Orion surpassed the record for distance traveled by a spacecraft designed to carry humans, previously set during Apollo 13. Upon re-entry, Orion performed a skip entry technique that enables the spacecraft to splashdown accurately and consistently at the selected landing site. The spacecraft endured temperatures about half as hot as the surface of the Sun at about 5,000 degrees Fahrenheit. Within about 20 minutes, Orion slowed from nearly 25,000 mph to about 16 mph for its 11 parachute-assisted splashdown on Dec. 11.	Transcript Link
2023 01 31	NASA Johnson	https://youtu.be/2WsEVnBD1C0	OKLAHOMA STUDENTS DISCUSS LIFE IN SPACE WITH SPACE STATION ASTRONAUT	Aboard the International Space Station, NASA Expedition 68 Flight Engineer Nicole Mann answered pre-recorded questions about life and work on the orbiting laboratory during an in-flight event Jan. 31 with students who are a part of the Choctaw Nation of Oklahoma. Mann is the first Native American woman to fly in space for NASA and is in the midst of a science mission living and working aboard the microgravity laboratory to advance scientific knowledge and demonstrate new technologies. Such research benefits people on Earth and lays the groundwork for future human exploration through the agency's Artemis missions, which will send astronauts to the Moon to prepare for future expeditions to Mars.	Transcript Link
2023 01 27	NASA Johnson	https://youtu.be/yJ6J_--hzGs	2022 Annual Highlights of Results from the International Space Station	For over 20 years, the International Space Station has conducted research in microgravity to develop technologies, unlock biological phenomena, and more! In 2022 the station's unique laboratory enabled measurements of the Earth's surface temperature, paved the way in experimental quantum physics, and conducted hundreds of experiments across scientific disciplines. The Annual Highlights of Results from the International Space Station publication shares some of the space station's outstanding achievements of 2022. The full publication is available for download at https://www.nasa.gov/stationresultsresourcelibrary FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Get the latest from NASA delivered every week. Subscribe here: www.nasa.gov/subscribe	Transcript Link

2023 01 27	NASA Johnson	https://youtu.be/tHCMuoZNT9s	Space to Ground Crew-6 01 27 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 01 20	NASA Johnson	https://youtu.be/q_Vzkxi49Tc	Space to Ground First Timers 01 20 2023	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 01 17	NASA Johnson	https://youtu.be/P1OuYsjEUlA	U.S. Spacewalk 84 Animation - January 20, 2023	Video produced at the NASA Johnson Space Center Expedition 68 astronauts Nicole Mann of NASA and Koichi Wakata of the Japan Aerospace Exploration Agency (JAXA) will step outside the International Space Station for a six-and-a-half hour spacewalk to conduct preparation work for upcoming solar array upgrades for the station's 1A and 1B power channels. The current solar arrays which were designed for a 15-year service life are functioning well, but have begun to show signs of degradation, as expected. The first pair of solar arrays were deployed in December 2000 and have been powering the station for more than 20 years. The new ISS Roll-Out Solar Arrays (IROSAs) will be positioned in front of six of the current arrays, increasing the station's total available power from 160 kilowatts to up to 215 kilowatts. Learn more about the research being conducted on the space station: https://www.nasa.gov/iss-science	Transcript Link

2023 01 13	NASA Johnson	https://youtu.be/NjwWBJsDOMs	Space to Ground The Work Continues 01 13 2023	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 01 06	NASA Johnson	https://youtu.be/tmyDcWE4DQg	Space to Ground New Year, New Food 01 06 2023	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2023 01 04	NASA Johnson	https://youtu.be/ebtTgwxAnZk	JETT (Joint Extravehicular Activity and Human Surface Mobility Program Test Team) Feature	Video produced at the NASA Johnson Space Center The Joint Extravehicular Activity and Human Surface Mobility Program Test Team (JETT) is a specialized group that develops, integrates, and executes tests and analog missions that enable the Artemis Campaign Development (ACD) mission. JETT3 is the final test in the JETT integrated test plan series for 2022, which is a fully integrated mission scale test to ensure successful surface operations and technology development for Artemis III. JETT is led out of NASA’s Johnson Space Center in Houston. The group is sponsored by Johnson’s Extravehicular Activity & Human Surface Mobility Program (EHP) in collaboration with the Science Mission Directorate (SMD).	Transcript Link

2022 12 28	NASA Johnson	https://youtu.be/58LtbqqUGWc	Best Space Station Science Images of 2022	The International Space Station continues its scientific journey orbiting over 200 miles above the Earth's surface. This past year, spacecraft carried crew from around the world to and from the space station, where they participated in and supported hundreds of scientific investigations and technology demonstrations. From deploying CubeSats to studying fluid dynamics in space, the orbiting lab expanded its legacy of science and discovery for the benefit of humanity. Look back at some of the best photos of breakthrough science the crew members conducted in 2022: https://go.nasa.gov/3FVGTlX _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link
2022 12 21	NASA Johnson	https://youtu.be/KDBHBTi4wJQ	Happy Holidays from the International Space Station!	NASA Astronauts Frank Rubio, Nicole Mann, Josh Cassada, and JAXA astronaut Koichi Wakata share some of their favorite holiday traditions from back home, and a few from space.	Transcript Link
2022 12 21	NASA Johnson	https://youtu.be/-ZsXNCNp-GE	JSC Year in Review 2022		Transcript Link

2022 12 20	NASA Johnson	https://youtu.be/ty-ZMomNhis	Space to Ground 2022	2022 was another transformational year on the International Space Station. We broke some records, welcomed new space travelers, and took a major step at expanding the space fleet! Thanks to everyone around the world that makes the work done on the Space Station possible. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 12 16	NASA Johnson	https://youtu.be/Kgu3KETBGHw	Space to Ground What's Past is Prologue 12 16 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 12 11	NASA Johnson	https://youtu.be/kZ20H8sHo9w	Artemis I Mission Highlights	From launch to splashdown, NASA's Orion spacecraft completed its first deep-space mission with a splashdown in the Pacific Ocean, west of Baja California, at 9:40 a.m. PST (12:40 p.m. EST) Sunday. The record-breaking Artemis mission traveled more than 1.4 million miles on a path around the Moon and returned safely to Earth. Splashdown was the final milestone of the Artemis I mission, which began with a successful liftoff of NASA's Space Launch System (SLS) rocket Nov. 16, from Launch Pad 39B at NASA's Kennedy Space Center in Florida. Over the course of 25.5 days, NASA tested Orion in the harsh environment of deep space before flying astronauts on Artemis II. During the mission, Orion performed two lunar flybys, coming within 80 miles of the lunar surface. At its farthest distance during the mission, Orion traveled nearly 270,000 miles from our home planet, more than 1,000 times farther than where the International Space Station orbits Earth, to intentionally stress systems before flying crew. Prior to entering the Earth's atmosphere, the crew module separated from its service module, which is the spacecraft's propulsive powerhouse provided by ESA (European Space Agency). During re-entry, Orion endured temperatures of about 5,000 degrees Fahrenheit, half as hot as the surface of the Sun. Within about 20 minutes, Orion slowed from nearly 25,000 mph to about 20 mph for its parachute-assisted splashdown. During the flight test, Orion stayed in space longer than any spacecraft designed for astronauts without docking to a space station. While in a distant lunar orbit, Orion surpassed the record for distance traveled by a spacecraft designed to carry humans, previously set during Apollo 13.	Transcript Link
2022 12 09	NASA Johnson	https://youtu.be/fcc7C0FPNwc	Artemis All Access – Updates on Orion's Journey in Space – 12 9 22	Artemis All Access – Episode 6 Artemis All Access is your look at the latest in Artemis I, the people and technology behind the mission, and what is coming up next. This uncrewed flight test around the Moon will pave the way for a crewed flight test and future human lunar exploration as part of Artemis. Learn more about the mission and track the Orion spacecraft's current position at www.nasa.gov/trackartemis/ and on Twitter at @NASA_Orion. Live coverage of major events will air on NASA Television, the NASA app, and the agency's website at www.nasa.gov/live Download imagery in high-resolution here: https://go.nasa.gov/3K1voda Select music courtesy of Gothic Storm Publishing Follow the mission: Blog: https://blogs.nasa.gov/artemis/ Live footage from the Orion spacecraft: https://go.nasa.gov/ArtemisLive Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link

2022 12 09	NASA Johnson	https://youtu.be/HIjS3gahze4	Parachutes Bringing Orion Home	After Orion enters the Earth's atmosphere at the conclusion of its 25.5-day mission, the spacecraft will rely on its rigorously tested parachute system to slow its speed and allow for a gentle splashdown. Koki Machin, chief engineer of Orion's parachute assembly system, describes the process and the path to certification of the system. Follow the mission: Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link
2022 12 09	NASA Johnson	https://youtu.be/oFNlkNwM3A0	Space to Ground The Power of Teamwork 12 09 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Select music courtesy of Gothic Storm Publishing	Transcript Link
2022 12 08	NASA Johnson	https://youtu.be/plhnzQ8NAso	Mission Control Houston During Artemis I Launch	Video produced at the NASA Johnson Space Center Flight controllers monitor NASA's Artemis I launch and ascent into space on Wednesday, Nov. 16, in the Christopher C. Kraft Jr. Mission Control Center at NASA's Johnson Space Center in Houston, Texas. Led by Artemis I ascent and entry flight director Judd Frieling, the team of flight controllers supported their respective console disciplines as the uncrewed Orion spacecraft lifted off at 1:47 a.m. EST atop the Space Launch System rocket from Launch Complex 39B in Florida. Follow the mission at https://blogs.nasa.gov/artemis/ and get the latest from NASA weekly at www.nasa.gov/subscribe Select music courtesy of Gothic Storm Publishing	Transcript Link

2022 12 07	NASA Johnson	https://youtu.be/3V4CGKLqZkQ	Explore the Orion Crew Capsule with Astronaut Randy Bresnik	The focus of the flight of Artemis I is to test Orion's systems ahead of crewed missions. Starting with Artemis II, human crew members will be on board. You may be thinking, "what is it like inside?" I'm glad you asked… follow along as NASA astronaut Randy Bresnik guides us through the interior of the Orion spacecraft and a close up look at elements that will support a crew on humankind's next trip to the Moon. Follow the mission: Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link
2022 12 07	NASA Johnson	https://youtu.be/bgFSLWU4gs0	Artemis All Access – Updates on Orion's Journey in Space – 12 7 22	Artemis All Access – Episode 5 Artemis All Access is your look at the latest in Artemis I, the people and technology behind the mission, and what is coming up next. This uncrewed flight test around the Moon will pave the way for a crewed flight test and future human lunar exploration as part of Artemis. Learn more about the mission and track the Orion spacecraft's current position at www.nasa.gov/trackartemis/ and on Twitter at @NASA_Orion. Live coverage of major events will air on NASA Television, the NASA app, and the agency's website at www.nasa.gov/live Download imagery in high-resolution here: https://go.nasa.gov/3K1voda Select music courtesy of Gothic Storm Publishing Follow the mission: Blog: https://blogs.nasa.gov/artemis/ Live footage from the Orion spacecraft: https://go.nasa.gov/ArtemisLive Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link
2022 12 06	NASA Johnson	https://youtu.be/RvJnTnJxwZk	Simulating a New Mission to the Moon	While designers and engineers develop new spacecraft, astronauts who will fly the missions and the specialists who support their spaceflights get themselves ready the old fashioned way: practice, practice, practice. NASA teams have used simulations to prepare for every human spaceflight America has ever flown; take a closer look at today's Mission Control Houston training team as they prepare for the Artemis flights that will return Americans to the surface of the Moon. Follow the mission: Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link

2022 12 05	NASA Johnson	https://youtu.be/e1wKVLKeel0	Flight Directors of Artemis I	Artemis I, the first flight of a human-rated spacecraft to orbit the Moon in almost 50 years, is being controlled at NASA's Johnson Space Center in Houston by specialists who have trained for years to execute this vital test flight in the Artemis program to return American astronauts to the Moon. They're doing that work under the leadership and guidance of flight directors who built the mission plan and now have the responsibility to execute that plan safely and successfully. Join Rick LaBrode and Judd Frieling for a quick explanation of the roles and the mission goals they're executing right now. Follow the mission: Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link
2022 12 02	NASA Johnson	https://youtu.be/Srbp4gAUj4Y	Astronauts Reading Fan Mail %233	It's the most wonderful time of the year — time to read our Fan Mail! 💌 Happy Holiday season from the Astronaut Corps! Enjoy the 2022 edition of astronauts reading fan mail featuring Jeanette Epps, Kayla Barron, Kjell Lindgren, Megan McArthur, Zena Cardman, Reid Wiseman, and Anil Menon.	Transcript Link
2022 12 02	NASA Johnson	https://youtu.be/n0r6oQtJJ4M	Artemis All Access – Updates on Orion's Journey in Space – 12 2 22	Artemis All Access – Episode 4 Artemis All Access is your look at the latest in Artemis I, the people and technology behind the mission, and what is coming up next. This uncrewed flight test around the Moon will pave the way for a crewed flight test and future human lunar exploration as part of Artemis. Learn more about the mission and track the Orion spacecraft's current position at www.nasa.gov/trackartemis/ and on Twitter at @NASA_Orion. Live coverage of major events will air on NASA Television, the NASA app, and the agency's website at www.nasa.gov/live Download imagery in high-resolution here: https://go.nasa.gov/3K1voda Select music courtesy of Gothic Storm Publishing Follow the mission: Blog: https://blogs.nasa.gov/artemis/ Live footage from the Orion spacecraft: https://go.nasa.gov/ArtemisLive Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link

2022 12 02	NASA Johnson	https://youtu.be/Bv3tUfCGkBE	Space to Ground Power Preparations 12 02 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 11 29	NASA Johnson	https://youtu.be/rKtfgtYaQ3M	Artemis All Access – Updates on Orion's Journey in Space – 11 29 22	Video produced at the NASA Johnson Space Center Artemis All Access – Episode 3 Artemis All Access is your look at the latest in Artemis I, the people and technology behind the mission, and what is coming up next. This uncrewed flight test around the Moon will pave the way for a crewed flight test and future human lunar exploration as part of Artemis. Learn more about the mission and track the Orion spacecraft's current position at www.nasa.gov/trackartemis/ and on Twitter at @NASA_Orion. Live coverage of major events will air on NASA Television, the NASA app, and the agency's website at www.nasa.gov/live Download imagery in high-resolution here: https://go.nasa.gov/3K1voda Select music courtesy of Gothic Storm Publishing Follow the mission: Blog: https://blogs.nasa.gov/artemis/ Live footage from the Orion spacecraft: https://go.nasa.gov/ArtemisLive Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link
2022 11 23	NASA Johnson	https://youtu.be/ERa0b7nzj-M	Russian Spacewalk 56 - Nov. 23, 2022	Outside the International Space Station, Roscosmos cosmonauts Sergey Prokopyev and Dmitri Petelin of the Expedition 68 crew conducted a spacewalk on November 25 to relocate a radiator from the Rassvet module to Nauka. It was the 256th spacewalk in support of station maintenance and upgrades, the fourth for Prokopyev and the second for Petelin. Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link

2022 11 23	NASA Johnson	https://youtu.be/-C_0ZzHheJk	Artemis All Access – Updates on Orion's Journey in Space - 11 23 2022	Artemis All Access - Episode 2 Artemis All Access is your look at the latest in Artemis I, the people and technology behind the mission, and what is coming up next. This uncrewed flight test around the Moon will pave the way for a crewed flight test and future human lunar exploration as part of Artemis. Learn more about the mission and track the Orion spacecraft's current position at www.nasa.gov/trackartemis/ and on Twitter at @NASA_Orion. Live coverage of major events will air on NASA Television, the NASA app, and the agency's website at www.nasa.gov/live Download imagery in high-resolution here: https://go.nasa.gov/3K1voda Select music courtesy of Gothic Storm Publishing Follow the mission: Blog: https://blogs.nasa.gov/artemis/ Live footage from the Orion spacecraft: https://go.nasa.gov/ArtemisLive Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link
2022 11 23	NASA Johnson	https://youtu.be/a2JKH3licUo	Space to Ground It's a Feast 11 23 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 11 22	NASA Johnson	https://youtu.be/jXLZakQWa6A	Earth Rise as Seen from Orion Spacecraft	Video produced at the NASA Johnson Space Center Nov. 21, 2022 – Earth rises from behind the Moon in this video captured by a camera on one of Orion's solar array wings. The video was taken at 8:05 a.m. EST on flight day six of the 25.5 day Artemis I mission, shortly after the outbound powered flyby and six minutes after the spacecraft regained connection with NASA's Deep Space Network.	Transcript Link

2022 11 19	NASA Johnson	https://youtu.be/ziPITyCd1yA	Fly me to the Moon	One day before the first launch attempt of Artemis I the team kicked off the countdown with a song! Members of Orion, Space Launch System, Exploration Ground Systems, ESA, NASA and our industry partners came together to celebrate our upcoming launch.	Transcript Link
2022 11 18	NASA Johnson	https://youtu.be/CA3papkjb6Y	Artemis All Access – Updates on Orion's Journey in Space - 11 18 2022	Artemis All Access - Episode 1 Artemis All Access is your look at the latest in Artemis I, the people and technology behind the mission, and what is coming up next. This uncrewed flight test around the Moon will pave the way for a crewed flight test and future human lunar exploration as part of Artemis. Learn more about the mission and track the Orion spacecraft's current position at www.nasa.gov/trackartemis/ and on Twitter at @NASA_Orion. Live coverage of major events will air on NASA Television, the NASA app, and the agency's website at www.nasa.gov/live Select music courtesy of Gothic Storm Publishing Follow the mission: Twitter: https://twitter.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis Facebook: https://www.facebook.com/NASAArtemis Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link
2022 11 18	NASA Johnson	https://youtu.be/PhvGz9KOq8I	Space to Ground Dual Excursions 11 18 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation Select music courtesy of Gothic Storm Publishing _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 11 17	NASA Johnson	https://youtu.be/Dnp-yqdUGNM	Gateway Overview Video		Transcript Link
2022 11 16	NASA Johnson	https://youtu.be/IC9Ejde89rQ	Russian Spacewalk 55 Animation - November 16, 2022	Roscosmos cosmonauts Sergey Prokopyev and Dmitri Petelin conducted a spacewalk outside the Poisk module of the International Space Station to prepare a radiator for its relocation from the Rassvet module to the Nauka Multipurpose Laboratory Module. The radiator and an associated airlock launched in 2010 on Rassvet on a space shuttle mission will continue the outfitting of the Nauka module for future use as both a research facility and a second airlock for Russian-segment based spacewalks. Voice over by Mitchell Harger, EVA Integration and Operations Lead Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link
2022 11 11	NASA Johnson	https://youtu.be/YMQUJMuh6sU	Space to Ground Spacewalk Season 11 11 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 11 04	NASA Johnson	https://youtu.be/iBgs_XLv1ng	Space to Ground Scientific Ride 11 04 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 10 28	NASA Johnson	https://youtu.be/LqmS_mYDnpM	Space to Ground Taking Stock 10 28 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 10 21	NASA Johnson	https://youtu.be/AeHvv4kCSk8	Space to Ground Flawless Splashdown 10 21 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 10 14	NASA Johnson	https://youtu.be/vnCkV-vZk3I	Space to Ground A Full House 10 14 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 10 11	NASA Johnson	https://youtu.be/I9FLyL68It0	Giant Leaps Start Here - NASA's Johnson Space Center	Video produced at the NASA Johnson Space Center The first word uttered by astronauts in space before history is made – big or small – is “Houston…” NASA’s Johnson Space Center has served as the iconic setting to some of humankind’s greatest achievements. For nearly 60 years, as part of NASA’s nationwide team, Johnson has led the world in human space exploration. Today, we push forward to the Moon. Tomorrow, we leap to greater heights and new destinations. There is history to be made. Giant Leaps Start Here!	Transcript Link
2022 10 07	NASA Johnson	https://youtu.be/56yo70bavDE	Space to Ground Einstein's Happiest Thought 10 07 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 10 05	NASA Johnson	https://youtu.be/2alomhpjEew	Meet Nicole Mann, Crew-5 Commander	A Marine combat pilot, a mechanical engineer, and a first-time space flyer – just some of the ways to describe Nicole Mann, commander of NASA's next SpaceX Crew Dragon mission to the International Space Station. Hear her describe her California childhood, her path from Naval Academy to pilot to astronaut, and how she expects this mission to contribute to the evolution of human possibilities. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 10 05	NASA Johnson	https://youtu.be/OPQOGS8XRnU	Meet Josh Cassada, Crew-5 Pilot	He's already a particle physicist and a Navy combat pilot, but this is a first for Josh Cassada: his first trip to space. The pilot on NASA's SpaceX Crew-5 mission to the International Space Station explains how his varied background led him to become an astronaut, and talks about his hopes for this mission to contribute to the next generation of exploration and science. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 09 30	NASA Johnson	https://youtu.be/X7G0BKKB12E	Space to Ground Assuming Command 09 30 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 09 29	NASA Johnson	https://youtu.be/0vU9x0QK-7s	A Phone Call to Space	Aboard the International Space Station, NASA Expedition 67 Flight Engineers Kjell Lindgren, Bob Hines and Jessica Watkins, as well as ESA (European Space Agency) Flight Engineer Samantha Cristoforetti, answered questions about life and work on the orbiting laboratory, as well as all the exciting reasons to work at NASA during an in-flight event August 22, 2022 with NASA interns calling from the Mission Control Center at NASA's Johnson Space Center in Houston. The four crew members are in the midst of a science mission living and working aboard the microgravity laboratory to advance scientific knowledge and demonstrate new technologies for future human and robotic exploration missions as part of NASA's Moon and Mars exploration approach, including lunar missions through NASA's Artemis program. Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link
2022 09 23	NASA Johnson	https://youtu.be/M4g8Cq01XbE	Space to Ground Flying Turtles 09 23 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 09 20	NASA Johnson	https://youtu.be/Etq7LodNJnM	The 60th Anniversary Commemoration of President John F. Kennedy's Speech at Rice University	Video produced at the NASA Johnson Space Center Watch the coverage of the 60th anniversary commemoration of President John F. Kennedy's speech at Rice University rallying the nation to land humans on the Moon and returning them safely to Earth.	Transcript Link

2022 09 20	NASA Johnson	https://youtu.be/mHzK41IHwr4	Leaving Home Down to Earth - S2 E6	In this episode of Down to Earth, astronaut Victor Glover sits down with his daughter to discuss what it's like to be separated from your family on a mission to the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 09 19	NASA Johnson	https://youtu.be/qLYIAWlsG7U	Astronaut Moments with NASA Astronaut Frank Rubio	NASA astronaut Frank Rubio, along with Roscosmos cosmonauts Sergey Prokopyev and Dmitri Petelin, is scheduled to launch to the space station Wednesday, Sept. 21, 2022 aboard the Soyuz MS-22 spacecraft from the Baikonur Cosmodrome in Kazakhstan. He will be a flight engineer and member of the Expedition 68 station crew. The Miami, Florida native graduated from the U.S. Military Academy and earned a doctor of medicine degree from the Uniformed Services University of the Health Sciences in Bethesda, Maryland. Prior to attending medical school, he served as a UH-60 Blackhawk helicopter pilot and flew more than 1,100 hours, including more than 600 hours of combat and imminent danger time during deployments to Bosnia, Afghanistan, and Iraq. Rubio is a board-certified family physician and flight surgeon. Find Rubio’s biography at https://www.nasa.gov/astronauts/biographies/frank-rubio/biography	Transcript Link
2022 09 16	NASA Johnson	https://youtu.be/00jNOM1Yblg	Space to Ground Windows to the World	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 09 09	NASA Johnson	https://youtu.be/7InGeGucACo	Space to Ground For the Progress of All 09 09 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 09 08	NASA Johnson	https://youtu.be/Qk27MINlDhw	Behind-the-Scenes aboard a T-38 Jet flying over Artemis I Launch Pad	Video produced at the NASA Johnson Space Center NASA photographer Josh Valcarcel took a ride with NASA Astronauts and astronaut candidates in the back seat of a T-38 jet in this behind-the-scenes view. The group was traveling to NASA's Kennedy Space Center in Florida to see the Space Launch System rocket and Orion spacecraft on Launch Complex 39B before the launch of the Artemis I mission. While Artemis I is an uncrewed flight test, its journey to the Moon and back will provide valuable data so astronauts can safely launch to the Moon aboard Artemis II.	Transcript Link
2022 09 01	NASA Johnson	https://youtu.be/y81sbuvUTaQ	Space to Ground Outfitting the Arm 09 01 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 08 26	NASA Johnson	https://youtu.be/rae5VG_ivao	Space to Ground Paving the Way 08 26 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center Select music courtesy of Gothic Storm Publishing	Transcript Link
2022 08 23	NASA Johnson	https://youtu.be/nrclYTzoARA	From Station to Artemis Enabling the Next Steps of Exploration	For over two decades, the International Space Station has enabled thousands of microgravity studies in low-Earth orbit. Many of these experiments have helped us better prepare for deep space exploration, including the Artemis I mission. By combining the findings we can get in lunar orbit and results from science conducted aboard Earth's orbiting laboratory, humanity is getting closer to Mars than ever before. Learn more at https://www.nasa.gov/iss-science.	Transcript Link
2022 08 22	NASA Johnson	https://youtu.be/st1zPqUPbzU	Back to School with NASA Astronaut Megan McArthur	Starting a new school year can be both exciting and intimidating. Megan McArthur shares how starting new school year can be just like her first time in Astronaut training. Have a mindset for success, be curious, don't be afraid to ask questions, and take NASA with you. NASA STEM Engagement. https://www.nasa.gov/stem/nextgenstem/index.html	Transcript Link

2022 08 19	NASA Johnson	https://youtu.be/JBHB7Mrvuhg	Space to Ground A Critical Steppingstone 08 19 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 08 16	NASA Johnson	https://youtu.be/OTbm3nAD3eY	Depiction of the August 17th ISS Expedition 67 Russian Spacewalk	Video produced at the NASA Johnson Space Center This computer animation is a depiction of the spacewalk that will take place outside of the International Space Station by Expedition 67 Commander Oleg Artemyev of Roscosmos and Flight Engineer Denis Matveev on Aug. 17 to continue outfitting hardware on the Nauka multipurpose laboratory module, including the installation of cameras on the European Robotic Arm elbow. Nauka and the European robotic arm launched last July from the Baikonur Cosmodrome in Kazakhstan. The spacewalk will be the 252nd spacewalk in support of space station assembly, maintenance, and upgrades, the seventh in Artemyev's career, and the third for Matveev.	Transcript Link
2022 08 12	NASA Johnson	https://youtu.be/tRtiw8Tz-Lk	Space to Ground Space Gardening 08 12 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 08 08	NASA Johnson	https://youtu.be/yQNEKTOL_oA	Earth from Space in 4K – Expedition 65 Edition	The people who get to see the Earth from space marvel at its beauty, the colors, the fragility they feel about the planet 250 miles below them. Now it's your turn: this ultra-high definition video, captured during the International Space Station's Expedition 65, allows you an extended, appreciative gawk at the home planet in all its glory. Hit play, and go into orbit mode. This footage was shot from the International Space Station between April 17, 2021 – Oct. 17, 2021. HD download: https://archive.org/details/jsc2022m000172_Earth_in_4K_Expedition_65_Edition _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 08 05	NASA Johnson	https://youtu.be/uL36x4n5wLQ	Space to Ground The Gateway Connection 08 05 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 07 29	NASA Johnson	https://youtu.be/W-N4U30kSoY	Space to Ground Decades of Results 07 29 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 07 28	NASA Johnson	https://youtu.be/7vPGdmQR944	We Belong Here	When individuals can bring their full, authentic self to the workplace, our entire NASA workforce benefits. A decade ago, we established the Out & Allied Employee Resource Group to leverage the strengths & unique experiences of the employees of the LGBTQ+ community.	Transcript Link
2022 07 26	NASA Johnson	https://youtu.be/Pme6SrG_-ZA	Gateway Buildup Animation	Animation of the assembly of Gateway elements in sequential order.	Transcript Link
2022 07 22	NASA Johnson	https://youtu.be/o5DpMYDJ22o	15 Benefits of Space Station Research	The first decade of the International Space Station was the decade of construction. The second decade moved from initial studies to fully using the capabilities of the orbiting laboratory. We have now entered the decade of results. With more than 20 years of experiments conducted on station, more breakthroughs are materializing than ever before. Explore 15 of the ways the space station is benefiting humanity:https://go.nasa.gov/3ODzYPm	Transcript Link
2022 07 22	NASA Johnson	https://youtu.be/IomdsbwYPrI	International Space Station Benefits for Humanity 2022	The 2022 edition of the International Space Station Benefits for Humanity publication is now available. This updated edition is packed with numerous benefits of the microgravity laboratory highlighting the groundbreaking discoveries helping society, technologies tested for future space exploration, new scientific breakthroughs, and contributions to the growing low-Earth orbit (LEO) economy. View the full Benefits for Humanity 2022 publication here: https://www.nasa.gov/stationbenefits	Transcript Link

2022 07 22	NASA Johnson	https://youtu.be/P0qzVV6r3sE	Space to Ground Double Dragons 07 22 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 07 15	NASA Johnson	https://youtu.be/yMqMREkFfXA	Space to Ground Something Incredible 07 15 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 07 08	NASA Johnson	https://youtu.be/f3QEex_8LZQ	Space to Ground Cargo Countdown 07 08 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 07 06	NASA Johnson	https://youtu.be/cLRaP4SVvCc	Spacesuits for Artemis Moon Dust and Mobility	Exploration is dirty work! Advanced spacesuits will protect the first woman and person of color on the Moon from the harsh lunar environment. Lunar soil isn't simple dust like what we have on Earth; it is irregular, sharp, and fine and it creates challenges for spacesuit engineers. Find out how NASA research and development are shaping spacesuits for the Artemis generation.	Transcript Link
2022 07 01	NASA Johnson	https://youtu.be/HUkP9E5-5ds	Space to Ground Halftime Report 07 01 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 06 24	NASA Johnson	https://youtu.be/1TPn-lFIYE4	A New Chapter Down to Earth - S2 E5	Video produced at the NASA Johnson Space Center In this week's episode of Down to Earth, NASA astronauts Chris Cassidy and Warren "Woody" Hoburg discuss the NASA and SpaceX Demo-2 mission, human spaceflight history, and the challenges of spacewalking. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 06 24	NASA Johnson	https://youtu.be/mscfcvIkbDk	SpaceCast Weekly - June 24, 2022	SpaceCast Weekly is a NASA Television broadcast from the Johnson Space Center in Houston featuring stories about NASA's work in human spaceflight, including the International Space Station and its crews and scientific research activities, and the development of Orion and the Space Launch System, the next generation American spacecraft being built to take humans farther into space than they've ever gone before. Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link

2022 06 24	NASA Johnson	https://youtu.be/G_FYCymbO4w	Space to Ground Wearable Wireless 06 24 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 06 22	NASA Johnson	https://youtu.be/8U2BPtYyvW8	STEMonstrations Simple Machines	Video produced at the NASA Johnson Space Center Watch NASA astronaut Shane Kimbrough as he discusses the six types of simple machines and shows simple and compound machines currently in use aboard the International Space Station. Do you think microgravity affects how simple machines are used in space? Learn how simple and compound machines play an integral role in an astronaut's mission 250 miles above Earth. Be sure to check out https://www.nasa.gov/stemonstrations for more videos like this along with their corresponding Classroom Connection lesson plans.	Transcript Link
2022 06 17	NASA Johnson	https://youtu.be/mtmsHpo-H9Q	Space to Ground One Million Hours 06 17 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 06 10	NASA Johnson	https://youtu.be/DzqFaQ8rZDE	Adapt Down to Earth - S2 E4	This week on Down to Earth: Conversations, former NASA astronaut Chris Cassidy and astronaut Warren "Woody" Hoburg explore what it's like to adapt to life on station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 06 10	NASA Johnson	https://youtu.be/OuiMC5oTY7A	Space to Ground The To-Do List 06 10 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 06 06	NASA Johnson	https://youtu.be/Or7ZiVvj2cE	Going Outside Exploring the Future	Video produced at the NASA Johnson Space Center What will it take to get humanity further into the cosmos… the suits they wear, of course! From the surface of the Moon to the Space Station, American astronauts have been suiting up to explore for over fifty years. With Mars on the horizon, the next generation of spacesuits will propel us to a new future of learning, exploration, and discovery. https://www.nasa.gov/suitup	Transcript Link

2022 06 03	NASA Johnson	https://youtu.be/_2SvDVkZDhU	Space to Ground The Study of Dust 06 03 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 06 03	NASA Johnson	https://youtu.be/Ah-jnpya4-s	Orion's Journey - Part 1 Leaving Earth	Video produced at the NASA Johnson Space Center Getting to the Moon isn't as simple as flying straight there! Learn more about how NASA's Orion spacecraft will journey to the Moon.	Transcript Link
2022 06 03	NASA Johnson	https://youtu.be/qxRwx6klbeg	Orion's Journey - Part 2 Entering Distant Retrograde Orbit (DRO)	On Artemis I, once Orion reaches the Moon, the spacecraft will travel in a distant retrograde orbit, or DRO. Learn more about Orion's special path.	Transcript Link
2022 06 03	NASA Johnson	https://youtu.be/t0XhcsWoAPM	Orion's Journey - Part 3 Returning Home	Orion will leave distant retrograde orbit, or DRO, and come back to Earth, splashing down in the Pacific Ocean. Learn more about how Orion returns home after its mission.	Transcript Link

2022 05 27	NASA Johnson	https://youtu.be/EZxmX_E2zs8	Space to Ground Starliner 05 27 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 05 23	NASA Johnson	https://youtu.be/Mn6GRKISsoE	The Miracle Planet Down to Earth - S2 E3	Video produced at the NASA Johnson Space Center In this week's episode of Down to Earth: Conversations, Suni and Adrien discuss protecting our planet's environment and give their closing thoughts on their conversation. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 05 20	NASA Johnson	https://youtu.be/Bqjoq-Jfb2c	NASA Johnson's Astromaterials Laboratory	For more than 50 years, NASA astronauts and scientists have explored the Earth and sky, searching for ways to study the elements and materials that make up the Solar System. NASA's Astromaterials Research and Exploration Science Division, or ARES is responsible to preserve lunar and other samples for current and future scientific research. The samples are protected inside secure and environmentally controlled vaults. As part of the agency's Artemis program, NASA is preparing to go back to the Moon, this time to the South Pole. Astronauts will bring back more samples for current and future generations to study.	Transcript Link

2022 05 20	NASA Johnson	https://youtu.be/xasnaNpgq04	Space to Ground Flight Test 05 20 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 05 13	NASA Johnson	https://youtu.be/WDVubcoZCP4	Space to Ground Science Season 05 13 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 05 06	NASA Johnson	https://youtu.be/7Yaiw9ISxG0	Sensory Overload Down to Earth - S2 E2	Video produced at the NASA Johnson Space Center In episode two of Down to Earth: Conversations, astronaut Sunita Williams and environmental studies student Adrien Prouty explore what it's like to conduct a spacewalk on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2022 05 06	NASA Johnson	https://youtu.be/2PADmY5Gq04	Space to Ground Place of No Return 05 06 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 05 04	NASA Johnson	https://youtu.be/Z_ndJHT4qOw	Change of Command of International Space Station Takes Place	Video produced at the NASA Johnson Space Center Aboard the International Space Station, NASA astronaut Tom Marshburn handed over command of the International Space Station to Roscosmos cosmonaut Oleg Artemyev during a change of command ceremony May 4. Farewell remarks also took place ahead of Crew-3 undocking and splashdown following their six-month mission aboard the orbital outpost. Marshburn and Artemyev are in the midst of long duration missions living and working aboard the microgravity laboratory to advance scientific knowledge and demonstrate new technologies for future human and robotic exploration missions	Transcript Link
2022 04 29	NASA Johnson	https://youtu.be/xQ7wCF582cg	Space to Ground Fantastic Four 04 29 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 04 28	NASA Johnson	https://youtu.be/6M05OWIVg4c	Expedition 67 - International Space Station Russian Spacewalk 53 - April 28, 2022	Outside the International Space Station, Expedition 67 cosmonauts Oleg Artemyev and Denis Matveev conducted their second spacewalk in as many weeks to release launch restraints on the European Robotic Arm (ERA) mounted on the Nauka Multipurpose Module. The arm, which will be used to move people and payloads around the Russian segment of the station, moved a short distance away from grapple points on Nauka, release its twin end effectors one at a time in an initial test of its mobility. It is the 250th spacewalk in support of station, assembly, maintenance and upgrades, the fifth for Artemyev and the second for Matveev. Get the latest from NASA delivered every week. Subscribe here: www.nasa.gov/subscribe	Transcript Link
2022 04 28	NASA Johnson	https://youtu.be/TImANes5Bzk	NASA's SpaceX Crew-4 Flight Day 2 Highlights	NASA’s SpaceX Crew-4 astronauts docked autonomously to the forward port of the International Space Station’s Harmony module at 7:37 p.m. EDT Wednesday, April 27. NASA astronauts Kjell Lindgren, Robert Hines, and Jessica Watkins, along with ESA (European Space Agency) astronaut Samantha Cristoforetti, arrived after a one-day journey to begin a six-month science mission on the space station. Following docking Lindgren, Hines, Watkins, and Cristoforetti joined the Expedition 67 crew of NASA astronauts Tom Marshburn, Raja Chari, Kayla Barron, and ESA astronaut Matthias Maurer, as well as Roscosmos cosmonauts Oleg Artemyev, Sergey Korsakov, and Denis Matveev.	Transcript Link
2022 04 27	NASA Johnson	https://youtu.be/S2Zt190EaNk	Meet Jessica Watkins, Crew-4 Mission Specialist	A belief that exploration expands the boundaries of who we are as people, and unites us all at the same time, is why Jessica Watkins is so excited for her first spaceflight on NASA’s SpaceX Crew-4 mission to the International Space Station. Join her for the story of how her childhood interest in being an astronaut, and finding her passion for geology in college, led her to being chosen as an astronaut and now to becoming the first Black woman to be a long-duration station crew member. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video Credits Director: Sami Aziz Producer: Gary Jordan Editor: Jason Clemons Cinematographer: Charles Clendaniel Sound Mixer: Greg Wiseman	Transcript Link

2022 04 27	NASA Johnson	https://youtu.be/DHP5CTsDk-s	Meet Bob Hines, Crew-4 Pilot	It was an innate desire to explore that led Bob Hines into the Air Force, and now has him poised for his first trip to space as the pilot on NASA's SpaceX Crew-4 mission to the International Space Station. Hear the story of his childhood in an Army family and his desire to fly, which led Hines to become a test pilot and later a research pilot for NASA before he was chosen as an astronaut, and now has him on the cusp of having a lifelong dream come true. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video Credits Director: Sami Aziz Producer: Gary Jordan Editor/Sound Mixer: Jamie Quinn Cinematographer: Charles Clendaniel	Transcript Link
2022 04 27	NASA Johnson	https://youtu.be/IJoSZPh6lqI	Meet Samantha Cristoforetti, Crew-4 Mission Specialist	From an adventurous childhood in the Italian Alps to her trailblazing role as one of the first women in the Italian air force, European Space Agency astronaut Samantha Cristoforetti has been exploring most of her life and is ready for more, as a mission specialist on NASA's SpaceX Crew-4 mission to the International Space Station. Watch and listen to her story of childhood dreams of spaceflight, and traveling the world to complete her high school and college education, led her to the military and ultimately to becoming an astronaut, and now the opportunity for a second trip to the "outpost of humanity up there in space." _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video Credits Director: Sami Aziz Producer: Gary Jordan Editor/Sound Mixer: Jamie Quinn Cinematographer: Charles Clendaniel	Transcript Link

2022 04 27	NASA Johnson	https://youtu.be/4A-Q8r3o3cI	Meet Kjell Lindgren, Crew-4 Commander	Exploration helps us “better understand who we are” and how we fit into the cosmic scheme of things – that’s why Dr. Kjell Lindgren is making his second trip to the International Space Station, this time as commander of NASA’s SpaceX Crew-4 mission. Learn about his international childhood and his Air Force career, and how his choice to study medicine led him to NASA and ultimately to becoming an astronaut. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video Credits Director: Sami Aziz Producer: Gary Jordan Editor: Jason Clemons Cinematographer: Charles Clendaniel Sound Mixer: Greg Wiseman	Transcript Link
2022 04 27	NASA Johnson	https://youtu.be/12bDSD9RWgg	NASA’s SpaceX Crew-4 Mission Overview	NASA’s SpaceX Crew-4 Mission Overview The next flight to the International Space Station is ready to launch! NASA’s SpaceX Crew-4 mission will deliver four new crewmembers to the space station and power the next increment of groundbreaking science research. Join NASA’s Kjell Lindgren, Bob Hines and Jessica Watkins, and ESA (European Space Agency) astronaut Samantha Cristoforetti, for a look into their expedition to low-Earth orbit, and share their excitement about the prospect of flying on the Dragon vehicle for the first time. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video Credits Director: Sami Aziz Producer: Gary Jordan Editor: John Streeter Cinematographer: Charles Clendaniel Sound Mixer: Greg Wiseman	Transcript Link

2022 04 25	NASA Johnson	https://youtu.be/fOOCcGQgFNs	Know Your Crew...Four!	After being together -- every day -- for many many months, preparing for a long-duration spaceflight, you'd think the astronauts of NASA's SpaceX Crew-4 mission would know one another pretty well. And you'd be right, even down to them being pretty sure who is going to tell the next bad joke! Watch as Kjell Lindgren, Bob Hines, Jessica Watkins and Samantha Cristoforetti have fun answering questions about each other, pondering the 1995 versions of themselves, great baristas in history, and the wonders of American take-out food. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link
2022 04 22	NASA Johnson	https://youtu.be/QzmshRevDAc	Changing Your Perspective Down to Earth - S2 E1	In this episode of Down to Earth, veteran astronaut Sunita 'Suni' Williams sits down with environmental studies student, Adrien Prouty, to discuss her previous missions, and what it was like to view our home planet from 250-miles up. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 04 22	NASA Johnson	https://youtu.be/R43t3c4YyMM	Space to Ground Home 04 22 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 04 18	NASA Johnson	https://youtu.be/FMz1xiGlKyI	Down to Earth - Season 2 Conversations Trailer	Don't miss Down to Earth - Season 2: Conversations, releasing this Earth Day. In the first episode, astronaut Suni Williams talks with Environmental Studies student, Adrien Prouty, about viewing our home planet from 250-miles above. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 04 18	NASA Johnson	https://youtu.be/QHDQvkSoZrs	NASA Scientists Open One of the Last Sealed Apollo 17 Moon Samples	Over the past few years, a few unopened Apollo-era lunar samples collected during Apollo 17 have been opened by a team of lunar sample processors and curators in the Astromaterials Research and Exploration Science (ARES) Division at NASA's Johnson Space Center in Houston. These types of core samples, studied under the Apollo Next Generation Sample Analysis Program, or ANGSA, allow scientists to learn more about the permanent, geological record of Earth's closest celestial neighbor – the Moon. This is Apollo 17 soil sample 73002 use advanced technologies including non-destructive 3D imagery. The sample processing team includes Charis Krysher, Andrea Mosie, Juliane Gross, Ryan Zeigler. Retired NASA astronaut, Dr. Harrison Schmitt, along with Apollo 17 Commander Gene Cernan, helped collect the original samples from the lunar surface and Schmitt lent his expertise to the modern-day analysis. As part of the agency's Artemis program, NASA is preparing to go back to the Moon, this time to the South Pole, to find more samples for current and future generations to study. https://archive.org/details/jsc2022m000097_NASA_Scientists_Open_Apollo_17_Moon_Samples	Transcript Link
2022 04 18	NASA Johnson	https://youtu.be/Enfjq-fYz_4	RUSSIAN COSMONAUTS CONDUCT SPACEWALK TO ACTIVATE NEW STATION ROBOTIC ARM	Expedition 67 cosmonauts Oleg Artemyev and Denis Matveev conducted the first in a series of spacewalks April 18 outside the International Space Station to install a control panel for a new European robotic arm attached to the Nauka Multipurpose Laboratory Module and activate the arm. The European robotic arm launched on Nauka, and will be used to move payloads and spacewalkers around the Russian segment of the complex. Get the latest from NASA delivered every week. Subscribe here: www.nasa.gov/subscribe	Transcript Link

2022 04 15	NASA Johnson	https://youtu.be/kpELc3a_ljg	STEMonstrations Area and Volume	Astronauts Megan McArthur and Aki Hoshide discuss how engineers designed the U.S. Destiny module so that every cubic inch of volume is used efficiently. Astronauts give a tour of the orbiting module aboard the International Space Station and discuss how engineers use area and volume calculations to strategically design how the space is used in microgravity. Be sure to check out https://www.nasa.gov/stemonstrations for more videos like this, along with their corresponding Classroom Connection lesson plans. Get the latest from NASA delivered every week. Subscribe here: www.nasa.gov/subscribe	Transcript Link
2022 04 15	NASA Johnson	https://youtu.be/zj0fj7L81pQ	Space to Ground A New Chapter 04 15 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link
2022 04 08	NASA Johnson	https://youtu.be/9IiWyrPygfA	Space to Ground First Time Callers 04 08 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 04 04	NASA Johnson	https://youtu.be/AwUvh9sluOA	Keeping Cool in Space	Imagine you are an Astronaut on the Moon. Your job for the next eight hours will be exploring, collecting science samples, traversing up and down lunar hills, sampling rocks, and setting up equipment as part of the Artemis program. Temperatures on the lunar surface can reach a blistering 250 degrees Fahrenheit. How does NASA keep astronauts cool in spacesuits so that they can work on the Moon? Fortunately, each spacesuit includes a personal cooling unit. As NASA embraces commercial partnerships to optimize spacesuit technology as part of the Artemis program, the Spacesuit Evaporation Rejection Flight Experiment (SERFE) payload continues to be tested onboard the International Space Station. SERFE is designed to evaluate and demonstrate active thermal control technology in the microgravity environment of the International Space Station. At NASA's Johnson Space Center in Houston, engineers have been performing the exact same test on the ground on an identical SERFE unit.	Transcript Link
2022 04 01	NASA Johnson	https://youtu.be/8M4KrYptqcM	Space to Ground Back to the World 04 01 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. We invite you to view "Mark Vande Hei: Breaking Records for Science": https://www.youtube.com/watch?v=z3DqAxELz0g Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 03 31	NASA Johnson	https://youtu.be/V7MbVLYYKTA	NASA Astronaut Mark Vande Hei Arrives in Houston	After a record-setting 355-day mission to the International Space Station, NASA astronaut Mark Vande Hei arrives to Ellington Field in Houston on Thursday, March 31 following his return to Earth on Wednesday, March 30. Vande Hei now holds the record for the longest single spaceflight by an American. His extended mission will provide researchers the opportunity to observe the effects of long-duration spaceflight on humans as the agency plans to return to the Moon under the Artemis program and prepare for exploration of Mars.	Transcript Link

2022 03 30	NASA Johnson	https://youtu.be/C2jbAjcMLxE	Doing Bigger and Better Things All the Time	There's a new American record-holder for longest single spaceflight: NASA astronaut Mark Vande Hei is back on Earth after 355 consecutive days off of the planet. Although pleased with the achievement, Vande Hei expects someone will break his record soon as America tackles new frontiers in space exploration. Take a look at some of the highlights of Vande Hei's almost-a-year in space on his second mission to the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 03 25	NASA Johnson	https://youtu.be/z3DqAxELz0g	Mark Vande Hei Breaking Records for Science	NASA astronaut Mark Vande Hei is returning to Earth after living in space for 355 days, the record for the longest single spaceflight by a NASA astronaut. This extended mission aboard the International Space Station provides researchers an opportunity to observe effects of long-duration spaceflight on the human body as the agency makes plans to return to the Moon under the Artemis program and prepare for human exploration at Mars. During his record-setting mission, Vande Hei spent many hours on scientific activities aboard the space station, conducting everything from plant research to physical sciences studies. Learn more about the research being conducted on the space station: https://www.nasa.gov/iss-science	Transcript Link
2022 03 25	NASA Johnson	https://youtu.be/6OiQGPe4Jy4	Space to Ground Preserving for Posterity 03 25 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 03 18	NASA Johnson	https://youtu.be/CrvvmLAi31w	Space to Ground Taking Another Step 03 18 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 03 15	NASA Johnson	https://youtu.be/u3IDh4LSGAM	NASA ASTRONAUT ANSWERS SOCIAL MEDIA QUESTIONS ABOUT RECORD BREAKING SPACEFLIGHT	Video produced at the NASA Johnson Space Center Aboard the International Space Station, NASA Expedition 66 Flight Engineer Mark Vande Hei answered social media questions on March 10 and reflected on his record-breaking spaceflight. When Vande Hei returns to Earth on March 30 he will have spent a total of 355 days in space, the longest single spaceflight by an American astronaut. Vande Hei is living and working aboard the microgravity laboratory to advance scientific knowledge and demonstrate new technologies for future human and robotic exploration missions as part of NASA's Moon and Mars exploration approach, including lunar missions through NASA's Artemis program. Get the latest from NASA delivered every week. Subscribe here: www.nasa.gov/subscribe	Transcript Link
2022 03 14	NASA Johnson	https://youtu.be/XUis8QWRexw	U.S. Spacewalk 79 Animation - March 14, 2022	Expedition 66 NASA astronauts Kayla Barron and Raja Chari will step outside the International Space Station for a six-and-a-half hour spacewalk to conduct preparation work for upcoming solar array upgrades for the station's 3A power channel. The current solar arrays which were designed for a 15-year service life are functioning well, but have begun to show signs of degradation, as expected. The first pair of solar arrays were deployed in December 2000 and have been powering the station for more than 20 years. The new ISS Roll-Out Solar Arrays (IROSAs) will be positioned in front of six of the current arrays, increasing the station's total available power from 160 kilowatts to up to 215 kilowatts. Installation of the first two solar array upgrades were completed during spacewalks on June 20, 2021 and June 25, 2021.	Transcript Link

2022 03 14	NASA Johnson	https://youtu.be/2qY9i7P06vs	U.S. Spacewalk 80 Animation - March 14, 2022	On March 23, two Expedition 66 astronauts will step outside the International Space Station for a planned six-and-a-half hour spacewalk to replace hoses and other hardware for one of the radiator beam calve modules on the complex and to conduct other upgrades to station hardware.	Transcript Link
2022 03 11	NASA Johnson	https://youtu.be/6dBq_Xa7tPQ	Space to Ground Monitoring Earth's Water 03 11 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link
2022 03 04	NASA Johnson	https://youtu.be/idYLk-ggv9Y	Space to Ground Spanning the Globe 03 04 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 02 25	NASA Johnson	https://youtu.be/eh5yIeIfauQ	Space to Ground Shipping and Receiving 02 25 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 02 20	NASA Johnson	https://youtu.be/9Ar0y6tIx74	The Day John Glenn Made American History 60th Anniversary	Video produced at the NASA Johnson Space Center Where were you in ’62? On Feb. 20 of that year, U.S. Marine Lt. Col. John Glenn became the first American to orbit the Earth, piloting Friendship 7 three times around the world in less than five hours and opening a new frontier. On its 60th anniversary, share the images of the day that the United States took another giant step forward in human space exploration, a day that became a building block for all that was still to come: Apollo on the Moon, the space shuttle and the International Space Station, and the missions of Artemis that are just over the horizon. Get the latest from NASA weekly: www.nasa.gov/subscribe HD: https://archive.org/details/jsc2022m000069_TSP_Friendship_7_60th_Anniversary-1080 _____ FOLLOW THE JOHNSON SPACE CENTER! Twitter: https://twitter.com/NASA_Johnson Facebook: https://www.facebook.com/NASAJSC Instagram: https://www.instagram.com/nasajohnson	Transcript Link

2022 02 18	NASA Johnson	https://youtu.be/Q0CQoqZM4cU	STEMonstrations Vestibular System	NASA Astronauts Mark Vande Hei and Shane Kimbrough demonstrate the effects of the weightless-simulated environment on their perception of motion, spatial orientation, and balance aboard the International Space Station. Watch as NASA astronaut Megan McArthur and JAXA astronaut Aki Hoshide discuss the vestibular system and learn how the human body relies on external cues to provide us with important information about our environment. Be sure to check out https://www.nasa.gov/stemonstrations for more videos like this, along with their corresponding Classroom Connection lesson plans. Get the latest from NASA delivered every week. Subscribe here: www.nasa.gov/subscribe _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 02 18	NASA Johnson	https://youtu.be/Y9z42yYuexM	Space to Ground Targeting Cancer Cells 02 18 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link
2022 02 11	NASA Johnson	https://youtu.be/WoJEWoBEfQs	Space to Ground Awaiting New Arrivals 02 11 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 02 10	NASA Johnson	https://youtu.be/kwl9qAfGHwU	STEMonstrations Centripetal Force	NASA Astronaut Shane Kimbrough discusses centripetal force and its connection to keeping the International Space Station safely orbiting Earth. Watch JAXA astronaut Aki Hoshide demonstrate centripetal force in the weightless-simulated environment aboard the space station and find out what happens to a revolving object when the centripetal force is lost. Be sure to check out https://www.nasa.gov/stemonstrations for more videos like this, along with their corresponding classroom connection lesson plans. Get the latest from NASA delivered every week. Subscribe here: www.nasa.gov/subscribe	Transcript Link
2022 02 04	NASA Johnson	https://youtu.be/FdpK1gdkC-U	Space to Ground Flying Robots in Space 02 04 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 02 01	NASA Johnson	https://youtu.be/dQLFYgCEVJA	Meet Matthias Maurer, Crew-3 Mission Specialist	Video produced at the NASA Johnson Space Center Can a materials scientist and former paramedic find a place in space? ESA (European Space Agency) astronaut Matthias Maurer is doing just that, right now, on the International Space Station. The native of Sankt Wendel in Germany didn't give up on his dream of being an astronaut when he missed the first cut, and is making the most of his selection by ESA to focus on materials science research in microgravity. Maurer and his crewmates launched on a SpaceX Crew Dragon Nov. 10, 2021 for a six-month-long mission in space. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2022 02 01	NASA Johnson	https://youtu.be/svXtXWC-XIo	Meet Tom Marshburn, Crew-3 Pilot	Very few astronauts can boast of having launched to space on three different vehicles, but NASA's Tom Marshburn is one of them! The former flight surgeon, a veteran of rides to the International Space Station on a space shuttle and a Soyuz spacecraft, talks about the stops in his varied career and why each trip to space is special. Marshburn and his crewmates on the SpaceX Crew Dragon launched on Nov. 10. 2021 for a roughly six-month-long mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 02 01	NASA Johnson	https://youtu.be/QoXhSsFrOhM	Meet Kayla Barron, Crew-3 Mission Specialist	One NASA astronaut is learning first-hand if serving on a submarine was good preparation for a trip to space. NASA's Kayla Barron had three submarine patrol missions in the Navy, and now she's put that background to use as a flight engineer on the International Space Station. The Naval Academy graduate from Richland, Washington launched on her first space mission on Nov. 10, 2021, and has completed one spacewalk so far on a planned six-month-long mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 02 01	NASA Johnson	https://youtu.be/6kTRp-HFFdk	Meet Raja Chari, Crew-3 Commander	It's not every day that an astronaut commands a new spacecraft on his first-ever spaceflight, but NASA's Raja Chari showed he was the man for the job. Watch as Chari tells his own story of an Iowa childhood and Air Force career that led him to become an astronaut who led a multi-national crew on the third SpaceX Crew Dragon mission to the International Space Station. Chari and his crewmates launched Nov. 10, 2021 for a roughly six-month-long mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2022 01 28	NASA Johnson	https://youtu.be/R5R9XUGMnxw	A Conversation Between Tom Cruise and Victor Glover About the Body in Space	When a Hollywood star needs to know how being in weightlessness really effects the human body, who does he ask? If it's Tom Cruise doing the asking, the answer is NASA astronaut Victor Glover, recently returned from a long-duration mission to the International Space Station. In this rebroadcast of a November 2021 conversation during the World Extreme Medicine conference, the two get into the details of how people in space adapt to microgravity in both daily activities and dynamic events, as well as their shared interest in fast planes and cool movies (starring guess who!) _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 01 28	NASA Johnson	https://youtu.be/OCly6CbZD08	Space to Ground Next Day Delivery 01 28 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 01 21	NASA Johnson	https://youtu.be/tsFyTDnQKB0	Space to Ground Outfitting Prichal 01 21 2022	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2022 01 18	NASA Johnson	https://youtu.be/bT0FNOeVaxk	COSMONAUTS CONDUCT RUSSIAN SPACEWALK OUTSIDE SPACE STATION	Outside the International Space Station, Expedition 66 Commander Anton Shkaplerov and Flight Engineer Pyotr Dubrov of Roscosmos conducted a spacewalk on Jan. 19 to outfit the Prichal node module for the future arrival of Russian visiting vehicles. Prichal launched in November from the Baikonur Cosmodrome in Kazakhstan. It was the 246th spacewalk in support of space station assembly, maintenance and upgrades, the third in Shkaplerov's career and the fourth for Dubrov. Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link
2022 01 14	NASA Johnson	https://youtu.be/YfejrE6-np8	Space to Ground Spacewalks and Research 01 14 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2022 01 10	NASA Johnson	https://youtu.be/RWCTRPkdZEw	NASA Astronauts	Video produced at the NASA Johnson Space Center For more than 60 years, NASA's astronauts have continued to inspire the world with their selfless pursuit of exploration and discovery. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link

2022 01 07	NASA Johnson	https://youtu.be/GsFA1H1SF_U	Space to Ground More to Come 01 07 2022	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 12 29	NASA Johnson	https://youtu.be/wENI1nQbAnE	JSC Year in Review 2021	Video produced at the NASA Johnson Space Center As we wrap up the year, celebrate the achievements of NASA's Johnson Space Center in 2021! Get a behind-the-scenes look at astronaut training and Mission Control. Journey to the International Space Station and see science in microgravity and breathtaking spacewalks. Get a glimpse of the future with the Orion crew vehicle and much more. Discover how JSC really is the home of human spaceflight.	Transcript Link
2021 12 23	NASA Johnson	https://youtu.be/TV45KMXbCNw	Space to Ground The Space Station in 2021 12 23 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 12 22	NASA Johnson	https://youtu.be/b0CFG9WGDLs	Best Space Station Science Pictures of 2021	It has been a busy year of research aboard the International Space Station. NASA's SpaceX Crew-1, Crew-2, and Crew-3 missions supported hundreds of science experiments aboard the orbiting laboratory. Multiple Soyuz spacecrafts carried astronauts to and from station. An upgraded cargo Dragon spacecraft returned time sensitive research to scientists on the ground. Astronauts and cosmonauts conducted 13 spacewalks, and their work included installing new solar panels to augment and upgrade the station's power supply. Chiles and lettuce were harvested as a part of plant research preparing us for deep space missions, and technologies were tested for the upcoming Artemis missions to the Moon. Look at some of the best photos of breakthrough investigations crew members worked on in 2021: https://go.nasa.gov/30Iy8d8 Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link
2021 12 22	NASA Johnson	https://youtu.be/kRPyou5O4IM	2021 International Space Station Year In Review - December 22, 2021	A review of missions, residents, and science on board the International Space Station in 2021. Get the latest from NASA weekly: www.nasa.gov/subscribe	Transcript Link
2021 12 20	NASA Johnson	https://youtu.be/i7eBzmux0A8	ASTRONAUTS DISCUSS CHRISTMAS AND NEW YEAR'S FROM ORBIT ABOARD SPACE STATION	Aboard the International Space Station, Expedition 66 Flight Engineers Mark Vande Hei, Raja Chari, Tom Marshburn, and Kayla Barron of NASA and ESA (European Space Agency) Flight Engineer Matthias Maurer shared their thoughts about spending the holiday season in orbit and the traditions they look forward to during a downlink recorded Dec.15. Vande Hei is in the midst of a year-long mission on the station, while Chari, Marshburn, Barron and Maurer arrived on the complex Nov. 11 for a planned six-month mission living and working aboard the microgravity laboratory to advance scientific knowledge and demonstrate new technologies for future human and robotic exploration missions as part of NASA's Moon and Mars exploration approach, including lunar missions through NASA's Artemis program.	Transcript Link

2021 12 17	NASA Johnson	https://youtu.be/t2sNjgehz2Q	Space to Ground Dreams of New Science 12 17 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 12 10	NASA Johnson	https://youtu.be/LnBSCWhlnnU	SpaceCast Weekly - December 10, 2021	Video produced at the NASA Johnson Space Center SpaceCast Weekly is a NASA Television broadcast from the Johnson Space Center in Houston featuring stories about NASA's work in human spaceflight, including the International Space Station and its crews and scientific research activities, and the development of Orion and the Space Launch System, the next generation American spacecraft being built to take humans farther into space than they've ever gone before. Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link
2021 12 10	NASA Johnson	https://youtu.be/HM9441PtuCU	Space to Ground December Arrivals 12 10 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 12 09	NASA Johnson	https://youtu.be/ydEeVG5s9oo	NASA Remembers Former Johnson Space Center Director Mark Geyer	NASA remembers Mark Geyer, senior advisor to NASA's associate administrator Bob Cabana and former NASA Johnson Space Center director, who died Tuesday, Dec. 7, in Houston, after a battle with pancreatic cancer. The Indianapolis native was 63. Geyer served as the leader of NASA Johnson in Houston, the hub of human spaceflight activity, during a critical period of transition as more human space flight programs were led from Houston during his tenure than ever in history, helping NASA return launch capability to American soil. JSC contact: Isidro Reyna, 281-483-5111 HQ Contact: Cheryl Warner, 202-358-1600	Transcript Link
2021 12 06	NASA Johnson	https://youtu.be/42S-xwWmMi0	NASA Astronaut Candidate Class of 2021	NASA announced its 2021 astronaut candidate class on Dec. 6, 2021. The 10 candidates, announced in an event at Ellington Field near NASA's Johnson Space Center in Houston are: U.S. Air Force Maj. Nichole Ayers, Christopher Williams, U.S. Marine Corp Maj. (Ret.) Luke Delaney, U.S. Navy Lt. Cmdr. Jessica Wittner, U.S. Air Force Lt. Col. Anil Menon, U.S. Air Force Maj. Marcos Berríos, U.S. Navy Cmdr. Jack Hathaway, Christina Birch, U.S. Navy Lt. Deniz Burnham, and Andre Douglas. NASA's new astronaut candidates will begin about two years of training in January 2022, after which they could be assigned to missions performing research on the International Space Station, launching from American soil on spacecraft built by commercial companies, and launching on Artemis missions to the Moon on NASA's new Orion spacecraft and Space Launch System rocket.	Transcript Link
2021 12 03	NASA Johnson	https://youtu.be/6hJuGIrncbo	Space to Ground Home Improvement 12 03 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link

2021 11 26	NASA Johnson	https://youtu.be/g2HdS3y1eQg	Space to Ground Giving Thanks 11 26 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link
2021 11 22	NASA Johnson	https://youtu.be/wIHZ_Vc75Hw	STEMonstrations Moment of Inertia	NASA Astronauts Megan McArthur and Shane Kimbrough discuss moment of inertia and its effects on rotating objects. Watch as Megan demonstrates what happens to her angular speed as she alters her moment of inertia in microgravity aboard the International Space Station. Be sure to check out http://www.nasa.gov/stemonstrations for more videos like this, along with their corresponding classroom connection lesson plans. Get the latest from NASA delivered every week. Subscribe here: www.nasa.gov/subscribe _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2021 11 22	NASA Johnson	https://youtu.be/9K66Nb8Jw9Q	Thanksgiving Message from the International Space Station	Aboard the International Space Station, NASA astronauts Mark Vande Hei, Raja Chari, Tom Marshburn and Kayla Barron and ESA (European Space Agency) astronaut Matthias Maurer shared their thoughts about spending Thanksgiving in orbit and the foods they plan to enjoy. Vande Hei is in the midst of a year-long mission, while Chari, Marshburn, Barron and Maurer arrived on the space station Nov. 11 for a planned six-month mission. Together, they're living and working aboard the microgravity laboratory to advance scientific knowledge and demonstrate new technologies for future human spaceflight missions HD Download: https://archive.org/details/jsc2021m000267_Thanksgiving_Message_from_ISS _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Join NASA as we go forward to the Moon and on to Mars -- discover the latest on Earth, the Solar System and beyond with a weekly update in your inbox. Subscribe at: www.nasa.gov/subscribe	Transcript Link
2021 11 19	NASA Johnson	https://youtu.be/fo7DWYb0WkM	Space to Ground Lab at Work 11 19 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link

2021 11 12	NASA Johnson	https://youtu.be/aKtJBGgcPzY	Space to Ground A Science Exchange In Orbit 11 12 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link
2021 11 05	NASA Johnson	https://youtu.be/CTQHomj68lg	JSC's 60th Anniversary How Johnson Space Center's History is Propelling Us to the Moon and Mars	Join panelists from JSC's History Office, the International Space Station Program, the Orion Program, the Gateway Program and the Low Earth Orbit Commercialization Office as they discuss how their programs are benefitting from JSC's rich history in human spaceflight.	Transcript Link

2021 11 05	NASA Johnson	https://youtu.be/4N3XUaXVpT8	Space to Ground A Spice of Life 11 05 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link
2021 11 03	NASA Johnson	https://youtu.be/luV3ktEoi7c	Crew-3 Mission Overview	A new set of astronauts is ready to ride a commercial spacecraft to the International Space Station. NASA astronauts Raja Chari, Tom Marshburn and Kayla Barron, and Matthias Maurer of ESA (European Space Agency), are poised to launch on the Crew-3 mission for a six-month expedition. Listen as the crewmembers describe their plans for science research and advancements in the commercial use of space, while contributing to preparations for humans to explore the Moon in a few years, all with an eye to go on to Mars.	Transcript Link

2021 10 29	NASA Johnson	https://youtu.be/xN_XQ9lCZzg	Space to Ground A Halloween Space Ride 10 29 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link
2021 10 26	NASA Johnson	https://youtu.be/6J2tTm2pi2Y	Quick Questions with Crew-3	Astronauts are public figures and much of their history is well known, but not all of it. We “grilled” the astronauts flying to the International Space Station on NASA’s SpaceX Crew-3 mission – Raja Chari, Tom Marshburn, Kayla Barron, and Matthias Maurer – with a dizzying series of rapid-fire questions to discover the truth about their favorite foods, guilty pleasures, and what these explorers would do with a free day on the Moon. Be on the lookout for the one thing that all four of them unanimously agree on! HD Download: https://archive.org/details/jsc2021m000227_Quick_Questions_with_Crew-3 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2021 10 25	NASA Johnson	https://youtu.be/I4EoDfYbAkc	Know Your Crew...Three!	The astronauts flying on NASA's SpaceX Crew-3 mission have been working together for months and months now to prepare for their launch, and then six months together on the International Space Station. You'd think they've gotten to know each other pretty well by now. Watch as Raja Chari, Tom Marshburn, Kayla Barron, and Matthias Maurer declare who on the crew is the funniest, who has an annoying habit, and who is the clear front-runner to beat the others in a race. Also, which crew member is the most perspicacious and what type of "smorgasbord" are they planning? Let's find out! HD Download: https://archive.org/details/jsc2021m000226_Know_Your_Crew_Three _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 10 22	NASA Johnson	https://youtu.be/LvPqAxt_0gU	Space to Ground Pepper Countdown 10 22 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link
2021 10 15	NASA Johnson	https://youtu.be/4tcENPqcnF4	Space to Ground Arrivals and Departures 10 15 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 10 08	NASA Johnson	https://youtu.be/URigIZUVIpo	SpaceCast Weekly October 8, 2021	SpaceCast Weekly is a NASA Television broadcast from the Johnson Space Center in Houston featuring stories about NASA’s work in human spaceflight, including the International Space Station and its crews and scientific research activities, and the development of Orion and the Space Launch System, the next generation American spacecraft being built to take humans farther into space than they’ve ever gone before.	Transcript Link
2021 10 08	NASA Johnson	https://youtu.be/JdnD0vOCYEM	Space to Ground Lights, Camera, Liftoff! 10 08 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 10 04	NASA Johnson	https://youtu.be/_SNCetZitZE	S.U.I.T.S. (Spacesuit User Interface Technologies for Students) Video Feature	Video produced at the NASA Johnson Space Center Learn how engineers at NASA’s Johnson Space Center partner with college students from across the country to develop next generation technology. NASA Spacesuit User Interface Technologies for Students (SUITS) challenges students to develop cutting edge display and control solutions within augmented reality environments for use on the lunar surface. SUITS is one way the Artemis generation is contributing to space exploration. Check out stem.nasa.gov/artemis to learn more about the Artemis Student Challenges. jsc2021m000206	Transcript Link

2021 10 01	NASA Johnson	https://youtu.be/u1I4twX4ao4	Space to Ground A Short Trip 10 01 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 09 30	NASA Johnson	https://youtu.be/6m5G6YlTiHE	STEMonstration Five Senses	Video produced at the NASA Johnson Space Center NASA Astronaut Shane Kimbrough talks about the five senses – sight, taste, smell, hearing and touch from aboard the International Space Station. Watch as Shane describe how astronauts use each of their five senses and learn how these senses adapt to life in microgravity. Learn how your own senses provide you with important information and keep you safe in your environment - whether in outer space or on Earth! Be sure to check out https://www.nasa.gov/stemonstrations for more videos like this, along with their corresponding Classroom Connection lesson plans.	Transcript Link
2021 09 24	NASA Johnson	https://youtu.be/-OgOp1wV2w8	Space to Ground Interactive Investigations 09 24 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 09 17	NASA Johnson	https://youtu.be/-A66yWWGkQk	Space to Ground Space Construction 09 17 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 09 14	NASA Johnson	https://youtu.be/vsAAOuF2670	NASA Astronaut Mark Vande Hei on setting the record for longest single spaceflight for an American	Video produced at the NASA Johnson Space Center With the plans for Russian spaceflight participants to visit the International Space Station as part of the MS-19 Soyuz crew in October 2021, NASA astronaut Mark Vande Hei and Roscosmos cosmonaut Pyotr Dubrov will remain aboard the station until March 2022. Upon return to Earth, Mark Vande Hei will hold the record for longest single spaceflight for an American. Vande Hei talked about his mission extension and impending spaceflight record during an interview from the International Space Station. A potential benefit to this extension is NASA gaining deeper insight into how the human body adapts to life in microgravity for longer periods of time. This research helps prepare for Artemis missions to the Moon and eventually long-duration missions to Mars, as well as provides critical opportunities for additional research to be conducted aboard the station that can benefit life on Earth.	Transcript Link
2021 09 10	NASA Johnson	https://youtu.be/YC6R9rY7WpI	Space to Ground September Spacewalks 09 10 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 09 03	NASA Johnson	https://youtu.be/VbmYaxQ-NMw	Space to Ground Ferocious Storm 09 03 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 08 27	NASA Johnson	https://youtu.be/uM6fb8yE7LE	Space to Ground Inside Arm 08 27 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 08 20	NASA Johnson	https://youtu.be/ZC4hpgNoumQ	Houston We Have a Podcast Artemis Flight Directors	NASA is getting closer to the first flight of the Orion spacecraft atop the Space Launch System rocket as part of the Artemis program. The mission, called Artemis I, will be an uncrewed test flight to the Moon to set the stage for the first one to carry astronauts. In this special video version of “Houston, We Have a Podcast,” NASA Public Affairs Officer Gary Jordan walks through the details of Artemis I with the lead flight director, Rick LaBrode, and the ascent and entry flight director, Judd Frieling, about this crucial step to putting the boots of the first woman and the first person of color on the Moon. HD Download: https://archive.org/details/jsc2021m000179_Houston_We_Have_a_Podcast-Artemis_Flight_Directors-MXF _____ FOLLOW ARTEMIS! Twitter: https://twitter.com/NASAArtemis Facebook: https://www.facebook.com/NASAArtemis Instagram: https://www.instagram.com/nasaartemis/	Transcript Link
2021 08 20	NASA Johnson	https://youtu.be/aQTdIrbbrHQ	Space to Ground Investigating Muscle Loss 08 20 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 08 19	NASA Johnson	https://youtu.be/gRLH-XWfq1o	Gateway Introduction	Video produced at the NASA Johnson Space Center Welcome to the Gateway, a home away from home for #Artemis astronauts. The Gateway will serve as a multi-purpose outpost orbiting the Moon that provides essential support for long-term human return to the lunar surface. Astronaut Randy Bresnik shares more on how NASA is working with commercial and international partners to establish the Gateway, a vital component of NASA’s Artemis program.	Transcript Link

2021 08 13	NASA Johnson	https://youtu.be/hY-Dn4y0ewo	Space to Ground Honoring Ellison 08 13 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 08 06	NASA Johnson	https://youtu.be/jk0FnklIsU8	Space to Ground Around the Bend 08 06 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 07 30	NASA Johnson	https://youtu.be/jGfGLvwiWmU	Space to Ground Rosie the Rocketeer 07 30 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 07 23	NASA Johnson	https://youtu.be/QObPAufIJwQ	NASA SUITS (Spacesuit User Interface Technologies for Students)	NASA SUITS (Spacesuit User Interface Technologies for Students) challenges higher education students to design and create spacesuit information displays within augmented reality (AR) environments. Join and contribute to the Artemis Mission to the Moon. For more information, look for SUITS at this website: http://stem.nasa.gov/artemis	Transcript Link
2021 07 23	NASA Johnson	https://youtu.be/4q8yN1bSsr8	Space to Ground Cool Flames 07 23 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 07 20	NASA Johnson	https://youtu.be/ChtE0EW6MlY	Celebrating 20 Years of International Space Station Spacewalks	Video produced at the NASA Johnson Space Center On July 20, 2001, two NASA astronauts took the first “steps” out of the International Space Station’s Quest airlock, marking the start of two decades of successful spacewalks in support of station assembly, maintenance, and upgrades enabling all of the life and work onboard to take place. On the same date 32 years before this milestone spacewalk outside the space station, two Apollo astronauts were taking historic steps of their own on the lunar surface for the first time. Astronaut Mike Gernhardt tells us what it was like to follow in such momentous footsteps and how crucial innovations, like the airlock and many others, are to the future of human exploration near and far.	Transcript Link

2021 07 16	NASA Johnson	https://youtu.be/a4YPLFJCh1U	Space to Ground Water Bears in Space 07 16 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 07 09	NASA Johnson	https://youtu.be/WKLkbtal_kw	Space to Ground Healthy Eating 07 09 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 07 02	NASA Johnson	https://youtu.be/wRP0D3zV0MQ	Space to Ground At the Midpoint 07 02 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 06 25	NASA Johnson	https://youtu.be/dmPebTPP1X8	Space to Ground Power Installation 06 25 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 06 22	NASA Johnson	https://youtu.be/25DlQOwWhk0	Artemis Inside the Latest Achievements - Episode 28	Video produced at the NASA Johnson Space Center NASA's Artemis program is making incredible progress on its mission to land the first woman and person of color on the lunar surface. Recent work included the lift and transfer of the Orion spacecraft, the second Green Run core stage test at Stennis Space Center, MS, and the shipment, arrival, and transfer of the Space Launch System rocket core stage to the Vehicle Assembly Building at Kennedy Space Center FL. NASA’s Artemis program will lead humanity forward to the Moon and prepare us for the next giant leap, the exploration of Mars.	Transcript Link
2021 06 18	NASA Johnson	https://youtu.be/bc3_IC_5P_I	Houston We Have a Podcast Liftoff Live	200 episodes! The official podcast of NASA’s Johnson Space Center hits a milestone, and celebrates with a special episode on video. Host Gary Jordan and Dan Huot, both public affairs officers at JSC, reminisce about sharing the desk for Episode 1 and focus on the improvements in the way NASA is now sharing the details of human spaceflight missions launched from the USA on commercial spacecraft. Includes viewer questions and polls from the Facebook Live broadcast on June 8, 2021. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2021 06 18	NASA Johnson	https://youtu.be/pKAlwrvC44w	Space to Ground iROSA Spacewalk 06 18 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 06 14	NASA Johnson	https://youtu.be/GSzG_zbrOMk	Expedition 65 Shane Kimbrough Discusses IROSAs Spacewalk - June 14, 2021	Video produced at the NASA Johnson Space Center SPACE STATION CREW MEMBER DISCUSSES SPACEWALK TO UPGRADE STATION POWER Aboard the International Space Station, Expedition 65 Flight Engineer Shane Kimbrough of NASA discussed a pair of spacewalks he and crewmate Thomas Pesquet of ESA (European Space Agency) are scheduled to make June 16 and 20 to begin the installation of new ISS roll-up solar arrays (IROSAs) that will augment the power supply of the orbital outpost for the remainder of its lifetime. The first array of this initial pair of power generators, launched on the SpaceX Cargo Dragon flight two weeks ago, will be installed on the first of two spacewalks by Kimbrough and Pesquet on the far port truss of the station (P6 truss) to upgrade the power output for the station's 2B power channel. A second spacewalk by Kimbrough and Pesquet will install the second roll-up array on the P6 truss for the 4B power channel. Four more arrays will be installed next year to complete the upgrades	Transcript Link

2021 06 11	NASA Johnson	https://youtu.be/sIz3rMMAmAM	Space to Ground A Plethora of New Science 06 11 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Correction: the hardware shown for the ADSEP-UMAMI investigation was incorrectly labeled. The following image depicts the UMAMI Techshot Fluid Processing Cassette: https://images.nasa.gov/details-jsc2021e019403 Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 06 04	NASA Johnson	https://youtu.be/dbq-PoXc6vA	Space to Ground In Open Space 06 04 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 06 02	NASA Johnson	https://youtu.be/NqeC0AnU-Ng	NASA’s Neutral Buoyancy Laboratory 360 Tour	Video produced at the NASA Johnson Space Center The Neutral Buoyancy Lab at the Sonny Carter Training Facility is a large swimming pool where astronauts can simulate an environment similar to the microgravity environment – they don’t sink or float. Astronauts use it to prepare for spacewalks and train in their spacesuits for upcoming missions. Take a look around!	Transcript Link

2021 05 28	NASA Johnson	https://youtu.be/7pqZWhpvfGI	Space to Ground Preparing for Nauka 05 28 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 05 21	NASA Johnson	https://youtu.be/vNGyfB8ex60	Space to Ground Crew Call 05 21 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 05 16	NASA Johnson	https://youtu.be/yeWVZWgU4bQ	Kate Rubins - Scientist in Space	Video produced at the NASA Johnson Space Center During the past six months, NASA astronaut Kate Rubins has embodied what it means to be an International Space Station scientist. She spent hundreds of hours working on space station experiments, talking with the researchers behind the studies, and serving as an ambassador for science in downlinks. Rubins built on experiments she conducted during her first mission in 2016, working on new heart research and DNA sequencing. Learn more about Kate’s scientific journey here: https://go.nasa.gov/2QirmFi Learn more about the research being conducted on station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD Download: https://archive.org/details/jsc2021m000150_Kate_Rubins_Scientist_in_Space-MXF	Transcript Link

2021 05 14	NASA Johnson	https://youtu.be/SK8Pb5EjsrA	STEMonstrations Earth Observations	Watch NASA astronaut Randy Bresnik as he discusses one of the best parts of an astronaut's time aboard the International Space Station, the view of our Earth. The space station serves as an Earth monitoring and diagnosis station with astronauts observing and even resolving environmental issues like natural disasters and the ongoing issue of climate change. Want to see some of these spectacular images taken from the space station? Watch this episode to learn more and see some of the amazing views of our planet from space. Be sure to check out https://www.nasa.gov/stemonstrations for more videos like this along with their corresponding Classroom Connection lesson plans. For a higher resolution download of this video - https://archive.org/details/jsc2021m000157-STEMonstrations_Earth_Observation	Transcript Link
2021 05 14	NASA Johnson	https://youtu.be/5o-h9gx8U3Y	Space to Ground Celestial Immunity 05 14 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 05 12	NASA Johnson	https://youtu.be/JRk4LGSekXA	Space Station Crew Talks with WeatherNation	Video produced at the NASA Johnson Space Center Expedition 65 - WeatherNation conducts an interview with NASA Astronaut Mark Vande Hei and ESA Astronaut Thomas Pesquet.	Transcript Link

2021 05 07	NASA Johnson	https://youtu.be/Ds1cUlPEfv8	Space Station Images Trace Bird Migrations	Those who see Earth from the International Space Station often say it provides a new appreciation of our planet. The Avian Migration Aerial Surface Space project, or AMASS, takes advantage of thousands of images captured by astronauts to give people an understanding of the migrations many birds undertake across the planet. Learn more here: https://go.nasa.gov/3b6UXcQ Learn more about the research being conducted on station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research	Transcript Link
2021 05 07	NASA Johnson	https://youtu.be/EMUyaIH7HaI	Space to Ground Astro Beekeeping 05 07 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 05 05	NASA Johnson	https://youtu.be/4ERV9n_VnW8	The Day Alan Shepard Made American History	Video produced at the NASA Johnson Space Center In the annals of American spaceflight history, day one was 60 years ago today. On May 5, 1961, U.S. Navy commander Alan Shepard was the first American ever to fly in space, piloting the Mercury capsule Freedom 7 into the pages of history. Enjoy the scenes of the day that started the U.S.A. down the path to boots on the Moon, the space shuttle, the International Space Station, and all that's still to come! _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2021 04 30	NASA Johnson	https://youtu.be/eJG6bdGlDK4	Space to Ground Endeavour and Resilience 04 30 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 04 26	NASA Johnson	https://youtu.be/kSzO79H9i8s	Space to Ground Crew-2 04 23 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 04 26	NASA Johnson	https://youtu.be/3uUJlNshAvk	Crew-1 Astronauts Advance Research in Space	After six months aboard the International Space Station, NASA's SpaceX Crew-1 astronauts will return home on April 28, 2021. The four crewmembers -- NASA astronauts Mike Hopkins, Victor Glover, and Shannon Walker, and Japan Aerospace Exploration Agency (JAXA) astronaut Soichi Noguchi -- will travel back to Earth inside a SpaceX Crew Dragon capsule. The crewmembers contributed to hundreds of scientific investigations and technology demonstrations while aboard the orbiting laboratory. This valuable scientific research helps to prepare humans for future space exploration missions while generating numerous innovations and benefits for humanity on Earth. Take a look at some of the scientific milestones accomplished during the Crew-1 mission: https://go.nasa.gov/3aoWxGn Learn more about the research being conducted on station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD Link: https://archive.org/details/jsc2021m000144_Crew-1_Astronauts_Advance_Research_in_Space-MXF	Transcript Link
2021 04 22	NASA Johnson	https://youtu.be/ElxVZL526o8	4K Earth Views Extended Cut for Earth Day 2021	Everything that happens on the International Space Station revolves around one thing: Earth, sixteen times a day! So for Earth Day 2021, NASA offers a gift you can't get anywhere else with this leisurely view of our home planet, from 250 miles up, rendered in extraordinary ultra-high definition video. Hit play, relax and enjoy. This 4K footage was recorded between 2019 and 2020. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ HD Download: https://archive.org/details/jsc2021m000138_4K_Earth_Views_Extended_Cut_for_Earth_Day_ 2021_210422-4KMXF	Transcript Link
2021 04 21	NASA Johnson	https://youtu.be/2E3ufO03FWw	Crew-2 Mission Overview	NASA's SpaceX Crew-2 mission to the International Space Station is ready to launch. Join NASA's Shane Kimbrough and Megan McArthur, Aki Hoshide of the Japan Aerospace Exploration Agency (JAXA), and Thomas Pesquet of ESA (European Space Agency) as they talk about the prospect of flying on a new spaceship, the six-month space mission they've been preparing for, and the future in space they're helping to build.	Transcript Link

2021 04 20	NASA Johnson	https://youtu.be/IF9tB0m6qF4	Quick Questions with Crew-2	Four astronauts, from three countries, flying Crew-2, to the one and only International Space Station. Now that we have the basic facts, let's explore. The astronauts about to launch on NASA's SpaceX Crew-2 mission didn't flinch when subjected to rapid-fire questioning—here's the straight skinny on their favorite foods, colors and decades, their pet peeves and guilty pleasures, and who inspires them. HD Download: https://archive.org/details/jsc2021m000108_Quick_Questions_With_Crew-2 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 04 16	NASA Johnson	https://youtu.be/Ibdsp3U3sAI	Know Your Crew...Two!	Shane Kimbrough, Megan McArthur, Aki Hoshide, and Thomas Pesquet are about to fly NASA's SpaceX Crew-2 mission to the International Space Station. Before their launch, we brought them in the studio to test what they know about each other – and what they think they know about each other -- as they look forward to going to space together for six months. HD Download: https://archive.org/details/jsc2021m000107_Know_Your_Crew_Two _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 04 16	NASA Johnson	https://youtu.be/3ElOSYwXmxg	Space to Ground Signing Out 04 16 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 04 15	NASA Johnson	https://youtu.be/-luKN6mad5w	STEMonstrations Newton's First Law of Motion	Alongside NASA astronaut Suni Williams, you are invited to watch and learn from NASA astronauts Mark Vande Hei and Jeff Williams as they demonstrate Newton's First Law of Motion in microgravity aboard the International Space Station. Astronaut Mark Vande Hei shows how an object at rest tends to stay at rest and an object in motion tends to stay in motion unless acted upon by an outside force. Astronaut Jeff Williams shows what happens to objects inside the International Space Station when they experience a reboost. How does this physics phenomena compare to the motion we experience here on Earth's surface? Be sure to check out www.nasa.gov/stemonstrations for more videos like this along with their corresponding Classroom Connection lesson plans. Download an HD copy at: https://archive.org/details/jsc-2021m-000060-stemonstrations-newtons-first-law-of-motion	Transcript Link
2021 04 15	NASA Johnson	https://youtu.be/9ER4vvRv1UM	Spacewalks in HD 2020-2021	Can you imagine what the Earth looks like from 250 miles up? Well, now you don't have to! International Space Station astronauts wearing small high-definition video cameras during recent spacewalks have delivered the evidence, and it's gorgeous—have a look for yourself. These scenes were captured during four spacewalks conducted between July 2020 and March 2021: 00:00 – 00:53 US EVA 69 – Jan. 27, 2021 – Mike Hopkins and Victor Glover 00:54 – 2:13 US EVA 73 – Mar. 13, 2021 – Mike Hopkins and Victor Glover 2:13 – 3:06 US EVA 72 – Mar. 5, 2021 – Kate Rubins and Soichi Noguchi 03:06 – 05:45 US EVA 68 – July 20, 2020 – Chris Cassidy and Bob Behnken Download the footage here: https://archive.org/details/jsc2021m000111-Spacewalks_in_HD_2020-2021_1080	Transcript Link
2021 04 09	NASA Johnson	https://youtu.be/Y4XlPUvYC1s	Space to Ground A Crew of Ten 04 09 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 04 09	NASA Johnson	https://youtu.be/L08sOD0hYTk	Astronaut Moments Mark Vande Hei, Living and Working in Space	Mark Vande Hei launched to the International Space Station for the second time on April 9 from the Baikonur Cosmodrome in Kazakhstan. The launch occurs just three days before the 60th anniversary of cosmonaut Yuri Gagarin's launch to become the first human in space and the 40th anniversary of the first launch of NASA's space shuttle. As members of the Expedition 64/65 crew, Vande Hei and his two Russian crewmates Oleg Novitskiy and Pyotr Dubrov are on deck to work on hundreds of experiments in biology, biotechnology, physical science, and Earth science. During his previous spaceflight, he accumulated 168 days in space and spent 26 hours and 42 minutes suited up outside of the space station over the course of four spacewalks.	Transcript Link
2021 04 02	NASA Johnson	https://youtu.be/eAByh5rcH2k	Space to Ground Scanning the Horizon 04 02 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 03 26	NASA Johnson	https://youtu.be/nn2b7re9XLA	Space to Ground Soyuz Shuffle 03 26 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 03 19	NASA Johnson	https://youtu.be/BT2F8cWP6q8	Space to Ground Tournament Earth 03 19 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. To vote for your favorite photos in Tournament Earth 2021: https://earthobservatory.nasa.gov/te Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 03 12	NASA Johnson	https://youtu.be/HJcu-46ufmc	Space to Ground Tale of the Tape 03 12 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 03 05	NASA Johnson	https://youtu.be/XKmtwwu7X6M	Space to Ground One Week, Two Spacewalks 03 05 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 03 01	NASA Johnson	https://youtu.be/0I75L_O_iu4	Artemis Inside the Latest Achievements – Episode 27	Video produced at the NASA Johnson Space Center NASA's Artemis program is making incredible progress on its mission to land the first woman and next man on the Moon. Recent work on the Artemis I Space Launch System included the Green Run core stage test at Stennis Space Center, MS, and aft segments transport and solid rocket booster stacking at Kennedy Space Center (KSC), FL. NASA's Exploration Ground Systems team completed mobile launcher roll back and launch countdown testing at KSC. Artemis I Orion Program progress included jettison fairing installation as well as touring of facilities at KSC by Cathy Koerner, Orion Program Manager. We're charting the course for sustainable human space exploration and persevering on our journey deeper into the cosmos!	Transcript Link
2021 02 26	NASA Johnson	https://youtu.be/DwJ-4zpJWHs	Space to Ground Space Worms 02 26 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 02 12	NASA Johnson	https://youtu.be/BXVK57CV4c4	Space to Ground Riding with the Rover 02 12 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 02 05	NASA Johnson	https://youtu.be/NSWU82UHaWE	Space to Ground Upgraded Power 02 05 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 01 29	NASA Johnson	https://youtu.be/zqCE8WvxWYk	Astronaut Kate Rubins Advances DNA Sequencing in Space	More than four years ago, NASA astronaut Kate Rubins became the first person to sequence DNA in space. This past week, she moved space science forward with another crucial milestone for microbiology aboard the International Space Station. The research team took a moment to recognize Rubins' spot in scientific history. Learn more about the first sequencing of DNA in space: https://go.nasa.gov/2VPsQFJ See more images of DNA sequencing in space: https://images.nasa.gov/album/DNA_Sequencing_in_Space Learn more about the research being conducted on station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD Download: https://archive.org/details/jsc2021m000062_Astronaut_Kate_Rubins_Advances_DNA_Sequencing_in_Space-MXF	Transcript Link
2021 01 29	NASA Johnson	https://youtu.be/EVkl4qmzewY	Space to Ground Spacewalks & Story Time 01 29 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 01 22	NASA Johnson	https://youtu.be/_6Jm2JUD5hM	Space to Ground Spacewalk Preparations 01 22 2021	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 01 15	NASA Johnson	https://youtu.be/OCaviw4a5pk	Space to Ground Science Splashdown 01 15 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2021 01 08	NASA Johnson	https://youtu.be/sJwtuycs3Mg	Space to Ground A New Year 01 08 2021	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2021 01 07	NASA Johnson	https://youtu.be/TGkkY-Gr-Nc	Artemis Inside the Latest Achievements – Episode 26	NASA's Artemis program continues to make excellent progress toward landing the first woman and next man on the Moon. Recent work on the Artemis I Space Launch System included testing the Flight Support Booster in Promontory, Utah, core stage Green Run gimbal testing at Stennis Space Center, Mississippi. NASA's Exploration Ground Systems team practiced stacking the solid rocket booster and the Launch Control Center completed cryo simulation. Artemis I Orion Program progress included the Orion spacecraft adapter cone install at Kennedy Space Center, Florida, and solar array wing deployment and inspection. For the Artemis III mission, Orion pressure vessel parts arrived for welding at Michoud Assembly Facility in Louisiana. Additionally, progress continued on the European Service Module 3 with Thales Alenia Space, Italy delivering the primary structure to Airbus Space in Germany, and Artemis spacesuit tools and training tests took place at Johnson Space Center. We're charting the course for sustainable human space exploration and persevering on our journey deeper into the cosmos! jsc2020m001427	Transcript Link
2021 01 01	NASA Johnson	https://youtu.be/rFwqXnCDPJU	To the Moon and Beyond Down To Earth - S1 E19	In the final episode of Season 1 of Down to Earth, former NASA Astronaut Alvin Drew recounts the wonder of viewing planet Earth from space, and the necessity to keep pushing the bounds of exploration. Be sure to catch the premiere of the 30-minute special, Down to Earth: The Astronaut's Perspective, today at 2p.m. EST at https://www.youtube.com/watch?v=DIkqs9_FK28&feature=youtu.be. HD download link: https://archive.org/details/jsc2020m001449_Down_to_Earth_To_the_Moon_and_Beyond _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Producers: Gordon Andrews and Jamie Quinn Editor: Jamie Quinn	Transcript Link

2020 12 30	NASA Johnson	https://youtu.be/xFK7gkj6yN8	Top 20 Earth Images of 2020	The men and women who live and work on the International Space Station take thousands of photographs of their home planet every year, and we asked the folks at the Earth Science and Remote Sensing Unit at NASA's Johnson Space Center for a few of their favorites from 2020. Here are the top 20 from '20, and you can check out the images for yourself at the Gateway to Astronaut Photography of Earth(https://eol.jsc.nasa.gov/): Cuba and the Bahamas https://eol.jsc.nasa.gov/SearchPhotos/photo.pl?mission=ISS062&roll=E&frame=117852 Cooper Creek, Australia https://eol.jsc.nasa.gov/SearchPhotos/photo.pl?mission=ISS062&roll=E&frame=136862 Corsica in Sunglint https://eol.jsc.nasa.gov/SearchPhotos/photo.pl?mission=ISS062&roll=E&frame=44814 Dust Over Cyprus https://eol.jsc.nasa.gov/SearchPhotos/photo.pl?mission=ISS063&roll=E&frame=25816 Fall Colors Near Ottawa, Canada https://eol.jsc.nasa.gov/SearchPhotos/photo.pl?mission=ISS063&roll=E&frame=107777	Transcript Link
2020 12 30	NASA Johnson	https://youtu.be/KSv_Y8uGwFQ	A New Year's Tradition Looks a Little Different in Space	How can you have a ball "drop" when there is no up or down? Expedition 64 crew members on the International Space Station have worked that out: NASA astronauts Kate Rubins, Mike Hopkins, Victor Glover, Shannon Walker, and Japan Aerospace Exploration Agency astronaut Soichi Noguchi send their New Year's greetings to everyone on Earth and create their own version of the New Year's Eve in Times Square tradition. HD Download: https://archive.org/details/jsc2020m001446_2020_ISS_Crew_Exp64_New_Years_Eve_Message _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 12 29	NASA Johnson	https://youtu.be/dYINIVcCV8w	2020 Space Station Science Photos	It has been a busy year of research aboard the International Space Station. In November, we celebrated the 20th year of continuous human presence aboard the space station, which so far has hosted 242 people and more than 3,000 science experiments. During the past year, research has ranged from growing radishes in microgravity to capturing 360-degree footage of life aboard station to monitoring our planet. This research benefits people on Earth while helping prepare us to explore farther into space. Look at some of the breakthrough investigations crew members worked on in 2020: https://go.nasa.gov/3mwj2wh HD Download: https://archive.org/details/jsc2020m001447_2020_Space_Station_Science_Pictures-MXF	Transcript Link
2020 12 24	NASA Johnson	https://youtu.be/QDALsVmNqJg	Thoughts, Gifts, and a Challenge An International Space Station Holiday	This holiday season is different than usual for our current crew members on the International Space Station. Expedition 64 astronauts Mike Hopkins, Victor Glover, Shannon Walker, Kate Rubins, and Soichi Noguchi share their thoughts about spending the holidays in space, far from their families and friends. Plus, they show off some of their special presents and issue a decorating challenge to Mission Control in Houston—and you don't want to miss Houston's reply! HD Download: https://archive.org/details/jsc2020m001438_NTV_VF_2020_ISS_Crew_Exp64_Holiday_Thoughts_Message _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 12 23	NASA Johnson	https://youtu.be/Hzhxyt87yBk	Space to Ground The Year That Was 12 23 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2020 12 22	NASA Johnson	https://youtu.be/WJUdH3uWkFI	A Message of Resilience from the International Space Station	Members of the International Space Station's Expedition 64 crew, spending this holiday season orbiting the Earth, wrap up 2020 with a message of hope for their fellow Earthlings. NASA astronauts Mike Hopkins, Victor Glover, Shannon Walker, Kate Rubins, and Japan Aerospace Exploration Agency astronaut Soichi Noguchi reflect on the unprecedented year the world experienced in 2020 and remind us of the resilience of the human spirit as we enter a new year. HD Download: https://archive.org/details/jsc2020m001444_2020_ISS_Crew_Exp64_Resilience_Message _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 12 18	NASA Johnson	https://youtu.be/-zhili_b_Bw	Space to Ground Cardinal Heart Study 12 18 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link
2020 12 11	NASA Johnson	https://youtu.be/NBdKclbHBj0	Space to Ground Double Dragons 12 11 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2020 12 04	NASA Johnson	https://youtu.be/sH0hz7Z0JPc	Space to Ground A New Door to Space 12 04 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 11 27	NASA Johnson	https://youtu.be/sXFtMoJDM18	Space to Ground Talking Turkey 11 27 2020	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 11 26	NASA Johnson	https://youtu.be/jEyiHgRPEJc	Astronauts Reading Fan Mail %232	Video produced at the NASA Johnson Space Center After not checking our mailboxes for several months, we had a ton of fan mail to catch up on!📨✨ Happy Thanksgiving from the Astronaut Corps! Enjoy the 2020 edition of astronauts reading fan mail featuring Anne McClain, Drew Morgan, Jessica Meir, Jonny Kim, Jeanette Epps, Tom Marshburn & Mike Fincke. _____ FOLLOW NASA ASTRONAUTS Facebook: https://www.facebook.com/NASAAstronauts Twitter: https://twitter.com/NASA_Astronauts Instagram: https://www.instagram.com/nasaastronauts HD download link: https://archive.org/details/jsc2020m001424_Astronauts_Reading_Fan_Mail_#_2 Video produced at the NASA Johnson Space Center Producers: Stephanie Fernandez, Devin Boldt, Jamie Quinn	Transcript Link

2020 11 25	NASA Johnson	https://youtu.be/bPOfgiArkbI	Space Station Crew Discusses the Meaning of Thanksgiving on Orbit	Aboard the International Space Station, Expedition 64 Flight Engineers Kate Rubins, Mike Hopkins, Victor Glover and Shannon Walker of NASA and Soichi Noguchi of the Japan Aerospace Exploration Agency (JAXA) discussed the meaning of spending Thanksgiving on orbit and their holiday plans during downlink messages delivered on Nov. 20. Rubins has been aboard the orbital complex since mid-October following her launch on a Russian Soyuz spacecraft and was joined a month later by Hopkins, Glover, Walker and Noguchi, who launched on the SpaceX Crew Dragon "Resilience" from the Kennedy Space Center. Video produced at the NASA Johnson Space Center	Transcript Link
2020 11 20	NASA Johnson	https://youtu.be/HXs-Otvlyxw	Space to Ground Resilience Rises 11 20 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 11 18	NASA Johnson	https://youtu.be/ZSa5C8gX_IY	Russian Spacewalk %2347 Animation	Video produced at the NASA Johnson Space Center Working outside the International Space Station, Expedition 64 Commander Sergey Ryzhikov and Flight Engineer Sergey Kud-Sverchkov of Roscosmos will conduct the eighth spacewalk of the year at the orbital outpost, using the Poisk module on the space-facing side of the Russian segment as an airlock for the first time. Among other tasks to be performed during the excursion, Ryzhikov and Kud-Sverchkov will begin the decommissioning of the venerable Pirs Docking Compartment by disconnecting a telemetry cable linking Pirs to the Zvezda Service Module and connecting it to Poisk. Pirs, which was launched in September 2001 and has served as a docking port and a spacewalk airlock for the past two decades, is scheduled to be replaced next year by the new "Nauka" Multi-Purpose Laboratory Module that will be launched on a Russian Proton rocket. The spacewalk will be the first for both Ryzhikov and Kud-Sverchkov and the 232nd spacewalk in support of space station assembly, maintenance and upgrades. Video produced at the Johnson Space Center.	Transcript Link

2020 11 13	NASA Johnson	https://youtu.be/bBKe3cuw-b8	Space to Ground Dragon Quest 11 13 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 11 11	NASA Johnson	https://youtu.be/pBa4mjXUW_o	Quick Questions With Crew-1	Video produced at the NASA Johnson Space Center Go behind the online biography and hear the Crew-1 astronauts reveal their inner truths: favorite foods, guilty pleasures, the hardest part of training, and what's left on their space-career bucket list. (And who loves salsa dancing, and shows it!) HD Download: https://archive.org/details/jsc2020m000236_Quick_Questions_with_Crew-1 Video produced at the NASA Johnson Space Center. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 11 06	NASA Johnson	https://youtu.be/ngfUbxrRnuU	Crew-1 for All	The next SpaceX Crew Dragon to fly to the International Space Station will carry four astronauts on a mission known as Crew-1. What does that mean? Who better to explain the first operational mission of a commercial crew space vehicle than the people who will make it happen in space. Join the American and Japanese astronauts for a walk through the mission that opens a new era in human space exploration. HD Download: https://archive.org/details/jsc2020m000237_Crew-1_for_All Video produced at the NASA Johnson Space Center. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 11 06	NASA Johnson	https://youtu.be/o8utu2W8v_0	Space to Ground We Are One 11 06 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 11 04	NASA Johnson	https://youtu.be/_BQOPYNvr98	Know Your Crew…One!	Video produced at the NASA Johnson Space Center The astronauts who will fly the first operational Crew Dragon spacecraft to the International Space Station are trained up and ready to go. After many months of work together (for some of them, years) they know each other pretty well, so we asked them to prove it. Have a look as four astronauts who are about to spend six months in space together talk about what they're expecting from life on the space station, and share their advice for the one among them who has never been there before. HD Download: https://archive.org/details/jsc2020m000235_Know_Your_Crew_One Video produced at the NASA Johnson Space Center. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 10 30	NASA Johnson	https://youtu.be/91HFRawNWpA	Space to Ground How It Started 10 30 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2020 10 23	NASA Johnson	https://youtu.be/zRUieQ6sSfo	Space to Ground Thumbs Up 10 23 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 10 20	NASA Johnson	https://youtu.be/vPkamuLqwM8	Spacesuits for the Next Explorers (Full feature)	Video produced at the NASA Johnson Space Center Get a behind the scenes look at the creation of NASA's new spacesuit, the xEMU (Exploration Extravehicular Mobility Unit). In this full feature, you'll discover how the spacesuit is being built for NASA's new missions beyond low-Earth orbit, looking forward to astronauts walking on the Moon and Mars and exploring in person. Testing for the suit takes place in the desert, underwater, and in unique NASA laboratories that can simulate the gravity of the Moon, Mars, or no gravity at all. The end result will be a spacesuit that has more flexibility, more power and more capability to allow astronauts to explore like never before. For more information, visit: www.nasa.gov/suitup	Transcript Link
2020 10 20	NASA Johnson	https://youtu.be/u8L66TSXSxY	Chris Cassidy - Space Station Scientist	On April 9, 2020, the Soyuz MS-16 lifted off from Site 31 at the Baikonur Cosmodrome in Kazakhstan. This launch kicked off NASA astronaut Chris Cassidy's third trip to the International Space Station. Cassidy's 196-day mission as Expedition 63 Commander of the space station was filled with milestones for space exploration as well as numerous science experiments helping benefit life back on Earth. Take a look at the science he enabled during his research-filled stay in microgravity aboard the world class laboratory in low-Earth orbit: https://go.nasa.gov/350lpAO Learn more about the research being conducted on station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD Link: https://archive.org/details/jsc2020m001398_Chris_Cassidy-Space_Station_Scientist-MXF	Transcript Link

2020 10 16	NASA Johnson	https://youtu.be/gEfqbmexgq0	Space to Ground Fresh Dining 10 16 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 10 14	NASA Johnson	https://youtu.be/w5jOK3ealFE	A Perfect Planet Down To Earth - S1 E18	Video produced at the NASA Johnson Space Center In this episode of Down to Earth, NASA Astronaut Andrew Morgan speaks about his spacewalk experiences, and discusses the importance of caring for our home planet. #SpaceStation20th Video produced at the NASA Johnson Space Center Producer/Editor: Jamie Quinn Producer: Gordon Andrews	Transcript Link
2020 10 13	NASA Johnson	https://youtu.be/XFivJfn2Ys4	Kate Rubins Science on the Space Station	Kate Rubins is both a scientist and a NASA astronaut. There is no better place to be than the International Space Station for someone with those two occupations. In this video, Kate explains how the space station is the perfect place to conduct research. Free from Earth's gravity, the orbiting laboratory offers endless opportunities for discovery!	Transcript Link
2020 10 13	NASA Johnson	https://youtu.be/KnZRf5B29Bk	Spacesuits for the Next Explorers Preview Trailer 3- New Car Smell	When does a spacesuit smell like a new car? When it's brand new! NASA is creating a new spacesuit for missions to the Moon and beyond. With improved mobility, flexibility and endurance the suit will allow astronauts to do more exploration than ever before- kneeling, bending down and walking on the surface of the Moon and one day, Mars. The suit is currently being tested in laboratories, on land and underwater. Full Feature "Spacesuits for the Next Explorers" is coming soon. www.nasa.gov/suitup	Transcript Link

2020 10 09	NASA Johnson	https://youtu.be/AUwg13FvkX8	Space to Ground Crank it to 11 10 09 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 10 06	NASA Johnson	https://youtu.be/3VoeRAR0YgE	How to use the Bathroom in Space	Video produced at the NASA Johnson Space Center One of the most frequent questions we get about life on Space Station is how to use the toilet…Here's a quick look at the answer! -Expedition 63 Commander Chris Cassidy _____ FOLLOW ASTRONAUT CHRIS CASSIDY Instagram: https://www.instagram.com/astro_seal Twitter: https://twitter.com/astro_seal FOLLOW NASA ASTRONAUTS Facebook: https://www.facebook.com/NASAAstronauts Twitter: https://twitter.com/NASA_Astronauts Instagram: https://www.instagram.com/nasaastronauts Video produced at the NASA Johnson Space Center Producer/Editor: Jamie Quinn	Transcript Link
2020 10 06	NASA Johnson	https://youtu.be/NFnvR4TYg70	Astronauts Test Tools Spacesuits Facilities in Preparation for Moonwalks	NASA Tests Tools, Spacesuits, Facilities to Prepare for Moonwalks At NASA's Johnson Space Center in Houston, teams are testing tools and developing training approaches for moonwalks astronauts will conduct on the lunar surface during Artemis missions. As part of a test series that occurred in August and September 2020, astronauts in a demonstration version of NASA's exploration spacesuit and engineers in "hard hat" dive equipment simulated several different tasks crew could do on the surface of the Moon. The tests focused on evaluating Johnson's facilities for Artemis spacewalk testing, development, and crew training. No Audio	Transcript Link

2020 10 05	NASA Johnson	https://youtu.be/j4Z1TcQjA0Q	Spacesuits for the Next Explorers- Preview Trailer 2 "It's a Great Job!"	NASA is building new spacesuits for missions on the Moon. These voyages will require astronauts to stay longer on the lunar surface than the previous Apollo lunar missions. A new generation of engineers is using the latest technology to make spacesuit life support the best it ever has been, providing greater safety and flexibility for the astronauts. What's it like working on the life support of a spacesuit? Find out with this preview of "Spacesuits for the Next Explorers" a new full feature video coming soon.	Transcript Link
2020 10 02	NASA Johnson	https://youtu.be/-7aIggQ_an0	Space to Ground Influential People 10 02 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 09 28	NASA Johnson	https://youtu.be/I7a7mOWBV0w	Spacesuits for the Next Explorers- Preview Trailer 1- What is an EVA	Video produced at the NASA Johnson Space Center You've heard NASA use the term "EVA" before, but what does it mean? In this video, find out how EVA will be a big part of NASA's future exploration to the Moon and Mars and how a new spacesuit is being built to prepare for future missions beyond Low Earth Orbit. Full Feature "Spacesuits for the Next Explorers" is coming soon. www.nasa.gov/suitup	Transcript Link

2020 09 25	NASA Johnson	https://youtu.be/WDC_DNTXlN8	Space to Ground Rolling Out 09 25 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 09 23	NASA Johnson	https://youtu.be/cPmx1TtYF64	NASA Testing Tools, Spacesuits, Facilities to Prepare for Moonwalks	Video produced at the NASA Johnson Space Center At NASA's Johnson Space Center in Houston, teams are testing the tools and developing training approaches for lunar surface operations and Moonwalks astronauts will conduct during Artemis missions beginning in 2024. As part of a test series that occurred in August and September 2020 in the Neutral Buoyancy Lab at Johnson, astronauts in a demonstration version of the exploration spacesuit and engineers in "hard hat" dive equipment simulated several different tasks crew will do on the surface of the Moon. The tests focused on evaluating Johnson's facilities for Artemis spacewalk testing, development, and crew training, and will inform future mission planning, including how many spacewalks to conduct during a mission, how long they'll be, and how far away from a lander the crew will travel.	Transcript Link
2020 09 21	NASA Johnson	https://youtu.be/SDhlPEMkiOo	STEMonstrations Moon Phases	Try the activity in your classroom! https://nasa.gov/stemonstrations If you have looked into the night sky, you may have noticed the Moon appears to change shape each night. The different shapes of the Moon that we see at different times of the month are called the Moon's phases. Watch as NASA astronaut Anne McClain displays each of these phases in the latest episode of STEMonstrations. Use the lesson plan that coincides with this video to invigorate your STEM classroom. Be sure to visit https://www.nasa.gov/stemonstation for more educational resources that explore the research and technology of the International Space Station. FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 09 18	NASA Johnson	https://youtu.be/FyiMhGvQD5c	Space to Ground Honoring Kalpana 09 18 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 09 11	NASA Johnson	https://youtu.be/d56BA5yLXJo	SpaceCast Weekly - September 11, 2020	Video produced at the NASA Johnson Space Center SpaceCast Weekly is a NASA Television broadcast from the Johnson Space Center in Houston featuring stories about NASA's work in human spaceflight, including the International Space Station and its crews and scientific research activities, and the development of Orion and the Space Launch System, the next generation American spacecraft being built to take humans farther into space than they've ever gone before.	Transcript Link
2020 09 11	NASA Johnson	https://youtu.be/XRwMDlvE6h8	Space to Ground Studying DNA Breaks 09 11 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2020 09 09	NASA Johnson	https://youtu.be/agwlu0wR1_w	Palace in the Sky Down To Earth - S1 E17	In this episode of Down to Earth, former NASA astronaut Jack Fischer recalls his experiences from his time aboard the International Space Station and discusses how the spirit of exploration contributes to humanity’s future. #SpaceStation20th Video produced at the NASA Johnson Space Center Producers: Jamie Quinn & Gordon Andrews	Transcript Link
2020 09 09	NASA Johnson	https://youtu.be/DuRtGUBewK4	Micro-G NExT	Micro-g NExT is an annual opportunity for college students to contribute to NASA missions. Through this engineering design challenge undergraduate students to design, build, and test a tool or device that addresses an authentic, current space exploration challenge. The overall experience includes hands-on engineering design, test operations, and public outreach. Test operations are conducted in the simulated microgravity environment of the NASA Johnson Space Center Neutral Buoyancy Laboratory (NBL). For more information visit, https://microgravityuniversity.jsc.nasa.gov/about-micro-g-next.cfm	Transcript Link
2020 09 04	NASA Johnson	https://youtu.be/yc2MsGbgTuw	Space to Ground Following Chris 09 04 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Video produced at the NASA Johnson Space Center	Transcript Link

2020 09 02	NASA Johnson	https://youtu.be/h2BdBDYqXJE	Artemis Inside the Latest Achievements – Episode 25	NASA's Artemis program continues to make great strides toward landing the first woman and next man on the lunar surface. Progress continues on Artemis I, the first integrated test of the Orion spacecraft, Space Launch System (SLS) rocket and the ground systems at Kennedy Space Center in Cape Canaveral, Florida. Artemis II core stage work at Michoud Assembly Facility and welding on the Artemis II Orion stage adapter panel at Marshall Space Flight Center continued. Orion Program progress included the move of the Orion Artemis II crew module to the clean room at Kennedy Space Center, the fairing jettison test completion in Littleton, CO, and the completion of the structural test article testing for Artemis I. The Artemis I aft skirt was delivered to NASA's Exploration Ground Systems team and moved to the rotation processing and surge facility. NASA's Associate Administrator for Human Exploration, Kathy Lueders, toured Artemis hardware. Lastly, the Artemis I Launch Vehicle Stage Adapter was offloaded, Artemis I Booster segments were transported, Artemis I booster segment was uncapped, and the team began Artemis I booster segment lift and mate pinning. We're charting the course for sustainable human space exploration and persevering on our journey deeper into the cosmos! jsc2020m000221	Transcript Link
2020 08 25	NASA Johnson	https://youtu.be/1clACXLdDhs	Students Use Ham Radio to Call an Astronaut in Space	On May 15, 2020, Canadian students used ham radio to talk with NASA astronaut Chris Cassidy, currently aboard the International Space Station. Thanks to ham radio operators and the International Space Station program, the students were able to participate from their homes. Learn more about ham radio aboard the space station: https://go.nasa.gov/2DRPAeK Learn more about the research being conducted on station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD download link: https://archive.org/details/jsc2020m000225_Cassidy_Ham_Radio-MXF	Transcript Link
2020 08 24	NASA Johnson	https://youtu.be/XWOyh_U5qRQ	TROPICAL STORM LAURA VIEWED FROM INTERNATIONAL SPACE STATION	External cameras on the International Space Station captured views of Tropical Storm Laura from approximately 250 miles above. The station passed directly over the tropical system on Sunday, August 23 prior to the storm making landfall on Cuba. The National Hurricane Center is projecting Laura to strengthen into a hurricane once in the Gulf of Mexico with landfall expected on the Gulf coast later this week.	Transcript Link

2020 08 21	NASA Johnson	https://youtu.be/Qn3SbSn2J9U	Space to Ground Final Flight 08 21 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 08 14	NASA Johnson	https://youtu.be/NQ5ThYhnMz8	Space to Ground The Checklist 08 14 2020	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 08 07	NASA Johnson	https://youtu.be/zdAHCtHmYTY	Space to Ground Gulf Coast Splashdown 08 07 2020	Video produced at the NASA Johnson Space Center NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 08 05	NASA Johnson	https://youtu.be/Bcxqr4X7a-A	All in This Together Down To Earth - S1 E16	In this episode of Down to Earth – All in This Together, NASA Astronaut Jessica Meir recalls her recent time living and working aboard the International Space Station, “I never appreciated how fragile and beautiful and special the Earth was… we have one planet and we are all inhabitants of the same home." #SpaceStation20th	Transcript Link
2020 08 04	NASA Johnson	https://youtu.be/ckk5PZ1ZSck	It’s A Great Day to be Alive	From 250 miles above the Earth, Expedition 63 is very much aware of the hard times which exist in the neighborhoods of the world rotating below. Even amid the uncertainty and difficulties of battling through these challenging times, we encourage everyone to be the best “crewmates” & take care of each other. Cherish the people you love. -Commander Chris Cassidy _____ FOLLOW ASTRONAUT CHRIS CASSIDY Instagram: https://www.instagram.com/astro_seal FOLLOW NASA ASTRONAUTS Facebook: https://www.facebook.com/NASAAstronauts Twitter: https://twitter.com/NASA_Astronauts Instagram: https://www.instagram.com/nasaastronauts	Transcript Link
2020 08 03	NASA Johnson	https://youtu.be/iaeNBjIoPa8	NASA's SpaceX DM-2 Mission Highlights	The SpaceX Demo-2 test flight for NASA's Commercial Crew Program was the first to deliver astronauts to the International Space Station and return them safely to Earth onboard a commercially built and operated spacecraft. The crew launched on Saturday, May 30 on a SpaceX Falcon 9 rocket from NASA’s Kennedy Space Center in Florida and arrived at the orbiting laboratory on May 31. The SpaceX Crew Dragon “Endeavour” splashed down off the coast of Pensacola, Florida, Sunday, Aug. 2 at 2:48 pm EDT following their undocking from the International Space Station Saturday, Aug. 1 at 7:35 pm EDT. During their 62 days aboard station, Robert Behnken and Douglas Hurley contributed more than 100 hours of time to supporting the orbiting laboratory’s investigations, participated in public engagement events, and supported four spacewalks with Behnken and Cassidy to install new batteries in the station’s power grid and upgrade other station hardware. These activities are a part of NASA’s Commercial Crew Program, which has been working with the U.S. aerospace industry to launch astronauts on American rockets and spacecraft from American soil the International Space Station for the first time since 2011. This is SpaceX’s final test flight and is providing data about the performance of the Falcon 9 rocket, Crew Dragon spacecraft and ground systems, as well as in-orbit, docking, splashdown and recovery operations.	Transcript Link

2020 07 31	NASA Johnson	https://youtu.be/DoTs3-bQRo0	Space to Ground %23BecauseScience 07 31 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 07 24	NASA Johnson	https://youtu.be/LLziUxoVA54	Space to Ground Same Day Delivery 07 24 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 07 22	NASA Johnson	https://youtu.be/2Dzx6b6vSK4	Fruit Punch and Foam Managing Liquids in Space	When NASA astronaut Doug Hurley squeezed a bag of fruit punch aboard the International Space Station last month, he did not get a refreshing drink. Instead, the red fluid that emerged from his drink bag wound down a clear tube, and soaked into a block of white foam. While it might not look like much, this simple experiment is providing researchers with better information about managing liquids in microgravity. Learn more here: https://go.nasa.gov/32JQUPM Learn more about the research being conducted on station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD download link: https://archive.org/details/jsc2020m000202_Fruit-Punch_and_Foam_Managing_Liquids_in_Space-MXF	Transcript Link

2020 07 21	NASA Johnson	https://youtu.be/kw64FUpCNCA	SpaceX Crew Dragon Flies Through Habitability Testing	It is a “demonstration” mission, so the crew of the SpaceX Crew Dragon are demonstrating that the systems on this new commercial spaceship all work as designed while it’s docked to the International Space Station. Take a look inside while the Expedition 63 crew members verify that astronauts and cosmonauts can live, work, and sleep as planned when the vehicle is executing its mission in space. Additional footage from the Habitability tests on July 8, 2020: https://archive.org/details/jsc2020m000200-SpaceX_Crew_Dragon_Flies_Through_Habitability_Testing_b-roll _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 07 17	NASA Johnson	https://youtu.be/5hNSgkEqx9U	Space to Ground Outside The Hatch 07 17 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 07 14	NASA Johnson	https://youtu.be/kTROaE33Kn4	Reach for the Stars Down To Earth - S1 E15	In celebration of the upcoming #SpaceStation20th anniversary, Spaceflight Participant Hazzaa Ali Almansoori from the United Arab Emirates, who recently flew in space with other International Astronauts, shares his thoughts on his journey to reach the stars and his perspective on the power of us all working together in space in this episode of Down to Earth – Reach for the Stars. #SpaceStation20th	Transcript Link

2020 07 10	NASA Johnson	https://youtu.be/D9FLgwnNWEY	Behind the Scenes in Space During Historic SpaceX DM-2 Launch and Docking	You saw history made with the first crewed launch and docking of the SpaceX Crew Dragon, but you didn't see the flurry of activity on board the International Space Station…until now. Join Expedition 63 Commander Chris Cassidy and his crewmates as they prepare their cameras to document the DM-2 launch, and look over their shoulders to witness the new American spacecraft dock to the station and deliver their new crewmates. HD Download: https://archive.org/details/jsc2020m000182_BTS_in_Space_During_Historic_DM2_Launch_and_Docking _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 07 10	NASA Johnson	https://youtu.be/aoSr6y4gBdw	Space to Ground Dragon's Den 07 10 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 07 03	NASA Johnson	https://youtu.be/ANjyApJx8X0	Space to Ground New & Improved 07 03 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 07 02	NASA Johnson	https://youtu.be/zLGKYQ7FvUs	Expedition 63 July 4th Message - July 3, 2020	SPACE STATION ASTRONAUTS OFFER THEIR THOUGHTS ON THE NATION'S BIRTHDAY Aboard the International Space Station, Expedition 63 Commander Chris Cassidy of NASA and NASA Flight Engineers Doug Hurley and Bob Behnken of NASA shared their thoughts about the 244th birthday of the United States in a downlink message received from the complex on June 19. Orbiting 260 miles above the Earth, the three American astronauts discussed the challenges facing the nation at this moment in history and the resolve of the nation in forging ahead with human exploration in the name of peaceful cooperation for the benefit of all humanity.	Transcript Link
2020 06 30	NASA Johnson	https://youtu.be/o_jel2vWNAw	Unity of Space Down To Earth - S1 E14	Russian cosmonaut Sergei Krikalev, who has logged over 800 days in space, shares his perspective on the power of humans working together in space in this episode of "Down to Earth – Unity of Space." #SpaceStation20th	Transcript Link
2020 06 29	NASA Johnson	https://youtu.be/JwgcByUyEyI	Expedition 63 Solar Annual Eclipse - June 21, 2020	Solar Annual Eclipse | Captured by Chris Cassidy on June 21, 2020 On June 21, 2020, NASA astronaut Chris Cassidy captures a solar annual eclipse in 4K from the International Space Station as it passes approximately 260 miles over China. The video's speed has not been altered.	Transcript Link
2020 06 26	NASA Johnson	https://youtu.be/uS9wZzJKauw	Space to Ground Channeling Energy 06 26 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 06 24	NASA Johnson	https://youtu.be/GiYD00U1qp0	US Spacewalk %2366 Animation	U.S. Spacewalk #66 Animation NASA astronauts Chris Cassidy and Robert Behnken are scheduled to go outside the International Space Station (ISS) Friday, June 26, and Wednesday, July 1, for spacewalks to begin the replacement of batteries for one of the power channels on the orbiting laboratory. Cassidy, the commander of Expedition 63, and Behnken, who joined the crew May 31 after arriving aboard SpaceX's Crew Dragon with NASA astronaut Douglas Hurley on NASA's SpaceX Demo-2 test flight, will depart the Quest airlock for both spacewalks. The spacewalking astronauts will replace aging nickel-hydrogen batteries for one of two power channels on the far starboard truss (S6 Truss) of the station with new lithium-ion batteries that arrived to the station on a Japanese cargo ship last month. The battery replacement work is the culmination of power upgrade spacewalks that began in January 2017. Cassidy will be extravehicular crew member 1 for both spacewalks, wearing the spacesuit with red stripes, while Behnken will be extravehicular crew member 2, wearing the spacesuit with no stripes. It will be the seventh and eighth spacewalks for each astronaut. U.S. Spacewalk #66 is scheduled for July 1 and will be the 229th in support of space station assembly, maintenance and upgrades.	Transcript Link
2020 06 24	NASA Johnson	https://youtu.be/EyM2t_MKbMI	US Spacewalk %2365 Animation	U.S. Spacewalk #65 Animation NASA astronauts Chris Cassidy and Robert Behnken are scheduled to go outside the International Space Station (ISS) Friday, June 26, and Wednesday, July 1, for spacewalks to begin the replacement of batteries for one of the power channels on the orbiting laboratory. Cassidy, the commander of Expedition 63, and Behnken, who joined the crew May 31 after arriving aboard SpaceX's Crew Dragon with NASA astronaut Douglas Hurley on NASA's SpaceX Demo-2 test flight, will depart the Quest airlock for both spacewalks. The spacewalking astronauts will replace aging nickel-hydrogen batteries for one of two power channels on the far starboard truss (S6 Truss) of the station with new lithium-ion batteries that arrived to the station on a Japanese cargo ship last month. The battery replacement work is the culmination of power upgrade spacewalks that began in January 2017. Cassidy will be extravehicular crew member 1 for both spacewalks, wearing the spacesuit with red stripes, while Behnken will be extravehicular crew member 2, wearing the spacesuit with no stripes. It will be the seventh and eighth spacewalks for each astronaut. U.S. Spacewalk #65 is scheduled for June 26 and will be the 228th in support of space station assembly, maintenance and upgrades.	Transcript Link

2020 06 19	NASA Johnson	https://youtu.be/OiGlZu4uScE	Space to Ground Alpha Guys 06 19 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 06 16	NASA Johnson	https://youtu.be/Vs-q_u4qjJs	The Fragile Earth Down To Earth - S1 E13	In celebration of the upcoming #SpaceStation20th anniversary, European Space Agency Astronaut Luca Parmitano, who has flown two missions, shares his new awareness of how we are changing and influencing our planet in this this episode of “Down to Earth – The Fragile Earth.” #SpaceStation20th	Transcript Link
2020 06 12	NASA Johnson	https://youtu.be/9RMqi-163hE	Space to Ground The Storm Above 06 12 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 06 05	NASA Johnson	https://youtu.be/-3xd5WjUtgc	Space to Ground A New Endeavour 06 05 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 05 29	NASA Johnson	https://youtu.be/CAy22HV1D0M	Space to Ground Dawn of the Dragon 05 29 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 05 28	NASA Johnson	https://youtu.be/0eYWLIc2Vjk	Some Space News	Space Anchor Chris Cassidy is here to deliver Some Space News It's a big week for the crew on the International Space Station! They've had some dynamic operations on Station, and there's more to come with the awaited arrival of NASA Astronauts Doug Hurley and Bob Behnken on the SpaceX Crew Dragon vehicle. Stay tuned for more space news and watch #LaunchAmerica Saturday May 30 at 3:22pm ET! _____ FOLLOW ASTRONAUT CHRIS CASSIDY Instagram: https://www.instagram.com/astro_seal/ FOLLOW NASA ASTRONAUTS Facebook: https://www.facebook.com/NASAAstronauts Twitter: https://twitter.com/NASA_Astronauts Instagram: https://www.instagram.com/nasaastronauts	Transcript Link

2020 05 26	NASA Johnson	https://youtu.be/OIRX9sjTcgk	Some Place Special Down To Earth - S1 E12	"It is heart-stopping, it is soul-pounding, it is breathtaking." In this episode of "Down to Earth - Some Place Special," NASA Astronaut and Flight Director TJ Creamer discusses the impact of viewing the Earth's natural wonders from space. #SpaceStation20th	Transcript Link
2020 05 22	NASA Johnson	https://youtu.be/oewIeat50EM	This is Doug Hurley	One of the astronauts who was on the last space shuttle mission almost nine years ago is about to fly again! NASA astronaut Doug Hurley is commanding the first SpaceX Crew Dragon flight with astronauts on board. Listen to him talk about the plans for this flight, his career as an astronaut and the keys to a successful spaceflight, and the immense team needed to make this flight a success. HD Download: https://archive.org/details/jsc2020m000155_This_is_Doug_Hurley _____ FOLLOW THE DOUG'S MISSION! Twitter: https://twitter.com/Astro_Doug Instagram: https://www.instagram.com/astro.doug FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 05 22	NASA Johnson	https://youtu.be/tIVtG4jsqEM	This is Bob Behnken	The first American astronauts to launch on an American rocket in almost nine years are about to make history, and this is your chance to learn who they are. NASA astronaut Bob Behnken talks about his career as an astronaut, what he expects on launch day and the upcoming flight to the International Space Station, and how his Air Force background prepared him for this experience. HD Download: https://archive.org/details/jsc2020m000154_This_is_Bob_Behnken _____ FOLLOW THE BOB'S MISSION! Twitter: https://twitter.com/AstroBehnken FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 05 22	NASA Johnson	https://youtu.be/on4uJ8C9ydg	%23LaunchAmerica Boosts Space Station Science	The International Space Station orbits more than 250 miles above the surface of our planet, offering the only platform for scientists to conduct long-duration research in microgravity. During its nearly 20 years of continuous occupation, the space station's residents have conducted almost 3,000 experiments in many scientific fields, as well as technology demonstrations. NASA's Commercial Crew Program is part of ongoing efforts to keep enough hands onboard to continue this legacy. Learn more: https://go.nasa.gov/2WQgu2p Learn more about the research being conducted on station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research	Transcript Link
2020 05 22	NASA Johnson	https://youtu.be/wL-11DBVB4g	Space to Ground Preparing for Launch 05 22 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 05 21	NASA Johnson	https://youtu.be/gu4o5KgnAQM	Know Your Crew! With Bob Behnken and Doug Hurley	The first astronauts ever to launch on a SpaceX rocket and crew vehicle have been training together for this flight for years, so you'd guess that they know each other pretty well. See for yourself—NASA's SpaceX Demo-2 astronauts, Doug Hurley and Bob Behnken, have fun answering questions about each other as they get set to make history. HD Download: https://archive.org/details/jsc2020m000153_Know_Your_Crew_With_Bob_Behnken_and_Doug_Hurley _____ FOLLOW THE CREW'S MISSION! Twitter: https://twitter.com/Astro_Doug Twitter: https://twitter.com/AstroBehnken Instagram: https://www.instagram.com/astro.doug FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 05 15	NASA Johnson	https://youtu.be/y475KP7RUro	Artemis Inside the Latest Achievements – Episode 24	NASA's Artemis program completed several milestones this quarter (Q1 2020) on its journey to take U.S. astronauts to the surface of the Moon. NASA's Orion spacecraft has completed a successful final test of the vehicle's Attitude Control Motor which steers and orients its launch-abort system. Inside Kennedy Space Center, launch control staff took part in multiple Firing Room Simulations to certify them for operations. Workers in Michoud Assembly Facility primed and prepped the Artemis II Liquid Oxygen Tank for post-proof testing whilst workers from the integrated recovery team conducted the 8th Underway Recovery Test of Orion for Artemis I. Take a look at all we've accomplished from testing our Orion spacecraft and building our Space Launch System rocket to graduating a new Artemis Generation class of astronauts and creating partnerships with private industry. Download from images.nasa.gov: https://images.nasa.gov/details-jsc2020m000142_Artemis_2020_Quarterly_1__ArtemisInsideTheLatestAchievements_Episode24_MP4	Transcript Link
2020 05 15	NASA Johnson	https://youtu.be/Ku9av0g7v9U	Space to Ground Fanning the Flames 05 15 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 05 13	NASA Johnson	https://youtu.be/i0OEF2cRa3E	Astronaut Chris Cassidy Meets Astrobee	It turns out that astronauts could use some help with their chores, just like many of us on Earth. Astrobee, a free-flying robotic system developed by researchers at NASA's Ames Research Center, will help astronauts reduce time they spend on routine duties, leaving them to focus more on the things that only humans can do. Current International Space Station Commander Chris Cassidy gives us a sneak peek into his workday with his “crewmates” - three robots named Honey, Queen and Bumble. HD download link: https://archive.org/details/jsc2020m000144_Chris_Cassidy_Astrobee _____ FOLLOW ASTRONAUT CHRIS CASSIDY Instagram: https://www.instagram.com/astro_seal/ FOLLOW NASA ASTRONAUTS Facebook: https://www.facebook.com/NASAAstronauts Twitter: https://twitter.com/NASA_Astronauts Instagram: https://www.instagram.com/nasaastronauts	Transcript Link
2020 05 08	NASA Johnson	https://youtu.be/52x2GMguPao	Space to Ground SLIME IN SPACE!!! 05 08 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 05 05	NASA Johnson	https://youtu.be/y_sAQdGprJM	Cross-Cutting Computational Modeling Project		Transcript Link

2020 05 01	NASA Johnson	https://youtu.be/iCyjTPLWbiU	Space to Ground Remote Science 05 01 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 04 24	NASA Johnson	https://youtu.be/jUvMkgRX9rg	Space to Ground For the Earth 04 24 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 04 22	NASA Johnson	https://youtu.be/oOxKJKyTJdU	Celebrating Earth Day from Above Down To Earth	In celebration of Earth Day's 50th Anniversary, hear NASA and International Astronauts recount their experiences of Earth during their time working and living on the International Space Station as it turns 20 years old this year. #SpaceStation20th #EarthDay50th If you missed an episode of "Down to Earth", watch other Astronauts describe their experiences in previous episodes of the series here. https://go.nasa.gov/2tkHsDf #SpaceStation20th	Transcript Link

2020 04 17	NASA Johnson	https://youtu.be/A6fCa4ReHX4	Commercial Crew Program What's It All About	NASA’s Commercial Crew Program is working with Boeing and SpaceX on launches to and from the International Space Station. Join NASA astronauts Suni Williams and Mike Hopkins as they explore the ins and outs of the Commercial Crew Program. This video will guide you through NASA’s partnerships with commercial companies and how these rockets will return American astronauts to launching from American soil for the first time since 2011. Learn about what will happen as the rocket heads toward the space station and how the crew capsule will safely return astronauts home. Be sure to visit https://www.nasa.gov/stem/ccp for more STEM educational resources to build on the excitement of the Commercial Crew launches with your students. Commercial Crew Next Gen STEM through NASA’s Office of STEM Engagement offers a way for K-12 students to learn more about this exciting moment in American history through engineering design challenges, coding activity, digital badging, virtual reality and more.	Transcript Link
2020 04 17	NASA Johnson	https://youtu.be/chjWbQXAQPk	Space to Ground Adversity and Triumph 04 17 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 04 16	NASA Johnson	https://youtu.be/lQlYG8hOgAs	Look Back at Earth with NASA Astronaut Andrew Morgan	On Friday, April 6, 2020, NASA Astronaut Andrew Morgan began his day by taking a peaceful look back at our planet, out of the International Space Station’s cupola. The cupola serves as a place for astronauts to gaze back at Earth, and take photographs as a part of the Crew Earth Observations investigation. Images like the ones Morgan is taking here, can help us monitor how our planet is changing over time, and inform important scientific research. https://go.nasa.gov/2Vk48xC HD download link: https://archive.org/details/jsc2020m000120_Look_Back_at_Earth-MXF Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research	Transcript Link

2020 04 10	NASA Johnson	https://youtu.be/O36rX_J9MHQ	Space to Ground Departing Baikonur 04 10 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 04 09	NASA Johnson	https://youtu.be/J5TFAuQI7U0	Expedition 63 - Soyuz MS 16 Hatch Opening - April 9, 2020	Expedition 63 Soyuz Commander Anatoly Ivanishin of Roscosmos and Flight Engineers Ivan Vagner of Roscosmos and Chris Cassidy of NASA arrived at the International Space Station April 9, docking their spacecraft to the Poisk module on the Russian segment of the complex. They completed the six-hour journey after launching earlier in the day in their Soyuz MS-16 spacecraft from the Baikonur Cosmodrome in Kazakhstan. A few hours after docking, Ivanishin, Vagner and Cassidy opened hatches between the spacecraft and were greeted by station Commander Oleg Skripochka of Roscosmos and Flight Engineers Jessica Meir and Andrew Morgan of NASA. As the hatches were opened, the families of the newly arrived crew members and American and Russian space officials viewed the activities from Baikonur and offered their congratulations to the newest residents of the outpost.	Transcript Link
2020 04 09	NASA Johnson	https://youtu.be/YUxU_F4xwFs	Expedition 63 - Soyuz MS 16 Docking Coverage - April 9, 2020	Expedition 63 Crew Arrives to the International Space Station Description: Expedition 63 Soyuz Commander Anatoly Ivanishin of Roscosmos and Flight Engineers Ivan Vagner of Roscosmos and Chris Cassidy of NASA arrived at the International Space Station April 9, docking their spacecraft to the Poisk module on the Russian segment of the complex. They completed the six-hour journey after launching earlier in the day in their Soyuz MS-16 spacecraft from the Baikonur Cosmodrome in Kazakhstan.	Transcript Link

2020 04 08	NASA Johnson	https://youtu.be/Xj9KASvck0E	T - 60 Seconds with Chris Cassidy	You've got to be pretty sharp to earn a bachelor's degree in math at the Naval Academy and a master's in ocean engineering from MIT. Navy Captain Chris Cassidy did both, and served eleven years as a Navy SEAL (four overseas deployments) before becoming a NASA astronaut. But you never really know someone, do you, until you know their favorite musical instrument and what they hope to be remembered for. Cassidy sheds light on these things, and more, as the clock counts down to his next trip to space. HD Link: https://archive.org/details/jsc2020m000100_T-60_Seconds_with_Chris_Cassidy Follow Chris' mission on Instagram: @astro_seal _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 04 06	NASA Johnson	https://youtu.be/6qCSSTYblHQ	Astronaut Moments Chris Cassidy	Life on board the International Space Station may not be exactly what you're imagining. But as he heads back for his third mission, astronaut Chris Cassidy says he'll be savoring every minute of it.	Transcript Link
2020 04 03	NASA Johnson	https://youtu.be/0Sf3Z60QPGk	Space to Ground Bartolomeo 04 03 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 03 27	NASA Johnson	https://youtu.be/FSjM-XzSazU	Astronaut Anne McClain's Tips for Living in Close Quarters	NASA astronaut Anne McClain spent 204 days living on the International Space Station and shares her tips for living in close quarters with only a few other people. She shares what human behaviors create a healthy culture for living and working remotely in small groups. Read her advice at: https://www.nasa.gov/feature/an-astronaut-s-tips-for-living-in-space-or-anywhere Learn more about how NASA helps prepare astronauts for the social isolation they will experience: https://www.nasa.gov/hrp/social-isolation	Transcript Link
2020 03 27	NASA Johnson	https://youtu.be/LWhAkLPlSnU	Space to Ground Embracing Self Isolation 03 27 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 03 26	NASA Johnson	https://youtu.be/qWCPGFe6DDk	Artemis I System Testing and Moving-Episode 23	Across America and in Europe, teams are building, moving, and testing the spacecraft, rocket, and launch systems that will send humans to deep space destinations through the Artemis Program. NASA's Orion, Space Launch System (SLS), and Exploration Ground Systems (EGS) programs are continuing work on one of the most sophisticated space system ever built in support of Artemis I. Artemis I will be the first in a series of increasingly complex missions in the Artemis Program, which will land astronauts on the surface of the Moon in 2024. Some major recent milestones include: Orion – Lift from Final Assembly and System Testing (FAST) Cell at Kennedy Space Center, FL; Command and Service Module Load onto Super Guppy at Kennedy Space Center, FL; Command and Service Module Arrival at Plum Brook Station, OH; Command and Service Module Testing at Plum Brook Station, OH. SLS – Core Stage Roll Out at Michoud Assembly Facility, LA; Core Stage Arrival and Lift to Test Stand at Stennis Space Center, MS. EGS – Core Stage Pathfinder Lift in Vehicle Assembly Building at Kennedy Space Center, FL; Mobile Launcher Arm Swing Test at Kennedy Space Center, FL; Mobile Launcher Roll Back to Vehicle Assembly Building at Kennedy Space Center, FL. Jsc2020m000102	Transcript Link

2020 03 24	NASA Johnson	https://youtu.be/L-TpUyfxHiY	Shining Oasis Down To Earth - S1 E11	In this episode of “Down to Earth - Shining Oasis,” David Saint-Jacques of the Canadian Space Agency recalls the first time he caught a glimpse of the Earth from the Soyuz capsule on his way to the space station. #SpaceStation20th	Transcript Link
2020 03 20	NASA Johnson	https://youtu.be/a0S4Th3FrhI	Space to Ground In Times of Adversity 03 20 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 03 13	NASA Johnson	https://youtu.be/m5tbJ7GvaVQ	Space to Ground 20x 03 13 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 03 10	NASA Johnson	https://youtu.be/6DR2_VnyinM	Tip Of The Iceberg Down To Earth - S1 E10	In this episode of “Down to Earth – Tip of the Iceberg,“ NASA astronaut Nick Hague shares how his time living and working in space changed his perception of life back on Earth. #SpaceStation20th	Transcript Link

2020 03 06	NASA Johnson	https://youtu.be/TlGBVqbZbBY	Space to Ground Making Space 03 06 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 02 28	NASA Johnson	https://youtu.be/I9f39S9wgB0	Space to Ground Investigating Bone Loss 02 28 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 02 28	NASA Johnson	https://youtu.be/bYJMJGaf2f8	Jessica Meir The Nature Of Exploration	Biologist Jessica Meir’s journey of discovery started before she became an astronaut on the International Space Station. Join her as she goes under the Antarctic Ocean to investigate the diving behavior of emperor penguins, studies how bar-headed geese can fly over the Himalayas, and now explores human physiology as a test subject for experiments seeking to learn how the human body responds to the absence of gravity. For more science in space, visit www.nasa.gov/stemonstation	Transcript Link

2020 02 26	NASA Johnson	https://youtu.be/vhwbxAmOZzg	Fired Up! Final Test of Orion Motor Critical to Astronaut Safety a Spectacular Success	On Tuesday, engineers at Northrop Grumman's facility in Elkton, Maryland successfully conducted the third and final test of the attitude control motor (ACM) that provides steering for the Launch Abort System (LAS) on NASA's Orion spacecraft, qualifying the motor for Artemis II, Orion's first mission with astronauts. The LAS, consisting of three solid rocket motors, is designed to carry crew to safety in the event of an emergency during launch or ascent atop the agency's Space Launch System rocket. During the 30-second test, eight high pressure valves directed more than 7,000 pounds of thrust in multiple directions while firing at freezing conditions. All three motors on the LAS will be qualified for crewed flights ahead of Artemis II, another step that brings NASA closer to sending the first woman and next man to the Moon by 2024.	Transcript Link
2020 02 25	NASA Johnson	https://youtu.be/BdpTS6l_AAs	A Work of Art Down To Earth - S1 E9	oIn this episode of "Down to Earth – A Work of Art," former NASA astronaut Nicole Stott recalls seeing home below during her time aboard the station. Stott explains how she experienced a shift in worldview known as "the Overview Effect," a term coined by space philosopher Frank White. #SpaceStation20th	Transcript Link
2020 02 21	NASA Johnson	https://youtu.be/E5sEcxiRPEQ	Space to Ground Liftoff from Virginia 02 21 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 02 14	NASA Johnson	https://youtu.be/o-iHIGLsDY4	Space to Ground Trailblazer 02 14 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 02 11	NASA Johnson	https://youtu.be/OR8rzsZCrNg	Enjoy the View Down To Earth - S1 E8	In this episode of “Down to Earth – Enjoy the View,” NASA astronaut Mike Foreman shares how his perception of Earth changed during his time in space. He explains a shift in his worldview known as “the Overview Effect,” a term coined by space philosopher Frank White. #SpaceStation20th jsc2020m000080	Transcript Link
2020 02 07	NASA Johnson	https://youtu.be/_a23CmZgIp8	Space to Ground Record Breaking 02 07 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2020 02 06	NASA Johnson	https://youtu.be/TebdIPAZ2WM	Advice on Returning to Earth for Astronaut Christina Koch from Scott Kelly	After 328 days in space, NASA astronaut Christina Koch has returned to Earth, now holding the record for longest single spaceflight by a woman. Former NASA astronaut Scott Kelly, who holds the record for longest single mission by an American astronaut at 340 days in space, offers his advice on getting used to life back on Earth. HD Download: https://archive.org/details/jsc2020m000073_Advice_on_Returning_to_Earth_for_Koch_from_Scott_Kelly_2 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss	Transcript Link
2020 02 06	NASA Johnson	https://youtu.be/NTEImgloGZg	Christina Koch's Memorable Moments Part 5	328 days—nearly 47 full weeks in space—is the new record for the longest single spaceflight ever by a female astronaut or cosmonaut, set today by NASA astronaut Christina Koch as she completed her mission with a Soyuz landing in Kazakhstan. Koch talks about some of her cherished memories from a journey that has her now ranked seventh among NASA astronauts for cumulative time spent in space. HD Download: https://archive.org/details/jsc2020m000060_Kochs_Memorable_Moments_Part_5 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss	Transcript Link
2020 02 03	NASA Johnson	https://youtu.be/mYEHGISJRYE	Christina Koch - Space Station Scientist	After almost a year in space, NASA astronaut Christina Koch is coming home. When Koch returns to Earth, she will have lived in space for 328 days, setting the record for the longest single spaceflight by a woman. During this record-setting mission, Koch spent many of her hours on science activities aboard the space station and wore many hats: farmer, biologist, physicist, engineer, test subject and many more. Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research	Transcript Link

2020 01 31	NASA Johnson	https://youtu.be/GKprm3whh6U	Christina Koch's Memorable Moments Part 4	The longest-ever single spaceflight by a female astronaut is now 322 days long, and still counting! Today NASA astronaut Christina Koch moved past her colleague Suni Williams into seventh place for most time spent in space among all American astronauts. With less than a week to go, Koch recalls the biggest surprise of the mission and the most memorable item she received on a cargo flight. HD Download: https://archive.org/details/jsc2020m000059_Kochs_Memorable_Moments_Part _4 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss	Transcript Link
2020 01 31	NASA Johnson	https://youtu.be/jdfC5S7P4OY	Space to Ground Luca's Record 01 31 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 01 28	NASA Johnson	https://youtu.be/QKXC6BuxbqA	Black Velvet of Space Down To Earth - S1 E7	In honor of the space station 20th anniversary, NASA Astronaut Bill McArthur shares his experience living and working in space aboard the International Space Station in this episode of "Down to Earth – Black Velvet of Space." As he describes it, he experienced a shift in his worldview known as "the Overview Effect," a term coined by space philosopher Frank White.	Transcript Link

2020 01 24	NASA Johnson	https://youtu.be/M6Olv_6d6UI	Space to Ground Upgrading the Station 01 24 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 01 23	NASA Johnson	https://youtu.be/B_g7kkta0L4	Christina Koch's Memorable Moments Part 3	The longest-ever single spaceflight by a female astronaut has reached 314 days (and counting), and during that time NASA astronaut Christina Koch has completed six spacewalks. Of all the memorable moments on this mission to the International Space Station, Koch has a soft spot for a few from her time spent outside the station. HD Download: https://archive.org/details/jsc2020m000058_Kochs_Memorable_Moments_Part_3 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss	Transcript Link
2020 01 21	NASA Johnson	https://youtu.be/O62LPeJwhRg	Train Like An Astronaut Kelly Marie Tran and Naomi Ackie	On December 11th, 2019, Kelly Marie Tran and Naomi Ackie from the film Star Wars: The Rise of Skywalker spent the day at NASA's Johnson Space Center training like astronauts and learning about NASA's plans to explore the Moon with the new Artemis program, which includes landing the first woman and next man on the lunar surface by 2024. Follow Tran and Ackie – used to traveling through galaxies far, far away – through their training with NASA astronauts Meghan McArthur and Jessica Watkins on a gravity offload system, in the Orion crew capsule, an exploration rover, and much more! Music from Star Wars: The Rise of Skywalker featured tracks include: Main FanFare, The Rise of Skywalker, and The Finale composed by John Williams.	Transcript Link

2020 01 17	NASA Johnson	https://youtu.be/isH8Sk_lNr4	Space to Ground Final Test 01 17 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 01 15	NASA Johnson	https://youtu.be/54zBlM0pwKo	Christina Koch's Memorable Moments Part 2	The longest single spaceflight ever by a female astronaut or cosmonaut is now 306 days long, with more to come. On top of adding to her total spaceflight time, NASA astronaut Christina Koch looks back over her long mission and recalls some favorite moments, including her favorite meal and most memorable view from orbit. HD Download: https://archive.org/details/jsc2020m000056_Kochs_Memorable_Moments_Part_2 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss	Transcript Link
2020 01 14	NASA Johnson	https://youtu.be/MU9vyZ6j-Us	Ever Changing Picture Down To Earth - S1 E6	As we enter the year the space station 20th anniversary, NASA astronaut Tracy Caldwell Dyson shares what stood out to her most about seeing Earth from orbit in this episode of "Down to Earth – Ever Changing Picture." The shift in worldview is inspired by space philosopher Frank White.	Transcript Link

2020 01 10	NASA Johnson	https://youtu.be/Io30ykoaogI	Space to Ground Descending Dragon 01 10 2020	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2020 01 09	NASA Johnson	https://youtu.be/AoAsHqAQNOQ	Christina Koch's Memorable Moments Part 1	NASA astronaut Christina Koch's record for the longest single spaceflight ever by a female astronaut or cosmonaut has reached a new milestone: today, it's been 300 days (and still counting) since her launch on March 14, 2019! She's racked up quite a few favorite moments so far—check out two of her most memorable. HD Download: https://archive.org/details/jsc2020m000003_Kochs_Memorable_Moments_Part_1 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss	Transcript Link
2020 01 09	NASA Johnson	https://youtu.be/8c0EW105TRw	Christina Koch Congratulatory – NC State University and NC School of Science and Mathematics	Students and teachers from the North Carolina School of Science and Mathematics and North Carolina State University, Christina Koch's high school and college, are saying #CongratsChristina today as she celebrates her 300th day in space.	Transcript Link
2019 12 31	NASA Johnson	https://youtu.be/Z28gK3zy6dg	Out of the Bubble Down To Earth - S1 E5	As we continue to celebrate the space station 20th anniversary, NASA astronaut Karen Nyberg shares what it was like to see the Earth from above during her two spaceflights in this episode of "Down to Earth – Out of the Bubble." As she describes it, she experienced a shift in her worldview known as "the Overview Effect," a term coined by space philosopher Frank White.	Transcript Link

2019 12 31	NASA Johnson	https://youtu.be/Xoz9we1KtMQ	2019 Space Station Science in Pictures	It has been a busy year of science aboard the International Space Station. In November, we kicked off the 20th year of continuous human presence aboard the space station, which so far has hosted 239 people and more than 2,700 science experiments. During the past year, research has ranged from growing leafy greens in microgravity to analyzing mining microbes to testing out autonomous robots. This research is benefiting people on Earth while helping prepare us to go forward to the Moon in 2024, and then on to Mars. Learn more: https://go.nasa.gov/36pXycY Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research	Transcript Link
2019 12 28	NASA Johnson	https://youtu.be/pQg25248bU	Christina Koch Congratulations from Students - December 28, 2019	Students and teachers from The North Carolina School of Science and Mathematics (NCSSM) and North Carolina State University, astronaut Christina Koch's high school and college, are saying #CongratsChristina today as she sets a new record for the longest single spaceflight by a woman.	Transcript Link
2019 12 28	NASA Johnson	https://youtu.be/o4csKVXsPn4	Christina Koch Congratulatory Message – Naomi Ackie and Kelly Marie Tran	NASA astronaut Christina Koch now has a new place in the record book, for the longest single spaceflight ever by a female astronaut or cosmonaut: 228 days as of December 28, and still counting. She's getting congratulations from Naomi Ackie and Kelly Marie Tran, two women who went to space "a long time ago in a galaxy far, far away!" HD Download: https://archive.org/details/jsc2019m001186_Christina_Koch_Congratulatory_Messages _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss	Transcript Link
2019 12 28	NASA Johnson	https://youtu.be/bEl8xWsDcqM	Christina Koch Congratulatory Message – Patricia Cornwell	NASA astronaut Christina Koch now has a new place in the record book, for the longest single spaceflight ever by a female astronaut or cosmonaut: 228 days as of December 28. Another record-breaker, author Patricia Cornwell, shares her well wishes for Christina, who adds a new number to her record each day! HD Download: https://archive.org/details/jsc2019m001186_Christina_Koch_Congratulatory_Messages _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss	Transcript Link

2019 12 28	NASA Johnson	https://youtu.be/L2WQR8zMWdI	Christina Koch Congratulatory Message – Peggy Whitson	NASA astronaut Christina Koch now has a new place in the record book, for the longest single spaceflight ever by a female astronaut or cosmonaut: 228 days as of December 28, and still counting. Take a look as the previous record-holder, former astronaut Peggy Whitson, sends her congratulations! HD Download: https://archive.org/details/jsc2019m001186_Christina_Koch_Congratulatory_Messages _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss	Transcript Link
2019 12 27	NASA Johnson	https://youtu.be/4mNM492UlR8	Space to Ground Seeing 2020 12 27 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 12 23	NASA Johnson	https://youtu.be/3rn3-Mw9_TI	Expedition 61 Christmas Message	Although the astronauts aboard the International Space Station are spending the holidays apart from their families, they have the holiday spirit — and more than just a few of the most important festive supplies. Commander Luca Parmitano and NASA astronauts Christina Koch, Drew Morgan and Jessica Meir share their message for the holidays wrapping up 2019. HD Download: https://archive.org/details/jsc2019m001205_Expedition_61_Christmas_Message	Transcript Link
2019 12 17	NASA Johnson	https://youtu.be/FI9w95ezn4k	Swimming in the Universe Down To Earth - S1 E4	In anticipation of the space station 20th anniversary, NASA astronaut Mike Fossum shares how he experienced the universe differently during his time in low-Earth orbit in this episode of “Down to Earth – Swimming in the Universe.” This shift is known as "the Overview Effect," a term coined by space philosopher Frank White.	Transcript Link

2019 12 16	NASA Johnson	https://youtu.be/Z-hJM3tFP30	2019 Johnson Space Center Year in Review		Transcript Link
2019 12 13	NASA Johnson	https://youtu.be/cE4XMWkPwjw	Space to Ground Holiday Traffic 12 13 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 12 06	NASA Johnson	https://youtu.be/eO7BfiPvN38	Space to Ground Round Three 12 6 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 12 03	NASA Johnson	https://youtu.be/J_LNuLnjjpo	What Else is Out There Down To Earth - S1 E3	o One year ago today, NASA astronaut Anne McClain launched on her first spaceflight to the International Space Station. In this episode of “Down to Earth – What Else is Out There?” Anne recalls her first spacewalk and how it changed her perception of Earth. The shift in worldview is inspired by space philosopher Frank White. #SpaceStation20th	Transcript Link

2019 11 29	NASA Johnson	https://youtu.be/eJOIFi_icTI	Space to Ground Keeping it Cool 11 29 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 11 28	NASA Johnson	https://youtu.be/6OJCv8A7F7o	NASA Astronauts Read Fan Mail	We're thankful for YOU! In the spirit of Thanksgiving, our astronauts took time to answer some great questions from fan mail they received. Find out what it's like to be an astronaut and travel to space. Happy Thanksgiving to all, and keep sending us your fan mail! FOLLOW NASA ASTRONAUTS! Facebook: https://www.facebook.com/NASAAstronauts/ Twitter: https://twitter.com/NASA_Astronauts Instagram: https://www.instagram.com/nasaastronauts/ Special thank you to the following astronauts for sharing their favorite letters and answering questions: Chris Cassidy, Jeanette Epps, Nick Hague, Zena Cardman, Tracy Caldwell Dyson, and Reid Wiseman.	Transcript Link
2019 11 25	NASA Johnson	https://youtu.be/Us0rYH_i_LQ	Expedition 61 Thanksgiving Message	Right now, half of the crew members on board the International Space Station are American astronauts who are getting ready to celebrate Thanksgiving, and they have a message for us. Check in with NASA's Christina Koch, Jessica Meir and Andrew Morgan, to learn more about what the holiday means to them and get a look at what Thanksgiving in space will be like in 2019. HD Download: https://archive.org/details/jsc2019m001091_Expedition_61_Thanksgiving_Message _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 11 22	NASA Johnson	https://youtu.be/WAnlxR50Uu4	Space to Ground On A Roll 11 22 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 11 20	NASA Johnson	https://youtu.be/mGwANxGbM64	Science Launching On SpaceX CRS 19	The 19th SpaceX Commercial Resupply Services (CRS-19) contract mission for NASA carries a variety of cutting-edge scientific experiments to the International Space Station. Learn more about some of the scientific investigations riding on Dragon to the orbiting laboratory on CRS-19: https://go.nasa.gov/2qZGYBd Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research	Transcript Link
2019 11 19	NASA Johnson	https://youtu.be/w8za0FFO8O0	A Giant Astronomical Machine Down To Earth - S1 E2	As we celebrate the space station 20th anniversary, NASA astronaut Don Pettit explains how his perception of the Earth changed during his time aboard the space station.	Transcript Link
2019 11 15	NASA Johnson	https://youtu.be/bln6Q08PC_Q	Space to Ground Cosmic Repairs 11 15 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 11 14	NASA Johnson	https://youtu.be/O-JSEVMEYGE	Suiting Up for a Spacewalk	On Friday International Space Station commander Luca Parmitano of ESA (European Space Agency) and NASA's Andrew Morgan start a series of spacewalks to upgrade the cooling system on the Alpha Magnetic Spectrometer. Each of those spacewalk days will start with the lengthy process of getting into the spacesuits that support them as they float in the vacuum of space. Want to see what that looks like? Here's an accelerated view of the process, taken from an October 2019 spacewalk in which Parmitano helped Morgan and astronaut Christina Koch get ready for their spacewalk. HD Download: https://archive.org/details/jsc2019m000990_Suiting_Up_for_a_Spacewalk _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 11 08	NASA Johnson	https://youtu.be/EI1_rLqL3sM	Students Supporting Spacewalks	Did you know undergrad students are contributing to NASA missions? Check out the MicrogNExT Lone Star College-Cy Fair team's contribution to International Space Station spacewalks! Learn how you – the Artemis generation -- can contribute to NASA's mission by visiting stem.nasa.gov/artemis HD download link: https://archive.org/details/jsc2019m001008_Students_Supporting_Spacewalks	Transcript Link
2019 11 08	NASA Johnson	https://youtu.be/8CI9GcMUWog	Space to Ground Record-Breaking Delivery 11 08 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 11 04	NASA Johnson	https://youtu.be/zJytmFaypIk	It's Alive Down To Earth - S1 E1	"I never imagined in my entire life getting to see something that beautiful." In this episode of “Down to Earth – It’s Alive,” NASA Astronaut Reid Wiseman explains how seeing Earth from space compared to his expectations during his time aboard the space station. #SpaceStation20th	Transcript Link
2019 11 01	NASA Johnson	https://youtu.be/5L6egqnmlPo	Down To Earth - The Overview Effect	In “Down to Earth - The Overview Effect” NASA astronauts discuss a shift in worldview from their time living and working in space. The phenomenon is described in space philosopher Frank White's book, The Overview Effect: Space Exploration and Human Evolution. #SpaceStation20th	Transcript Link
2019 11 01	NASA Johnson	https://youtu.be/xGYdsx5x49g	Space to Ground Continuous Presence 11 01 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 10 25	NASA Johnson	https://youtu.be/EVft-Lu5fV0	Space to Ground Space Jam 10 25 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 10 23	NASA Johnson	https://youtu.be/_Ecc-wKfPc0	Astronauts Christina Koch and Jessica Meir reflect on the first All Woman Spacewalk MP4	NASA astronauts Christina Koch and Jessica Meir reflect on the historic spacewalk they performed on Oct. 18 – the first ever to be conducted by two women. They spent a total of 7 hours and 17 minutes in the vacuum of space. It was Koch's fourth spacewalk and Meir's first.	Transcript Link
2019 10 23	NASA Johnson	https://youtu.be/sR92iRovqTw	Lunar Geology from Apollo to Artemis	NASA's Artemis program will return Americans to the Moon by 2024 and help get us ready to go on to Mars. Join the next-to-last man on the Moon, Apollo astronaut Harrison Schmitt, and astronaut candidate Jessica Watkins at the Johnson Space Center's Moon rock lab where the two geologists discuss what we learned from our first Moon landings and what our next steps there can teach us. HD download at: https://archive.org/details/jsc2019m000912-Lunar_Geology_from_Apollo_to_Artemis_MXF Learn more about Artemis: https://nasa.gov/artemis Follow Johnson Space Center! Twitter: https://twitter.com/nasa_johnson Facebook: https://www.facebook.com/nasajsc Instagram: https://instagram.com/nasajohnson	Transcript Link
2019 10 22	NASA Johnson	https://youtu.be/VdTXCOkC8xQ	Orion Fuels Artemis	The Orion spacecraft is one of the major components of NASA's Artemis program, which will return humans to the Moon by 2024 in preparation for future missions to Mars. Astronaut Randy Bresnik explains the role of Orion, in conjunction with the Space Launch System, Gateway lunar outpost and new lunar lander, in carrying a new generation of astronauts to the surface of the Moon and then safely home again to Earth. _____ Learn more about Artemis: nasa.gov/artemis Follow Johnson Space Center! Twitter: https://twitter.com/nasa_johnson Facebook: https://www.facebook.com/nasajsc Instagram: https://instagram.com/nasajohnson	Transcript Link

2019 10 18	NASA Johnson	https://youtu.be/t8rI5i2HA48	Space to Ground History Made 10 18 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/stemonstation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 10 16	NASA Johnson	https://youtu.be/1lUhFvL49fo	Launch Abort System (LAS) Jettison Motor Hot Fire Test	A motor built by Aerojet Rocketdyne for the Launch Abort System (LAS) on NASA's Orion spacecraft was successfully tested by engineers at the Redstone Test Center on Redstone Arsenal in Huntsville, Alabama, October 16. During the third and final hot fire test, the jettison motor was fired for under two seconds in ambient temperatures to produce more than 40,000 pounds of thrust. With the series of static tests completed, Orion's LAS jettison motor is qualified and ready for flight on the Artemis II mission with astronauts. The LAS -- which will carry astronauts to safety in case of an emergency during launch or ascent -- consists of three motors, with the jettison motor being the last to fire. It ignites to separate the LAS from Orion for parachute deployment and a safe crew landing. The jettison motor also is the only part of the LAS that operates during normal mission scenarios, and detaches from Orion once it is no longer needed. The jettison motor is built by Aerojet Rocketdyne through a contract by NASA's prime contractor for Orion, Lockheed Martin.	Transcript Link
2019 10 16	NASA Johnson	https://youtu.be/OmIdSFMKZmA	Scientific Investigations Set for Space on Northrop Grumman CRS-12	A Northrop Grumman Cygnus spacecraft scheduled to liftoff in early November will carry supplies and scientific experiments to the International Space Station. The investigations making the trip range from research into human control of robotics in space to reprocessing materials for 3D printing. Read more: https://go.nasa.gov/2qgG96A Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research	Transcript Link

2019 10 11	NASA Johnson	https://youtu.be/-rvXYvFBUWk	Space to Ground Extravehicular Marathon 10 11 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 10 04	NASA Johnson	https://youtu.be/bEzE14HKr5o	Space to Ground A Slew of Spacewalks 10 04 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 09 27	NASA Johnson	https://youtu.be/TR7-YG3B1UE	Space to Ground New Arrivals 09 27 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 09 24	NASA Johnson	https://youtu.be/_G0JYeBEuIw	Astronaut Moments Jessica Meir- Exploring Extreme Environments	Astronaut Jessica Meir is no stranger to extreme environments. She's studied penguins in Antarctica and mapped caves in Italy, all of which prepared her for the ultimate extreme environment: space. For a version to download, please visit: https://images.nasa.gov/details-jsc2019m000717AstronautMoment_JessicaMeir_Extreme_Environments_Final_MP4	Transcript Link
2019 09 20	NASA Johnson	https://youtu.be/Ohc6WoPROxc	T-60 Seconds with Jessica Meir	You've got to know a lot to earn a master's degree in space science and a doctorate in marine biology, and that's before you consider all you need to learn to become a NASA astronaut. As it turns out, little of that knowledge applied as astronaut Jessica Meir sat for a barrage of questions just before her launch to the International Space Station—take a look. HD Download: https://archive.org/details/jsc2019m000512_T-60_Seconds_with_Jessica_Meir _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 09 20	NASA Johnson	https://youtu.be/F1P8dDYEvwA	Space to Ground Dress Rehearsals 09 20 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 09 18	NASA Johnson	https://youtu.be/8rv2Fv6iyc0	Space Station Microbiology Where People Go, Microbes Follow	Microbes – bacteria and fungi – live everywhere, even the International Space Station. Scientists at NASA's Johnson Space Center constantly monitor the station's microbial community and now are testing using DNA sequencing to identify its tiny residents without returning samples to Earth – an important step to keep crews, and the places they visit, safe on future deep-space missions. Read more about space station microbiology: https://go.nasa.gov/2IbtgAL Learn more about the research being conducted on station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD download link: https://archive.org/detailsjsc2019m000649_Space_Station_Microbiology	Transcript Link
2019 09 13	NASA Johnson	https://youtu.be/o1QW8zm3bJY	Space to Ground Counting Down 09 13 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 09 10	NASA Johnson	https://youtu.be/eiJAZSc-IQM	Designing Flames Aboard the International Space Station	The Flame Design investigation is studying the quantity of soot produced under different flame conditions. The results of this experiment occurring aboard the International Space Station could enable the design of flames that are more sooty or soot-free, and allow for the creation of burner designs which are more efficient and less polluting. Read more about this and other flame research aboard the International Space Station: https://go.nasa.gov/2LqSzja Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD download link: https://archive.org/details/jsc2019m000710_Designing-Flames-Aboard-ISS	Transcript Link

2019 09 06	NASA Johnson	https://youtu.be/sLJU_3UtkaQ	STEMonstrations Engineering Design - Trusses	The structure of the International Space Station relies heavily on a series of trusses engineered to withstand compression, tension, torsion and shear forces the station may encounter in low-Earth orbit. In this episode, Expedition 55/56 Flight Engineer Ricky Arnold explains the significance of these resilient structures and the forces they are up against in microgravity. Use the lesson plan that coincides with this video to emphasize the value of the engineering design process in your STEM classroom. Visit https://nasa.gov/stemonstation for more educational resources that explore the research and technology of the International Space Station.	Transcript Link
2019 09 06	NASA Johnson	https://youtu.be/K13uQoV3sb0	Space to Ground Category 5 09 06 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 08 30	NASA Johnson	https://youtu.be/s654YJ7PZg8	Beautiful World	There are times when it is helpful to take a step back and take in the big picture. Thank you @Space_Station, @irvinmayfieldjr, @HaleyReinhart and @KermitRuffins for reminding us that we are all in this together. #Expedition56 Featuring @Astro_Alex, @Astro_Feustel, @OlegMSK, and Sergey Prokopyev	Transcript Link

2019 08 30	NASA Johnson	https://youtu.be/280cKaJx30g	Space to Ground At the Midpoint 08 30 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 08 29	NASA Johnson	https://youtu.be/C0tr0FmOYW4	Researching Regolith on the International Space Station	NASA is committed to landing American astronauts, including the first woman and the next man, on the Moon by 2024. When we go, it will be critical to understand how to interact with regolith – the fine particles of dust that cover the Moon's surface, and the surfaces of small, airless bodies. We're using the International Space Station to study how regolith particles move in microgravity over a long period of time, in the Hermes facility recently launched to the orbiting laboratory. Read more about Hermes: https://go.nasa.gov/2UxraOZ Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD Link: https://archive.org/details/jsc2019m000631_Researching_Regolith_on_the_International_Space_Station	Transcript Link
2019 08 23	NASA Johnson	https://youtu.be/eP1_T8vKgwE	Preparing America for Deep Space Episode 22 Building & Testing for Artemis	NASA is working to land the first woman and the next man on the Moon by 2024. Teams across the country are charging ahead to make that happen as they build and test the Space Launch System (SLS) rocket, Orion spacecraft, and Exploration Ground Systems (EGS) at NASA's Kennedy Space Center. Some major recent milestones include: Orion – Spacecraft processing at the Operations & Checkout Building at NASA's Kennedy Space Center; Successfully testing the launch abort system during the Ascent Abort-2 Test at Cape Canaveral. SLS – Connecting the Liquid Hydrogen Tank to the Core Stage; loading the Liquid Oxygen Tank Structural Test Article onto the Pegasus Barge at Michoud Assembly Facility in New Orleans. EGS – Mobile Launcher (ML) Roll-Out to Launch Pad 39B; Water Flow Test with the ML; Lightning Tower Painting at Pad 39B; and the Tail Service Mast Umbilical Drop Test.	Transcript Link

2019 08 23	NASA Johnson	https://youtu.be/-V2WZ5tApoc	Orion's Launch Abort System Attitude Control Motor Test	Hot fire of the attitude control motor on Orion's launch abort system (LAS), the second to last test before it's qualified for Artemis 2 – the first flight with astronauts. The LAS is designed to pull Orion and its crew to safety in the event of an emergency during ascent.	Transcript Link
2019 08 23	NASA Johnson	https://youtu.be/6cCxaYVyuv4	Space to Ground Additional Parking 08 23 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 08 19	NASA Johnson	https://youtu.be/Nmil9vid4NY	IDA 3 Spacewalk Animation	An animation of the planned procedures for a spacewalk with Expedition 60 Flight Engineers Nick Hague and Andrew Morgan of NASA. The duo will assist in the installation of International Docking Adapter-3 (IDA-3) to Pressurized Mating Adapter-3 on the space-facing side of the station's Harmony module. IDA-3 will provide a second docking port to the International Space Station to accommodate the future arrivals of Boeing CST-100 Starliner and SpaceX Crew Dragon commercial crew spacecraft. The docking port was launched to the station in July 2019 on a SpaceX Dragon on the company's 18th commercial cargo resupply services mission to the station. IDA-2 was installed to the forward end of the Harmony module in the summer of 2016. NASA's commercial crew partnership with Boeing and SpaceX will restore launches of American astronauts from American soil on American rockets and maximize the time U.S. crews can dedicate to scientific research and technological advances aboard the orbiting laboratory to enable the agency's ambitious goals for the Artemis lunar exploration program and future missions to the Moon and Mars.	Transcript Link

2019 08 16	NASA Johnson	https://youtu.be/_LPDZ6gDzRw	Space to Ground Robotic Refueling 08 16 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 08 13	NASA Johnson	https://youtu.be/8obopaD8bXA	Biomining in Space	As humans plan expeditions to places such as the Moon and Mars, biomining could offer a way to obtain needed materials on other planetary bodies rather than bringing them from Earth. However, microbes and rocks interact differently outside of Earth's gravity, potentially affecting output from extraterrestrial biomining. A new investigation on the International Space Station is studying how microbes grow on and alter planetary rocks in microgravity and simulated Martian gravity. Read more: https://go.nasa.gov/2JHgJX5 Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD Link: https://archive.org/details/jsc2019m000619_Biomining_in_Space-MXF	Transcript Link
2019 08 09	NASA Johnson	https://youtu.be/HDV1IZ-RPyU	Space to Ground A New Mission 08 09 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 08 07	NASA Johnson	https://youtu.be/XEhgp2EhPao	Major Props! Orion Propulsion Test in New Mexico a Success	On Aug 5, engineers at NASA's White Sands Test Facility near Las Cruces, New Mexico, tested the Orion spacecraft's service module with a ground-based firing of its propulsion and pressurization systems. The 12-minute firing simulated an abort-to-orbit scenario – in which the system would fire long enough to place Orion in a safe, temporary orbit in the event of an issue setting Orion in the precise trajectory required to get to the Moon. That temporary orbit would allow time to evaluate the crew and spacecraft before deciding to either continue with an alternate mission profile, or return to Earth. A test version of the propulsion system was used to fire Orion's main engine and all eight of its auxiliary engines simultaneously. Each of the six reaction control thrusters were also periodically fired throughout the test to simulate attitude control and overall propulsion system capacity. Download link: https://images.nasa.gov/details-8-5-2019_Orion_PQM_WSTFshortFinal.html	Transcript Link
2019 08 02	NASA Johnson	https://youtu.be/DXs5NmRyFrU	Space to Ground Fast Track 08 02 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 07 26	NASA Johnson	https://youtu.be/W85SJE3krPE	Space to Ground Gateway to the Future 07 26 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 07 25	NASA Johnson	https://youtu.be/qDltkPn7J2s	Explore Your Project Ideas for Space Station	Have a science or technology idea? Flying experiments on the International Space Station is a unique opportunity to eliminate gravity as a variable, provide exposure to vacuum and radiation, and have a clear view of the Earth and universe. For more information on how you can conduct your research in microgravity, visit https://www.nasa.gov/stationopportunities HD Download Link: https://archive.org/details/jsc2019m000572_Explore_Your_Project_Ideas_for_Space_Station-MXF	Transcript Link
2019 07 19	NASA Johnson	https://youtu.be/h1Y3CeNA_AU	Space to Ground History's Greatest Adventure 07 19 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 07 18	NASA Johnson	https://youtu.be/zHUo5-6LKyg	Astronaut Training Then and Now	Mission training for astronauts reflects the missions themselves: rigorous. In the Apollo era, astronauts and engineers prepared for the unknown as much as possible, but knew how to improvise in unprecedented situations. Currently, we've set our sights on going further, and our modern technology has allowed us to train much more safely – all in pursuit of our next giant leap.	Transcript Link
2019 07 18	NASA Johnson	https://youtu.be/JD_B1QK-Jok	Astronaut Moments Drew Morgan	Description: Before launching to the International Space Station on the anniversary of Neil Armstrong's "giant leap for mankind," astronaut Drew Morgan was making his own giant leaps out of airplanes as part of his training. jsc2019m000608 AstronautMoment DrewMorgan Higher resolution file here: https://archive.org/details/jsc2019m000608_AstronautMoment_DrewMorgan_MXF	Transcript Link

2019 07 17	NASA Johnson	https://youtu.be/qXqlgub8neE	We Chose The Inspiration of Apollo	President John Kennedy's challenge to land men on the Moon and return them safely to Earth in the 1960s was meant to encourage the United States to do what was hard, and to achieve what was considered by many to be impossible. But the effect of that challenge, and of its realization, went even deeper: generations of men and women from around the world were inspired to commit to a lifetime of exploration, and the pursuit of the next giant leap. HD Download: https://archive.org/details/jsc2019m000363_We_Chose_the_Inspiration_of_Apollo _____ FOLLOW THE 50TH AT NASA/JSC https://www.nasa.gov/specials/apollo50th/ https://twitter.com/NASA_Johnson https://www.facebook.com/NASAJSC/	Transcript Link
2019 07 12	NASA Johnson	https://youtu.be/0mVyxtFIvj4	Camera Captures Orion Abort Test Mid-Air	During the successful test of Orion's launch abort system, known as Ascent Abort-2, a camera mounted on a ring connecting the crew module and launch abort system to its booster captured a view of Orion escaping the booster. After the booster separated, its motor continued to burn for several seconds and maintained stability, which allowed for a clear, mid-air view of the Orion elements continuing to execute the abort test. About 27 seconds after the abort is initiated and the Orion elements separate from the booster, the launch abort system's jettison motor is seen firing, releasing the capsule. The July 2 test demonstrated the Orion's launch abort system works during high-stress aerodynamic conditions and can pull the capsule to safety if an emergency ever arises during launch. The test was a critical milestone needed to help pave the way for Artemis missions with astronauts. HD download link: https://archive.org/details/NASA-Orion-Resource-Reel	Transcript Link
2019 07 12	NASA Johnson	https://youtu.be/Rww7zst5XhA	T-60 Seconds with Andrew Morgan	You've got to know about a lot of different subjects to graduate from West Point, and then become a doctor, and then become an astronaut (when you have to know some of it in Russian!). But, can you think fast on your feet? NASA astronaut Andrew Morgan has fun with a rapid-fire Q-and-A on non-technical topics as he finishes up preparations to launch to the International Space Station. HD Download: https://archive.org/details/jsc2019m000387_T_Minus_60_Seconds_With_Andrew_Morgan _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 07 12	NASA Johnson	https://youtu.be/m-KAT78zU3s	Space to Ground Farm-to-Table 07 12 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 07 08	NASA Johnson	https://youtu.be/FEjjEgiacIY	Highlights of Science Launching on SpaceX CRS 18 - July 8, 2019	Dozens of scientific experiments are scheduled to travel to the International Space Station aboard a Dragon cargo spacecraft in late July. This 18th SpaceX Commercial Resupply Services (CRS) contract mission for NASA blasts off from Cape Canaveral Air Force Station in Florida on a Falcon 9 rocket. The springboard to NASA's missions to the Moon and Mars, the space station also provides opportunities for other U.S. government agencies, private industry, and academic and research institutions to conduct microgravity research. Such research can lead to the development of new technologies, medical treatments and products that improve life on Earth. Read more about some of the science traveling to the space station on Dragon: https://go.nasa.gov/2KXUBJE Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research HD Link: https://archive.org/details/jsc2019m000569-Highlights_of_Science_Launching_on_SpaceX_CRS-18-MXF	Transcript Link
2019 07 05	NASA Johnson	https://youtu.be/H_qPWZbxFl8	Moving Water in Space - 8K Ultra HD	Water in space behaves… differently. Surface tension and capillary flow can be harnessed to move fluids in more efficient ways. What looks like fun could actually help us improve systems for moving fluids in microgravity, in things like fuel tanks for space travel. Find out more about fluid physics in space in our researcher’s guide: https://go.nasa.gov/2KShhuT Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research	Transcript Link

2019 07 05	NASA Johnson	https://youtu.be/y2nr6X1QN0g	Space to Ground On the Bubble 07 05 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 06 28	NASA Johnson	https://youtu.be/ZqK2zG8EWnY	Historic Mission Control	From this legendary room, America conducted some of its most amazing space missions. This video montage captures the significance of the Historic Mission Control Center at the NASA Johnson Space Center, which has undergone a massive restoration to bring the room back to life as it appeared during the Apollo era. Historians and technicians have made every effort to ensure historical accuracy and to preserve this room for future generations. As NASA looks to send humans deeper into space than ever before, the Historic Mission Control will serve as a reminder that anything is possible. jsc2019m000564	Transcript Link
2019 06 28	NASA Johnson	https://youtu.be/HvSz7DeeqSo	Space to Ground Back on Terra Firma 06 28 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 06 27	NASA Johnson	https://youtu.be/G4rrizQLmoo	Apollo Historic Mission Control Restoration Time-lapse	The Historic Mission Control center at the NASA Johnson Space Center has undergone a major restoration. From this legendary room America conducted some of its most historic space missions. This time-lapse videography shows the removal and return of the original consoles which were rebuilt with historically accurate buttons, lights and displays. The carpet, wallpaper, ceiling tiles and other elements of the room were also brought back to life to reflect the Apollo era look. Furnishings and other details were added to recreate the room as it appeared during the Apollo era, preserving our nation's history of human spaceflight for future generations. jsc2019m00562_HistoricMCC_Timelapse	Transcript Link
2019 06 27	NASA Johnson	https://youtu.be/fczAR0Hp7pw	Apollo Mission Control Media B roll	Apollo Mission Control Media Resource Reel jsc2019m000563	Transcript Link
2019 06 25	NASA Johnson	https://youtu.be/fw-jFxHn5WA	Expedition 59 Crew Lands Safely in Kazakhstan	Expedition 59 Commander Oleg Kononenko of Roscosmos and Flight Engineers Anne McClain of NASA and David Saint-Jacques of the Canadian Space Agency landed safely near the town of Dzhezkazgan, Kazakhstan June 24, U.S. time, after bidding farewell to their colleagues on the complex and undocking their Soyuz MS-11 spacecraft from the Poisk Module on the International Space Station. The trio spent more than six months in space conducting research and operational work in support of the station.	Transcript Link
2019 06 23	NASA Johnson	https://youtu.be/-L6AMwZDmhs	Space Station Research Intersecting the Magical and the Technical	At any given time, we have about 300 experiments being conducted aboard the International Space Station. Anne McClain shares an inspiring perspective on the research she's helped conduct. Learn more about the research being conducted on Station: https://www.nasa.gov/iss-science Follow Twitter updates on the science conducted aboard the space station: https://twitter.com/iss_research	Transcript Link

2019 06 21	NASA Johnson	https://youtu.be/13HJ62g4tPQ	Space to Ground Tending the Hive 06 21 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 06 20	NASA Johnson	https://youtu.be/Ol7foiNEAXo	Breathing for the Sake of Science	For five years, researchers with the European Space Agency have analyzed exhaled Nitric Oxide in astronauts' breath to detect dust and other toxins. Future astronauts on the Moon or Mars could inhale dust that has collected in their habitats or on their spacesuits potentially inflaming their airways. Monitoring a crewmember's airways could improve the mission environment and optimize crew health for a successful long-term mission. The research has also contributed to asthma diagnosis and treatment back on Earth. This week the crew completed the final session on the final subject for the investigation. More: https://go.nasa.gov/2WRPVeZ Follow updates on the science conducted aboard the space station on Twitter: https://twitter.com/iss_research For more information on how you can conduct your research in microgravity, visit https://go.nasa.gov/2q84LJj.	Transcript Link
2019 06 14	NASA Johnson	https://youtu.be/VVSGBneN9tk	Space to Ground Open for Business 06 14 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 06 07	NASA Johnson	https://youtu.be/mLQn0hI7CC0	Space to Ground Release the Dragon 06 07 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 05 31	NASA Johnson	https://youtu.be/ov_O0wyMFVA	Space to Ground Saluting an Icon 05 31 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 05 24	NASA Johnson	https://youtu.be/t5ps88groLs	Space to Ground The ABC's of DNA 05 24 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 05 17	NASA Johnson	https://youtu.be/CJffqAQpq9g	Spot the Station	Did you know there are six humans living in space, and you can see their home from your home? NASA astronaut Nick Hague shares how you can use spotthestation.nasa.gov to find out when the International Space Station will be visible from your town! HD Download: https://archive.org/details/Jjsc2016m00112_Spot_the_Station _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 05 17	NASA Johnson	https://youtu.be/F-CzttBEb_Y	Space to Ground Watching the Earth Breathe 05 17 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #AskNASA to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 05 10	NASA Johnson	https://youtu.be/_xAwDYXiVZk	Preparing America for Deep Space - Episode21 – Backbone of Lunar Exploration	NASA’s Orion, Space Launch System (SLS), and Exploration Ground Systems (EGS) programs are continuing work on one of the most complex and sophisticated space systems ever built. Across America and in Europe, teams are developing and building the spacecraft, rocket, and infrastructure necessary to send humans to deep space destinations including the surface of the Moon and beyond. Some major recent milestones include: Orion – Crew Module Uprighting System Test at Atlantic Beach, North Carolina; European Service Module Solar Array Expanded; Fit Check in the Super Guppy Aircraft; Ascent Abort-2 Launch Abort System Stacking and Integration at Kennedy Space Center in Cape Canaveral, Florida; Launch Abort System Attitude Control Motor Test in Elkton, Maryland. SLS – Liquid Oxygen Tank and Forward Skirt join at Michoud Assembly Facility in New Orleans, Liquid Hydrogen Tank Structural Test Article Unload from Pegasus Barge at Marshall Space Flight Center in Huntsville, Alabama; RS-25 Engine Testing at Stennis Space Center in Bay St. Louis, Mississippi; Core Stage-1 Engine Section and Boat Tail Completed and Mated at Michoud. EGS – at NASA’s Kennedy Space Center: Core Stage Intertank Umbilical Swing Testing; Launch Pad 39B Upgrades; Crawler Engine Maintenance.	Transcript Link

2019 05 10	NASA Johnson	https://youtu.be/HVTZNb-uTf0	Space to Ground Reservations for Seven 05 10 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #asknasa to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 05 09	NASA Johnson	https://youtu.be/tZupyfyfyl0	So You Want to Go to Mars Episode 4 How Does NASA's History Help Future Exploration	NASA has been exploring space for 60 years! Learn how 60 years of knowledge and discovery prepares us to go farther than humanity has ever gone before.	Transcript Link
2019 05 06	NASA Johnson	https://youtu.be/SGxGiD6rI9w	Expedition 59 SpaceX CRS 17 Installation May 6, 2019	U.S. COMMERCIAL CARGO CRAFT ARRIVES AT THE INTERNATIONAL SPACE STATION The unpiloted SpaceX Dragon cargo craft arrived at the International Space Station May 6, two days after launch atop a Falcon 9 rocket from the Cape Canaveral Air Force Station, Florida. Expedition 59 Flight Engineers David Saint-Jacques of the Canadian Space Agency and Nick Hague of NASA used the Canadian-built Canadarm2 robotic arm to capture Dragon before turning the operation over to robotic ground controllers who maneuvered Dragon for its installation to the Earth-facing port of the Harmony module where it was bolted into place for a month-long stay. Dragon is delivering almost three tons of supplies and scientific experiments to the orbital outpost.	Transcript Link

2019 05 03	NASA Johnson	https://youtu.be/c27zrOh6qkY	Space to Ground The Droids You're Looking For 05 03 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 04 30	NASA Johnson	https://youtu.be/dcsiIoQody4	Earth Views from the International Space Station	The International Space Station's High Definition Earth Viewing (HDEV) experiment is an external camera platform located on the Columbus module of the space station. In addition to providing beautiful views of Earth, one of the goals of HDEV is to monitor the longevity and quality of its image sensors in the space environment. HDEV operations began April 30, 2014 and only a single bad pixel has been identified. Testing new engineering processes and camera system longevity expanded into having avid Earth-viewing followers and educational activities. To date, HDEV has reached over 300 million total views on UStream. Learn more: https://www.nasa.gov/mission_pages/station/research/experiments/explorer/Investigation.html?#id=892 Watch the view from the space station: https://eol.jsc.nasa.gov/ESRS/HDEV/ https://www.youtube.com/c/NASA/live HD download link: https://archive.org/details/EarthViewsFromTheInternationalSpaceStation	Transcript Link

2019 04 26	NASA Johnson	https://youtu.be/orWZ1BXRg_Y	Space to Ground Extreme Exposure 04 26 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 04 19	NASA Johnson	https://youtu.be/pJXSxS8dA1s	Space to Ground Marathon Mission 04 19 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 04 18	NASA Johnson	https://youtu.be/XI9bgWEwv8c	Highlights of Science Launching on SpaceX CRS-17	A SpaceX Dragon cargo spacecraft scheduled to launch in late April takes supplies and a variety of scientific experiments to the International Space Station. Lifted into orbit by a Falcon 9 rocket from Cape Canaveral Air Force Station in Florida, the craft represents the 17th SpaceX Commercial Resupply Services contract mission for NASA. Read more about some of the scientific investigations traveling to the space station on this launch: https://go.nasa.gov/2GjYsME HD Link: https://archive.org/details/jsc2019m000282_Highlights_of_Science_Launching_on_SpaceX_CRS-17	Transcript Link

2019 04 12	NASA Johnson	https://youtu.be/H-UVSIIgxRw	Space to Ground Extended Duration 04 12 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 04 12	NASA Johnson	https://youtu.be/xv3uSmMBPPw	STEMonstrations Spacewalk Part 2 Spacesuits	During their time on the International Space Station many astronauts have the opportunity to participate in spacewalks, also known as Extravehicular Activities (EVA). These spacewalks play a critical role in keeping the station functional as it travels approximately 17,500 miles per hour 250 miles above the Earth's surface. In this episode, Expedition 55/56 Flight Engineer Ricky Arnold talks about the critical parts of the spacesuit that keep astronauts safe as they perform maintenance in the harsh environment surrounding the space station. Visit https://nasa.gov/stemonstation for more educational resources that explore the research and technology of the International Space Station. HD download link: https://archive.org/details/jsc2018m000905_STEMonstrations_Spacewalk_Part2_Spacesuits_MXF	Transcript Link
2019 04 12	NASA Johnson	https://youtu.be/J8xmbMZEXBk	STEMonstrations Spacewalk Part 1 Safety and Training	During their time on the International Space Station many astronauts have the opportunity to participate in spacewalks, also known as Extravehicular Activities (EVA). These spacewalks play a critical role in keeping the station functional as it travels approximately 17,500 miles per hour 250 miles above the Earth's surface. In this episode, Expedition 55/56 Flight Engineer Ricky Arnold talks about the extensive training needed for spacewalks on the ground prior to a mission on the space station, and how it helps prepare astronauts for spacewalks outside of the station in low-Earth orbit. Visit https://nasa.gov/stemonstation for more educational resources that explore the research and technology of the International Space Station. Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/stemonstrations_spacewalking.pdf HD download link: https://archive.org/details/jsc2018m000904_STEMonstrations_Spacewalk_Part1_Safety_and_Training_MXF	Transcript Link

2019 04 09	NASA Johnson	https://youtu.be/bSqrmRE5g3Y	Science on the Space Station Women's History Month Edition	Of the 64 women who have ever flown in space, 37 of them have spent time on board the International Space Station. In honor of Women's History Month, here's a look at a few of the women who have made history doing scientific research in Earth orbit. For more information, check out: http://www.nasa.gov/iss-science HD Video Download Link: https://archive.org/details/jsc2019m000184_Science_on_the_Space_Station_Womens_History_Month _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 04 09	NASA Johnson	https://youtu.be/GqRITyuIojY	Scientific Investigations Set for Space on NG CRS-11	A Northrop Grumman Cygnus spacecraft scheduled to liftoff no earlier than April 17 will carry supplies and scientific experiments to the International Space Station. For this mission, Northrop Grumman will use a new late load capability that allows time-sensitive experiments to be loaded just 24 hours before liftoff. More: https://go.nasa.gov/2UuJhcn Follow updates on the science conducted aboard the space station on Twitter: https://twitter.com/iss_research For more information on how you can conduct your research in microgravity, visit https://go.nasa.gov/2q84LJj.	Transcript Link
2019 04 05	NASA Johnson	https://youtu.be/9ylhxZc0So0	Space to Ground Express Delivery 04 05 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 04 02	NASA Johnson	https://youtu.be/6ILU7-945L8	Space-Grown Crystals Offer Clarity on Parkinson's Disease	Parkinson’s disease affects more than 5 million people on Earth. Research on the International Space Station could provide insight into this chronic neurodegenerative disease and help scientists find ways to treat and prevent it. In this video, NASA astronaut Serena Auñon-Chancellor narrates as European Space Agency (ESA) astronaut Alexander Gerst uses a microscope to examine and photograph the LRRK2 crystals. Learn more about this research: https://go.nasa.gov/2FtsPiY HD download link: https://archive.org/details/jsc2018m001032Space-Grown_Crystals_Offer_Clarity_on_Parkinsons_Disease-MXF Follow updates on the science conducted aboard the space station on Twitter: https://twitter.com/iss_research For more information on how you can conduct your research in microgravity, visit: https://go.nasa.gov/2q84LJj.	Transcript Link
2019 03 29	NASA Johnson	https://youtu.be/rBnjgOtiiME	Space to Ground Power Walking 03 29 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 03 26	NASA Johnson	https://youtu.be/5CzuwztCw-E	STEMonstrations Solar Energy	Solar energy is a key element in keeping the International Space Station functional as it provides a working laboratory for astronauts in the unique microgravity environment. Astronauts rely on this renewable energy source to power the electronics needed for research and survival. In this episode, Expedition 55/56 Flight Engineer Ricky Arnold explains the process of generating power from the solar arrays on the space station to produce electricity for astronauts as they orbit approximately 250 miles above the earth’s surface. Visit https://nasa.gov/stemonstation for more educational resources that explore the research and technology of the International Space Station. HD quality download of this video at: https://archive.org/details/jsc2018m000903-STEMonstrations_Solar_Energy_MXF	Transcript Link

2019 03 21	NASA Johnson	https://youtu.be/j1pNekMc3Co	Space to Ground Stepping Out 03 22 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 03 15	NASA Johnson	https://youtu.be/BwxctJQwn9I	Space to Ground Fire in the Sky 03 15 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 03 14	NASA Johnson	https://youtu.be/r7Dr3loRIH8	Nick Hague Recap	Think it’s been a busy last five months for you? Check out what NASA astronaut Nick Hague has been doing during the time he had expected to be on board the International Space Station. After an abort occurred following his first launch, Hague is poised for a return engagement at the launch pad in Kazakhstan and another effort to pursue his mission in space. Follow Nick @AstroHague! Twitter: https://twitter.com/astrohague Facebook: https://www.facebook.com/astrohague/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 03 13	NASA Johnson	https://youtu.be/KfljMbcN_AI	International Space Station Preparing For The New Era	The International Space Station has given us 20 years of scientific research and a platform to test and perfect a new fleet of vehicles. Check out this video to see how the knowledge we continue to gain from this orbiting laboratory is vital to our future in space. For an HD copy of this video: https://archive.org/details/jsc2018m001053_International_Space_Station_Preparing_For_The_New_Era_MXF.mxf	Transcript Link
2019 03 13	NASA Johnson	https://youtu.be/h5T37kIEXa8	5 Things You Didn't Know About Astronaut Christina Koch	Engineering and physics degrees? Check. Previous work for NASA? Another check. Experience working at the South Pole and America Samoa? Of course. But the “usual credentials” aren’t the whole story about astronaut Christina Koch. As she gets ready to launch on her first trip to space, check out her favorite extreme adventures, her dabbling with lightning, and a foreign trip that changed her perspective on life. HD download link: ttps://archive.org/details/jsc2018m001054_5_Things_You_Didn't_Know_About_Astronaut_Christina_Koch Follow Christina @Astro_Christina! Twitter: https://twitter.com/astro_christina Instagram: https://www.instagram.com/astro_christina _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 03 08	NASA Johnson	https://youtu.be/sEIK49joICE	Space to Ground A New Era 03 08 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 03 05	NASA Johnson	https://youtu.be/cKaZdxqygRM	Preparing America for Deep Space - Episode20 - Underway and Moving	NASA's Orion, Space Launch System (SLS), and Exploration Ground Systems (EGS) programs made huge strides in late 2018 and early 2019. Across America and in Europe, teams are developing and building the spacecraft, rocket, and infrastructure necessary to send humans to deep space destinations including the Moon and beyond. Some major recent milestones include: Orion – European Service Module Arrival and Processing at Kennedy Space Center; Exploration Mission-1 Orion Spacecraft Processing; Exploration Mission-2 Orion Spacecraft Construction at Michoud Assembly Facility; Ascent Abort-2 Jettison Motor Qualification at Redstone Test Facility. SLS – Liquid Hydrogen Tank Structural Test Article Processing and Transport; EGS – at NASA's Kennedy Space Center: Wet Flow Test at Launch Pad 39B Ascent Abort-2 Aeroshells Arrival; Exploration Mission-1 / Terminal Countdown Demonstration, Underway Recovery Testing in the Pacific Ocean.	Transcript Link
2019 03 01	NASA Johnson	https://youtu.be/kLY8q5Rnh0M	Astronaut Moments Christina Koch	It may not look like mountain climbing has much to do with being an astronaut, even though both involve great heights and special equipment. But NASA's Christina Koch says the concentration and control she learned in climbing helped her prepare to be an astronaut and to make the climb to space for her first mission to the International Space Station. For high resolution download visit: https://archive.org/details/jsc2018m001027_Astronaut_Moment_Koch_MASTER_MXF	Transcript Link
2019 03 01	NASA Johnson	https://youtu.be/mGd9bz52OqQ	Space to Ground An American Dawn 03 01 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 02 22	NASA Johnson	https://youtu.be/exNcWaUFIYY	Space to Ground Personal Space 02 22 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 02 15	NASA Johnson	https://youtu.be/XqyA0trJUqI	Space to Ground Busy as Astrobees 02 15 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2019 02 08	NASA Johnson	https://youtu.be/vrLivzPNNNA	Space to Ground Femtosatellites 02 08 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2019 02 01	NASA Johnson	https://youtu.be/_QgjalF62-Y	Space to Ground Packing and Prepping 02 01 2019	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 12 21	NASA Johnson	https://youtu.be/an6hE3g2LZM	'Twas the Apollo Before Christmas	The historic year 1968 was closed out by NASA with a first-of-its-kind accomplishment: putting human beings in orbit around Earth's Moon, a feat that also provided the people of Earth with their first-ever view of their planet from afar. So cozy up around the fire and join us to recall the events of fifty years ago which forged the path to those first footprints on the Moon. _____ For more on the Apollo missions: https://www.nasa.gov/specials/apollo50th/missions.html	Transcript Link
2018 12 21	NASA Johnson	https://youtu.be/pr0Mm-vbdxw	Space to Ground Holiday Homecoming 12 21 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 12 20	NASA Johnson	https://youtu.be/5czckmjorR0	So You Want to Go To Mars Episode 3 How Do We Send Humans to Deep Space	Discover all the elements needed to send humans to deep space. First, you'll need a spaceport! A spaceport has all the gear necessary to assemble and launch space systems. You'll need a rocket! The Space Launch System will be the largest, most powerful rocket that NASA has ever built. You'll also need a spacecraft! NASA's Orion is a unique and versatile spacecraft, one that is capable of taking astronauts into deep space and returning them safely home. For in-space exploration, you'll need the Gateway. This outpost will orbit around the Moon and will be a stepping stone for astronauts to travel deeper into the solar system, returning knowledge and discovery back to our home planet. Learn more about human exploration in deep space in this short animated video! HD download here: https://archive.org/details/jsc2018m000134_SoYouWantMarsE3_HowDoWeSendHumansDeepSpaceMXF.mxf	Transcript Link
2018 12 19	NASA Johnson	https://youtu.be/b0ggTjHwZJ4	2018 Johnson Space Center Year In Review		Transcript Link
2018 12 14	NASA Johnson	https://youtu.be/Vy28SQuw0Pw	Space to Ground A Second Chance 12 14 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 12 13	NASA Johnson	https://youtu.be/1AG9f0dmg2w	STEMonstrations Sleep Science	Establishing a routine for sleep is a key component to an astronaut's ability to function aboard the International Space Station. In this episode, Expedition 55/56 Flight Engineer Ricky Arnold discusses the crew sleeping quarters, why sleep is important and how they adapt for circadian rhythms aboard the station. Use the lesson plan that coincides with this video to invigorate your STEM classroom. Be sure to visit https://www.nasa.gov/stemonstrations for the Classroom Connection related to this video and more educational resources that explore the research and technology of the International Space Station. Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/stemonstrations_sleep-science.pdf HD download link: https://archive.org/details/jsc2018m000902-STEMonstrations_Sleep_Science_MXF	Transcript Link
2018 12 07	NASA Johnson	https://youtu.be/eP3iLOuo3Is	Space to Ground Four Orbits Later 12 07 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 12 03	NASA Johnson	https://youtu.be/0B9F0stb3s0	Robotic Refueling Experiment Heads to Space	Technology to make routine refueling of vehicles and satellites in space a reality will be tested on the International Space Station when the Robotic Refueling Mission 3 experiment arrives on the next SpaceX Dragon cargo ship. You can learn more about the plans for storing and transferring cryogenic fluids in zero g here: https://go.nasa.gov/2TRnoAR Follow updates on the science conducted aboard the space station on Twitter: https://twitter.com/iss_research For more information on how you can conduct your research in microgravity, visit https://go.nasa.gov/2q84LJj. HD download link: https://archive.org/details/jsc2018m000997_Robotic_Refueling_Experiment_Heads_to_Space-MXF	Transcript Link
2018 11 30	NASA Johnson	https://youtu.be/cXNoVoKgtG0	5 Things You Didn't Know About Astronaut Anne McClain	She's a native of Spokane, Washington and a colonel in the U.S. Army with a degree in astronautical engineering from West Point and a couple of master's degrees on top of that, but there's more to know about NASA astronaut Anne McClain on the eve of her first spaceflight. Check out these details: her unusual birthday request in the sixth grade, her favorite sport, and the fate that befell her favorite movie at the hands of her brother. Follow Anne @AstroAnnimal Twitter: https://twitter.com/AstroAnnimal _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 11 30	NASA Johnson	https://youtu.be/4LFM3VFSpsQ	Astronaut Moments Anne McClain	What does the game of rugby have to do with spaceflight? Former U.S. national rugby team player and current NASA astronaut Anne McClain explains how her time playing rugby has helped her prepare for a space mission. For HD download of this video please visit: https://archive.org/details/jsc2018m000822_AstronautMoments_AnneMcClain_MXF	Transcript Link

2018 11 30	NASA Johnson	https://youtu.be/zvptkWTeSas	Space to Ground Constructive Ideas 11 30 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 11 28	NASA Johnson	https://youtu.be/TxJ69IYshJY	Highlights of Science Launching on SpaceX CRS-16	SpaceX is scheduled to launch its 16th commercial resupply mission to the International Space Station no earlier than Tuesday, Dec. 4. The Falcon 9 rocket will launch from Cape Canaveral Air Force Station in Florida carrying a cargo Dragon spacecraft loaded with supplies, equipment and scientific research for the crew aboard the orbiting laboratory. Investigations on this flight include a test of robotic technology for refueling spacecraft, a project to map the world's forests and two student studies inspired by Marvel's "Guardians of the Galaxy" series. More: https://go.nasa.gov/2TQx3I4 Follow updates on the science conducted aboard the space station on Twitter: https://twitter.com/iss_research For more information on how you can conduct your research in microgravity, visit https://go.nasa.gov/2q84LJj. HD download link: https://archive.org/details/JSC2018m000992_Highlights_of_Science_Launching_on SpaceX_CRS-16	Transcript Link
2018 11 23	NASA Johnson	https://youtu.be/1iMUwXP5nGA	Space to Ground The Beginning of Tomorrow 11 23 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 11 16	NASA Johnson	https://youtu.be/PD2d4jBSv1M	Space to Ground Honoring a Legend 11 16 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 11 14	NASA Johnson	https://youtu.be/FG409y1WN4M	Preparing America for Deep Space Episode 19 Showing Off Our Wares	Big progress continues to be made in 2018 for NASA's Orion, Space Launch System (SLS), and Exploration Ground Systems (EGS) programs. Teams across America and in Europe are developing and building the spacecraft, rocket, and infrastructure necessary to send humans to deep space destinations including the Moon and beyond. Some major recent milestones include: Orion – final Orion Airdrop Test Complete; AA-2, stacked and on track; Orion's EM1 Service Module Completed and ready for shipment from Bremen, Germany to the United States. SLS – SLS right on schedule with RS-25 engine tests; EM-1 LH2 Core Stage Tank Thermal Protection Application; Intertank for NASA's new rocket readied for final assembly; EGS – Mobile Launcher moves to the Vehicle Assembly Building; Liquid Oxygen Tail Service Mast Umbilical Install to Mobile Launcher; Mobile Launcher Swing Arm Test.	Transcript Link

2018 11 09	NASA Johnson	https://youtu.be/8kLw0mKU6Zk	Tissue Chips In Space	A small device that contains human cells in a 3D matrix represents a giant leap in the ability of scientists to test how those cells respond to stresses, drugs and genetic changes. About the size of a thumb drive, the devices are known as tissue chips or organs on chips. A series of investigations to test tissue chips in microgravity aboard the International Space Station is planned through a collaboration between the National Institutes for Health (NIH) (National Center for Advancing Translational Sciences (NCATS) and National Institute of Biomedical Imaging and Bioengineering (NIBIB) at the National Institutes for Health (NIH) and the Center for the Advancement of Science in Space (CASIS) in partnership with NASA. The Tissue Chips in Space initiative seeks to better understand the role of microgravity on human health and disease and to translate that understanding to improved human health on Earth. Read more about the Tissue Chips in Space Initiative: https://ncats.nih.gov/tissuechip/projects/space More: https://www.nasa.gov/tissue-chips Follow updates on the science conducted aboard the space station on Twitter: https://twitter.com/iss_research For more information on how you can conduct your research in microgravity, visit https://go.nasa.gov/2q84LJj.	Transcript Link
2018 11 09	NASA Johnson	https://youtu.be/iwZ0Agu-3kE	Space to Ground Surviving the Plunge 11 09 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ ion	Transcript Link

2018 11 02	NASA Johnson	https://youtu.be/1vDvKRtZmVw	Space to Ground Getting a Grip 11 02 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. To view the first 8K ultra high definition (UHD) video from the International Space Station: https://www.youtube.com/watch?v=7k2uKb9vCOI Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 10 29	NASA Johnson	https://youtu.be/a6Chhb75k_s	Checking In With The 2017 NASA Astronaut Class, Part 2	The 2017 NASA Astronaut Class has passed the one-year mark in their extensive training. Check out the video to see how much they've accomplished since the last time we saw them. Here's a look at the first time we checked in. https://www.youtube.com/watch?v=XuDUFKaVum0	Transcript Link
2018 10 26	NASA Johnson	https://youtu.be/29SIX6YFYGY	Space to Ground Neutron Dance 10 26 2018	DescNASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ ription	Transcript Link

2018 10 19	NASA Johnson	https://youtu.be/1VV6CwxJYtM	Space to Ground A Successful Failure 10 19 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 10 15	NASA Johnson	https://youtu.be/Tu5BgjZRYKA	Science at 17,500 Miles Per Hour	The International Space Station is a unique scientific platform that enables researchers from all over the world to put their talents to work on innovative experiments in the microgravity environment, which could not be done anywhere else. Although each space station partner has distinct agency goals for station research, each partner shares a unified goal to extend the resulting knowledge for the betterment of humanity. We may not know yet what will be the most important discovery gained from the space station, but we already have some amazing breakthroughs. Learn more about the important research being operated on Station: https://www.nasa.gov/stationresearchnews HD Link: https://archive.org/details/jsc2018m000714_Science_at_17500_Miles_Per_Hour-MXF.mxf	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/3BoO0obihPs	ARES Arriving Realistically to Earth's Sister	Project Mars Film Competition Grand Prize ARES: Arriving Realistically to Earth's Sister A film by: Mark Belan, Hamilton, Ontario, Canada NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link

2018 10 10	NASA Johnson	https://youtu.be/MVY09DfbcyI	Rendezvous with Mars	Project Mars Film Competition Grand Prize Rendezvous with Mars A film by: Mayukh Goswami, Subigya Basnet, Divya More, New York City, New York, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/BISAsi3uyhM	LANDFALL OF HURRICANE MICHAEL FROM SPACE	Cameras outside the International Space Station captured views of Hurricane Michael at 12:58 p.m. EDT Oct. 10 from an altitude of 255 miles as the storm made landfall as a category 4 hurricane over the Florida panhandle. The National Hurricane Center reported maximum sustained winds near 150 mph with the potential to bring dangerous storm surge and heavy rains to the Florida panhandle area.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/45hEdNMUHpc	Red Dream	Project Mars Film Competition Grand Prize Red Dream A film by: Kamil Janko, Tychy, Silesia, Poland NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/CHzoZ98a2iY	NASA	Project Mars Film Competition Grand Prize NASA A film by: Alexey Khamkin, Saint Petersburg, Russian Federation NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link

2018 10 10	NASA Johnson	https://youtu.be/IbGpk8yG6CA	HIGHER	Project Mars Film Competition Grand Prize HIGHER A film by: Valentin Belleville, Seynod, France NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/vwc74Y3e774	Dreaming of Mars	Project Mars Film Competition Grand Prize Dreaming of Mars A film by: Ross Ziegelmeier, David Franklyn, Alicia Fernandez, London, United Kingdom NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/w53JFVZtwhA	92MARS	Project Mars Film Competition Grand Prize 92MARS A film by: Ricardo Bernardini, Orlando, FL, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/10Pb6xQ_IYY	What if	Project Mars Film Competition Grand Prize What if? A film by: Valera Boluchevsky, Moscow, Russian Federation NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link

2018 10 10	NASA Johnson	https://youtu.be/619bUFGsD5A	Expecting	Project Mars Film Competition Grand Prize Expecting A film by: Kalia Firester, Cambridge, MA, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/6IDeu5pjWuY	DREAM RED	Project Mars Film Competition Grand Prize DREAM RED A film by: Nik Hallik, Kevin Keator, Stanton, California, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/8tK8sAU-Cyk	On the Shoulders of Giants	Project Mars Film Competition Grand Prize On the Shoulders of Giants A film by: Eric Hayes, Calgary, Alberta, Canada NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/A87YPC3SBko	Redemption	Project Mars Film Competition Grand Prize Redemption A film by: Andrea Palaia, Tomide Olowoyo, Dallas, Texas, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link

2018 10 10	NASA Johnson	https://youtu.be/Cz4ib70kpZE	Approach	Project Mars Film Competition Grand Prize Approach A film by: Marion Parajes, Sean Casamento, Shanti Hands, Amanda Niles, Huntington Beach, CA, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/DpoIYI2cU7c	Morning Blue	Project Mars Film Competition Grand Prize Morning Blue A film by: Bas Hordijk, Daniel Pinto Nabais, Hoofddorp, Noord-Holland, Netherlands NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/LSgUf3SGXdg	Inevitable	Project Mars Film Competition Grand Prize Inevitable A film by: Luke Menard, Liam Trumble, Lafayette, Indiana, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/OBBBT4V0Acw	First Generation	Project Mars Film Competition Grand Prize First Generation A film by: Aaron Chavez, Round Rock, TX, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link

2018 10 10	NASA Johnson	https://youtu.be/VMxB55C2qeU	LEGO Dreaming of Mars	Project Mars Film Competition Grand Prize LEGO: Dreaming of Mars A film by: Wiliam Thomason, Austin, Texas, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/VwrWafrxsSE	We are Explorers	Project Mars Film Competition Grand Prize "We are Explorers" A film by: Michael Golez, Naga City, Camarines Sur, Philippines NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/iyncWZVONm0	Mayhem	Project Mars Film Competition Grand Prize Mayhem A film by: Lucas Lazarre, Bridgeport, Connecticut, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/ugwNv0E3hwM	Patience	Project Mars Film Competition Grand Prize Patience A film by: Tom Lansdown, North Berwick, East Lothian, United Kingdom NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link

2018 10 10	NASA Johnson	https://youtu.be/w7pkPkjRi3k	Forever Seeking	Project Mars Film Competition Grand Prize Forever Seeking A film by: Marius Krivičius, Lina Margaitytė, Vilnius, Lithuania NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/wuQK_2xUzsc	Godspeed	Project Mars Film Competition Grand Prize Godspeed A film by: Kyle Gallagher, David LeMoyne, Josh Bain, Sam Skelton, Kelly Hulderman, Guillaume Muller-Greven, Thomas Spurio, Cleveland Heights, OH, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/x0dPDLtTVjY	It's Time To Go Farther	Project Mars Film Competition Grand Prize It's Time To Go Farther A film by: Camille Ralston, Seabrook, TX, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link
2018 10 10	NASA Johnson	https://youtu.be/xJjEQYohgG4	Nomadic Cloud	Project Mars Film Competition Grand Prize Nomadic Cloud A film by: Zhounang Wang, Wai Ching Cheng, Los Angeles, CA, United States NASA is building a plan for Americans to orbit the Moon, land astronauts on the surface, and establish a lunar orbiting platform to host astronauts farther from Earth than ever before. The work NASA will do on the Moon in the coming years will serve as a critical precursor to an eventual series of crewed missions to Mars.	Transcript Link

2018 10 10	NASA Johnson	https://youtu.be/--Oy44w1cmY	5 Things You Didn't Know About Astronaut Nick Hague	He's a colonel in the U.S. Air Force, an astronautical engineer by training, and the first member of NASA's 2013 Astronaut Class to fly to space. But that just scratches the surface of what there is to know about Kansas native Nick Hague as he gets set to launch to the International Space Station. Check out more of the story: his favorite science fiction, his food craves, and the physical training that got him in shape to squeeze into a Soyuz spacecraft. Follow Nick @AstroHague! Twitter: https://twitter.com/astrohague Facebook: https://www.facebook.com/astrohague/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 10 09	NASA Johnson	https://youtu.be/TLxoWSBpBxE	SPACE STATION CAMERAS CAPTURE VIEWS OF HURRICANE MICHAEL	Cameras outside the International Space Station captured views of Hurricane Michael at 11:13 a.m. and 12:50 p.m. EDT Oct. 9 from an altitude of 255 miles as the storm churned over the Gulf of Mexico moving northwest at 12 miles an hour. Michael is expected to make landfall Wednesday, Oct. 10 as a category 3 hurricane over the Florida panhandle.	Transcript Link
2018 10 09	NASA Johnson	https://youtu.be/RKcxNsaLxEM	Astronaut Moments Nick Hague	The NASA astronaut headed to the International Space Station as part of Expedition 57-58, Air Force Colonel Nick Hague is the first member of the astronaut class of 2013 to fly to space. But Hague would be quick to say that this mission, like everything else he's done in his life, is the result of a team effort.	Transcript Link
2018 10 05	NASA Johnson	https://youtu.be/F9YUaAomNrI	Benefits for Humanity After the Storm	When Hurricane Maria devastated Puerto Rico in the fall of 2017, it had a profound effect upon the youth of the island. High above on the International Space Station, the astronauts living and working took notice. Joe Acaba, NASA's first astronaut of Puerto Rican descent, heard the heartbreaking stories of the island's youth and did all he could to connect. What transpired provided hope to thousands in a way that only the International Space Station could deliver. HD download link: https://archive.org/details/jsc2018m000424_After-the-Storm_MXF _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 10 05	NASA Johnson	https://youtu.be/_v97DjFoq8s	Space to Ground Hello, Goodbye 10 05 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/	Transcript Link
2018 10 04	NASA Johnson	https://youtu.be/IgvjLRNIrhk	Year of Education on Station Fun Facts	Check out this packed-with-info video to find out how many students, educators, and countries benefited from NASA's Year of Education on Station! YES consisted of astronauts and former teachers Joe Acaba and Ricky Arnold making the International Space Station their home on separate missions that ran from September 2017 through October 2018. While on board, they shared their love of STEM and their passion for teaching. Find out more of what NASA STEM Engagement has to offer at: https://www.nasa.gov/audience/forstudents/index.html	Transcript Link
2018 10 03	NASA Johnson	https://youtu.be/uE4k4P1nKuk	Tennis in Space	Expedition 56 crew members including NASA astronauts Drew Feustel, Ricky Arnold, and Serena Auñón-Chancellor, and European Space Agency astronaut Alexander Gerst embark upon a tennis match in space aboard the International Space Station. Commander Drew Feustel commented on the match saying, "Our match in space was pretty challenging due to the fact that we are in a microgravity environment. We did have a net, but the rules allowed the ball to go over or under the net. Also, there was no requirement for us to stay on the ground, so to speak, so we had the freedom to play on the walls, ceiling, or floor. The game space was a bit cramped so we could not really smack the ball without making it unplayable for our opponents. Also, we did not observe a service or base line or any lines for that matter. We just did not have them. We made a lot of modifications, including to the racquets." For more on the International Space Station, visit:www.nasa.gov/station	Transcript Link

2018 09 28	NASA Johnson	https://youtu.be/N7v4hnzA9e0	Space to Ground Kounotori 7 09 28 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 09 21	NASA Johnson	https://youtu.be/ddXdeNTYq_U	Houston We Have a Podcast Reach New Heights and Reveal the Unknown	The NASA Johnson Space Center's audio podcast goes visual for a special episode. On the day that Vice President Mike Pence came to Houston to talk about the future of NASA, we sat down with NASA Administrator Jim Bridenstine and Johnson Space Center Director Mark Geyer to get the details. They discuss the next exciting period in spaceflight and the mission and direction of America's space agency with show host Gary Jordan. Learn about the era of not only the International Space Station but the upcoming commercial crew missions, the commercialization of low Earth orbit, the plans for exploring the Moon and Mars, and much more. _____ FOLLOW THE PODCAST AND OTHER NEWS FROM NASA'S JOHNSON SPACE CENTER! Twitter: https://twitter.com/NASA_Johnson Facebook: https://www.facebook.com/NASAJSC/ Instagram: https://www.instagram.com/nasajohnson	Transcript Link
2018 09 21	NASA Johnson	https://youtu.be/AzEVBAJlaKE	Space to Ground Long Distance Call 09 21 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 09 20	NASA Johnson	https://youtu.be/sXudYIkkyE0	ADVISOR TO THE PRESIDENT IVANKA TRUMP SPEAKS WITH SPACE STATION CREW MEMBERS	Advisor to the President Ivanka Trump visited NASA's Johnson Space Center in Houston and its Mission Control Center on Thursday, Sept. 20, 2018, where she spoke with Expedition 56 crew members Commander Drew Feustel, Flight Engineers Ricky Arnold and Serena Auñón-Chancellor, all of NASA, Flight Engineer Alex Gerst of ESA (European Space Agency) and Flight Engineers Oleg Artemyev and Sergey Prokopyev of the Russian space Agency Roscosmos on board the International Space Station.	Transcript Link
2018 09 19	NASA Johnson	https://youtu.be/NjMuWXZgtQs	Studying Sediments in Space	Studying Sediments in Space Quantifying Cohesive Sediment Dynamics for Advanced Environmental Modeling (BCAT-CS) focuses on the study of forces between particles that cluster together by studying sediments of quartz and clay particles. By conducting the research aboard the International Space Station (ISS), it is possible to separate the forces acting on the particles over a short range (adhesive forces) versus those acting over a long range (cohesive forces). The quartz/clay system is commonly found in a wide variety of environmental settings (such as rivers, lakes, and oceans) and plays an important role in technological efforts related to deep sea hydrocarbon drilling and carbon dioxide sequestration. Learn more about BCAT-CS: https://go.nasa.gov/2p6WBSV HD download: HTTPS://archive.org/details/Studying_Sediments_In_Space_MXF _____ Follow updates on the science conducted aboard the space station on Twitter: https://twitter.com/iss_research For more information on how you can conduct your research in microgravity, visit https://go.nasa.gov/2q84LJj.	Transcript Link
2018 09 14	NASA Johnson	https://youtu.be/sdqkw2zL_0w	Space to Ground Above the Storm 09 14 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 09 14	NASA Johnson	https://youtu.be/z_3BOpVOPTY	Views of Hurricane Florence at Landfall	Cameras outside the International Space Station captured views of Hurricane Florence on Sept. 14 at 7:41 a.m. EDT minutes after the storm made landfall near Wrightsville Beach, North Carolina packing winds of 90 miles an hour. The National Hurricane Center said Florence is moving very slowly to the west at only 6 miles an hour, then is expected to turn to the southwest, increasing the threat for historic storm surge and catastrophic flooding to coastline areas and inland cities in North Carolina and South Carolina.	Transcript Link
2018 09 13	NASA Johnson	https://youtu.be/6x34twf7mOs	New Views of Hurricane Florence	High definition cameras outside the International Space Station captured new views of a somewhat weakened Hurricane Florence at 6:56 a.m. EDT Sept. 13 as it neared the U.S. Eastern seaboard. According to the National Hurricane Center, Florence is moving northwest with winds of 110 miles an hour. On the forecast track, the center of Florence will approach the coasts of North and South Carolina later today, then move near or over the coast of southern North Carolina and eastern South Carolina in the hurricane warning area tonight and Friday. A slow motion over eastern South Carolina is forecast Friday night through Saturday night. The region is facing potential catastrophic flooding from Florence with some rainfall totals predicted to reach 40 inches.	Transcript Link
2018 09 13	NASA Johnson	https://youtu.be/qPiT-Q4kaBE	Final Orion Parachute Test for Missions with Astronauts (Aerial views)	An Orion test capsule was dropped from a C-17 aircraft at an altitude of more than six miles to verify the spacecraft's complex system of 11 parachutes, cannon-like mortars, and pyrotechnic devices work in sequence to slow the capsule's descent for a safe landing on Earth. This test and a series of others have evaluated Orion's parachute performance during normal landing sequences, several failure scenarios, and a variety of potential aerodynamic conditions, to ensure the safe return of astronauts from deep space missions. It occurred Sept. 12 at the U.S. Army Yuma Proving Ground in Arizona, and was the final test to certify the system for missions with crew. Video credit: U.S. Army	Transcript Link
2018 09 12	NASA Johnson	https://youtu.be/YlEZ8Idogps	Final Orion Parachute Test for Missions with Astronauts	An Orion test capsule was dropped from a C-17 aircraft at an altitude of more than six miles to verify the spacecraft's complex system of 11 parachutes, cannon-like mortars, and pyrotechnic devices work in sequence to slow the capsule's descent for a safe landing on Earth. This test and a series of others have evaluated Orion's parachute performance during normal landing sequences, several failure scenarios, and a variety of potential aerodynamic conditions, to ensure the safe return of astronauts from deep space missions. It occurred Sept. 12 at the U.S. Army Yuma Proving Ground in Arizona, and was the final test to certify the system for missions with crew.	Transcript Link

2018 09 12	NASA Johnson	https://youtu.be/uyitOTGCCYo	Stark View of Hurricane Florence from ISS	A high definition camera outside the International Space Station captured a stark and sobering view of Hurricane Florence at 7:50 a.m. EDT on Sept. 12 as it churned across the Atlantic in a west-northwesterly direction with winds of 130 miles an hour. The National Hurricane Center forecasts additional strengthening for Florence before it reaches the coastline of North Carolina and South Carolina early Friday, Sept. 14. HD download link: https://archive.org/details/HurricaneFlorence180912	Transcript Link
2018 09 10	NASA Johnson	https://youtu.be/IJ2HKIoYln0	Dramatic Views of Hurricane Florence	Cameras outside the International Space Station captured dramatic views of rapidly strengthening Hurricane Florence at 8:10 a.m. EDT Sept. 10 as it moved in a westerly direction across the Atlantic, headed for a likely landfall along the eastern seaboard of the U.S. late Thursday or early Friday. Now a major hurricane with winds of 115 miles an hour and increasing, the National Hurricane Center says Florence's forecast track will take the system over the southwestern Atlantic Ocean between Bermuda and the Bahamas Tuesday and Wednesday, and Florence will approach the coast of South Carolina or North Carolina on Thursday. The station was flying 255 miles over the storm at the time this video was captured.	Transcript Link
2018 09 07	NASA Johnson	https://youtu.be/I8lGfUV3_ZQ	Space to Ground Batteries Included 09 07 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 09 04	NASA Johnson	https://youtu.be/WsTOhOYqq4w	Space Station Cameras Capture Views of Tropical Storm Gordon	Cameras outside the International Space Station captured views of Tropical Storm Gordon at 11:30 a.m. EDT Sept. 4 from an altitude of 255 miles as the storm churned over the northern Gulf of Mexico moving northwest at 15 miles an hour. Gordon was expected to make landfall tonight as a category 1 hurricane over the southeast Louisiana or southwestern Mississippi coastline.	Transcript Link

2018 08 31	NASA Johnson	https://youtu.be/sGuTEaR4h_g	Space to Ground Potential Game Changer 08 31 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 08 31	NASA Johnson	https://youtu.be/ezhKIPfEZII	Preparing America for Deep Space Episode 18 On The Move	Big progress continues to be made in 2018 for NASA's Orion, Space Launch System (SLS), and Exploration Ground Systems (EGS) programs. Teams across America and in Europe are developing and building the spacecraft, rocket, and infrastructure necessary to send humans to deep space destinations including the Moon and beyond. Some major milestones include: Orion – Orion tank integration, Engine Gimbal System Test, and Solar Wing Test in Bremen, Germany, Structural Test Article Testing in Littleton, CO, and Exploration Mission-3 Machining in Fountain Valley, CA and Brea, CA. SLS – Application of thermal protection to Launch Vehicle Stage Adapter, Intertank Structural test article lifted to test stand at Marshall Space Flight Center (MSFC), Orion stage adapter loaded onto Super Guppy at MSFC and shipped to Kennedy Space Center (KSC). LOX Flight Hardware move to Area 6 at Michoud Assembly Facility, and LH2 Structural Test Article move for thermal protection system processing at MAF. EGS – Flame Deflector Installation at Pad 39B (KSC), Crawler-Transporter 2 move to Pad 39B, Crawler lifts the Mobile Launcher, Water Deluge Test at Pad 39B. For HD copy: https://archive.org/details/jsc2018m000717_PreparingAmericaforDeepSpaceEpisode18_On The Move_MXF.mxf	Transcript Link
2018 08 29	NASA Johnson	https://youtu.be/v1Bej_a2tgM	STEMonstrations Water Filtration	Water filtration plays a key part in crew survival aboard the International Space Station. In this episode, Expedition 56 Commander Drew Feustel discusses the water recovery system used to recycle crew waste water for consumption. Use the lesson plan that coincides with this video to invigorate your STEM classroom. Be sure to visit https://www.nasa.gov/stemonstation for more educational resources that explore the research and technology of the International Space Station. Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/stemonstrations_water-filtration.pdf HD download link: https://archive.org/details/JSC2018m000488_STEMonstrations_Water_Filtration_MXF	Transcript Link

2018 08 22	NASA Johnson	https://youtu.be/fNHRGK3pILU	Dangerous Hurricane Lane approaches Hawaii	Cameras on the International Space Station captured views of Hurricane Lane churning in the Pacific Ocean Aug. 22 as it flew 254 miles south of the Hawaiian Islands at 12:47 p.m. EDT. At the time of the station's pass, Lane was a major hurricane packing winds of 155 miles an hour moving west-northwest on a track that would bring the storm close to or over the islands between Wednesday and Saturday. Hurricane warnings and watches were posted by the Central Pacific Hurricane Center in Honolulu for the entire island chain. HD download link: https://archive.org/details/JSC20180822HurricaneLane FOLLOW THE SPACE STATION Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 08 22	NASA Johnson	https://youtu.be/erGhIf55IVE	Astronaut Moment Serena Auñón-Chancellor	How do you rehearse for a space mission? One way Astronaut Serena M. Auñón-Chancellor prepared for space was by visiting extreme environments, under the sea and in the Antarctic. Find out how conducting research under the ocean and searching for meteorites in the snow prepared Serena for a mission to the International Space Station.	Transcript Link
2018 08 21	NASA Johnson	https://youtu.be/AyfMCNfcWSc	Angiex Cancer Therapy in Space	Did you ever see a cancer experiment up close? Here's your chance: watch as Flight Engineer Serena Auñón-Chancellor works with the Angiex Cancer Therapy experiment in the International Space Station's Destiny laboratory module. Auñón-Chancellor gives us a look as she grows and examines endothelial cells, which are important in the human body's blood supply system. Scientists want to know if the space-grown cells can improve testing methods for drugs which are aimed at choking off blood supply to cancerous tumors in the body. For more on Angiex, visit: https://www.nasa.gov/mission_pages/station/research/experiments/explorer/Investigation.html?#id=7502 HD Link: https://archive.org/details/jsc2018m000691_Angiex_Cancer_Therapy_in_Space-MXF _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link

2018 08 17	NASA Johnson	https://youtu.be/-DyKl307xKY	Space to Ground ICARUS Ascending 08 17 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 08 10	NASA Johnson	https://youtu.be/Csq8aAg5Y78	Space to Ground A Star to Steer By 08 10 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 08 09	NASA Johnson	https://youtu.be/HxiQwo5IFTA	A Day In The Life Of A NASA Intern	This video reveals the extraordinary ordinary life of a NASA Johnson Space Center intern! There is never a dull day with so many opportunities for exploration. Take a journey with one of our star interns— and who knows—one day you might make this journey yourself! The video tours you through NASA's Johnson Space Center in Houston which begins at Rocket Park where the Saturn V rocket is housed. The Saturn V rocket is the tallest, heaviest and most powerful rocket ever flown. NASA used the colossal Saturn V rockets primarily during the Apollo program to send Americans to the moon. Next, you see NASA's Neutral Buoyancy Laboratory, the giant pool where astronauts train for spacewalks. Mockups of the International Space Station are underwater in the 40-foot-deep pool. Finally, you see the Space Vehicle Mockup Facility which contains life-size mockups of the International Space Station and Orion spacecraft as well as a variety of robotic and engineering projects. To learn more about NASA internships, visit: https://intern.nasa.gov/ To learn more about NASA Johnson Space Center, visit: https://www.nasa.gov/centers/johnson/home/index.html Point of contact: Thalia Patrinos and Theo Sorg Director: Thalia Patrinos Video editing: Thalia Patrinos	Transcript Link
2018 08 05	NASA Johnson	https://youtu.be/_SYlObhyDgI	Live Interviews with Starliner and Crew Dragon Astronauts 8.3.181	Commercial Crew Program Astronauts Robert Behnken, Doug Hurley, Eric Boe, Chris Ferguson, and Nicole Aunapu Mann conduct a series of interviews with media on NASA-TV. (Part 1)	Transcript Link
2018 08 04	NASA Johnson	https://youtu.be/r38UygZMc0o	Live_Interviews_with_Starliner_and_Crew_Dragon_Astronauts_8.3.18_2	Commercial Crew Program Astronauts Robert Behnken, Doug Hurley, Eric Boe, Chris Ferguson, and Nicole Aunapu Mann conduct a series of interviews with media on NASA-TV. (Part 2)	Transcript Link

2018 08 03	NASA Johnson	https://youtu.be/Tmn9SiZZUmA	Space to Ground From American Soil 08 03 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 08 03	NASA Johnson	https://youtu.be/uwWLPW7ZG0Y	NASA Announces Crews for First Commercial Vehicle Flights	NASA announces the men and women who will be on board the first flights of the new spaceships built by Boeing and SpaceX when Americans are once again launched into space from the USA. The nine astronauts targeted to make the first flights on the Boeing Starliner and SpaceX Crew Dragon share their thoughts about the assignment and the importance of this new capability to support the International Space Station as part of the nation's overall space exploration plan. FOR MORE ABOUT THE COMMERCIAL CREW PROGRAM: https://www.nasa.gov/exploration/commercial/crew/index.html HD DOWNLOAD: https://archive.org/details/jsc2018m000647_NASA_Announces_Crews_for_First_Commercial_Vehicle_Flights _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 08 01	NASA Johnson	https://youtu.be/LlFCvOzdpoI	Tiny Organisms, Big Impact	Trillions of microorganisms live on and in the human body, many of them essential to its function and health. These organisms, collectively known as the microbiota, outnumber cells in the body by at least five times. Microorganisms in the intestinal tract, the gut microbiota, play an especially important role in human health. An investigation on the International Space Station, Rodent Research-7 (RR-7), examines how the gut microbiota changes in response to spaceflight, and how that change in turn affects the immune system, metabolic system, and circadian or daily rhythms. Read more about RR-7: https://www.nasa.gov/mission_pages/station/research/news/microbiota_research Follow updates on the science conducted aboard the space station on Twitter: https://twitter.com/iss_research For more information on how you can conduct your research in microgravity, visit https://go.nasa.gov/2q84LJj. HD DOWNLOAD: https://archive.org/details/jsc2018m000638_Tiny_Organisms_Big_Impact	Transcript Link
2018 07 31	NASA Johnson	https://youtu.be/1uCs2MKyYek	The Battle for Space Breakfast	Spatulas at the ready, teams of students from more than 30 high schools across the country faced off at Space Center Houston to find the best breakfast entrée to send to the crew on the International Space Station. Take a look at the action from the fourth annual High school students United with NASA to Create Hardware (HUNCH) Culinary Challenge, and the winning dish from Decatur High School in Decatur, Alabama. For more on the Culinary Challenge: http://hunchculinary.com/ HD Link: https://archive.org/details/jsc2018m000357_The_Battle_for_Space_Breakfast-MXF	Transcript Link

2018 07 27	NASA Johnson	https://youtu.be/ofNkfSdpOzM	Space to Ground Locally Grown 07 27 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 07 20	NASA Johnson	https://youtu.be/l9G1vfIpM5Y	Space to Ground Concrete Science 07 20 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link
2018 07 17	NASA Johnson	https://youtu.be/TGQx5todiHM	So You Want to Go to Mars Episode 2 What Does it Take to be a NASA Hero	There are many heroes at NASA, and they're not just astronauts. In this episode of "So You Want to Go to Mars?" we take a special behind the scenes look at spaceflight and discover the heroes that are solving the major challenges of our space missions today and in the future. For more information: www.nasa.gov For HD copy of this video: Archive.org: https://archive.org/details/jsc2018m000133_SoYouWantMars_E2_NASA_Heroes_MXF	Transcript Link

2018 07 13	NASA Johnson	https://youtu.be/ymxzfJmUO0w	Space to Ground Same Day Delivery 07 13 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 07 10	NASA Johnson	https://youtu.be/ul3f5xP0_bI	NASA's New Flight Directors 2018	Meet the six new flight directors selected to join the team leading human space flights from Mission Control at NASA's Johnson Space Center in Houston. These men and women join a team of 32 active flight directors who lead teams of flight controllers, payload customers and station partners, with overall responsibility to manage and carry out all human space flights, including those of American-made commercial spaceships and future flights of the Orion spacecraft to the Moon and beyond. Learn more about careers at NASA at: https://www.nasa.gov/careers HD Link: https://archive.org/details/jsc2018m000528_NASA_New_Flight_Directors_2018-MXF	Transcript Link
2018 07 06	NASA Johnson	https://youtu.be/pGpWuKaZKac	Preparing America for Deep Space Episode 17 Building the Future	Important strides have been made in 2018 for NASA's Orion, Space Launch System (SLS) and Exploration Ground Systems (EGS) programs. Teams across America and in Europe are developing and building the spacecraft, rocket and infrastructure necessary to send humans to deep space destinations including the Moon and beyond. Some major milestones include: Orion – parachute drop testing at the Yuma Proving Ground; Exploration Mission 2 crew module cone welding; Ascent Abort-2 crew module outfitting; crew module uprighting system testing; SLS – intertank test article transported to NASA's Pegasus barge at Michoud Assembly Facility and arrival at Marshall Space Flight Center; core stage engine section structural tests; successful RS-25 rocket engine testing; EGS – Orion crew module recovery rehearsal; crew access arm install on the Mobile Launcher; Interim Cryogenic Propulsion Stage umbilical install; Firing Room 1 demonstration. HD Archive link: https://archive.org/details/jsc2018m000527_2018_Quarterly01_MXF	Transcript Link

2018 07 06	NASA Johnson	https://youtu.be/zqVE_3Z6IiQ	Space to Ground Meet CIMON 07 06 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 07 01	NASA Johnson	https://youtu.be/NMc-5QGBPp8	Benefits for Humanity Fighting Cancer from Space	Robotic technology originally designed for the International Space Station is finding its way into healthcare by targeting breast cancer tumors. Dr. Mehran Anvari, chief executive officer at the Centre for Surgical Invention and Innovation (CSii), has developed a robotic procedure to provide MRI guided breast biopsies to women in remote areas through the use of telerobotic technology which was originally developed for robotics on the ISS. This video was created in conjunction with the Canadian Space Agency. HD download link: https://archive.org/details/JSC2018M000478_Fighting-Cancer-From-Space _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 06 29	NASA Johnson	https://youtu.be/wL13Ti3aV_E	Space to Ground Rocket's Red Glare 06 29 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 06 27	NASA Johnson	https://youtu.be/34bFgA3H3hQ	STEMonstrations Surface Tension	Surface Tension of water plays a unique role in living and working aboard the International Space Station. In this episode, Expedition 55/56 Flight Engineer Ricky Arnold demonstrates how water's molecular properties behave in microgravity. Use the lesson plan that coincides with this video to invigorate your STEM classroom. Be sure to visit https://www.nasa.gov/stemonstation for more educational resources that explore the research and technology of the International Space Station. Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/stemonstrations_surface-tension.pdf For an HD download: https://archive.org/details/jsc2018m000487-STEMonstrations_Surface_Tension_MXF	Transcript Link
2018 06 27	NASA Johnson	https://youtu.be/2SLlLAMIMLk	Highlights of Science Launching on SpaceX CRS-15	A new batch of science is headed to the International Space Station aboard the SpaceX Dragon on the company's 15th mission for commercial resupply services. Among the research being delivered is science that studies the use of artificial intelligence for crew support, plant water use all over the planet, gut health in space, more efficient drug development and the formation of inorganic structures without the influence of Earth's gravity. The International Space Station is a convergence of science, technology and human innovation that demonstrates new technologies and enables research not possible on Earth. The space station has been occupied continuously since November 2000. In that time, more than 230 people and a variety of international and commercial spacecraft have visited the orbiting laboratory. The space station remains the springboard to NASA's next great leap in exploration, including future human missions to the Moon and eventually to Mars. Highlighted investigations shown: Mobile Companion/CIMON: https://go.nasa.gov/2JCgPRf ECOSTRESS: https://go.nasa.gov/2sT87DV Angiex Cancer Therapy: https://go.nasa.gov/2LA1Cgc Rodent Research-7: https://go.nasa.gov/2JlVQlC Chemical Gardens: https://go.nasa.gov/2JDCYie Follow updates on the science conducted aboard the space station on Twitter:	Transcript Link

2018 06 22	NASA Johnson	https://youtu.be/X-9eIyWyGYU	Space to Ground Clearing the Cosmos 06 22 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 06 20	NASA Johnson	https://youtu.be/AGR3FiEkBwA	Eat Like an Astronaut	Astronauts on the International Space Station get food that's carefully chosen for its nutritional value and specially prepared and packaged to be easily accessible to them in a weightless world on orbit. Could the same food feed the needs of people stuck on planet Earth? We conducted an experiment to find out how well two regular people could get by eating only astronaut food for a full week—a week that included a holiday weekend feast, just to up the difficulty factor. Could they resist the lure of their favorite foods? Take a look at how they fared… HD Download: https://archive.org/details/jsc2018m000103_Eat_Like_an_Astronaut _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 06 19	NASA Johnson	https://youtu.be/LVqjvvLO5XY	Navigating Space by the Stars	A tool that has helped guide sailors across oceans for centuries is now being tested aboard the International Space Station as a potential emergency navigation tool for guiding future spacecraft across the cosmos. The Sextant Navigation investigation tests use of a hand-held sextant aboard the space station. Sextants have a telescope-like optical sight to take precise angle measurements between pairs of stars from land or sea, enabling navigation without computer assistance. NASA's Gemini missions conducted the first sextant sightings from a spacecraft, and designers built a sextant into Apollo vehicles as a navigation backup in the event the crew lost communications from their spacecraft. Jim Lovell demonstrated on Apollo 8 that sextant navigation could return a space vehicle home. Astronauts conducted additional sextant experiments on Skylab. Read more about the Sextant experiment happening aboard the space station: https://www.nasa.gov/mission_pages/station/research/news/Sextant_ISS HD Download: https://archive.org/details/jsc2018m000418_Navigating_Space_by_the_Stars	Transcript Link
2018 06 15	NASA Johnson	https://youtu.be/9WFP8rDXVp0	To Touch the Stars	NASA astronaut Scott Tingle's son wrote, produced, and sent to him in space the song "To Touch the Stars" in honor of his family's journey to reach his dreams. The video shows footage from Tingle's mission to the International Space Station as part of Expedition 54/55. He launched aboard a Soyuz spacecraft on December 17, 2017 and returned to Earth on June 3, 2018. This mission was the first for Tingle. He and his crew completed hundreds of experiments, including materials testing, a study of the effect of microgravity on the bone marrow and research into plant growth in space. He also completed one spacewalk. "To Touch the Stars" Writer, Producer, Musician: Sean Tingle Vocals: Madison Deadman To learn more about the International Space Station, visit: www.nasa.gov/station HD download link: https://archive.org/details/To-Touch-The-Stars	Transcript Link

2018 06 15	NASA Johnson	https://youtu.be/ksQSSuhovh8	Space to Ground Enhancing the View 06 15 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 06 13	NASA Johnson	https://youtu.be/J8dL7_obPwc	STEMonstrations Orbits	Watch NASA astronaut Scott Tingle demonstrate the orbit of spacecraft such as the International Space Station! Can you solve for the distance the station travels in one orbit around the planet? Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/stemonstrations_orbits.pdf For a high quality copy for download, visit: https://archive.org/details/jsc2018m000447_STEMonstrations_Orbits_MXF	Transcript Link
2018 06 08	NASA Johnson	https://youtu.be/Rg0wfmvtax4	Space to Ground Launches and Landings 06 08 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 06 05	NASA Johnson	https://youtu.be/8xiScHgbsd8	5 Things You Didn't Know About Astronaut Serena Auñón-Chancellor	So, you already know she's a doctor—a former flight surgeon!—with an engineering background, an Indiana native who graduated from high school in Colorado and went off to college with an eye toward working at NASA someday. But did you know that astronaut Serena Auñón-Chancellor has mismatched twin dogs, a background in martial arts, and a college baseball jones? Click to here to learn five things you didn't already know about the next American astronaut to launch to the International Space Station. HD Link: https://archive.org/details/Jsc2018m000349_5_Things_You_Didnt_Know_About_Astronaut_Serena_Aunon-Chancellor-MXF	Transcript Link
2018 06 01	NASA Johnson	https://youtu.be/MTZKlEr8fVw	Space to Ground Handoff 06 01 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 05 31	NASA Johnson	https://youtu.be/Ig3JIG8jk5M	Welcome Home Soyuz Landing In 360 VR	How'd you like to stand on the snowy ground of Kazakhstan to retrieve a crew returning from the International Space Station? If you'd like to do it without having to wear a parka, check out this 360 VR video captured in February 2018 and join NASA personnel on the last leg of the trip to pick up astronauts Joe Acaba and Mark Vande Hei and cosmonaut Alexander Misurkin at the end of Expedition 54 after five and a half months in space. Click in the frame and maneuver all around the scene, front and back, both sides, even straight up and straight down! VR/360 Video File Download: https://archive.org/details/jsc2018m000299_Welcome_Home_ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 05 25	NASA Johnson	https://youtu.be/Do-Q3dUjLoo	Space to Ground Cold Hard Science 05 25 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about the important research being operated on Station: https://www.nasa.gov/iss-science For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 05 18	NASA Johnson	https://youtu.be/9TeGPKAhJNc	Space to Ground Kilauea Volcano 05 18 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 05 17	NASA Johnson	https://youtu.be/K04oMDygu9Y	When Cool Science Gets Positively COLD	The new Cold Atom Lab (CAL) facility could help answer some big questions in modern physics. CAL produces clouds of atoms that are ten billion times colder than deep space. The facility uses lasers and magnetic forces to freeze the atoms until they are almost motionless. In the microgravity environment on the space station, it's possible to observe these ultra-cold atoms for much longer in than what's possible on the ground. The research done using CAL could potentially lead to a number of improved technologies, including sensors, quantum computers and atomic clocks used in spacecraft navigation. Read more at: https://coldatomlab.jpl.nasa.gov/ HD DOWNLOAD: archive.org/details/jsc2018m000350_When_Cool_Science_Gets_Positively_COLD	Transcript Link

2018 05 15	NASA Johnson	https://youtu.be/aKMqYhlnnyQ	Science Launching to Space Station Looks Forward and Back	Orbital ATK's Cygnus spacecraft is scheduled to launch its ninth contracted cargo resupply mission to the space station no earlier than May 20. Science and research delivered by the spacecraft includes a test of centuries-old sextant navigation and forward-thinking work advancing the orbiting lab's ability to support cutting-edge molecular research and its commercial capabilities. Also aboard will be the Cold Atom Lab (CAL), a facility to create a spot ten billion times colder than the vacuum of space, which could help answer some big questions in modern physics. The International Commercial Experiment, or ICE Cubes Service, tests and commissions the first European commercial system to increase access to this unique lab. Read more at: https://www.nasa.gov/mission_pages/station/research/news/OA9_research HD Link: https://archive.org/details/jsc2018m000315_Science_Launching_to_Space_Station_Looks_Forward_and_Back-MXF	Transcript Link
2018 05 14	NASA Johnson	https://youtu.be/Yn1h_D4NpZ4	Investigation Seeks to Create Self-Assembling Materials	As we travel farther into space, clever solutions to problems like engine part malfunctions and other possible mishaps will be a vital part of the planning process. 3D printing, or additive manufacturing, is an emerging technology that may be used to custom-create mission-critical parts. An integral piece of this process is understanding how particle shape, size distribution and packing behavior affect the manufacturing process. The Advanced Colloids Experiment-Temperature-7 investigation (ACE-T-7) aboard the International Space Station explores the feasibility of creating self-assembling microscopic particles for use in the manufacturing of materials during spaceflight. Read more about ACE-T-7 here: https://www.nasa.gov/feature/investigation-seeks-to-create-self-assembling-materials HD Link: https://archive.org/details/jsc2018m000297_Investigation_Seeks_to_Create_Self-Assembling_Materials-MX	Transcript Link

2018 05 11	NASA Johnson	https://youtu.be/shZgzWWJkj8	NASA Johnson Space Center Internship Experience	NASA Johnson Space Center Internship Experience Video Description: Discover internship opportunities at the NASA Johnson Space Center! This video shows some of the places interns work and some of the projects they contribute to. Interns work to make their mark and enjoy the entirety of the internship experience which includes touring laboratories and facilities, hearing lectures from astronauts and NASA's leaders, participating in professional and social committees (like Video Committee) even in spare time, and much more. Start your journey! For more on NASA internships: https://intern.nasa.gov/ https://nasajobs.nasa.gov/studentopps/default.htm For Johnson Space Center specific internships: https://pathways.jsc.nasa.gov/ https://www.nasa.gov/centers/johnson/education/interns/index.html Video download link: https://archive.org/details/NASA-Johnson-Space-Center-Internship-Experience ----------	Transcript Link
2018 05 11	NASA Johnson	https://youtu.be/fG_SrFDcyXU	Destination Station	When you can't come to the International Space Station, the essence of the space station can come to you! Beginning May 15, Destination Station arrives in Salt Lake City, UT to share the impacts of the station on our daily lives. Here's a peek at some of the ways you can learn more about what the International Space Station is doing right now. HD Link: https://archive.org/details/jsc2018m000321_Destination_Station-MXF _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 05 11	NASA Johnson	https://youtu.be/eE79qxNhkKY	Space to Ground Ready for a Walk 05 11 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 05 09	NASA Johnson	https://youtu.be/kzUXMrhAY28	Spinning Science Multi-use Variable-g Platform Arrives at the Space Station	The Multi-use Variable-gravity Platform (MVP) Validation mission will install and test the MVP, a new hardware platform developed and owned by Techshot Inc., on the International Space Station (ISS). Though the MVP is designed for research with many different kinds of organisms and cell types, this validation mission will focus on Drosophila melanogaster, more commonly known as the fruit fly. This platform will be especially important for fruit fly research, as it will allow researchers to study larger sample sizes of Drosophila melanogaster than in other previous hardware utilizing centrifuges and it will be able to support fly colonies for multiple generations. Feature Story Link: https://go.nasa.gov/2FUmEmx HD Link: https://archive.org/details/jsc2018m000314_Spinning_Science_Multi-use_Variable-g_Platform_Arrives_at_the_Space_Station-MXF	Transcript Link
2018 05 09	NASA Johnson	https://youtu.be/n66Q0rlUbxs	STEMonstration Nutrition	Watch NASA astronaut Scott Tingle demonstrate the importance of astronaut nutrition on the International Space Station! Do you have what it takes to stay healthy in space? Try developing your own astronaut menu! Check out https://www.nasa.gov/stemonstrations for this video's corresponding lesson plan and see more videos like this one. Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/stemonstrations_nutrition.pdf For a high quality copy for download, visit: https://archive.org/details/jsc2018m000319_STEMonstrations_Nutrition_MXF	Transcript Link

2018 05 04	NASA Johnson	https://youtu.be/ogVe90hg2NA	Space to Ground Releasing Dragon 05 04 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 05 03	NASA Johnson	https://youtu.be/XuDUFKaVum0	Checking In with the 2017 NASA Astronaut Class, Part 1	Have you wondered what NASA's new class of astronaut candidates has been up to since they arrived for training in August? The answer is, a lot! Get an inside look here, and then visit https://go.usa.gov/xQKMJ to find out more about the candidates and how you can follow them on social media. HD Download link: https://archive.org/details/jsc2018m000184_Checking_In_with_the_2017_Astronaut_Candidate_Class_Part_1 _____ FOLLOW THE ASTRONAUTS! https://www.nasa.gov/2017astronauts https://www.nasa.gov/astronauts/biographies/candidates https://www.nasa.gov/astronauts/ https://twitter.com/NASA_Astronauts	Transcript Link
2018 04 27	NASA Johnson	https://youtu.be/EWKSx88LYdQ	Space to Ground Color of the Sun 04 27 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 04 20	NASA Johnson	https://youtu.be/V4qe0bsXFoQ	Space to Ground Operating an Outpost 04 20 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 04 18	NASA Johnson	https://youtu.be/xEd2BENQ-kE	Go For Launch The Story of Your Science	Your science is heading to space, now let's make sure you get the most from it. We have a team of communicators who are ready to take your science and share it with the world, sparking potential collaboration and new opportunities. See how we take the information you provide to feed stories, videos, social media, and other communications efforts across NASA's highly visible platforms. Your science has a story. Help us share it. For more information, visit our Research Opportunities page: https://www.nasa.gov/mission_pages/station/research/research_information.html HD download link: https://archive.org/details/jsc2018m000179_Go_For_Launch-MXF.mxf	Transcript Link
2018 04 13	NASA Johnson	https://youtu.be/7AQ4iDpvtuY	Space to Ground Genes in Space 04 13 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 04 11	NASA Johnson	https://youtu.be/UCNNTwlu9kE	So You Want to Go to Mars Episode 1 International Space Station	So you want to go to Mars? The International Space Station (ISS) is helping us get there. This short 1.18 minute video highlights several ways the ISS is helping NASA extend human presence into deep space. Orion Spacecraft and SLS webpage https://www.nasa.gov/content/j2m-getting-to-mars-sls-and-orion International Space Station https://www.nasa.gov/mission_pages/station/main/index.html HD Download: https://archive.org/details/jsc2018m000132_SoYouWantToGoToMars_E1	Transcript Link
2018 04 06	NASA Johnson	https://youtu.be/OM1WXFZq3kk	Space to Ground A Learning Doubleheader 04 06 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 04 03	NASA Johnson	https://youtu.be/OpxGp2P48kI	STEMonstrations Kinetic and Potential Energy	Watch NASA astronaut Joe Acaba demonstrate kinetic and potential energy on the International Space Station by showing how an object's potential energy changes due to its position. How can potential be converted into kinetic energy? Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/stemonstrations_kinetic-potential-energy.pdf For a high-quality copy for download, visit: https://archive.org/details/jsc2018m000277_STEMonstrations_Kinetic_and_Potential_Energy	Transcript Link
2018 03 30	NASA Johnson	https://youtu.be/OWxBjIXDQCc	Alpha Space Small Business Makes Big Strides	The path to discovery and exploration is paved with determination, innovation, and most of all, big ideas. The International Space Station is home to many of those ideas and creating new ways for small businesses, entrepreneurs and researchers to test their science and technology in space every day.Formed in 2015 in response to the need for a commercial payload that would be available to private companies aboard the space station, Alpha Space is a woman- and minority-owned small business responsible for developing the Materials International Space Station Experiment Flight Facility (MISSE-FF). https://archive.org/details/jsc2018m000274_Alpha-Space-Small-Business-Makes-Big-Strides_MXF	Transcript Link

2018 03 30	NASA Johnson	https://youtu.be/FGneUrG2LKs	Space to Ground Upgrading the Outpost 03 30 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 03 23	NASA Johnson	https://youtu.be/9Yl1ryoDwWA	Space to Ground Night Launch 03 23 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 03 22	NASA Johnson	https://youtu.be/hKrSGGINxT4	Rooting for Answers Simulating G-Force in Plants	On Earth, plants use gravity and light to orient their roots and shoots, but in space, microgravity is too weak to provide a growth cue. The Gravity Perception Systems (Plant Gravity Perception) investigation germinates normal and variant forms of thale cress, a model research plant, to study the plants' gravity and light perception. Results provide new information about plants' ability to detect gravity and adapt to an environment without it. The investigation continues efforts to grow plants for food on future missions. HD Link: https://archive.org/details/jsc2018m000256_Rooting_for_Answers-MXF	Transcript Link
2018 03 21	NASA Johnson	https://youtu.be/ikAoDONksZc	Astronaut Moments with NASA astronaut Drew Feustel	Drew Feustel went from being an automobile mechanic to repairing the Hubble Space Telescope as a NASA astronaut. Now, he is preparing to launch to the International Space Station on March 21, 2018 to live and work aboard the orbiting laboratory for about six months. HD Link: https://archive.org/details/jsc2017m001161_AstroMoment_Feustel_MXF https://www.nasa.gov/astronauts/biographies/andrew-j-feustel https://www.nasa.gov/press-release/nasa-television-coverage-set-for-space-station-crew-launch-docking	Transcript Link

2018 03 21	NASA Johnson	https://youtu.be/QfQi4AqJIMk	Astronaut Moments with NASA astronaut Ricky Arnold	Ricky Arnold was selected to be an astronaut 2004. Before his NASA career, he worked in the marine sciences and as a teacher in places like Morocco, Saudi Arabia, and Indonesia. He recalls watching the Challenger accident with Christa McAuliffe, NASA's first "Teacher in Space". During his mission to the International Space Station launching on March 21, 2018, Ricky will conduct some of the lost lessons that Christa had planned to film during her mission. HD Link: https://archive.org/details/jsc2017m001162_AstroMoment_RickyArnold_MXF Learn more: https://www.nasa.gov/feature/nasa-challenger-center-collaborate-to-perform-christa-mcauliffe-s-legacy-experiments https://www.nasa.gov/astronauts/biographies/richard-r-arnold https://www.nasa.gov/press-release/nasa-television-coverage-set-for-space-station-crew-launch-docking	Transcript Link
2018 03 20	NASA Johnson	https://youtu.be/tPBXT1zUafo	5 Things You Didn't Know About Astronaut Ricky Arnold	Nine years after his first trip to space, NASA's Ricky Arnold is ready to begin his next adventure: a long-duration flight to the International Space Station. The former classroom teacher will be the point man for Year of Education on Station tasks during his mission, but his experience in schools around the world might match what he'll gain while circling the world—check out 5 Things You Didn't Know About Astronaut Ricky Arnold: Teacher Edition! HD Download link: https://archive.org/details/jsc2018m000151_5_Things_You_Didnt_Know_About_Astronaut_Ricky_Arnold _____ Follow Ricky's mission: Instagram: @astro_ricky Twitter: @astro_ricky FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 03 19	NASA Johnson	https://youtu.be/QVoBLElTO-g	5 Things You Didn't Know About Astronaut Drew Feustel	NASA Astronaut Drew Feustel is all set to start his third flight into space, his second to the International Space Station and his first as a long-duration crew member. We already knew he's from Michigan, has a doctorate in geological sciences, and has done six spacewalks—three on the Hubble Space Telescope—but did not know his secrets about his citizenship, his irrational fears, and his childhood dreams. Until now! HD Download: https://archive.org/details/jsc2018m000152_5_Things_You_Didnt_Know_About_Astronaut_Drew_Feustel Follow Drew's mission: Instagram: @astro_feustel Twitter: @astro_feustel _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 03 16	NASA Johnson	https://youtu.be/iUd3q4jf-ZE	Space to Ground Neuromapping 03 16 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 03 15	NASA Johnson	https://youtu.be/dCF--YOjiOw	STEMonstrations Newton's Third Law of Motion	Watch NASA astronaut Mark Vande Hei demonstrate Newton's Third Law of Motion on the International Space Station by exhibiting an equal and opposite force pair. What are some examples of equal and opposite force pairs on earth and in space? Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/stemonstrations_newtons-third-law.pdf For a high quality copy for download, visit: https://archive.org/details/Jsc2018m000190STEMonstrations_Newtons_Third_Law_of_Motion	Transcript Link

2018 03 13	NASA Johnson	https://youtu.be/9vYnJ2de-EM	International Space Station as Art	The International Space Station has been humanity's outpost in space for nearly two decades, hosting astronauts from around the globe working on groundbreaking science to push the boundaries in a variety of fields. NASA astronaut Randy Bresnik sought to capture the beauty of the immense spacecraft amidst the endless tangle of cables and hardware in this series of photos taken during his most recent stay onboard. HD LINK: https://archive.org/details/jsc2018m000189_ISS_As_Art Follow Randy Bresnik on social media at: https://twitter.com/astrokomrade https://www.instagram.com/astrokomrade _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 03 09	NASA Johnson	https://youtu.be/KdPnCWyetyo	Orion Crew Module for Ascent Abort-2 Arrives in Houston	NASA's Johnson Space Center is the center of activity leading the design and build up for a critical safety test of America's new exploration spacecraft. An Orion crew module was delivered to Houston last week for assembly and outfitting for the April 2019 Ascent Abort-2 test, to demonstrate the ability of the spacecraft's Launch Abort System to pull the crew module to safety if an emergency ever arises during ascent to space. Doing this work at JSC is part of a lean approach to development, to minimize cost and schedule risks associated with the test. HD Link: https://archive.org/details/jsc2018m000130_Ascent_Abort-2_Module_Arrives_in_Houston-MXF _____ FOLLOW ORION! Twitter: https://twitter.com/NASA_Orion/ Facebook: https://www.facebook.com/NASAOrion/ Instagram: https://www.instagram.com/explorenasa/	Transcript Link

2018 03 09	NASA Johnson	https://youtu.be/SXFpLREdKbs	Space to Ground A Unique Experience 03 09 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 03 02	NASA Johnson	https://youtu.be/qp7IhNV8xfc	Space to Ground Home at Last 03 02 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 02 26	NASA Johnson	https://youtu.be/sPZ2bjW53c8	STEMonstrations Newton's 2nd Law of Motion	Watch NASA astronaut Randy Bresnik demonstrate Newton's Second Law of Motion on the International Space Station by applying a force to objects of different mass. Do you see the differences in acceleration? Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/stemonstrations_newtons-second-law.pdf For a high quality copy for download, visit: https://archive.org/details/jsc2018m000122_STEMonstration_Newtons_Second_Law_of_Motion	Transcript Link

2018 02 23	NASA Johnson	https://youtu.be/0l5y8osoaLk	Space to Ground Successful Spacewalk 02 23 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about NASA's Heart to Heart curriculum: https://education.ti.com/html/nasa/activities-2.shtml For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 02 22	NASA Johnson	https://youtu.be/aDSJBG8aDUc	Benefits for Humanity From Space to Surgery	Robotic technology originally developed for the International Space Station is finding a new home in the operating room. MacDonald, Dettwiler and Associates (MDA), a Canadian Space Agency contractor, has collaborated with Synaptive Medical to create Drive, an automated robotic arm that tracks the movement of a surgeon's tools and helps to expedite brain and spinal surgeries. HD download link: https://archive.org/details/jsc2018m000125_B4H_From-Space-to-Surgery _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 02 22	NASA Johnson	https://youtu.be/0-wpj-XdTF8	Preparing America for Deep Space Exploration - Episode 16 Exploration On The Move	NASA is pressing full steam ahead toward sending humans farther than ever before. Take a look at the work being done by teams across the nation for NASA's Deep Space Exploration System, including the Space Launch System, Orion, and Exploration Ground Systems programs, as they continue to propel human spaceflight into the next generation. Highlights from the fourth quarter of 2017 included Orion parachute drop tests at the Yuma Proving Ground in Arizona; the EM-1 Crew Module move from Cleanroom to Workstation at Kennedy Space Center; Crew Training, Launch Pad Evacuation Scenario, and Crew Module Vibration and Legibility Testing at NASA's Johnson Space Center; RS-25 Rocket Engine Testing at Stennis Space Center; Core Stage Engine Section arrival, Core Stage Pathfinder; LH2 Qualification Tank; Core Stage Intertank Umbilical lift at Mobile Launcher; Crew Access Arm move to Mobile Launcher; Water Flow Test at Launch Complex 39-B. HD Version: https://archive.org/details/jsc2018m000123_DSES_Quarterly-2017-Q4	Transcript Link

2018 02 16	NASA Johnson	https://youtu.be/GMLi8XfWAg0	Space to Ground Light Storm 02 16 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 02 16	NASA Johnson	https://youtu.be/UKnDXqYZQyc	U.S. Spacewalk 48 Animation (Feb. 16, 2018)	The first task for spacewalkers Mark Vande Hei and Norishige Kanai is to move a Latching End Effector (LEE), or hand, for the Canadian-built robotic arm, Canadarm2, from a payload attachment on the station's Mobile Base System rail car to the Quest airlock. This LEE was replaced during an Expedition 53 spacewalk in October 2017 and will be returned to Earth to be refurbished and relaunched to the orbiting laboratory as a spare. Once they have completed that activity, they will move an aging, but functional, LEE that was detached from the arm during a Jan. 23 spacewalk and move it from its temporary storage outside the airlock to a long-term storage location on the Mobile Base System, which is used to move the arm and astronauts along the station's truss structure.	Transcript Link
2018 02 08	NASA Johnson	https://youtu.be/2cFi-n14-dw	Space to Ground Some Serious Science 02 08 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 02 03	NASA Johnson	https://youtu.be/QkQ4z4QjisA	Space to Ground Russian Spacewalk 02 02 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 02 01	NASA Johnson	https://youtu.be/_sbRqQ4YDec	One World Many Views	Taking a look at something from a different perspective can make all the difference—especially if your second angle is from 250 miles straight up! NASA astronaut Randy Bresnik took it to extremes during his mission to the International Space Station in 2017, shooting photographs of spots on Earth and matching them up with pictures he'd taken of the same locations when he'd visited them previously. Enjoy this sample of photo pairs, and check out the rest at #OneWorldManyViews Bresnik's Facebook https://www.facebook.com/AstroKomrade/ Bresnik's Twitter https://twitter.com/astrokomrade _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 01 26	NASA Johnson	https://youtu.be/ZvjK-U1R4mc	Fly Me to the Moon	Human spaceflight inspires humans to create art, in many forms—a collection of fiber art quilts entitled Fly Me To The Moon has been touring the country since late 2016 with more stops on the schedule. A group of those quilts was displayed at NASA's Johnson Space Center in Houston a year ago in recognition of the 50th anniversary of the Apollo 1 fire; curator Susanne Jones comments on the artistic elements of some of the pieces as well as the educational value of the exhibit to a nation inspired by space exploration. For more on the collection: http://www.susannemjones.com/fly-me-to-the-moon/ For more on Apollo: www.nasa.gov/apollo HD Download: https://archive.org/details/jsc2017m000324_Fly_Me_to_the_Moon	Transcript Link

2018 01 26	NASA Johnson	https://youtu.be/HIItDmg5Ww4	Space to Ground Christa's Lessons 01 26 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 01 26	NASA Johnson	https://youtu.be/02QbU89KzWc	Astronaut Moments Scott Tingle Guitarist	Before becoming an astronaut, Scott Tingle was in a rock band. He shares his story and how being in a band relates to his training as a NASA astronaut. Tingle is currently living and working aboard the International Space Station. More on Tingle: https://www.nasa.gov/astronauts/biographies/scott-d-tingle More on the space station: https://www.nasa.gov/mission_pages/station/main/index.html For a high resolution copy of this video, visit: Archive.org: https://archive.org/details/jsc2017m001124_AstronautMoments_Scott_Tingle_Guitarist	Transcript Link
2018 01 19	NASA Johnson	https://youtu.be/ZvlbcA9XhPU	Space to Ground Prepping for a Spacewalk 01 19 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information about STEM on Station: https://www.nasa.gov/audience/foreducators/stem_on_station/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2018 01 16	NASA Johnson	https://youtu.be/Sc8SDd_5Qfg	Putting the Brakes on Muscle Breakdown	Rodent Research-6 is a two-fold investigation aboard the International Space Station into the treatment of muscle loss in spaceflight, which may have implications for patients on Earth with muscle-wasting diseases. The experiment will study the effectiveness of a drug compound as well as the nano-channel drug delivery implant, a device implanted beneath the skin of the patient allowing for a constant, steady delivery of the drug. Rodent Research: https://www.nasa.gov/mission_pages/station/research/experiments/explorer/Investigation.html?#id=7423 HD Download: HD Download: https://archive.org/details/jsc2018m000072_Putting_the_Brakes_on_Muscle_Breakdown_MXF _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 01 12	NASA Johnson	https://youtu.be/2NqEVwcGawA	Space to Ground Rocket and Groot 01 12 2018	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2018 01 05	NASA Johnson	https://youtu.be/rrf8zhxd2rY	Exploration Mission-1 in a Minute	Exploration Mission-1 (EM-1) will be the first integrated flight of NASA's Space Launch System and Orion spacecraft and launch from the agency’s modernized spaceport in Florida. The uncrewed mission will send Orion thousands of miles beyond the Moon and is a critical flight test for NASA’s human deep space exploration goals. EM-1 lays the foundation for the first crewed flight of SLS and Orion, as well as a regular cadence of missions thereafter near the Moon and beyond. HD download link: https://archive.org/details/ExplorationMission-1_high-resolution.mxf	Transcript Link

2018 01 02	NASA Johnson	https://youtu.be/fna8PqoETVQ	2017 Space Station Science in Pictures	From molecular biology to fluid physics, life sciences and robotics, 2017 was a robust year for research aboard Earth's only microgravity laboratory. The International Space Station hosts more than 300 experiments during a given Expedition, each working to further space exploration and/or benefit life back on Earth. Here's a look back at just some of the science that happened on the orbiting laboratory. HD Download: https://archive.org/details/jsc2017m001167_2017_Space_Station_Science_in_Pictures _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 12 29	NASA Johnson	https://youtu.be/PEB4-bP2xho	Happy New Year from Space!	International Space Station crewmembers Joe Acaba, Scott Tingle, Norishige Kanai, and Mark Vande Hei share some of their favorite memories of ringing in a new year back on earth and give us an idea of what it will be like to watch our planet enter 2018 from their orbital outpost 250 miles above.	Transcript Link
2017 12 27	NASA Johnson	https://youtu.be/-0Tgdoz3pmg	Top 17 Earth Images of 2017	The astronauts and cosmonauts on the International Space Station take pictures of Earth out their windows nearly every day, and over a year that adds up to thousands of photos. The people at the Earth Science and Remote Sensing Unit at NASA's Johnson Space Center in Houston had the enviable job of going through this year's crop to pick their top 17 photos of Earth for 2017—here's what they chose! 4K and HD Versions: https://archive.org/details/jsc2017m001088_Top-17-Earth-Images-of-2017 Gateway to Astronaut Photography of Earth: https://eol.jsc.nasa.gov/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 12 22	NASA Johnson	https://youtu.be/NZagzFCWSCQ	Space to Ground 2017 12 22 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 12 21	NASA Johnson	https://youtu.be/DNlwMWYMDng	Christmas on the International Space Station	This month is the eighteenth December in a row that men and women from Earth have been on board the International Space Station during the Christmas holidays. As the Expedition 54 crew members prepare to celebrate in 2017, here's a quick peek at some of the Christmases past spent on board mankind's outpost orbiting 250 miles above the planet. HD Download Link: https://archive.org/details/Jsc2017m001158ChristmasOnTheInternationalSpaceStation _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 12 20	NASA Johnson	https://youtu.be/hqbm-FRBoho	Expedition 54's Christmas Memories	Flight Engineers Joe Acaba and Mark Vande Hei have been in space for three months already but they're both about to experience something for the first time: Christmas on the International Space Station. And although it's likely to be one they remember, both men have fond memories of Christmases past. Watch as these NASA astronauts recall childhood gifts from Santa, holiday trips to the tropics, and other cherished memories. HD Download: https://archive.org/details/jsc2017m001060_Expedition_54s_Christmas_Memories _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 12 19	NASA Johnson	https://youtu.be/sG7qtlZNTsI	Sequencing the Unknown	Being able to identify microbes in real time aboard the International Space Station, without having to send them back to Earth for identification first, would be revolutionary for the world of microbiology and space exploration, and the Genes in Space-3 team turned that possibility into a reality this year when it completed the first-ever sample-to-sequence process entirely aboard the space station. This advance could aid in the ability to diagnose and treat astronaut ailments in real time, as well as assisting in the identification of DNA-based life on other planets. It could also benefit other experiments aboard the orbiting laboratory. HD Download: https://archive.org/details/jsc2017m001160_Sequencing_the_Unknown _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 12 19	NASA Johnson	https://youtu.be/WO0JNwu0fk	2017 - Johnson Space Center Year in Review	HD Version: https://archive.org/details/jsc2017m000969_2017_JSC_Year-In-Review	Transcript Link

2017 12 15	NASA Johnson	https://youtu.be/sQsT5o6Lp-M	5 Things You Didnt Know About Astronaut Scott Tingle	The next crew to launch to the International Space Station includes one American astronaut making his first spaceflight: U.S. Navy Captain Scott Tingle, a Massachusetts native with a mechanical engineering education and a resume that includes deployments as an operational pilot plus the Navy Test Pilot School. Even though he's been an astronaut for eight years, there are a few things we didn't know about him—until now. Listen here for details on Tingle's childhood in New England, including the motor vehicles he raced and the floors he swept to earn the money to pay for it. HD Download: https://archive.org/details/jsc2017m000998_5_Things_You_Didnt_Know_About_Astronaut_Scott_Tingle _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 12 15	NASA Johnson	https://youtu.be/VWF7JunZ5tg	Space to Ground Down to Earth 12 15 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 12 15	NASA Johnson	https://youtu.be/Zgbt5oKrf5I	By the Numbers Expedition 53	If there's one thing we at NASA love more than acronyms, it's numbers—we count pretty much everything. Now that the International Space Station's Expedition 53 has concluded, we gathered up a few of the pertinent numbers to put this mission in perspective. HD Download: https://archive.org/details/jsc2017m001091_By_the_Numbers_Expedition_53 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 12 15	NASA Johnson	https://youtu.be/8xUOqk2f3vg	Astronaut Moments Scott Tingle Inspiration	NASA Astronaut Scott Tingle shares his inspiration for his career as an astronaut. On Sunday, Dec. 17, 2017, Tingle will launch to the International Space Station aboard a Soyuz vehicle at 2:21 a.m. ET (1:21 p.m. Baikonur time) from the Baikonur Cosmodrome in Kazakhstan. This will be his first spaceflight. More on Tingle: https://www.nasa.gov/astronauts/biographies/scott-d-tingle More on the space station: www.nasa.gov/station For a high resolution download, please visit: https://archive.org/details/jsc2017m0009_ScottTingle_AstronautMoment_Inspriation_MXF	Transcript Link
2017 12 12	NASA Johnson	https://youtu.be/EB7fKyIndIQ	Back in 60 Seconds	This week we'll see the 53rd set of crew members return to Earth from the International Space Station, but we'll only "see" it from the outside. What will the astronauts and cosmonauts see as they depart their home in space and return to the planet from whence they came? If you've got 60 seconds to spare, here's the insider's view of what a return to Earth on a Soyuz spacecraft looks like to the people on board. HD Download: https://archive.org/details/Jsc2017m000628BackIn60Seconds _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 12 11	NASA Johnson	https://youtu.be/V7YcSre8O-A	Space Debris Sensor	Orbital debris poses a risk to all spacecraft in Earth orbit, so the International Space Station is getting a new debris impact sensor to provide information on the micrometeoroid orbital debris environment in low Earth orbit. The Space Debris Sensor, launching on the next SpaceX Dragon cargo vehicle, will monitor impacts caused by small-scale orbital debris for a period of two to three years. That data will improve station safety by generating a more accurate estimate of the amount of small-scale debris that cannot be tracked from the ground and helping define better spacecraft shielding requirements. HD Download: https://archive.org/details/jsc2017m001151_Space_Debris_Sensor _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 12 08	NASA Johnson	https://youtu.be/aPKAhqy1ex4	Space to Ground California Wildfires 12 08 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 12 07	NASA Johnson	https://youtu.be/OXW1_s0hD_E	Meet the Expedition 55 56 Crew	NASA astronauts A.J. (Drew) Feustel and Ricky Arnold, and crewmate Oleg Artemyev of the Russian space agency Roscosmos, will launch to the International Space Station aboard the Soyuz MS-08 spacecraft, commanded by Artemyev, in March 2018, from the Baikonur Cosmodrome in Kazakhstan. This will be the second time in five months that two NASA astronauts will launch together on a Soyuz spacecraft to the space station. The trio will join the station's Expedition 55 crew, and return to Earth in August 2018 as members of Expedition 56. Arnold, a former classroom teacher, and Feustel will continue NASA's Year of Education on Station initiatives to inspire educators and students. This will be Feustel's third spaceflight, and Arnold and Artemyev's second. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 12 07	NASA Johnson	https://youtu.be/IssYrWDvv6w	STEMonstrations Exercise	Exercise is an integral part of the astronauts' daily routine aboard the International Space Station. In this STEMonstration, Expedition 53/54 Flight Engineer Joe Acaba stresses the importance of exercising in orbit, and dives into the science behind what happens to bones and muscles in microgravity. Try the activity in your classroom! https://www.nasa.gov/sites/default/files/atoms/files/bone-density-and-muscle-stress-in-microgravity.pdf For a high quality copy for download, visit: https://archive.org/details/jsc2017m001090_STEMonstration_Excercise_MXF	Transcript Link
2017 12 06	NASA Johnson	https://youtu.be/ZnU7y3xIYMM	Making Fiber Optics in Space	To demonstrate potential scientific and commercial merits of manufacturing exotic optical fibers in space, a private company is working with NASA on an investigation headed to the International Space Station on the next Dragon cargo ship. Matthew Napoli, vice president of In-Space Operations for Made In Space, explains how the Optical Fiber Production in Microgravity investigation could lead to the production of materials with better properties, setting the stage for large scale manufacturing of high-quality fiber in space. This investigation follows up on research conducted in the 1990s by scientists at NASA's Marshall Space Flight Center in Huntsville, Alabama. HD VERSION: https://archive.org/details/jsc2017m000907_Making-fiber-Optics-in-Space For more on space station science, please visit: Twitter: https://twitter.com/ISS_Research or @ISS_research Website: https://www.nasa.gov/mission_pages/station/research/experiments/2421.html	Transcript Link
2017 12 05	NASA Johnson	https://youtu.be/uirXgbTF19o	NASA Expands BEAM's Mission	The mission of the Bigelow Expandable Activity Module (BEAM) on the International Space Station has been, well, expanded. After more than a year and a half on orbit providing performance data on expandable habitat technologies, NASA and Bigelow Aerospace have reached agreement to extend the life of the privately-owned module. For a minimum of three more years, BEAM will be a more operational element of the station used in crew activities and on board storage, allowing time to gather more data on the technology's structural integrity, thermal stability, and resistance to space debris, radiation and microbial growth. HD VERSION: https://archive.org/details/Jsc2017m001123NASAExpandsBEAMsMission _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 12 02	NASA Johnson	https://youtu.be/z74OwRy8o9I	Pizza Night!	Pizza delivery to Space Station! Our Expedition 53 crew had a blast channeling our inner chef by building #tasty pizzas for movie night. Whose pizza looks the tastiest? What's it like to make pizza in space? Team skills come in handy when your food floats. FOLLOW RANDY BRESNIK! Facebook: https://www.facebook.com/AstroKomrade/ Twitter: https://twitter.com/AstroKomrade Instagram: https://www.instagram.com/astrokomrade/ HD download link: https://archive.org/details/GMT321_23_00_PaoloNespoli_PizzaNight _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 12 01	NASA Johnson	https://youtu.be/CIxP3c1r5jY	Space to Ground Packing Up 12 01 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 11 29	NASA Johnson	https://youtu.be/dJDfpxk0OtA	ARISS Enables First Educational Contact in Venezuela	Astronauts on the International Space Station use amateur radio to talk with students all over the world about life and work in space. In October, flight engineer Joe Acaba made an historic contact with the Maria Montessori Institute Educational Unit in San Cristobal, Venezuela: the first-ever educational ham radio contact in that country's history, courtesy of the Amateur Radio on International Space Station program. Here's a look at the excitement on the ground as more than a dozen elementary and middle school students got their chance to talk to a man in space. For more on ARISS: http://www.ariss.org/ HD Download Link: https://archive.org/details/jsc2017m001093_ARISS_Enables_First_Contact_in_Venezuela _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 11 22	NASA Johnson	https://youtu.be/GfSYT6PM-3Y	Space to Ground The Big Meal 11 23 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 11 20	NASA Johnson	https://youtu.be/u4m9bJat7BY	Expedition 53's Thanksgiving Memories	Being in space doesn't mean you have to miss a holiday—in fact, the American astronauts on board the International Space Station have been thinking about some of their past Thanksgivings, ones celebrated at a much lower altitude than the one they'll observe this year. Listen as Commander Randy Bresnik and Flight Engineers Mark Vande Hei and Joe Acaba recall times with family and friends, meat stuffing and the "traditional" Thanksgiving shrimp cocktail, and neighborhood meals served outside on the sidewalk. HD Download Link: https://archive.org/details/jsc2017m001059_Expedition_53s_Thanksgiving_Memories_MXF _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 11 17	NASA Johnson	https://youtu.be/qV7Q4vEb8EY	Expedition 53 Thanksgiving Message	Aboard the International Space Station, Expedition 53 Commander Randy Bresnik and his crewmates, NASA's Joe Acaba and Mark Vande Hei and Paolo Nespoli of the European Space Agency (ESA) offered their thoughts about being in orbit during the Thanksgiving holiday and the meals and food they will enjoy in orbit during a series of messages downlinked on Nov. 15. Bresnik and Nespoli are in the final weeks of their five and a half month mission on the station, heading for a landing in Kazakhstan on Dec. 14, while Acaba and Vande Hei will remain in orbit through late February.	Transcript Link
2017 11 17	NASA Johnson	https://youtu.be/llhiLkx1-M8	Space to Ground Stuffed with Science 11 17 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 11 10	NASA Johnson	https://youtu.be/HB2mbRySGDQ	Space to Ground 200th Episode 11 10 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 11 09	NASA Johnson	https://youtu.be/6HK9G7feXEk	NASA's Ascent Abort-2 Test of Orion	In a test targeted for Summer 2019 known as Ascent Abort-2, NASA will verify the Orion spacecraft's launch abort system, a tower on top of the crew module, can steer the capsule and astronauts inside it to safety in the event of an issue with the Space Launch System rocket when the spacecraft is under the highest aerodynamic loads it will experience during ascent for deep-space missions. The test is quick, fast and high, lasting less than three minutes with the test crew module reaching an average speed of Mach 1.5, roughly 1020 miles per hour, at approximately 32,000 feet in altitude. HD download link: https://archive.org/download/Orion_Ascent_Abort_2	Transcript Link
2017 11 09	NASA Johnson	https://youtu.be/3xQmcByutm4	Expedition 53 - 2017 Veterans Day Message	Aboard the International Space Station, Expedition 53 Commander Randy Bresnik, a retired Marine Corps Colonel, Flight Engineers Mark Vande Hei, a retired Army Colonel and Flight Engineer Joe Acaba, a former Marine reservist, paid tribute to veterans who have served the United States in the name of freedom during a downlink message recorded on Nov. 2. The three NASA astronauts asked that veterans never be forgotten, or their sacrifices to maintain democracy and freedom for all Americans.	Transcript Link
2017 11 08	NASA Johnson	https://youtu.be/MIYfox8wjPk	Orion Evacuation Evaluation	The latest in a series of tests to evaluate how well astronauts and ground crew can get out of the Orion spacecraft in an emergency on the launch pad was completed recently at NASA/Johnson Space Center's Space Vehicle Mockup Facility. Data gathered in a series of test runs will help engineers evaluate the design of the capsule and refine procedures to make sure everyone will be evacuated as quickly as possible in cases where the launch abort system is not required to be activated, such as crew illness or the presence of fire or toxins in the crew cabin. The first crewed test flight of Orion and the Space Launch System is targeted for the early 2020s. _____ FOLLOW ORION! www.nasa.gov/orion https://twitter.com/NASA_Orion https://www.facebook.com/NASAOrion/ HD download link: https://archive.org/details/jsc2017m001013_Orion-Evacuation-Evaluation	Transcript Link

2017 11 03	NASA Johnson	https://youtu.be/X0gxwDTSKw0	Space to Ground Space Spinners 11 03 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Connect with the Year of Education on Station on Pinterest at: https://www.pinterest.com/nasa/stem-on-station/ To join Sally Ride EarthKAM: https://www.earthkam.org/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 10 27	NASA Johnson	https://youtu.be/rgBKFEeXfww	The Sound (& Visions) of Silence	“Sharing the incomparable silent beauty of our planet with all our fellow travelers on this, our Spaceship Earth.” @SergeyISS @Astro_Paolo @Astrokomrade “Our thanks to Mr. Paul Simon and Disturbed.” “Our thanks to all the people within the partnership of the International Space Station who show us daily what heights we can achieve together.” “The Sound of Silence” Written by Paul Simon. SONGS OF UNIVERSAL, INC. on behalf of PAUL SIMON MUSIC. Performed by Disturbed. Courtesy of Warner Bros. Records. Captured by astronauts Sergey Ryazanskiy, Paolo Nespoli, and Commander Randy Bresnik, the video features stunning footage of Earth and outer space from the International Space Station in low-earth orbit during the months of August through October in 2017. For more on the International Space Station, visit: www.nasa.gov/station	
2017 10 27	NASA Johnson	https://youtu.be/IMh1KoC-xKA	Space to Ground One Orbit 10 27 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 10 26	NASA Johnson	https://youtu.be/oTWnoSuocMo	We are the Explorers 2017	Why do we explore? Simply put, it is part of who we are, and it is something we have done throughout our history. In NASA's new video, "We Are the Explorers," we take a look at that tradition of reaching for things just beyond our grasp and how it is helping us lay the foundation for our greatest journeys ahead. HD download link: https://archive.org/details/jsc2017m00975_WeAreTheExplorers_2017	Transcript Link
2017 10 20	NASA Johnson	https://youtu.be/05saig9k_qc	Space to Ground Teacher On Board 10 20 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 10 20	NASA Johnson	https://youtu.be/aLmvj6r5f7k	Podcast Live from Space Astronaut Photography	“Houston We Have a Podcast” streamed live on NASA TV and Facebook Live on October 13, 2017. Hosts Gary Jordan and Megan Sumner talk about astronaut photography with Expedition 53 crewmembers Randy “Komrade” Bresnik, Paolo Nespoli, Joe Acaba, and Mark “Sabot” Vande Hei. The crewmembers answer questions submitted on Facebook Live. In this podcast, we bring in the experts – NASA scientists, engineers, astronauts – all the folks that have the coolest information, the stuff you really want to know, right on the show to talk about everything NASA. Find more episodes of “Houston, We Have a Podcast” on iTunes, SoundCloud, Google Play and NASA.gov iTunes: https://itunes.apple.com/us/podcast/h... SoundCloud: https://soundcloud.com/nasa/sets/hous... Google Play: https://playmusic.app.goo.gl/?ibi=com... NASA.gov: https://www.nasa.gov/johnson/HWHAP	Transcript Link
2017 10 13	NASA Johnson	https://youtu.be/82t9Tk9dUHs	Fidget spinner spinning in space!	A fidget spinner in space! How long does it spin? I'm not sure, but it’s a great way to experiment with Newton’s laws of motion! Allowing the fidget spinner to float reduces the bearing friction by permitting the rate of the central ring and outer spinner to equalize, and the whole thing spins as a unit. FOLLOW RANDY BRESNIK! Facebook: https://www.facebook.com/AstroKomrade/ Twitter: https://twitter.com/AstroKomrade Instagram: https://www.instagram.com/astrokomrade/ HD download link: https://www.archive.org/details/FidgetSpinnerSpinningInSpace	Transcript Link

2017 10 13	NASA Johnson	https://youtu.be/rIVEpbD97lQ	Space to Ground Quick Work 10 13 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 10 06	NASA Johnson	https://youtu.be/GZCJP0To3eQ	Space to Ground Out the Door 10 06 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 10 04	NASA Johnson	https://youtu.be/dzE_i6h5NeI	The Essential Canadarm2	Tomorrow on the first spacewalk of Expedition 53, astronauts will install a new latching end effector on the International Space Station's robotic arm, Canadarm2, to keep that invaluable piece of hardware ready to support the station's continuing mission. Take a quick look back at the invaluable role played by the "big arm" in assembling the space station and keeping it flying. HD DOWNLOAD LINK: https://archive.org/details/jsc2017m000961_The_Essential_Canadarm2 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 09 29	NASA Johnson	https://youtu.be/po44cUiQQh8	Space to Ground Triple Spacewalks 09 29 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 09 25	NASA Johnson	https://youtu.be/HjEZcCZrjq4	5 Things You Didn't Know About Astronaut Joe Acaba	He’s been an astronaut since 2004 and launched last week with more than four months in space to his credit on two previous missions, so there’s not much more to know about Joe Acaba, right? Nope: the California native, former middle school math and science teacher and Peace Corps veteran has a few more tricks up his sleeve, and he shares five of them with you right here. HD Download: https://archive.org/details/jsc2017m000792_5_Things_You_Didnt_Know_About_Astronaut_Joe_Acaba _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 09 22	NASA Johnson	https://youtu.be/zsW9C3k_9mw	Space to Ground Busy Crew 09 22 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 09 19	NASA Johnson	https://youtu.be/mS5RIwL90XI	ISS passes over Hurricane Maria 9 19 17	External cameras on the International Space Station captured dramatic views of Hurricane Maria as it churned through the Caribbean Sept. 19 as a potentially catastrophic category 5 hurricane, with maximum sustained winds of 165 MPH. Maria is forecast to pass near or over the U. S. Virgin Islands and Puerto Rico tonight and Wednesday. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 09 15	NASA Johnson	https://youtu.be/Ra4-PFQ2Hnw	Space to Ground Full Strength 09 15 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 09 12	NASA Johnson	https://youtu.be/LPOPNy3_5B8	Astronaut Moments with NASA astronaut Joe Acaba	Astronaut Moments with NASA astronaut Joe Acaba Acaba and his crewmates, Mark Vande Hei of NASA and cosmonaut Alexander Misurkin of the Russian space agency Roscosmos, will launch on the Russian Soyuz MS-06 spacecraft at 5:17 p.m. EDT on Sept. 12. They are scheduled to return to Earth in March 2018. The crew members will continue several hundred experiments in biology, biotechnology, physical science and Earth science currently underway and scheduled to take place aboard humanity's only permanently occupied orbiting lab. Follow Acaba onTwitter at https://twitter.com/astroacaba. Find Acaba's full biography at https://www.nasa.gov/astronauts/biographies/joseph-m-acaba. Download HD version: https://archive.org/details/jsc2017m000682_Acaba_AstronautMoment	Transcript Link
2017 09 12	NASA Johnson	https://youtu.be/9R07-11fyhE	Astronaut Moments with NASA Astronaut Mark Vande Hei	Astronaut Moments with NASA astronaut Mark Vande Hei Vande Hei and his crewmates, Joe Acaba of NASA and cosmonaut Alexander Misurkin of the Russian space agency Roscosmos, will launch on the Russian Soyuz MS-06 spacecraft at 5:17 p.m. EDT on Sept. 12. They are scheduled to return to Earth in March 2018. The crew members will continue several hundred experiments in biology, biotechnology, physical science and Earth science currently underway and scheduled to take place aboard humanity's only permanently occupied orbiting lab. Follow Vande Hei onTwitter at https://twitter.com/Astro_Sabot. Find Vande Hei full biography at https://www.nasa.gov/astronauts/biographies/mark-t-vande-hei. For HD Download: https://archive.org/details/jsc2017m000415_AstronautMoment_VandeHei	Transcript Link
2017 09 11	NASA Johnson	https://youtu.be/pIOLs8PwvOg	EISD External Video		Transcript Link

2017 09 08	NASA Johnson	https://youtu.be/ODiWspJYaXQ	ISS Pass Over Hurricane Jose and Hurricane Irma 9 8 17	The International Space Station passed over two major Atlantic hurricanes on Friday, Sept. 8. First, the station flew approximately 250 miles over Hurricane Jose at approximately 10:10 a.m. EDT while the Category 3 storm was in the Atlantic just east of the Caribbean. One orbit of the Earth later, the station flew over Hurricane Irma at approximately 11:40 a.m. EDT. The powerful Category 4 storm had already brought destructive wind and rain to islands across the Caribbean and is forecast to impact the Florida peninsula. Raw footage download: https://archive.org/details/ISS_Pass_Over_Hurricane_Jose_and_Hurricane_Irma_090817 --- FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 09 08	NASA Johnson	https://youtu.be/AZA3LwX0NOw	By the Numbers Expedition 52	Expedition 52, as simple as 1-2-3: the first International Space Station science officer who was also the second woman to serve as a station crewmember has now finished her third long-duration mission…and that's just for starters. Last week's crew return to Earth puts Expedition 52 in the record books; we peeked inside and pulled out some of the best numbers to sum up the flight. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 09 08	NASA Johnson	https://youtu.be/fVD4BtM9gJM	Space to Ground Tracking a Monster 09 08 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 09 07	NASA Johnson	https://youtu.be/C-mBf0rjXpc	ISS Pass Over Hurricane Irma 9 7 2017	Updated caption for today: External cameras on the International Space Station captured views during an overhead pass of Hurricane Irma on Sept. 7, the third pass this week. The Category 5 storm with sustained winds of 180 mph has brought devastating wind and rains to several islands in the Caribbean, with a hurricane watch in effect for much of Cuba and the potential to begin impacting the Florida peninsula by week's end. Note: The second view appears in black and white due to an issue with the sensor on the external camera. Raw footage download: https://archive.org/details/jsc2017m000871_Hurricane_Irma_GMT250 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 09 07	NASA Johnson	https://youtu.be/HoryjMs5Vus	SpeedyTime 8 - Space Photography	Even though it's zooming along at five miles a second, the International Space Station provides a great vantage point for photography of the Earth from 250 miles overhead. In this SpeedyTime segment recorded just before his return to Earth, Expedition 52 flight engineer Jack Fischer shows off some of the station's "picture windows" and introduces the crew of Expedition 53 who talk about their reasons for spending time with their cameras pointed toward home. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 09 06	NASA Johnson	https://youtu.be/XoMRueJ17Rc	ISS Passes Over Hurricane Irma - 9 6 2017	The International Space Station's external cameras captured another dramatic view of Hurricane Irma as it made landfall in the Caribbean Sept. 6. The powerful Category 5 storm with sustained winds of 185 mph made landfall on several islands while continuing on a westward track. Irma is expected to bring severe wind and rain to several islands in the Caribbean over the next several days with the potential to impact the Florida peninsula by week's end. HD Link: https://archive.org/details/HurricaneIrmaGMT2491536	Transcript Link
2017 09 05	NASA Johnson	https://youtu.be/QBDheVyH8SM	ISS passes over Hurricane Irma, Sept. 5	The International Space Station's external cameras captured a dramatic view of Hurricane Irma as it moved across the Atlantic Ocean Sept. 5. The National Hurricane Center had recently upgraded Irma to a Category 5 storm with hurricane warnings issued across the Caribbean. HD Link: https://archive.org/details/ISS-Pass-Over-Hurricane-Irma-Sep-5-2017	Transcript Link

2017 08 28	NASA Johnson	https://youtu.be/-IJ0W5DSFQE	Jack and Peggy's Excellent Adventure	A little more than 200 people have ever actually made a spacewalk, and the rest of us have to wonder what it's like—maybe this will help! In May 2017 NASA astronauts Peggy Whitson and Jack Fischer each wore a small high definition video camera during a spacewalk on the International Space Station; here, for the first time ever, we've cut together those video streams and added the space to ground audio so you can go out on the EVA with the astronauts and get a sense of what it's like to be your own little spaceship. HD download link: https://archive.org/details/jsc2017m000610_Jack_and_Peggys_Excellent_Adventure _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 08 25	NASA Johnson	https://youtu.be/uN2uatjFm5I	SpeedyTime %237 - Minus Eighty Degrees Laboratory Freezer for ISS	Cutting-edge science is on the daily menu on board the International Space Station, but where do the astronauts store their lab results before they're shipped back to Earth? In one of a dozen large freezers, of course: in this SpeedyTime segment, Expedition 52 flight engineer Jack Fischer shines a light on the MELFI, Minus Eighty Degrees Laboratory Freezer for ISS. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 08 25	NASA Johnson	https://youtu.be/akiwa395AIA	Space to Ground Totally Stunning! 08 25 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 08 24	NASA Johnson	https://youtu.be/iGH7R1vs5Jk	Cardiac Biology In Space	Astronauts experience structural changes to their heart during long-duration spaceflight, but the biological basis of that is not clearly understood. Jonathon Baio, a doctoral student at Loma Linda University's School of Medicine, details an investigation of cardiovascular stem cells that hopes to better understand their role in cardiac biology and tissue regeneration, which could advance ways to maintain cardiac health of astronauts during extended missions as well inform future treatments to reverse heart muscle loss upon return to Earth, and may help the medical community combat cardiovascular disease, one of the world's leading causes of death. For more on space station science, please visit: Twitter: https://twitter.com/ISS_Research or @ISS_research Website: https://www.nasa.gov/mission_pages/station/research/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 08 22	NASA Johnson	https://youtu.be/mIbJLQhV7ow	Zena Cardman NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; National Science Foundation graduate research fellow Zena Cardman talks about how she became interested in science, technology, engineering and math, why she wanted to become an astronaut and where she was when she got the news that she'd achieved her dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link
2017 08 22	NASA Johnson	https://youtu.be/gYqbogIkmmY	Kayla Barron NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; U.S. Navy Lieutenant Kayla Barron talks about how she became interested in science, technology, engineering and math, why she wanted to become an astronaut and where she was when she got the news that she'd achieved her dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link

2017 08 22	NASA Johnson	https://youtu.be/uiPgmxfbt54	Jasmin Moghbeli NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; U.S. Marine Corps Major Jasmin Moghbeli talks about how she became interested in science, technology, engineering and math, why she wanted to become an astronaut and where she was when she got the news that she'd achieved her dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link
2017 08 22	NASA Johnson	https://youtu.be/IC0w_pnYbb8	Loral O'Hara NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; Woods Hole Oceanographic Institution research engineer Loral O'Hara talks about how she became interested in science, technology, engineering and math, why she wanted to become an astronaut and where she was when she got the news that she'd achieved her dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link
2017 08 22	NASA Johnson	https://youtu.be/XHKUfy4Tbbw	Raja Chari NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; U.S. Air Force Lieutenant Colonel Raja Chari talks about how he became interested in science, technology, engineering and math, why he wanted to become an astronaut and where he was when he got the news that he'd achieved his dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link
2017 08 22	NASA Johnson	https://youtu.be/E9Yipe5QIOI	Warren Hoburg NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; MIT assistant professor Warren Hoburg talks about how he became interested in science, technology, engineering and math, why he wanted to become an astronaut and where he was when he got the news that he'd achieved his dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link

2017 08 22	NASA Johnson	https://youtu.be/LdGZlN1Io5o	Frank Rubio NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; U.S. Army Major Frank Rubio talks about how he became interested in science, technology, engineering and math, why he wanted to become an astronaut and where he was when he got the news that he'd achieved his dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link
2017 08 22	NASA Johnson	https://youtu.be/VibnAtGkFrE	Jessica Watkins NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; Caltech postdoctoral fellow Jessica Watkins talks about how she became interested in science, technology, engineering and math, why she wanted to become an astronaut and where she was when she got the news that she'd achieved her dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link
2017 08 22	NASA Johnson	https://youtu.be/gfn6Ka6nGYg	Jonny Kim NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; Dr. Jonny Kim talks about how he became interested in science, technology, engineering and math, why he wanted to become an astronaut and where he was when he got the news that he'd achieved his dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link
2017 08 22	NASA Johnson	https://youtu.be/DPhPX33Dlr0	Bob Hines NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; NASA research pilot Bob Hines talks about how he became interested in science, technology, engineering and math, why he wanted to become an astronaut and where he was when he got the news that he'd achieved his dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link

2017 08 22	NASA Johnson	https://youtu.be/3uLggveEtmo	Matthew Dominick NASA 2017 Astronaut Candidate	The ranks of America's Astronaut Corps grew by a dozen today! The twelve new NASA Astronaut Candidates have reported for duty at the Johnson Space Center in Houston to begin two years of training. Before they got to Houston we video-chatted with them all; U.S. Navy Lieutenant Commander Matthew Dominick talks about how he became interested in science, technology, engineering and math, why he wanted to become an astronaut and where he was when he got the news that he'd achieved his dream. Learn more about the new space heroes right here: nasa.gov/2017astronauts	Transcript Link
2017 08 18	NASA Johnson	https://youtu.be/vys1LAxPY00	SpeedyTime 6 – International Space Station Tour	More internal space than a six-bedroom house, on a vehicle that would cover a football field: how long to take the tour? In this week's "SpeedyTime" feature, Expedition 52 flight engineer Jack Fischer flies us through his home in space, from bow to stern, in just 3:18—please prepare for take-off. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 08 18	NASA Johnson	https://youtu.be/2-QCC1UC6Vo	Two Truths and a Lie	Just after NASA announced a new class of astronaut candidates, we got them all together to play "Two Truths and a Lie" in front of a few cameras so we could all get to know them. Can Woody Hoburg really do a standing front flip? Did Jessica Watkins win an Olympic Medal? Does Loral O'Hara really eat tacos half the days of the week? The answers to these questions and more are right here. Learn more about each astronaut candidate at nasa.gov/2017astronauts	Transcript Link
2017 08 18	NASA Johnson	https://youtu.be/0E-tzLa6Y3U	Space to Ground Moon Shadow 08 18 17	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 08 11	NASA Johnson	https://youtu.be/2cY6wsW8vdc	The Most Awesome Podcast from Space!	The first live episode of “Houston, We Have a Podcast” streamed on NASA TV and Facebook Live. In this podcast, we bring in the experts – NASA scientists, engineers, astronauts – all the folks that have the coolest information, the stuff you really want to know, right on the show to talk about everything NASA. In the podcast’s 6th episode, guest Jack "2fish" Fischer, NASA Astronaut, talks about life on the International Space Station with co-hosts Gary Jordan and Dan Huot. This podcast was recorded during a live event on Aug 10, 2017. Find more episodes of “Houston, We Have a Podcast” on iTunes, SoundCloud, and NASA.gov iTunes: https://itunes.apple.com/us/podcast/houston-we-have-a-podcast/id1262594123 SoundCloud: https://soundcloud.com/nasa/sets/houston-we-have-a-podcast NASA.gov: https://www.nasa.gov/johnson/HWHAP	Transcript Link
2017 08 11	NASA Johnson	https://youtu.be/NmnnBvYFOIs	SpeedyTime 5 – Water in Space	The International Space Station is a one-of-a-kind spot for scientists who want to do experiments where there’s no gravity, to find out how other natural forces function without gravity’s influence. In this “SpeedyTime” segment, Expedition 52 flight engineer Jack Fischer uses a few simple tools to demonstrate what happens to water in space when there’s no pull of gravity. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 08 11	NASA Johnson	https://youtu.be/JXsoX2rhdbM	Space to Ground A Closer Look 08 11 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 08 10	NASA Johnson	https://youtu.be/631tk9aqM3I	Interns In Their Natural Habitat	Discover internship opportunities at the NASA Johnson Space Center! This video shows some of the places interns work and some of the projects they contribute to. Interns work to make their mark and enjoy the entirety of the internship experience which includes touring laboratories and facilities, hearing lectures from astronauts and NASA's leaders, participating in professional and social committees (like Video Committee) in spare time, and much more. Start your journey! For more on NASA internships: https://intern.nasa.gov/ https://nasajobs.nasa.gov/studentopps/default.htm For Johnson Space Center specific internships: https://pathways.jsc.nasa.gov/ https://www.nasa.gov/centers/johnson/education/interns/index.html --- FOLLOW JOHNSON SPACE CENTER INTERNS! Facebook: @NASA.JSC.Students https://www.facebook.com/NASA.JSC.Students/ Instagram: @nasajscstudents https://www.instagram.com/nasajscstudents/ Twitter: @NASAJSCStudents https://twitter.com/nasajscstudents	Transcript Link
2017 08 04	NASA Johnson	https://youtu.be/IatS58t9VII	SpeedyTime 4 – Microgravity Science Glovebox	Doing groundbreaking science can mean working with dangerous materials; how do the astronauts on the International Space Station protect themselves and their ship in those cases? They use the Microgravity Science Glovebox: in this "SpeedyTime" segment Expedition 52 flight engineer Peggy Whitson pulls a rack out of the wall of the Destiny Laboratory to show us how astronauts access a sealed environment for science and technology experiments that involve potentially hazardous materials. HD Link: https://archive.org/details/jsc2017m000728_SpeedyTime-4_Microgravity_Science_Gloveboxx_201708 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 08 04	NASA Johnson	https://youtu.be/ridVpzznXVE	Space to Ground A Stunning Launch 08 04 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 08 03	NASA Johnson	https://youtu.be/8HW9gYGMiwo	Ocean Moon Glint and City Night Lights in 4K UHD	This time-lapse imagery taken by NASA astronaut Jack Fischer from the International Space Station in 4K Ultra High Defintion takes us over the Pacific Ocean's moon glint and above the night lights of San Francisco, Calif. through Denver, Colo. 4K file download: https://archive.org/download/Ocean-Moon-Glint-And-City-Night-Lights-In-4K-UHD	Transcript Link
2017 08 01	NASA Johnson	https://youtu.be/Msg1DY8z-d4	SpeedyTime %233 – Treadmill 2	When you live in a place where your heart doesn't even have to work against the pull of gravity, you need help with exercise: the astronauts on the International Space Station have a suite of exercise equipment at their disposal, including a treadmill. In this "SpeedyTime" segment Expedition 52 flight engineer Jack Fischer runs through the workout they get on the Combined Operational Load Bearing External Resistance Treadmill (COLBERT) in the station's Tranquility module. HD Link: https://archive.org/details/jsc2017m000676_SpeedyTime_3_Treadmill_2 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 28	NASA Johnson	https://youtu.be/dFBR2fEdRgs	Launch Day in Baikonur	Expedition 52-53 Soyuz Commander Sergey Ryazanskiy of Roscosmos and Flight Engineers Randy Bresnik of NASA and Paolo Nespoli of the European Space Agency launched on the Russian Soyuz MS-05 spacecraft on July 28 from the Baikonur Cosmodrome in Kazakhstan to begin a six-hour journey to the International Space Station and the start of a four and a half month mission on the outpost. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 27	NASA Johnson	https://youtu.be/oQ4jAlZGcPo	Space to Ground A New Method 07 27 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 07 27	NASA Johnson	https://youtu.be/b3YT4o78x8U	Astronaut Randy Bresnik Extreme Exploration	NASA astronaut Randy Bresnik is gearing up for his first long-duration stay aboard the International Space Station, but is no stranger to exploration. Watch as he tells of his exploits in some of the most extreme places on planet Earth, and how those experiences prepared him to leave it. Bresnik and his crewmates, cosmonaut Sergey Ryazanskiy of the Russian space agency Roscosmos and Paolo Nespoli of ESA (European Space Agency), will launch on the Russian Soyuz MS-05 spacecraft at 11:41 a.m. on July 28. They are scheduled to return to Earth in December. The crew members will continue several hundred experiments in biology, biotechnology, physical science and Earth science currently underway and scheduled to take place aboard humanity's only permanently occupied orbiting lab. You can follow Bresnik online at: Twitter: https://twitter.com/AstroKomrade Facebook: https://www.facebook.com/AstroKomrade/ Instagram: https://www.instagram.com/astrokomrade/ Bio: https://www.nasa.gov/astronauts/biogr... HD download :https://archive.org/details/Jsc2017m000684BresnikExplorationStory	Transcript Link
2017 07 26	NASA Johnson	https://youtu.be/S7Gg4GKcuLU	Expedition 52 53 Soyuz Mating And Rollout	At the Baikonur cosmodrome in Kazakhstan, the Soyuz MS-05 spacecraft and its Soyuz booster were transported from the Integration Facility to the launch pad on a railcar July 26 for final preparations before launch to the International Space Station on July 28. The Soyuz MS-05 will carry Expedition 52-53 Soyuz Commander Sergey Ryazanskiy of Roscosmos and Flight Engineers Randy Bresnik of NASA and Paolo Nespoli of the European Space Agency to the orbital complex fo a four and a half mont mission.	Transcript Link
2017 07 26	NASA Johnson	https://youtu.be/-2VGSa7DMZE	5 Things You Didn't Know About Astronaut Randy Bresnik	Just because he’s been an astronaut since 2004 and already flown in space does not mean that you know everything there is to know about Randy Bresnik. The Kentucky-born and California-raised retired Marine fighter pilot, who is about to launch on his first long-duration mission to the International Space Station, lets us in on a few of his secrets including the surprising aircraft he has piloted, his important relationship with one of the top figures in the history of aviation, and more. You can follow Bresnik online at: Twitter: https://twitter.com/AstroKomrade Facebook: https://www.facebook.com/AstroKomrade/ Instagram: https://www.instagram.com/astrokomrade/ Bio: https://www.nasa.gov/astronauts/biogr... _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 07 26	NASA Johnson	https://youtu.be/0u1N3y8kmaU	Expedition 52 53 Crew Prepares For Launch	At the Baikonur Cosmodrome in Kazakhstan, Expedition 52-53 Soyuz Commander Sergey Ryazanskiy of Roscosmos and Flight Engineers Randy Bresnik of NASA and Paolo Nespoli of ESA (European Space Agency), and their backups, Alexander Misurkin of Roscosmos, Mark Vande Hei of NASA and Norishige Kanai of the Japan Aerospace Exploration Agency completed their final fit check in their Soyuz spacecraft and conducted traditional tours of Baikonur Cosmodrome facilities July 24. Ryazanskiy, Bresnik and Nespoli will launch on the Soyuz MS-05 spacecraft July 28 to the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 26	NASA Johnson	https://youtu.be/axy5EJtXr34	Looking at Vision Loss	More than half of American astronauts experience some vision changes and anatomical alterations to their eyes during and after long-duration space flight. Stuart Lee, lead scientist for the Cardiovascular and Vision Laboratory at NASA's Johnson Space Center in Houston, explains the current on orbit investigations of Vision Impairment Syndrome, in which scientists are studying changes in the eye's structure and function. The results of these studies may improve our understanding of how blood pressure in the brain affects eye shape and visual acuity, which could benefit people suffering from increased swelling and pressure in the brain or those confined to long-term bed rest. For more information about research conducted on the space station, please visit: Twitter: https://twitter.com/ISS_Research or @ISS_research Website: https://www.nasa.gov/mission_pages/station/research/index.html HD LINK: https://archive.org/details/jsc2017m000721_Looking_At_Vision_Loss _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 25	NASA Johnson	https://youtu.be/KtM00ZY8Rxw	Expedition 52-53 Crew Prepares for Launch in Kazakhstan	At the Baikonur Cosmodrome in Kazakhstan, Expedition 52-53 Soyuz Commander Sergey Ryazanskiy of Roscosmos and Flight Engineers Randy Bresnik of NASA and Paolo Nespoli of ESA (European Space Agency), and their backups, Alexander Misurkin of Roscosmos, Mark Vande Hei of NASA and Norishige Kanai of the Japan Aerospace Exploration Agency participated in a variety of activities July 16-23. Ryazanskiy, Bresnik and Nespoli will launch on the Soyuz MS-05 spacecraft July 28 to the International Space Station.	Transcript Link

2017 07 24	NASA Johnson	https://youtu.be/efzQJrgo_Wc	Spacewalking in Ultra High-Definition	Ever wonder what the spacewalker sees while you're looking at him or her? Here's your answer, courtesy of NASA astronaut Jack Fischer. This Ultra High Definition clip shows Fischer outside the International Space Station during a spacewalk on Expedition 51 in May 2017, and the view from a small camera attached to his spacesuit at the same time. Music by Joakim Karud. 4K .MOV: https://archive.org/details/jsc2017m000655_Spacewalking_in_Ultra_High_Definition _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 21	NASA Johnson	https://youtu.be/6ycA8OpB_Tg	SpeedyTime %232 – Advanced Resistive Exercise Device	Astronauts on the International Space Station have to exercise for two hours every day, but they can show off the hardware in a lot less time than that. In this "SpeedyTime" segment Expedition 52 flight engineer Peggy Whitson gives us a rapid-fire display of exercises that can be done with just one piece of equipment, the Advanced Resistive Exercise Device in the Tranquility module. HD download link: https://archive.org/details/Jsc2017m000677SpeedyTime2-AdvancedResistiveExerciseDevice _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 21	NASA Johnson	https://youtu.be/m9zAK-ut-ZM	Space to Ground A Giant Leap 07 21 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 07 20	NASA Johnson	https://youtu.be/ldmZnq9olYA	NASA Tests Orion Crew Exit Plans in Gulf of Mexico	A NASA and Department of Defense team evaluated the techniques that will be used to make sure astronauts can exit Orion in a variety of scenarios upon splashdown after deep space missions, using the waters off the coast of Galveston, Texas, to test their procedures in July. The team used a mockup of the spacecraft to examine how crew will get out of Orion with assistance and alone. The testing is helping NASA prepare for Orion and Space Launch System missions with crew beginning with Exploration Mission-2 in the early 2020s. More info on Orion: http://www.nasa.gov/orion Video b roll: https://archive.org/details/NASA-Orion-Resource-Reel	Transcript Link
2017 07 20	NASA Johnson	https://youtu.be/wuobYNaR31w	NASA Cribs Human Exploration Research Analog	Follow along as interns at NASA's Johnson Space Center show you around the Human Exploration Research Analog (HERA), a mission simulation environment located onsite at the Johnson Space Center in Houston. HERA is a unique three-story habitat designed to serve as an analog for isolation, confinement, and remote conditions in exploration scenarios. This video gives a tour of where crew members live, work, sleep, and eat during the analog missions. Find out more about HERA mission activities: https://www.nasa.gov/analogs/hera Find out how to be a HERA crew member: https://www.nasa.gov/analogs/hera/want-to-participate For more on NASA internships: https://intern.nasa.gov/ For Johnson Space Center specific internships: https://pathways.jsc.nasa.gov/ https://www.nasa.gov/centers/johnson/education/interns/index.html HD download link: https://archive.org/details/jsc2017m000730_NASA-Cribs-Human-Exploration-Research-Analog ---	Transcript Link

2017 07 20	NASA Johnson	https://youtu.be/n2OTVQWJ2Qw	Why Try Science in Microgravity	Human space exploration missions quickly revealed that microgravity, or weightlessness, had profound and unique effects on physical and biological phenomena. Understanding these effects is critical for human exploration and pioneering space—but the study of these effects also advances knowledge on Earth. The International Space Station U.S. National Laboratory is a permanently crewed research facility, observatory, and engineering test bed that can provide Powerful insights into fundamental and applied scientific investigations. Get more research news and updates on Twitter at: https://twitter.com/ISS_Research _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 19	NASA Johnson	https://youtu.be/FyGCWUzbWao	ISS As A National Lab	In an effort to expand the research opportunities of this unparalleled platform, the International Space Station was designated as a U.S. National Laboratory in 2005 by Congress, enabling space research and development access to a broad range of commercial, academic, and government users. Now, this unique microgravity research platform is available to U.S. researchers from small companies, research institutions, Fortune 500 companies, government agencies, and others, all interested in leveraging microgravity to solve complex problems on Earth. Get more research news and updates on Twitter at: https://twitter.com/ISS_Research HD download link: https://archive.org/details/jsc2017m000681_ISS-As-A-National-Lab _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 18	NASA Johnson	https://youtu.be/gv4sOEXrxtQ	International Space Station Creating Benefits for Humanity	HD download link: https://archive.org/details/InternationalSpaceStationCreatingBenefitsForHumanity	Transcript Link

2017 07 18	NASA Johnson	https://youtu.be/RKAknU9jN6E	Innovation Beyond Boundaries	What happens when you remove the boundaries of earthbound scientific research? Scientists are finding out aboard the International Space Station where the absence of gravity opens a world of possibilities and innovation. HD download link: https://archive.org/details/jsc2017m000680_Innovation_Beyond_Boundaries _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 17	NASA Johnson	https://youtu.be/5ONm6r7kiD0	Europe from Space in 4K	Got three minutes to spare for a tour of southern Europe? That's all the time it takes, when you have a 4K camera orbiting Earth 250 miles up—and we do, on the International Space Station. This Ultra High Definition video was shot in August 2016 as the station traveled nearly 1000 miles, taking in views from above the western coast of France to the Iberian Peninsula, Italy, Switzerland, southern Germany and Austria, and southward to the countries of the Balkan Peninsula. Music by Joakim Karud. HD download link: https://archive.org/details/jsc2017m000654_Europe-from-Space-in-4K _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 14	NASA Johnson	https://youtu.be/bNxZhrIrV78	SpeedyTime %231 - Kibo Airlock	No one knows the International Space Station better than the people who live and work there—and now they're sharing that knowledge in bite-sized chunks. In the first of a series of short videos called "SpeedyTime," Expedition 52 flight engineer Jack Fischer gives us a quick-but-thorough tour of payload activities inside and outside the airlock in the station's Japanese laboratory module, Kibo. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ https://archive.org/details/SpeedyTime1KiboAirlock	Transcript Link

2017 07 14	NASA Johnson	https://youtu.be/u0aOkOx3u2Q	Space to Ground Summer Road Trip 07 14 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 13	NASA Johnson	https://youtu.be/DCw3eoBvRtI	Astronaut Moments Randy Bresnik	Astronaut Moments with NASA astronaut Randy Bresnik. Bresnik and his crewmates, cosmonaut Sergey Ryazanskiy of the Russian space agency Roscosmos and Paolo Nespoli of ESA (European Space Agency), will launch on the Russian Soyuz MS-05 spacecraft at 11:41 a.m. on July 28. They are scheduled to return to Earth in December. The crew members will continue several hundred experiments in biology, biotechnology, physical science and Earth science currently underway and scheduled to take place aboard humanity's only permanently occupied orbiting lab. You can follow Bresnik online at: Twitter: https://twitter.com/AstroKomrade Facebook: https://www.facebook.com/AstroKomrade/ Instagram: https://www.instagram.com/astrokomrade/ Bio: https://www.nasa.gov/astronauts/biographies/randolph-j-bresnik/ HD download link: https://archive.org/details/jsc2017m000414_Astronaut-Moments-Randy-Bresnik _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link

2017 07 12	NASA Johnson	https://youtu.be/nPrfOaKJ3L0	Imaging Earth with MUSES	Commercial businesses and scientific researchers have a new capability to capture digital imagery of Earth, thanks to MUSES: the Multiple User System for Earth Sensing facility. This platform on the outside of the International Space Station is capable of holding four different payloads, ranging from high-resolution digital cameras to hyperspectral imagers, which will support Earth science observations in agricultural awareness, air quality, disaster response, fire detection, and many other research topics. MUSES program manager Mike Soutullo explains the system and its uniquefeatures including the ability to change and upgrade payloads using the space station's Canadarm2 and Special Purpose Dexterous Manipulator. For more information about MUSES, please visit: https://www.nasa.gov/mission_pages/station/research/news/MUSES For more on ISS science, https://www.nasa.gov/mission_pages/station/research/index.html or follow us on Twitter @ISS_research _____ FOLLOW THE SPACE STATION!	Transcript Link
2017 07 10	NASA Johnson	https://youtu.be/O0qVTOnIhzM	Expedition 52-53 Crew Conducts Traditional Ceremonies	Expedition 52-53 Soyuz Commander Sergey Ryazanskiy of Roscosmos and Flight Engineers Randy Bresnik of NASA and Paolo Nespoli of the European Space Agency, and their backups, Alexander Misurkin of Roscosmos, Mark Vande Hei of NASA and Norishige Kanai of the Japan Aerospace Exploration Agency visited the Gagarin Museum at the Gagarin Cosmonaut Training Center in Star City, Russia July 10 where they viewed historic space artifacts, then visited Red Square in Moscow for traditional ceremonies, including the laying of flowers at the Kremlin Wall where Russian space icons are interred. Ryazanskiy, Bresnik and Nespoli are scheduled to launch on July 28 from the Baikonur Cosmodrome in Kazakhstan in the Soyuz MS-05 spacecraft for a four and a half month mission on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 07 07	NASA Johnson	https://youtu.be/TjZVvZq_7wc	Expedition 52 53 Crew Conduct Final Qualification Exams in Russia	Expedition 52-53 Soyuz Commander Sergey Ryazanskiy of Roscosmos and Flight Engineers Randy Bresnik of NASA and Paolo Nespoli of ESA (European Space Agency), and their backups, Alexander Misurkin of Roscosmos, Mark Vande Hei of NASA and Norishige Kanai of the Japan Aerospace Exploration Agency conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia July 6 and 7. Ryazanskiy, Bresnik and Nespoli are scheduled to launch July 28 from the Baikonur Cosmodrome in Kazakhstan in the Soyuz MS-05 spacecraft for a four-and-a-half-month mission aboard the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 07 07	NASA Johnson	https://youtu.be/HZ-CISmPshU	Space to Ground Celebrating Freedom 07 07 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 06 30	NASA Johnson	https://youtu.be/ArHwh3xkEa8	Gazing at Earth's Light Show from Space	Brilliant fireworks shows on July 4th will have millions looking up, while light shows like these always have astronauts gazing back down. Time-lapse imagery captured on June 25, 2017, by Expedition 52. This video shows the Aurora Australis in the southern hemisphere. The International Space Station was flying from south of Australia to the southern Pacific Ocean. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 06 30	NASA Johnson	https://youtu.be/hO3Fym3gYMs	Space to Ground Solar Array Away! 06 30 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 06 27	NASA Johnson	https://youtu.be/HTe_obKNCx4	Heart to Heart	NASA didn't miss a (heart)beat when the opportunity arose to study the cardiovascular systems of identical twin astronauts, one aboard the International Space Station and the other on Earth. Results from the Cardio Ox investigation, part of the research of the One Year Mission of astronaut Scott Kelly, may provide a better understanding of cardiovascular disease risk that astronauts encounter during and after long-duration spaceflight. Stuart Lee, the lead scientist for the Cardiovascular and Vision Laboratory at NASA's Johnson Space Center, explains the importance of spaceflight weightlessness research on the cardiovascular system and how results could be used to create countermeasures, preventing potential health consequences for future space travelers as well as those of us on Earth. For more on ISS science: follow us on Twitter: @ISS_research or at: https://twitter.com/ISS_Research or at: https://www.nasa.gov/mission_pages/station/research/index.html High Definition Link: https://archive.org/details/Heart-to-Heart_201706	Transcript Link
2017 06 26	NASA Johnson	https://youtu.be/jATBbjU4IyA	Roll-Out Solar Array (ROSA) Jettisoned From Space Station	Following a week of successful science operations on the experiment for the Roll-Out Solar Array (ROSA), attempts to retract and latch the array were unsuccessful. The ISS Mission Management Team met Monday morning and made the decision to jettison ROSA directly from its current location at the end of the space station's robotic arm, where it was fully deployed in a normal configuration. The original plan called for ROSA to be stored back inside the trunk of SpaceX's Dragon which is detached and burned up in the atmosphere during Dragon reentry. The Operations team executed the jettison procedure that was developed as part of the pre-flight planning process that covered various scenarios. ROSA will not present any risk to the International Space Station and will not impact any upcoming visiting vehicle traffic. ROSA is an experiment to test a new type of solar panel that rolls open in space and is more compact than current rigid panel designs. FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 06 23	NASA Johnson	https://youtu.be/Kf7JIZ4sfgQ	Space to Ground Roll 'Em 06 23 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 06 19	NASA Johnson	https://youtu.be/1Pm4MbIwRDw	Roll-Out Solar Array Experiment (ROSA) Deploys on International Space Station	The Roll-Out Solar Array (ROSA) was deployed from the end of the Canadarm2 robotic arm Sunday, June 18 outside the International Space Station. ROSA is an experiment to test a new type of solar array that rolls open in space like a party favor and is more compact than current rigid panel designs. The ROSA investigation tests deployment and retraction,characterizes changes when the Earth blocks the sun, vibration and other physical challenges to determine the array's strength and durability. ROSA has the potential to replace solar arrays on future satellites, making them more compact and lighter weight. Satellite radio and television, weather forecasting, GPS and other services used on Earth would all benefit from high-performance solar arrays. The payload will remain deployed for seven days before retracting and will be stowed back inside the trunk of SpaceX's Dragon cargo vehicle. Note: footage of deploy is sped up 300%. NOTE: THERE IS NO AUDIO WITH THIS FOOTAGE _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 06 18	NASA Johnson	https://youtu.be/IbS1zGnM9p4	Two Dads, Two Daughters, One Goal	Adversity can level the playing field and bring very different people together—it happened earlier this year at the Johnson Space Center in Houston, when NASA astronaut Jack Fischer and professional football player Devon Still met to talk about something they have in common: young daughters who successfully fought cancer. Still came to NASA to learn about medical research in microgravity, and he talked to Fischer, another father who has a daughter he considers a hero. To learn more about cancer research in space: https://nasa.tumblr.com/post/150497677424/using-the-power-of-space-to-fight-cancer HD download link: https://archive.org/details/jsc2017m000319_Two_Dads_Two_Daughters_One_Goal _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 06 16	NASA Johnson	https://youtu.be/LADi7Zb-qww	Space to Ground A NICER Look 06 16 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 06 16	NASA Johnson	https://youtu.be/BCe1sAMUC7k	Learning Space On The Ground	NASA’s Johnson Space Center is about to achieve another milestone: completion of the first 45-day-long spaceflight analog of four crew members in a habitat on the ground. The Flight Analogs Project of NASA’s Human Research Program simulates the confinement and isolation of a ship in space to study the crew members and learn what it will take to support crews on extremely long missions, such as those to Mars and other destinations out into the solar system. Take a look inside the habitat to see what supports four test subjects on a six-and-a-half-week mission, and hear a volunteer explain why he choose to make this “flight” of discovery. For more on HERA: https://www.nasa.gov/analogs/hera For more on NASA’s #Journey to Mars: https://www.nasa.gov/topics/journeytomars/index.html	Transcript Link

2017 06 15	NASA Johnson	https://youtu.be/5ZYQMRucmS0	How To Recycle Water in Space	Nature has been recycling water on Earth for eons, and NASA is perfecting how to do it in space right now on the International Space Station. In constant operation for several years already, the Water Recovery System draws moisture from a number of sources to continuously provide astronauts with safe, clean drinking water. Follow the entire process in this video and learn how engineers are successfully turning yesterday's coffee into tomorrow's for these brave explorers! Learn more about life support technologies in space at: https://www.nasa.gov/offices/oct/feature/technology-research-on-station-breathes-life-into-life-support/ HD download link: https://archive.org/details/jsc2017m000607_How-To-Recycle-Water-in-Space _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 06 14	NASA Johnson	https://youtu.be/XxY__js5yTU	Preparing America for Deep Space Exploration Episode 15 Building Toward New Heights	&#8226 NASA's Orion, Space Launch System (SLS) and Ground Systems Development & Operations (GSDO) Programs, which together are developing and building the spacecraft, rocket and infrastructure necessary to send humans to deep space destinations, have made important strides so far in 2017. Some major milestones include: Orion – EM-1 Crew Module proof pressure test, Propulsion Qualification Module installed, tank welding complete on Crew Module, parachute drop tests, motor ready for crewed mission, EM-2 barrel machining; SLS – successful booster qualification motor tests, RS-25 engine and engine controller tests, manufacturing complete on the liquid hydrogen tank structural qualification test article, Interim Cryogenic Propulsion Stage to the Cape; GSDO – last flame trench brick installed at launch complex 39B, Mobile Launcher umbilical installs and testing, final VAB platform installed, Orion and SLS demonstration hardware arriving at KSC as ground processing and test activity accelerates. HD download link: https://archive.org/details/PreparingAmericaForDeepSpaceExplorationEpisode15BuildingTowardNewHeights	Transcript Link
2017 06 07	NASA Johnson	https://youtu.be/5Yu1uOB2-_E	Meet America's New Astronauts	NASA asked the applicants a lot of questions before picking a new class of astronaut candidates, but they didn't cover every topic. What is their favorite planet, and what will they take with them to Mars? Have a look at the newest astronauts answering the rest of the questions that America has on its mind. Learn even more about the new astronauts right here: nasa.gov/2017astronauts	Transcript Link

2017 06 05	NASA Johnson	https://youtu.be/TKP1chg-xpU	NASA Astronauts Welcome Class of 2017	When NASA decided to announce a new class of astronaut candidates, the current members of the Astronaut Corps had something to say—welcome aboard! From down the hall, across campus, out on the road and up in orbit, have a look at the astronauts' message to the new colleagues who are getting ready to move to Houston and launch their new careers. Learn more about the new space heroes right here: nasa.gov/2017astronauts HD download link: https://archive.org/details/NASAAstronautsWelcomeClassOf2017	Transcript Link
2017 06 02	NASA Johnson	https://youtu.be/Cgb1gyOsSQ0	Space to Ground Cargo Inbound-Crew Outbound 06 02 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 06 01	NASA Johnson	https://youtu.be/UvRaPpJJrpY	What's It Like to Get the Call Cassada Reflects on Becoming An Astronaut in 2013	Josh Cassada reflects on when he got the call in 2013, inviting him to be part of the 2013 astronaut class. He made a bet with his wife when he applied to become a NASA astronaut—find out about the wager, what he's doing to get himself ready for his first trip to space, and the questions he gets asked most often by kids, in this video from the International Space Station's Program Science Office. For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 05 30	NASA Johnson	https://youtu.be/eYV4gl558xc	Pudding the space way!	Calling all foodies — ever wonder what it's like to eat pudding in space? Even astronauts need space snacks! FOLLOW JACK FISHER! Facebook: https://www.facebook.com/Astro2fish Twitter: https://twitter.com/Astro2fish Instagram: https://www.instagram.com/astro2fish/ HD download link: https://archive.org/details/PuddingTheSpaceWay	Transcript Link

2017 05 26	NASA Johnson	https://youtu.be/IOEPDf2DYNM	Unlocking Secrets of Neutron Stars with NICER	Though we know neutron stars are small and extremely dense, there are still many aspects of these remnants of explosive deaths of other stars that we have yet tounderstand. NICER, a facility to be mounted on the outside of the International Space Station, seeks to find the answers to some of the questions still being asked about neutron stars. By capturing the arrival time and energy of the x-ray photons produced by pulsars emitted by neutron stars, NICER seeks answer decades-old questions about extreme forms of matter and energy. Data from NICER will also be used in Sextant, an on-board demonstration of pulsar-based navigation. For more information: https://www.nasa.gov/mission_pages/station/research/experiments/1966.html https://www.nasa.gov/iss-science Research Overview on nasa.gov http://www.twitter.com/ISS_Research on Twitter. HD download link: https://archive.org/details/Unlocking_Secrets_of_Neutron_Stars_with_NICER	Transcript Link
2017 05 26	NASA Johnson	https://youtu.be/KZbO3c-AdlM	Space to Ground Surprise Spacewalk! 05 26 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 05 25	NASA Johnson	https://youtu.be/iApjVuYHrws	How Fruit Flies Help us Understand Human Responses to Microgravity	Scientists study how astronauts are affected by microgravity, but with a relatively small number of human subjects available to them, they often turn to a model organisms for research. Model organisms are living organisms that have a genetic makeup that is relatively well-documented and understood, and is similar to human systems. Fruit flies are reliable model organisms because their systems closely resemble that of larger organisms. They have the benefit of being small in size, well understood, and reproduce quickly so many generations can be studied in a short amount of time. Some of the things we can study using fruit flies are how microgravity affects the immune system. Will the muscle cells of the heart lose strength in microgravity? Are reproduction, lifespan and the aging process affected by microgravity? Do changes in gravity affect the basic metabolic rate and metabolism of living systems? Fruit flies offer a manageable way to study living systems in microgravity. Learn more about other model organisms and how they are being used for microgravity research, and keep up with all the science being conducted aboard your orbiting laboratory by visiting https://www.nasa.gov/iss-science http://www.twitter.com/ISS_Research JSC#: jsc2017m000528	Transcript Link
2017 05 25	NASA Johnson	https://youtu.be/A86RtW62WQ4	Space Station Science Made Easy	How would you organize and categorize the more than 1,700 scientific investigations that have been conducted on the International Space Station so far? The scientists think their work falls among several broad categories, like Earth and space science, biology, human physiology, physical sciences, and more, which bring benefits to Earth and prepare us for our journey to Mars and beyond. But NASA astronaut Rick Mastracchio, a veteran of four spaceflights including a six-month mission on ISS in 2014, thinks there are really just three important categories, at least from the crew member's point of view. For more on ISS science, follow us on Twitter here https://twitter.com/ISS_Research or check here https://www.nasa.gov/mission_pages/station/research/index.html	Transcript Link

2017 05 24	NASA Johnson	https://youtu.be/ht9zTT4qPeI	Growing Bone in Space	A new medical breakthrough aimed at rebuilding bone and possibly blocking bone loss is being investigated on the International Space Station. Spaceflight causes major changes to the musculoskeletal system, including muscle weakness, bone weakness and bone density loss. Chia Soo, a researcher at UCLA, explains recent success testing a new drug on Earth to grow bone, and discusses what she and her colleagues hope to learn through research in microgravity. The therapies developed have the potential of benefitting millions of patients worldwide suffering with osteoporosis, extended bed rest and other symptoms. You can learn more about the experiment here: https://www.nasa.gov/mission_pages/station/research/experiments/2283.html For more on ISS science, follow us on Twitter here: https://twitter.com/ISS_Research or check here: https://www.nasa.gov/mission_pages/station/research/index.html HD download link: https://archive.org/details/jsc2017m000526_Growing_Bone_in_Space _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link
2017 05 19	NASA Johnson	https://youtu.be/qGT19qUhjTY	Space to Ground A Fleet of CUBESATS 05 19 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 05 17	NASA Johnson	https://youtu.be/u53JU_Pm7FU	Fighting Cancer Through Microgravity Research	Conducting cancer research in the microgravity environment of the International Space Station offers unique insight into the genetic and cellular processes that can't be duplicated on Earth. Luis Zea, a research associate at BioServe Space Technologies, explains that cells grown in space arrange themselves into three-dimensional groupings, or aggregates, which more closely resemble what happens in the body. Such research could help scientists pinpoint the cellular changes that cause cancer, potentially leading to new treatments that enhance the quality of life for patients or potentially develop preventive measures. For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/jsc2017m000430_Fighting-Cancer-Through-Microgravity-Research_SRT _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 05 12	NASA Johnson	https://youtu.be/9JRMiB0WwLU	Space to Ground Everything is Awesome 05 12 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 05 09	NASA Johnson	https://youtu.be/5NE96oJsQRA	Action Cam Footage from U.S. Spacewalk %2341	This footage was taken by NASA astronaut Peggy Whitson during a spacewalk on the International Space Station on Thursday, March 30. She was joined on the spacewalk by NASA astronaut Shane Kimbrough. The two spacewalkers reconnected cables and electrical connections on PMA-3 at its new home on top of the Harmony module. They also installed the second of the two upgraded computer relay boxes on the station's truss and installed shields and covers on PMA-3 and the now-vacant common berthing mechanism port on Tranquility. During the spacewalk, one of the shields was inadvertently lost. The loss posed no immediate danger to the astronauts and Kimbrough and Whitson went on to successfully install the remaining shields on the common berthing mechanism port. A team from the Mission Control Center at NASA's Johnson Space Center in Houston devised a plan for the astronauts to finish covering the port with the PMA-3 cover Whitson removed earlier in the day. The plan worked, and the cover was successfully installed, providing thermal protection and micrometeoroid and orbital debris cover for the port. HD download link: https://archive.org/details/jsc2017m000417_Action-Cam-Footage-from-US-Spacewalk-41	Transcript Link
2017 05 08	NASA Johnson	https://youtu.be/jBpTZI8ofHU	Action Cam Footage from U.S. Spacewalk %2340	This footage was taken by ESA astronaut Thomas Pesquet during a spacewalk on the International Space Station on Friday, March 24. He was joined on the spacewalk by NASA astronaut Shane Kimbrough. The primary task was to prepare the Pressurized Mating Adapter-3 (PMA-3) for installation of the second International Docking Adapter, which will accommodate commercial crew vehicle dockings. The PMA-3 provides the pressurized interface between the station modules and the docking adapter. The pair disconnected cables and electrical connections on PMA-3 to prepare for its robotic move, which took place on Sunday, March 26. PMA-3 was be moved from the port side of the Tranquility module to the space-facing side of the Harmony module, where it will become home for the docking adapter, which will be delivered on a future flight of a SpaceX Dragon cargo spacecraft. The spacewalkers also installed on the starboard zero truss a new computer relay box equipped with advanced software for the adapter. The two spacewalkers lubricated the latching end effector on the Special Purpose Dexterous Manipulator "extension" for the Canadarm2 robotic arm, inspected a radiator valve suspected of a small ammonia leak and replaced cameras on the Japanese segment of the outpost. Radiators are used to shed excess heat that builds up through normal space station operation. HD download link:	Transcript Link

2017 05 05	NASA Johnson	https://youtu.be/-6mwmZqA5AU	Space to Ground A Short Time Ago 05 05 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 05 03	NASA Johnson	https://youtu.be/KfIofcFiLfA	High Schooler Studies Genes in Space	How are altered DNA and the weakened immune systems some astronauts experience during spaceflight related? The “Genes in Space” competition challenged students and teachers across the country to design an experiment to fly onboard the International Space Station to find out. Anna-Sophia Boguraev’s experiment to see if the Polymerase Chain Reaction (PCR) could study DNA alterations in space, won the challenge and launched to the orbiting laboratory in 2016. While it was determined PCR works in space and on immune genes, the results from the investigation could benefit efforts to use PCR technology to study epigenetic changes and how they affect the human immune system. The machine used for the experiment remains on the space station for additional scientists and researchers to use during other investigations. For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/jsc2017m000406_High-Schooler-Studies-Genes-in-Space_MXF _____ FOLLOW THE SPACE STATION!	Transcript Link

2017 04 28	NASA Johnson	https://youtu.be/aTPM7hlBetw	Anna Fisher, American Astronaut	Anna Fisher, American Astronaut NASA introduced its first class of space shuttle astronauts in January of 1978; the last of those 35 astronauts leaves the agency today. Dr. Anna Fisher, who earned a historic note as the first mother to fly in space in 1984, is retiring from NASA after a career that stretched from the beginnings of the space shuttle program through International Space Station and into the design of the Orion spacecraft. She talks about some of the highlights of those years, and her hopes for the future of America's human space exploration program. For more on Anna Fisher: https://www.jsc.nasa.gov/Bios/htmlbios/fisher-a.html HD download link: https://archive.org/details/jsc2017m000314_Anna_Fisher_American_Astronaut_MXF_201704 Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 04 28	NASA Johnson	https://youtu.be/b2zl0RRyywk	Space to Ground American Recordholder 04 28 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 04 25	NASA Johnson	https://youtu.be/BA0e9Z3lbZI	Cosmic Carpool DNA To Go	Thanks to work on the International Space Station, sequencing DNA is simple enough to do in your car…or whatever vehicle you drive. With the next generation of DNA research ready to get underway, NASA's Dan Huot has a carpool conversation with the researchers at the Johnson Space Center in Houston about their work and watches as they sequence DNA in a portable handheld unit. Read up on the latest DNA research in space at: https://www.nasa.gov/mission_pages/station/research/news/genes_in_space3 HD download link: https://archive.org/details/jsc2016m001123_Cosmic-Carpool-DNA-To-Go _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 04 24	NASA Johnson	https://youtu.be/O0J3MmEZz5g	Five Times Peggy Whitson Made History	On April 24, 2017, NASA Astronaut Peggy Whitson established the new record for the most time spent in space by an American astronaut, surpassing the mark of 534 days set by NASA's Jeff Williams in 2016—more than 76 weeks of her life, floating in microgravity! It's not the first time in her career at NASA that Whitson has established new milestones: here are a few more. HD download link: https://archive.org/details/jsc2017m000329_Five-Times-Peggy-Whitson-Made-History_MXF _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 04 22	NASA Johnson	https://youtu.be/4S06mRc5jwY	Earth Day 2017 - 4K Earth Views From Space	Our planet is beautiful. In honor of Earth Day 2017, enjoy Ultra High Definition views of our home planet captured from 250 miles up on the International Space Station! Fire up the biggest screen you have. Then kick back and watch. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 04 22	NASA Johnson	https://youtu.be/rUAr6ngVlGM	Cygnus Arrives at Station After Four-Day Journey	The Orbital ATK Cygnus spaceship was captured and installed at the International Space Station today after a four-day journey.	Transcript Link
2017 04 21	NASA Johnson	https://youtu.be/Z2szk-NuKWg	Peanut Butter and Jelly in Space	Astronauts on the International Space Station eat the same kinds of food as people on Earth—they just prepare them differently. Expedition 50 commander Shane Kimbrough demonstrates on-orbit preparation of one of Earth's most popular foods: the humble peanut butter and jelly sandwich. But without bread. And without being a juggler. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 04 21	NASA Johnson	https://youtu.be/Z4XvtP45m50	Space to Ground Spring Time is Launch Time 04 21 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 04 20	NASA Johnson	https://youtu.be/fIPwR63W3tI	New Crew Launches and Docks to Station in Same Day	Two new Expedition 51 crew members took a six-hour, five-minute spaceflight to the International Space Station today.	Transcript Link
2017 04 20	NASA Johnson	https://youtu.be/5mPvvkwDHXc	Soyuz Rocket Blessing	At the Baikonur Cosmodrome in Kazakhstan, the Soyuz MS-04 rocket, Russian officials and the press receive a blessing from a Russian Orthodox priest April 18 prior to the rocket's scheduled April 20 launch to the International Space Station.	Transcript Link
2017 04 19	NASA Johnson	https://youtu.be/CNcuKoeM1N0	Students Acting on a HUNCH	For 15 years, NASA's HUNCH program—High Schools United with NASA to Create Hardware—has challenged students to use the technical skills learned in class to build replicas of space station hardware for use in training modules. Now, HUNCH program organizers are challenging students to build actual flight hardware for use on orbit: here's how it's working at Austin High School in Decatur, Alabama. To learn how you can join the HUNCH program, visit their website: www.nasahunch.com HD download link: https://archive.org/details/jsc2017m000309_Students_Acting_on_a_HUNCH_MXF _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 04 19	NASA Johnson	https://youtu.be/_IdhNfqm0tE	A Moment with Jack Fischer	A Moment with Jack Fischer. HD download link: https://archive.org/details/A-Moment-With-Jack-Fischer _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 04 18	NASA Johnson	https://youtu.be/pXww3F86K3M	5 Things You Didn't Know About Astronaut Jack Fischer	He's been an astronaut since 2009, spent years in training for his first mission to space, and has done interviews and press conferences talking about his trip to the International Space Station. But there's more to Colorado native and Air Force Colonel Jack Fischer than just being an astronaut who's about to launch into space: here he shares a few secrets, including his rodeo background, his taste in movies, and his traditional birthday food. HD download link: https://archive.org/details/5-Things-You-Didnt-Know-About-Astronaut-Jack-Fischer _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 04 15	NASA Johnson	https://youtu.be/wExehfrQtqo	Expedtion 51 Rocket Check	Expedition 51 crew members NASA astronaut Jack "2Fish" Fischer and Roscosmos cosmonaut Fyodor Yurchikhin check out the Soyuz rocket they will ride to the station when it launches April 20.	Transcript Link
2017 04 14	NASA Johnson	https://youtu.be/9D75x679hcs	Space to Ground Bullseye 04 14 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 04 13	NASA Johnson	https://youtu.be/ntp6y-qe-sY	STEM on Station	"STEM on Station" connects students and teachers to the important research conducted on the International Space Station through a rich variety of hands-on activities, videos and up-to-the minute education news that help teachers enhance their K-12 curricula in the STEM fields of science, technology, engineering and mathematics. Becky Kamas, an education specialist at NASA's Johnson Space Center in Houston, Texas, details some of the opportunities available, from talking to astronauts aboard the space station, conducting engineering design challenges in 3-D printing, and microgravity and biological research for future deep-space missions. You can learn more about STEM on Station here: https://www.nasa.gov/audience/foreducators/stem_on_station/ For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 04 10	NASA Johnson	https://youtu.be/8TlNip1VJ38	Expedition 50 Returns to Earth!	A NASA astronaut and two Roscosmos cosmonauts completed a 173-day mission in space Monday when they landed in Kazakhstan inside the Soyuz MS-02 spacecraft.	Transcript Link
2017 04 07	NASA Johnson	https://youtu.be/2Rd1sCC0G9E	Space to Ground Prepare For Landing 04 07 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 04 03	NASA Johnson	https://youtu.be/MBCHIj1Li1A	%23ICYMI Spacewalkers Get Station Ready for Commercial Crew	Astronauts Shane Kimbrough and Peggy Whitson conducted the 199th spacewalk in support of station maintenance and assembly March 30, 2017. The spacewalkers set the station up for future commercial crew vehicles.	Transcript Link
2017 03 31	NASA Johnson	https://youtu.be/NQKlygiPnoU	YT Exp 51 Russia Feed Crew Qual Exams	Expedition 51-52 Soyuz Commander Fyodor Yurchikhin of Roscosmos and Flight Engineer Jack Fischer of NASA conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia March 30 and 31. Yurchikhin and Fischer are scheduled to launch on April 20 from the Baikonur Cosmodrome in Kazakhstan in the Soyuz MS-04 spacecraft for a four and a half month mission on the International Space Station.	Transcript Link
2017 03 31	NASA Johnson	https://youtu.be/iyNfUPjSFDs	Space to Ground Another Record for Peggy 03 31 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 03 31	NASA Johnson	https://youtu.be/H_g_iA3Kszg	Spacesuit training in a vacuum chamber at NASA Johnson (360 View)	Kool perspective- sights and sounds of the chamber training event. Watch the video on the YouTube app and use Google Cardboard to spin around inside the chamber. Trainers Mark, Sandy, and Erin running me through my paces in the vacuum chamber in Class I (flight ready) spacesuit. This way I'll know exactly the sights, sounds, feel, and how the suit operates before doing it in the 'show' on a real spacewalk from the space station. #SpaceTravelTraining Follow me on social media: Twitter: https://twitter.com/astrokomrade Facebook: https://www.facebook.com/AstroKomrade/ Instagram: https://www.instagram.com/astrokomrade/ HD download link: https://archive.org/details/SpacesuitTrainingInAVacuumChamberAtNASAJohnson360View	Transcript Link

2017 03 27	NASA Johnson	https://youtu.be/aMw72D58W3Y	Space Station Adapter Moved to New Location	Ground controllers used the International Space Station's Canadarm2 robotic arm to move the Pressurized Mating Adapter-3 (PMA-3) from the port side of the Tranquility module to the space-facing side of the Harmony module March 26. The relocation of PMA-3 places it in the correct position for the future installation of the second of two International Docking Adapters to which U.S. commercial crew spacecraft will dock in the years ahead. Electrical and data cables will be connected between PMA-3 and Harmony on March 30 during a spacewalk by Expedition 50 crew members Shane Kimbrough and Peggy Whitson. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 03 24	NASA Johnson	https://youtu.be/bDstIrIn3mw	Space to Ground Return of the Dragon 03 24 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 03 23	NASA Johnson	https://youtu.be/WcFarXvECb8	Preview of U.S. Spacewalk %2340	Two spacewalkers are scheduled to conduct an EVA (Extravehicular Activity) on March 24 to prepare the International Space Station for the future arrival of U.S. commercial crew spacecraft and upgrade station hardware. Sarah Korona, U.S. EVA # 40 Spacewalk Officer, narrated the following animation covering the tasks that NASA's Shane Kimbrough and ESA's Thomas Pesquet will focus on over the course of approximately six hours. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 03 20	NASA Johnson	https://youtu.be/0ValuWqyRG8	I Am a Camera On a Spacewalk	To everything there is a season, including the time when a small video camera makes its first-ever trip into the void of space. On Jan. 13, 2017, European Space Agency astronaut Thomas Pesquet wore just such a camera on his spacesuit during a nearly six-hour-long walk around the outside of the International Space Station with his crewmate, NASA astronaut Shane Kimbrough. Here's that day boiled down to three minutes, from the point of view of the camera! HD download link: http://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 03 17	NASA Johnson	https://youtu.be/WL1XY4jT5ks	Space to Ground Packing Dragon 03 17 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 03 10	NASA Johnson	https://youtu.be/gLX87TYjXbM	Space to Ground At Home in Space 03 10 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 03 07	NASA Johnson	https://youtu.be/AV_x2KbJjIc	We Tell the Crew What To Do	You probably don't know what you'll be doing six months from today, but there's a group at NASA's Marshall Space Flight Center in Huntsville, Alabama, that's making just such a plan for scientific research on the International Space Station. Learn how these men and women map out science activity for the crew in space to support the cutting-edge research now underway that's benefitting life on Earth. For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 03 04	NASA Johnson	https://youtu.be/ZtrT0HfTV5Q	%23ICYMI Dragon and Progress Ships Race to Resupply Station	Two spaceships from opposite sides of the Earth, the SpaceX Dragon and Russia's Progress 66, launched and arrived to resupply the Expedition 50 crew all within one week.	Transcript Link
2017 03 03	NASA Johnson	https://youtu.be/cp-lTLz_tRM	Space to Ground Science Time 03 03 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 03 02	NASA Johnson	https://youtu.be/qp_0l043mKQ	Genetic Library Open to World	Using data from experiments conducted on the International Space Station, NASA is working with scientists around the world to build an open database of biological molecules. GeneLab is mapping the genes of organisms on the station and making that collection available to anyone so those other scientists can develop and test out their own hypotheses. The collaborative tool is a new way of doing research that could accelerate scientific breakthroughs for years to come. HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 03 02	NASA Johnson	https://youtu.be/8CCPwZHz3uw	NASA Village signatures fly with me on the International Space Station.	Signatures from the NASA Village fly with me on the International Space Station. What a special opportunity to share this amazing journey with such an impressive team. Representing thousands of people with diverse jobs and stories who contribute to mission success every day. You can read their stories here: http://astropeggy.tumblr.com/tagged/NASAvillage HD download link: https://archive.org/details/Expedition50ResourceReel FOLLOW PEGGY WHITSON! Facebook: https://www.facebook.com/NASAAstronautPeggyWhitson/ Twitter: https://twitter.com/astropeggy Tumblr: http://astropeggy.tumblr.com/tagged/Expedition	Transcript Link
2017 03 01	NASA Johnson	https://youtu.be/8N--3_JsHQk	One Year Later	The spaceflight part of the One Year Mission to the International Space Station ended a year ago today, but the science behind it is still moving. NASA's Scott Kelly and Russian cosmonaut Mikhail Kornienko have continued to provide samples for the data collection from their ground-breaking mission. Results are expected to to start coming in 2017, which will help put human beings on Mars one day. HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 02 24	NASA Johnson	https://youtu.be/arEf05Yf5IY	NOT Lost in Space	How hard would it be to keep track of your stuff if it could literally float away—which does happen on the International Space Station. Well, the crews in space have help, in the form of the Stowage team at NASA's Marshall Space Flight Center in Huntsville, Alabama. From tools to trash, learn how the team keeps track of everything the astronauts need as they conduct groundbreaking science research on orbit. For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 02 24	NASA Johnson	https://youtu.be/28r2SFZwkB0	Space to Ground Special Delivery for the Station 02 24 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 02 21	NASA Johnson	https://youtu.be/_wc9l4vGm5Y	Next Big Thing Genetic Data from Space Station	It could be the start of a new era, with the first data on genetic analysis of International Space Station astronauts published in 2016. Station Deputy Chief Scientist Kirt Costello talks about how these new results from space research are already helping other studies into astronaut vision issues while helping investigators develop new experiments that hold great promise for future results. For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 02 17	NASA Johnson	https://youtu.be/HoE3L56BVZw	Space to Ground Flying Robots in Space 02 17 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 02 15	NASA Johnson	https://youtu.be/HQdMZ5OAU3U	SAGE-III Ready for Ozone Checkup	A third-generation investigation into the state of the ozone layer of Earth's atmosphere is scheduled for launch to the International Space Station on the SpaceX-10 cargo ship. Marilee Roell of NASA's Langley Research Center explains how the third iteration of the Stratospheric Aerosol and Gas Experiment will measure ozone, aerosols and other components of the atmosphere for scientists who hope to see an improvement in the atmosphere's ability to protect the planet—and everyone and everything on it—from harmful ultraviolet radiation. For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/TheSpaceProgram	Transcript Link
2017 02 11	NASA Johnson	https://youtu.be/7fYKMCCPh28	The Earth 4K Extended Edition	Can't get enough of Earth? Then this is for you: an extended playback of Ultra High Definition views of Planet Earth, captured by NASA astronaut Jeff Williams during his mission on the International Space Station in 2016. You'll see the French Riviera and the Sahara Desert, cross North America from Texas all the way to Canada, and more—this is your source for the view of your home planet from 250 miles up! Fire up the biggest screen you have. Then throw on your favorite music, kick back and watch. UHD download link: https://archive.org/details/NASA-Ultra-High-Definition High resolution source footage: https://go.nasa.gov/2IGGpk2 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 02 10	NASA Johnson	https://youtu.be/Hbr7I-iVoBE	Space to Ground Who Doesn't Enjoy a Good View of Planet Earth 02 10 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 02 03	NASA Johnson	https://youtu.be/vSjDB9F-9Pk	Zero G Hail Mary Pass - UHD	UHD download link: https://archive.org/details/NASA-Ultra-High-Defintion	Transcript Link
2017 02 03	NASA Johnson	https://youtu.be/ggh96kR8cu0	Space to Ground Science Touchdown! 02 03 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 02 02	NASA Johnson	https://youtu.be/kK2dLogihpg	%23SpaceBowl Football Toss	Media and social media influencers are gathered in Houston today for the #SpaceBowl #NASASocial ahead of #SB51, but the spaceflight team is made up of NASA centers and industry partners all across the country! You play an important role too. Are you ready to run the ball into the end zone by sharing these space facts out into the world?	Transcript Link

2017 02 02	NASA Johnson	https://youtu.be/hBnVSIvDoqQ	How Do Astronauts Stay In Touch with Earth	Mission Control is home to many different players in many different positions that support the astronauts while they're out on the field. Communication is important, but how exactly do they stay in touch? #SpaceBowl HD download link: https://archive.org/details/InformationalVideos	Transcript Link
2017 01 31	NASA Johnson	https://youtu.be/SliwCMZd4R4	Referee Robonaut Football Signals	Can you guess the football signals Robonaut is doing? He's designed to perform complex tasks and use the same tools astronauts use. Robonaut is a dexterous humanoid robot built and designed at NASA Johnson Space Center in Houston, Texas. Our challenge is to build machines that can help humans work and explore in space. Working side by side with humans, or going where the risks are too great for people, Robonauts will expand our ability for construction and discovery. Central to that effort is a capability we call dexterous manipulation, embodied by an ability to use one's hand to do work, and our challenge has been to build machines with dexterity that exceeds that of a suited astronaut. Researchers at NASA's Johnson Space Center (JSC), in collaboration with General Motors and Oceaneering, have designed a state-of-the-art, highly dexterous, humanoid robot: Robonaut 2 (R2). R2 is made up of multiple component technologies and systems -- vision systems, image recognition systems, sensor integrations, tendon hands, control algorithms, and much more. R2's nearly 50 patented and patent-pending technologies have the potential to be game-changers in multiple industries, including logistics and distribution, medical and industrial robotics, and beyond. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link
2017 01 30	NASA Johnson	https://youtu.be/DWkowyIB1To	Astronaut Tailgating	Houston is home not only to Super Bowl LI, but also NASA's astronauts at Johnson Space Center. It's scientifically proven you can't survive in space without queso for 6 months, so ahead of the big game the Space Food Systems Lab helped us make space food versions of classic tailgating dishes. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 01 27	NASA Johnson	https://youtu.be/XXT2jkm2eTw	Space to Ground Flying a Space KITE 01 27 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 01 21	NASA Johnson	https://youtu.be/Sq4KHpbTdTo	Seven Spacewalks for Peggy Whitson	NASA astronaut Peggy Whitson completed her seventh spacewalk on Jan. 6, 2017. Here are scenes from each of her seven spacewalks.	Transcript Link
2017 01 20	NASA Johnson	https://youtu.be/YQv93BOIJQE	Space to Ground Satellites Away! 01 20 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 01 19	NASA Johnson	https://youtu.be/IBechwsmk1Y	Now's the Time for Science in Space	It's easier than ever for researchers to get their experiments on the International Space Station: chief scientist Dr. Julie Robinson says scientists from nearly 100 countries around the world have been able to take advantage of the station to do research as access and funding have opened up. Since the station has been hosting science for more than fifteen years now, there has been enough time for station research results to have become new products that are helping people in their daily lives on Earth, and she says the increased access of today will lead to a huge wave of new results in just the next few years. For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 01 14	NASA Johnson	https://youtu.be/geHritEjBnY	%23ICYMI Spacewalkers Wrap up Power Upgrades	#ICYMI: The second spacewalk of 2017 saw two astronauts hook up new gear to improve the space station's power systems.	Transcript Link
2017 01 13	NASA Johnson	https://youtu.be/smtsc5mlex8	Space to Ground A Recharging Spacewalk! 01 13 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 01 11	NASA Johnson	https://youtu.be/DHrLhm2z3xk	EVERYWEAR in Space	Crew members on the International Space Station watch their health while in space just like they do when on Earth, but the wrist-worn technology they use in orbit is different from yours and mine. Maurice Marnat, with the National Center for Space Studies in Toulouse, France, talks about the EVERYWEAR wearable sensors, and the iPad application used to easily download medical data from multiple experiments to scientists on the ground, now being tried out in space by European Space Agency (ESA) astronaut Thomas Pesquet. HD download link: https://archive.org/details/TheSpaceProgram You can learn more about EVERYWEAR here https://www.nasa.gov/mission_pages/station/research/experiments/2308.html For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 01 10	NASA Johnson	https://youtu.be/Ne57B7QI4gk	Everything About Mission Control Houston	Houston, we have a problem – there are too many questions about Mission Control. Luckily, Flight Director Mary Lawrence is here to answer as many as she can before her shift starts. Listen as she and her fellow flight controllers answer everything about Mission Control Houston: what time does it close, how many acronyms do you have to learn, is there a phone number for the space station, and many many more. All of the flight controllers on screen are real Houston flight controllers and controllers in training. HD download link: https://archive.org/details/Everything-About-Mission-Control-Houston_YT-MXF_jsc2016m001100.mxf _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2017 01 06	NASA Johnson	https://youtu.be/Yzh065x917w	Space to Ground A Powerful Spacewalk 01 06 2017	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2017 01 05	NASA Johnson	https://youtu.be/BDYbaphIjxI	Spacewalk to Upgrade Station Power Systems	Two spacewalkers, astronauts Shane Kimbrough and Peggy Whitson, are going outside Friday morning to continue the upgrade of space station power systems.	Transcript Link
2016 12 30	NASA Johnson	https://youtu.be/sC217wotZy8	Piers Sellers 1955 - 2016	In an interview from July 2016, NASA Astronaut Piers Sellers shares the dreams that led him to become an astronaut and his hopes for future exploration. A veteran of three spaceflights (STS-112, STS-121, and STS-132) and a renowned climate scientist, Sellers died on Dec. 23 at the age of 61. “We lost a tremendous public servant who was dedicated to NASA, the nation and the world," said NASA Administrator Charles Bolden. "He was a strident defender and eloquent spokesperson for our home planet, Earth. Spacewalker and scientist, free thinker and friend to our planet, and all who seek new knowledge, to say he will be missed would be a gross understatement." Read Administrator Bolden's full statement here: https://www.nasa.gov/press-release/nasa-administrator-remembers-nasa-scientist-astronaut-piers-sellers	Transcript Link

2016 12 29	NASA Johnson	https://youtu.be/-nmNhKRzy4w	Jeff's Earth - 4K	The first time you see Planet Earth from space, it's stunning; when you've spent 534 days in space—more than any other American—it still is! On his most recent trip the International Space Station NASA astronaut Jeff Williams used an Ultra High Definition video camera that he pointed at the planet 250 miles below; here he shares some of those images, and talks about the beauty of the planet, the variety of things to see, and the value of sharing that perspective with everyone who can't go to orbit in person. HD download link: https://archive.org/details/TheSpaceProgram UHD content download link: https://archive.org/details/NASA-Ultra-High-Definition High resolution source footage: https://go.nasa.gov/2IGGpk2 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 12 28	NASA Johnson	https://youtu.be/jiL27ptrWDE	Space Sniffer	For long-duration space missions, whether to the International Space Station or to Mars and beyond, it's important to be able to ensure clean air for crew members to breathe, and that's the reason for Electronic Nose. Anna Grinberg, a systems engineer for microgravity payloads at Airbus, explains how E-nose analyzes the atmosphere inside the space station to provide rapid, advanced warning of potential contaminant build-up, and how it can provide potential benefits for life on Earth, too. You can learn more about E-nose here: For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 12 27	NASA Johnson	https://youtu.be/CCW7PGGg7DI	History of Mission Control	Since the days of Gemini all of America's human spaceflight programs have been controlled by men and women stationed in one of several flight control rooms at NASA's Johnson Space Center in Houston: the International Space Station flight controllers recently moved into an upgraded facility in the room that hosted the teams during the first manned flights of Apollo and the space shuttle. Here's a tour of "Mission Control Houston" through the years, from its first generation through the facility ready for the flights of Orion, the spacecraft that will take humans farther into space than they've ever gone before. HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ …AND JOIN US ON THE JOURNEY TO MARS! Twitter: https://twitter.com/Astromaterials Facebook: https://www.facebook.com/NASAastromaterials/ Instagram: https://www.instagram.com/nasaastromaterials/ Website: https://ares.jsc.nasa.gov/	Transcript Link
2016 12 22	NASA Johnson	https://youtu.be/HUNfwWGc6Iw	Space to Ground 2016 A Space Expedition 12 22 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 12 22	NASA Johnson	https://youtu.be/AsdngbXX9R0	Packing for the Bottom of the World	Long underwear is only a part of the story when it comes to what you take on a business trip to Antarctica. Planetary scientist Dave Mittlefehldt of the NASA Johnson Space Center's Astromaterials Research and Exploration Science Division is on his fifth trip there to look for meteorites that can teach us about the formation of the solar system and the evolution of the moon and Mars. What personal items does he take along? Watch as "Duck" gets squared away with everything from sunscreen and sandals to glacier glasses, flannel shirts, and novels in Hebrew for his latest adventure. HD download link: https://archive.org/details/TheSpaceProgram _____ JOIN US ON THE JOURNEY TO MARS! Twitter: https://twitter.com/Astromaterials Facebook: https://www.facebook.com/NASAastromaterials/ Instagram: https://www.instagram.com/nasaastromaterials/ Website: https://ares.jsc.nasa.gov/	Transcript Link
2016 12 21	NASA Johnson	https://youtu.be/3gCvSPTJyHQ	From Metal To Masterpiece Orion's 2016 Progress	From the beginning of assembly work on the Orion crew module at NASA's Kennedy Space Center in Florida to testing a range of the spacecraft systems, engineers made headway in 2016 in advance of the spacecraft's 2018 mission beyond the moon. Highlights include: crew module pressure vessel manufacturing; testing to ensure the safety of Orion and its crew upon splashdown in the ocean; testing of procedures to recover Orion after its missions; outfitting and assembly work on the crew module at Kennedy and on the European service module at Airbus Defence & Space in Germany; and service module testing at NASA Glenn's Plum Brook Station in Ohio.	Transcript Link
2016 12 20	NASA Johnson	https://youtu.be/ZPIz9_Zv2FA	Space Station Crew Celebrates the Holidays Aboard the Orbital Lab	Aboard the International Space Station, Expedition 50 Commander Shane Kimbrough and Peggy Whitson of NASA and Thomas Pesquet of the European Space Agency discussed their thoughts about being in space during the holidays and how they plan to celebrate Christmas and New Year's in a downlink message recorded Dec. 12. Kimbrough arrived on the complex in October, followed a month later by Whitson and Pesquet. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 12 19	NASA Johnson	https://youtu.be/FZrqmg_bm7o	Top 16 Earth Images of 2016	Astronauts on the International Space Station take pictures of Earth out their windows nearly every day; over a year that adds up to thousands of photos. The people at the Earth Science and Remote Sensing Unit at NASA's Johnson Space Center in Houston pored through this year's crop to pick their top 16 photos of Earth for 2016—enjoy! Download the images: https://www.flickr.com/photos/nasa2explore/albums/72157674260752223 HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 12 16	NASA Johnson	https://youtu.be/YqP5wMswxzw	Space to Ground Holiday Delivery 12 15 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 12 14	NASA Johnson	https://youtu.be/pNQ9CTJ7Mxc	Orion Backstage NASA's Super Guppy Takes on Heavy Lifting for Orion	NASA's David Elliott and a team of pilots and engineers who operate the agency's Super Guppy aircraft are responsible for transporting some of the biggest elements of spacecraft to locations around the country. The Super Guppy has played an important role carrying pieces of Orion, such as the primary structure of the crew module, to Kennedy Space Center in Florida for outfitting and processing in advance of its 2018 mission that will take the uncrewed spacecraft, launched atop the Space Launch System rocket, about 40,000 miles beyond the moon.	Transcript Link

2016 12 14	NASA Johnson	https://youtu.be/HZrg9nvrKkY	Veggie Grows Again!	It’s harvest time on the International Space Station, where NASA astronaut Shane Kimbrough and his crewmates are cutting the red romaine lettuce they’ve been growing for the Veg-03 edition of the Veggie experiment. Why do we need to grow plants in space? Robert Richter from Orbitec, the company that developed the Veggie hardware, shares the benefits and talks about what’s ahead for future long-duration space missions that will require crews to grow their own food. You can learn more about Veggie here: https://www.nasa.gov/mission_pages/station/research/experiments/383.html HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 12 13	NASA Johnson	https://youtu.be/HamFcDiqi_M	Japan's HTV-6 Makes Four Spacecraft Parked at the Station	Japan's HTV-6 resupply ship arrived at the space station after a four-day trip, was captured by Canada's robotic arm and installed to the Harmony module.	Transcript Link
2016 12 13	NASA Johnson	https://youtu.be/IeWOIJf2BJM	Two Astronauts Capture Japanese Cargo Craft	Astronauts Shane Kimbrough and Thomas Pesquet captured Japan's HTV-6 cargo ship with the Canadarm2 robotic arm today at 5:37 a.m. EST while flying over southern Chile. http://go.nasa.gov/2hpPrnY	Transcript Link

2016 12 09	NASA Johnson	https://youtu.be/xiWO6n_3s70	Ground and Space Views of Japanese Rocket Launch	This picture-in-picture video shows two simultaneous views of Japan's H-IIB rocket launching from Japan on Dec. 9, 2016. The main view is from cameras at the Tanegashima Space Center. The smaller view is from external cameras on the International Space Station as it orbited over Japan.	Transcript Link
2016 12 09	NASA Johnson	https://youtu.be/stPAHJQ8iL4	Space to Ground Cargo on the Way! 12 09 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 12 02	NASA Johnson	https://youtu.be/LL43GAKoH4Q	Space to Ground 70 Hours of Science 12 01 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 11 23	NASA Johnson	https://youtu.be/CPvcjRARi68	Space to Ground Giving Thanks for a New Crew 11 23 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 11 22	NASA Johnson	https://youtu.be/ZvE8jIf5Efw	Orion Backstage Keeping Orion Weight Off And Crew Weight On	To help reduce the amount of supplies Orion will carry for its crew, scientists are developing a variety of food bars that astronauts can eat for breakfast during their early spaceflight missions. But designing a food bar to a specific nutritional balance for astronauts while also increasing caloric density and passing the taste test is no small task. On Orion, the goal is to have a number of food bars to select from in a variety of flavors like orange cranberry or barbeque nut for their first meal of the day, reducing the amount of space and storage the breakfasts require. Food scientist Takiyah Sirmons and Orion's deputy health and medical technical authority, Jessica Vos, talk about the food bars.	Transcript Link
2016 11 21	NASA Johnson	https://youtu.be/5DZ6RA1__Ts	BEAM Me Up Space Habitats	Imagine living in a spaceship that arrives in space folded up before expanding…businessman Robert Bigelow's dream is a lot closer to reality now that BEAM, the Bigelow Expandable Activity Module, is expanded and attached to the International Space Station. Over the next two years, BEAM will undergo a series of tests to validate the overall performance of expandable habitats where crews could live and work. BEAM is an example of NASA partnering with industry to enable the growth of the commercial use of space. Read more: http://go.nasa.gov/2eZiPny You can learn more about BEAM here http://www.nasa.gov/sites/default/files/atoms/files/2016-march-beam-factsheet-508.pdf For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link
2016 11 20	NASA Johnson	https://youtu.be/lYqi-tYxEAI	Welcome Aboard! New Arrivals Make Six Expedition 50 Crew Members	Three new Expedition 50 crew members joined the International Space Station after a two-day ride inside the Soyuz MS-03 spacecraft. Details here.. http://go.nasa.gov/2fGNPry	Transcript Link

2016 11 18	NASA Johnson	https://youtu.be/ixvk5al_0bc	Peggy's Personal Pre-Launch Package	Go behind the scenes: with camera in hand, NASA astronaut Peggy Whitson draws back the curtain on pre-launch activities at the Baikonur Cosmodrome as she prepares for her second Soyuz launch to the International Space Station. Whitson gives viewers a closer look at technical aspects of the operation as well as some personal insights into getting ready to leave the planet for six months. HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 11 18	NASA Johnson	https://youtu.be/e-GbTqpCLLM	Expedition 50 Suits Up and Launches	Expedition 50 started the day early heading out to the launch pad, suiting up and finally lifting off on a two-day mission to the International Space Station.	Transcript Link
2016 11 17	NASA Johnson	https://youtu.be/q8cT2b6rrkY	Space to Ground That's no Moon! 11 17 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 11 17	NASA Johnson	https://youtu.be/jqHuQ0o4vyo	A Moment with Peggy Whitson	A Moment with Peggy Whitson	Transcript Link

2016 11 15	NASA Johnson	https://youtu.be/2BB_zxZvaVs	Supermoon over Baikonur	At the Baikonur Cosmodrome in Kazakhstan, the moon, or supermoon, rises above the launch pad at Launch Complex 1 Nov. 14, where the Soyuz MS-03 spacecraft stands poised to liftoff following its transport to the pad for final pre-launch preparations. A supermoon occurs when the moon's orbit is closest, or at perigee, to Earth. The Soyuz will launch Nov. 18, Baikonur time, to send Expedition 50-51 crewmembers Peggy Whitson of NASA, Oleg Novitskiy of the Russian Federal Space Agency (Roscosmos) and Thomas Pesquet of the European Space Agency to the International Space Station for a six-month mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 11 15	NASA Johnson	https://youtu.be/6A3ZHxWwOXI	5 Things You Didn't Know About Astronaut Peggy Whitson	With two trips to the International Space Station already under her belt, you might think we've heard all there is to hear about NASA astronaut Peggy Whitson…but you'd be wrong. Here the Iowa native and former chicken entrepreneur lets us in on five things we never knew about the station's first-ever female commander as she heads back for a third tour of duty on orbit. HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 11 14	NASA Johnson	https://youtu.be/j0wdRieUQ7g	Expedition 50 Rocket Comes Together	At the Baikonur Cosmodrome in Kazakhstan, the Soyuz MS-03 spacecraft was mated to its booster rocket Nov. 13 and moved to the launch pad on a railcar Nov. 14 for final preparations before launch to the International Space Station Nov. 18, Kazakh time. The Soyuz MS-03 will carry Expedition 50-51 Soyuz Commander Oleg Novitskiy of Roscosmos and Flight Engineers Peggy Whitson of NASA and Thomas Pesquet of the European Space Agency (ESA) to the orbital complex for a six-month mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 11 10	NASA Johnson	https://youtu.be/4Gq8_TcNQbg	Space to Ground Eyes on Earth 11 10 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. To learn more about Sally Ride EarthKAM, please go to: https://www.earthkam.org/ To learn more about METEOR, please go to: http://go.nasa.gov/2eUcwxv _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 11 10	NASA Johnson	https://youtu.be/FrkDAk3H96k	Expedition 50-51 Crew Prepares for Launch in Kazakhstan	At the Baikonur Cosmodrome in Kazakhstan, Expedition 50-51 Soyuz Commander Oleg Novitskiy of Roscosmos and Flight Engineers Peggy Whitson of NASA and Thomas Pesquet of the European Space Agency (ESA) participated in a variety of activities Nov. 1-10 as they prepared for the launch of Novitskiy, Whitson and Pesquet Nov. 18, Kazakh time, on the Soyuz MS-03 spacecraft for a six-month mission on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 11 09	NASA Johnson	https://youtu.be/bnWR-Gtrh8A	Astronaut at a Glance Jack Fischer	A short autobiographical summary of Jack Fischer. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2016 11 03	NASA Johnson	https://youtu.be/fkuuA7Z2x2Y	Space to Ground Picture Perfect Landing 11 03 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 11 02	NASA Johnson	https://youtu.be/sSfeJ8qaG7Q	October Highlights	October saw three new crew members aboard a Soyuz spacecraft and a Cygnus resupply ship launch to the space station before another crew landed after 115 days in space.	Transcript Link
2016 11 02	NASA Johnson	https://youtu.be/iGE81m_c1gA	Monthly ISS Research Video Update for October 2016	See the highlights of recent research conducted on the International Space Station during October.	Transcript Link
2016 11 01	NASA Johnson	https://youtu.be/Y-qZMOTT-OM	Space Station Astronauts Arrive in Houston for Homecoming	Expedition 49 crew members Kate Rubins of NASA and Takuya Onishi of the Japan Aerospace Exploration Agency returned to Ellington Field near the Johnson Space Center in Houston early Oct. 31, just over 24 hours after landing in Kazakhstan aboard the Soyuz MS-01 spacecraft with cosmonaut Anatoly Ivanishin of Roscosmos. The trio wrapped up a 115-day mission on the International Space Station on Oct. 29. The scientific work of the mission continues, however, as Rubins and Onishi begin a series of post-flight medical tests. HD download link: https://archive.org/details/Expedition49ResourceReel	Transcript Link

2016 11 01	NASA Johnson	https://youtu.be/VLnPaP2fGYE	Mars Materials Exposed!	To build the better spaceship of the future, NASA is exposing potential building materials to space today outside the International Space Station. Kim de Groh, a senior materials scientist at NASA's Glenn Research Center, explains how they use the Materials on International Space Station Experiment (MISSE) to learn how those materials hold up in the space environment. Coin-sized specimens—including advanced solar cells, spacecraft materials, and computing devices—are set in a container outside the station to be exposed to vacuum, ultraviolet radiation, direct sunlight and extreme heat and cold. Many of these phenomena also occur on Earth, which means MISSE results can improve terrestrial designs, too. You can learn more about MISSE here http://www.nasa.gov/mission_pages/station/research/news/materials_international_space_station For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION!	Transcript Link
2016 11 01	NASA Johnson	https://youtu.be/bhPNNIiuEzI	NASA on the Edge of Forever Science in Space	For 50 years, Star Trek has inspired generations of scientists, engineers, and even astronauts to reach beyond their grasp, to help create a future for humanity with limitless potential. Warp drives, phasers, and transporters might be what you picture when you think of Star Trek. But some of the show's other scientific concepts are actually being researched and utilized aboard humanity's laboratory in the sky - The International Space Station. HD download link: https://archive.org/details/ISSBenefitsforHumanity _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 11 01	NASA Johnson	https://youtu.be/dMNCth_vgr0	Expedition 50-51 Crew Departs for Kazakh Launch Site	Expedition 50-51 Soyuz Commander Oleg Novitskiy of Roscosmos and Flight Engineers Peggy Whitson of NASA and Thomas Pesquet of the European Space Agency along with their backups, Fyodor Yurchikhin of Roscosmos, Jack Fischer of NASA and Paolo Nespoli of the European Space Agency participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia, outside Moscow Nov. 1. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete their training for the launch of Novitskiy, Whitson and Pesquet on the Soyuz MS-03 spacecraft Nov. 18, Kazakh time, for a five-month mission on the International Space Station. FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 27	NASA Johnson	https://youtu.be/HxwHl35LhGQ	Space to Ground Three Up, Three Down 10 27 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 26	NASA Johnson	https://youtu.be/qam7K5H6Rqo	Expedition 50-51 Crew Conducts Ceremonies Russia	Expedition 50-51 Soyuz Commander Oleg Novitskiy of Roscosmos and Flight Engineers Peggy Whitson of NASA and Thomas Pesquet of the European Space Agency along with their backups, Fyodor Yurchikhin of Roscosmos, Jack Fischer of NASA and Paolo Nespoli of the European Space Agency visited the Gagarin Museum where they viewed historic space artifacts at the Gagarin Cosmonaut Training Center in Star City, Russia Oct. 26, then visited Red Square in Moscow for traditional ceremonies. Novitskiy, Whitson and Pesquet are scheduled to launch on Nov. 16, Kazakh time, from the Baikonur Cosmodrome in Kazakhstan in the Soyuz MS-03 spacecraft for a five-month mission on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 10 25	NASA Johnson	https://youtu.be/BtlJaI3yu2E	Expedition 50-51 Crew Undergoes Final Training Outside Moscow	Expedition 50-51 Soyuz Commander Oleg Novitskiy of Roscosmos and Flight Engineers Peggy Whitson of NASA and Thomas Pesquet of the European Space Agency conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia Oct. 20 and 21.	Transcript Link
2016 10 24	NASA Johnson	https://youtu.be/SYHR3UgOhhs	Try This Spacesuit Gloves	Does the suit that protects astronauts out in space also make it easy for them to do their jobs? Members of the NASA Intern Repertory Drama Society (NIRDS) answer that question by trying a few simple tasks while wearing the gloves that astronauts wear during spacewalks. The results will help you understand why there are no buttons on spacesuits. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 20	NASA Johnson	https://youtu.be/g0day1xpTzU	Space to Ground Smoke and Fire 10 20 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 19	NASA Johnson	https://youtu.be/QfPbemSzFRw	A Moment With Shane Kimbrough	A moment with Shane Kimbrough. HD download link: https://archive.org/details/Expedition50ResourceReel	Transcript Link

2016 10 19	NASA Johnson	https://youtu.be/8MpiIFUo8QM	Expedition 49-50 Launches to the International Space Station	Expedition 49-50 Soyuz Commander Sergey Ryzhikov and Flight Engineer Andrey Borisenko of Roscosmos and Flight Engineer Shane Kimbrough of NASA launched on the Russian Soyuz MS-02 spacecraft on Oct. 19 from the Baikonur Cosmodrome in Kazakhstan to begin a two-day journey to the International Space Station and the start of a four-month mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 19	NASA Johnson	https://youtu.be/FW-3A78OeNw	New Crew Launches on Two-Day Trip to Station	Three new Expedition 49-50 crew members launched aboard the Soyuz MS-02 spacecraft from the Baikonur Cosmodrome in Kazakhstan at 4:05 a.m. EDT Wednesday, Oct. 19. http://go.nasa.gov/2eghasp	Transcript Link
2016 10 19	NASA Johnson	https://youtu.be/H0QbMJqqQwk	The Soyuz Rolls Out to the Launch Pad	Watch as the Soyuz MS-02 spacecraft is assembled, rolled out to the launch pad and raised into position at the Baikonur Cosmodrome in Kazakhstan before Wednesday morning's launch of three new crew members to the space station.	Transcript Link
2016 10 18	NASA Johnson	https://youtu.be/FRhIcs3cvJc	5 Things You Didn't Know About Astronaut Shane Kimbrough	After years of training NASA astronaut Shane Kimbrough is only days away from launching on a long-duration mission to the International Space Station, so there’s not much left to say, right? Wrong! Here are five secrets about his past that the Texas native and retired Army officer hasn’t told us, until now. HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 10 18	NASA Johnson	https://youtu.be/Sic9M7qGV9g	Exploring Heart Cells in Space	Space researcher Kate Rubins, who is returning home in two weeks, explored heart cells in space. Those cells were returned to Earth in August by SpaceX for analysis by scientists to improve heart health.	Transcript Link
2016 10 14	NASA Johnson	https://youtu.be/ouDKD9G9jOE	Everything About Living in Space	With only five minutes but an unlimited number of questions, you can find out what it's really like to live on the International Space Station—if you also have NASA astronaut Reid Wiseman, who spent 165 days in space during Expeditions 40 and 41 in 2014. Listen as Wiseman answers the questions you would ask about real life in zero g: how big is the space station, is it very hot or cold there, was the food any good, did you prank-call anyone from orbit, and many many more. HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 14	NASA Johnson	https://youtu.be/oKZvYztlpp4	Space to Ground Astronaut Energy 10 14 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 10 13	NASA Johnson	https://youtu.be/7FLi1uby_u4	Crew Prepares for October 19th Launch	At the Baikonur Cosmodrome in Kazakhstan, Expedition 49-50 Soyuz Commander Sergey Ryzhikov and Flight Engineer Andrey Borisenko of Roscosmos and Flight Engineer Shane Kimbrough of NASA along with their backups, Alexander Misurkin and Nikolai Tikhonov of Roscosmos and Flight Engineer Mark Vande Hei of NASA participated in a variety of activities Oct. 7-13 as they prepared for the launch of Kimbrough, Ryzhikov and Borisenko Oct. 19 on the Soyuz MS-02 spacecraft for a four-month mission on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 13	NASA Johnson	https://youtu.be/TJbk9c594t8	Hurricane Nicole over Bermuda	From an altitude of 252 miles, cameras outside the International Space Station captured new views of Hurricane Nicole Oct. 13 at 1:40 p.m. EDT as it passed directly over Bermuda, packing winds of 120 miles an hour. Nicole moved past Bermuda by mid-afternoon, but not before creating eight-foot storm surges and resulting flooding to the island.	Transcript Link
2016 10 13	NASA Johnson	https://youtu.be/QR0orgqkLi0	Orion Backstage Navy diver Beau Lontine prepares for Orion recovery	When NASA's Orion returns to Earth after traveling more than 40,000 miles beyond the moon during its next mission and splashes down in the Pacific Ocean, a team from the U.S. military will help secure Orion and safely return it back to land. U.S. Navy diver Beau Lontine and a team from the U.S. Navy, Coast Guard, Air Force and NASA practiced Orion recovery techniques in the Neutral Buoyancy Laboratory at Johnson Space Center in Houston, the facility where astronauts train for spacewalks. The evaluations help the team prepare for an upcoming series of tests off the Coast of San Diego in October where they'll check out the hardware and operations they'll use to secure Orion after its first test flight of Orion with the agency's Space Launch System rocket in late 2018. The testing all helps pave the way for Orion flights with astronauts.	Transcript Link

2016 10 12	NASA Johnson	https://youtu.be/lylmTYVwEro	Hurricane Nicole From Space	Cameras outside the International Space Station captured views of Hurricane Nicole Oct. 12 at 1:37 p.m. EDT as it moved north at about 8 miles an hour, packing winds of 100 miles an hour. The hurricane is forecast to pass over or near to Bermuda on Oct. 13. As a result, engineers involved in Eastern range operations opted to dismantle antennas on the Bermuda tracking station and other equipment as a precautionary measure. The possible effects of the hurricane at the Bermuda tracking station coupled with routine pre-launch operations at the Wallops Flight Facility, Virginia has resulted in a no earlier than launch date of Oct. 16 for the Orbital/ATK Cygnus cargo craft to the orbital outpost. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 07	NASA Johnson	https://youtu.be/72ca0opq92Y	Space to Ground A Churning Storm 10 07 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 06	NASA Johnson	https://youtu.be/rfVNn_Y4Onc	Hurricane Matthew from the Space Station - Oct. 6 (speed x4)	Cameras outside the station captured new views today of massive Hurricane Matthew as it flew 250 miles overhead at 4:45pm ET. At the time of the flyover, Matthew was moving to the northwest through the Bahamas as a Category 4 hurricane that is expected to strike the east coast of Florida and track up the Space Coast Oct. 7 with winds that are expected to reach a destructive 145 miles an hour, according to the National Hurricane Center.	Transcript Link

2016 10 06	NASA Johnson	https://youtu.be/cA5OJr3X0vg	Welcome to NASA (Based off Flo Rida's My House)	"Welcome to NASA" is an outreach video project created by interns at NASA's Johnson Space Center. It was based off of Flo Rida's "My House" to raise interest for NASA's Journey to Mars. The lyrics and scenes in the video have been re-imagined in order to inform the public about the amazing work going on at NASA and the Johnson Space Center. Learn more about NASA: http://www.nasa.gov Learn more about the Journey to Mars: http://www.nasa.gov/journeytomars Learn more about Orion: http://www.nasa.gov/orion For students interested in NASA's Johnson Space Center: http://pathways.jsc.nasa.gov https://intern.nasa.gov/ http://www.facebook.com/nasa.jsc.students http://www.twitter.com/nasajscstudents http://instagram.com/nasajscstudents Special thanks to: Megan Sumner Created, produced, and edited by NASA Johnson Space Center Interns. Lyrics: Open up the airlock, pop! It's NASA, come on, turn it up	Transcript Link
2016 10 05	NASA Johnson	https://youtu.be/1hErxDJC-Yw	Hurricane Matthew from the Space Station on Oct. 5 (speed x4)	SPACE STATION CAMERAS CAPTURE MENACING HURRICANE MATTHEW Cameras on the International Space Station captured new views of Hurricane Matthew at 4 p.m. Eastern time Oct. 5 as the Category 3 storm moved to the north of Cuba toward the Bahamas at about 12 miles an hour, packing winds of 120 miles an hour. After inflicting major damage to western Haiti and eastern Cuba, Matthew is heading toward the east coast of Florida where it could pass close to or over NASA's Kennedy Space Center. The National Hurricane Center has issued hurricane warnings from north of Golden Beach, Florida to the Flagler/Volusia county line to Lake Okeechobee. HD download link: https://www.archive.org/details/Expedition49ResourceReel	Transcript Link

2016 10 05	NASA Johnson	https://youtu.be/86aWDx5SQas	NASA + JAXA = Partners in Space	NASA announced the continuation of the successful collaboration with the Japan Aerospace Exploration Agency (JAXA) with the recent signing of an agreement to encourage scientists from both countries to use International Space Station hardware located in both countries' laboratories. JAXA's Tetesuya Sakashita, the science integration manager for JAXA's "Kibo" laboratory module, talks about plans to expand on investigations in microgravity including inviting more countries to participate in this unique orbiting laboratory. To learn more about this new program of cooperation, check out this recent article posted at NASA.gov: http://www.nasa.gov/mission_pages/station/research/news/nasa_jaxa_partnership HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 10 04	NASA Johnson	https://youtu.be/Z8huapsaouU	Hurricane Matthew from the Space Station on Oct. 3 (speed x4)	SPACE STATION CAMERAS CAPTURE DRAMATIC VIEWS OF HURRICANE MATTHEW Cameras outside the International Space Station captured dramatic views of major Hurricane Matthew Oct. 3 as the orbital complex flew 250 miles over the storm at 4:15 p.m. EDT. Packing winds of 140 miles an hour as a Category 4 hurricane, Matthew was expected to pass over western Haiti and eastern Cuba Oct. 4 before charging north over the Bahamas Oct. 5 and potentially threatening the east coast of the United States later in the week. HD download link: https://archive.org/details/Expedition49ResourceReel	Transcript Link
2016 10 01	NASA Johnson	https://youtu.be/BCWNcYsKRNA	September Highlights on the Station	September was filled with a wide variety of space research, a spacewalk, a crew departure and a launch postponement.	Transcript Link

2016 09 30	NASA Johnson	https://youtu.be/oz9RGRMy7LI	Space to Ground Knock Knock 09 30 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 09 29	NASA Johnson	https://youtu.be/ndP1GpMgORA	The Highest Climb	Ascending the sheer face of a mountain cliff takes physical stamina and mental toughness; imagine what it takes when you're more than a million feet above sea level, and the mountain is moving more than five miles a second? Welcome to spacewalking on the International Space Station! These images were captured during spacewalks performed by NASA astronauts Jeff Williams and Kate Rubins in August and September, 2016. HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 09 28	NASA Johnson	https://youtu.be/z69uruiFH_I	The Doctor Is In	Dr. Sanjay Gupta is a surgeon and the medical correspondent for CNN where his reports are watched by millions around the world. He was also one of the keynote speakers at the 2016 International Space Station R&D Conference in San Diego where he led a discussion with Mark and Scott Kelly, veteran NASA astronauts and subjects of the Twins Study. (Scott spent nearly an entire year in orbit collecting bodily fluid samples and conducting experiments on the space station. Meanwhile, his brother Mark would undergo many of the same tests and collect the same samples so scientists can compare data from genetically identical humans.) We caught up with Gupta after the talk in San Diego and he told us why he feels the station is such an important resource for science and if he would ever go into space himself. HD download link: https://archive.org/details/TheSpaceProgram _____ For more on ISS science, visit us online: https://www.nasa.gov/mission_pages/station/research/index.html www.twitter.com/iss_research _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station	Transcript Link

2016 09 26	NASA Johnson	https://youtu.be/MTebNwoHhDY	Space to Ground Launch Delay 09 26 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 09 22	NASA Johnson	https://youtu.be/70GrihLXmSs	Orion Backstage Evaluating Radiation Protection Plans for Astronauts	When astronauts in Orion venture far beyond Earth into deep space, they will expand humanity's frontier and push the boundaries of exploration. While the spacecraft is designed with systems and materials to keep the crew safe during their journey, leaving the protection of Earth's magnetosphere exposes astronauts to a radiation environment in space that scientists and engineers at Johnson Space Center in Houston are working hard to protect against. To protect themselves in the case of a radiation event, such as a solar flare, astronauts will position themselves in the central part of the crew module largely reserved for storing items they'll need during flight and create a shelter using the stowage bags on board. The method protects the crew by increasing mass directly surrounding them, and therefore making a denser environment that solar particles would have to travel through, while not adding mass to the crew module itself.	Transcript Link
2016 09 16	NASA Johnson	https://youtu.be/VwmmNwFnPvk	Expedition 49-50 Crew Prepares for Launch in Kazakhstan160916	At the Baikonur Cosmodrome in Kazakhstan, Expedition 49-50 Soyuz Commander Sergey Ryzhikov and Flight Engineer Andrey Borisenko of Roscosmos and Flight Engineer Shane Kimbrough of NASA along with their backups, Alexander Misurkin and Nikolai Tikhonov of Roscosmos and Flight Engineer Mark Vande Hei of NASA participated in a variety of activities Sept. 8-16 as they prepared for the launch of Kimbrough, Ryzhikov and Borisenko Sept. 24, Kazakh time, on the Soyuz MS-02 spacecraft for a five-month mission on the International Space Station.	Transcript Link
2016 09 16	NASA Johnson	https://youtu.be/qPSiGT1JYWk	Space to Ground Be Cool 09 16 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 09 15	NASA Johnson	https://youtu.be/lwt6_ntY7lI	Expedition 49-50 Crew Visits Red Square for Traditional Ceremonies	Expedition 49-50 Soyuz Commander Sergey Ryzhikov and Flight Engineer Andrey Borisenko of Roscosmos and Flight Engineer Shane Kimbrough of NASA visited Red Square in Moscow for traditional ceremonies. Ryzhikov, Kimbrough and Borisenko are scheduled to launch on Sept. 24 Kazakh time, from the Baikonur Cosmodrome in Kazakhstan in the Soyuz MS-02 spacecraft for a five-month mission on the International Space Station.	Transcript Link
2016 09 14	NASA Johnson	https://youtu.be/5zSKAoEFD5c	A Gut Feeling	There's three pounds of bacteria in your gut, and scientists are learning more about how those bacteria impact human health here on Earth and in space. Dr. Fred Turek of Northwestern University's Center for Sleep and Circadian Biology is studying that bacteria in astronauts on the International Space Station to learn whether it could pose a threat during future missions out into the solar system. HD download link: https://archive.org/details/TheSpaceProgram _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 09 13	NASA Johnson	https://youtu.be/rgFeAcnF9tY	Preparing America for Deep Space Exploration Episode 14 Fired Up	NASA is pressing full steam ahead toward sending humans farther than ever before. Take a look at the work being done by teams across the nation for NASA's deep space human exploration programs, including the Space Launch System, Orion and the Ground Systems Development and Operations Programs, as they continue to propel human spaceflight into the next generation. Highlights from the second quarter of 2016 included the installation of platforms in NASA Kennedy Space Center's Vehicle Assembly Building in preparation for launch vehicle processing, relocation of the Orion crew module to prepare for propulsion tube welding and the second ground-based qualification test of the Space Launch System's five-segment booster. HD download link: https://archive.org/details/PreparingAmericaforDeepSpaceExploration	Transcript Link
2016 09 09	NASA Johnson	https://youtu.be/0HoLtbcIsDQ	Astronaut at a Glance Douglas Hurley	A short autobiographical summary of Douglas Hurley.	Transcript Link

2016 09 09	NASA Johnson	https://youtu.be/3DX0pkZ1Qu4	Space to Ground Record Breaker 09 09 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 09 08	NASA Johnson	https://youtu.be/IUHx9rFnKjM	NASA On the Edge of Forever - International Cooperation	Star Trek first hit the airwaves in 1966 - a period of time when geopolitical tensions were at their highest. Not that you would know that by looking at the diverse crew of the Enterprise. The creators of Star Trek knew that if humans are to someday explore the universe, we would need to put aside our differences and boldly go forth as citizens of Earth. NASA and its international partners adopted a similar model when conceiving humanity's first International Space Station. They utilized the intelligence and resources of nations from around the globe.	Transcript Link
2016 09 07	NASA Johnson	https://youtu.be/E-B9uR74YQ4	Expedition 48 Crew Receives a Warm Welcome in Kazakhstan	Expedition 48 Commander Jeff Williams of NASA and Soyuz Commander Alexey Ovchinin and Oleg Skripochka of Roscosmos were greeted in a traditional ceremony at the airport in Karaganda, Kazakhstan Sept. 7, a few hours after landing in their Soyuz TMA-20M spacecraft in Kazakhstan near the town of Dzhezkazgan. After the ceremony, Ovchinin and Skripochka returned to their training base in Star City, Russia, while Williams returned to the U.S. The trio spent 172 days in space aboard the orbital laboratory. The footage includes an interview conducted with Williams at the Karaganda airport.	Transcript Link
2016 09 02	NASA Johnson	https://youtu.be/ssnUAN82T9g	Dan Goes to Kazakhstan	Four times a year, human beings plummet from outer space to land in the middle of Kazakhstan. Right now, crews serving on the International Space Station start and end their journeys in the central Asian country. When it's time to come home, they strap in for a parachute landing in the middle of the spare and remote Kazakh steppe. To bring their crew members home, a small NASA team makes the trip from Houston to Kazakhstan. NASA's Dan Huot filmed one such trip in June 2016 when NASA's Tim Kopra landed with British astronaut Tim Peake and Russian cosmonaut Yuri Malenchenko. Strap in. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 09 02	NASA Johnson	https://youtu.be/PNt6L9dWbZ0	Space to Ground Tracking the Tropics 09 02 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 08 31	NASA Johnson	https://youtu.be/_406gfSToBs	Space Station Live The Almost Human Touch	NASA Commentator Lori Meggs speaks with Dr. Lenore Rasmussen about results from Synthetic Muscle, her investigation on board the International Space Station. This materials experiment could lead to better coatings for robotics in the harsh environment of space and more human-like prosthetics on Earth. Read more about the Synthetic Muscle investigation... http://www.nasa.gov/mission_pages/station/research/news/synthetic_muscle _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 08 30	NASA Johnson	https://youtu.be/5d-lCAlfr5s	Station Orbits Over Three Hurricanes	This time-lapse video taken from the space station on Aug. 30 shows Hurricanes Lester and Madeline in the Pacific Ocean, then Gaston in the Atlantic Ocean.	Transcript Link

2016 08 30	NASA Johnson	https://youtu.be/gdouU1IN8TQ	Space Station Cameras Capture Tropical Systems in the Pacific and the Atlantic	Cameras outside the International Space Station captured spectacular views Aug. 30 from 257 miles above the Earth of three powerful tropical systems churning across the Pacific and Atlantic Oceans. In order, Hurricane Lester is seen as it moves westward across the Pacific packing winds of 125 miles an hour. It is followed by video of Hurricane Madeline as it moved westerly across the Pacific as well, with winds in excess of 130 miles an hour. Both storms were on a track that could threaten the big island of Hawaii in the days ahead. Lastly, the station cameras captured a view of Hurricane Gaston as it churned across the open Atlantic with winds of 100 miles an hour. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 08 29	NASA Johnson	https://youtu.be/02TYu73B3jc	Animation of Sept. 1 Space Station Spacewalk	This animation depicts the activities spacewalkers Jeff Williams and Kate Rubins will perform Sept. 1. Working on the port side of the orbiting complex's backbone, or truss, Expedition 48 Commander Jeff Williams and Flight Engineer Kate Rubins of NASA will retract a thermal radiator that is part of the station's cooling system. The radiator is a backup that had been deployed previously as part of an effort to fix an ammonia coolant leak. They'll also tighten struts on a solar array joint, and install the first of several enhanced high-definition television cameras that will be used to monitor activities outside the station, including the comings and goings of visiting cargo and crew vehicles. Coverage of the spacewalk will begin at 6:30 a.m. EDT Sept. 1, on NASA TV and the agency's website, with the spacewalk scheduled to begin at 8:05 a.m. Watch live on YouTube at https://www.youtube.com/watch?v=UdmHHpAsMVw or online at www.nasa.gov/ntv. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Web: https://www.nasa.gov/station	Transcript Link

2016 08 29	NASA Johnson	https://youtu.be/TplYDB_csf8	Benefits for Humanity Know Your Water	What if that clear, sparkling stream coming from the ground or a faucet were teeming with contaminants? How would you know? Whether you live in some remote region of Africa, a high rise in New York City or aboard an orbiting laboratory in space, you need reliable drinking water to survive. You now can check the cleanliness of your water using the mWater app on your mobile phone. This handy tool, based in part on International Space Station technology, provides a global resource available for free download as an app or usable via the Web browser version of the app on most smart- phones. Governments, health workers and the public all can make use of mWater to record and share water test results. During the first year of the beta release of mWater, more than 1,000 users downloaded it and mapped several thousand water sources. For more information: http://www.nasa.gov/mission_pages/station/research/benefits/mWater HD download link: https://archive.org/details/ISSBenefitsforHumanity	Transcript Link
2016 08 26	NASA Johnson	https://youtu.be/gZCtRccs1xo	Space to Ground 520 Days and Counting 08 26 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 08 25	NASA Johnson	https://youtu.be/ZFd8gmUTGmw	NASA Astronaut Jeff Williams Celebrates the National Park Service Centennial from Space	NASA Astronaut Jeff Williams shares his photos and personal stories as he celebrates the 100th anniversary of the National Park Service. Jeff's affection for the National Parks began when he was a child. His father was a seasonal park ranger serving at Devils Tower National Monument. Now, his unique vantage point on the International Space Station provides an endless panorama of the natural beauty and awesome grandeur that is found in the National Parks. _____ FOLLOW JEFF WILLIAMS! Facebook: https://www.facebook.com/NASAAstronautJeffWilliams/ Twitter: https://twitter.com/astro_jeff Instagram: https://www.instagram.com/astro_jeffw/	Transcript Link

2016 08 24	NASA Johnson	https://youtu.be/_403HWLU6Uk	Scott Kelly Congratulates Jeff Williams on Breaking Record	On Wednesday, Aug. 24, NASA astronaut and Expedition 48 Commander Jeff Williams surpassed 520 days living in space, breaking Scott Kelly's previous record for most cumulative time spent in space by a U.S. astronaut, set during Kelly's year-long mission.	Transcript Link
2016 08 24	NASA Johnson	https://youtu.be/rXVILG8gLVo	Space Station Live Measuring Motor Skills	Some of the simplest things you do become much more difficult when you're trying to do them in zero g, and the Fine Motor Skills experiment on the International Space Station is finding out how much harder. NASA Commentator Lori Meggs talks with Kritina Holden, the experiment's principal investigator, about how she's measuring station crew members' adaptation to performing skills while in a weightless environment and what that data could mean for human capabilities during the future missions to deep space that are now on the drawing boards. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 08 23	NASA Johnson	https://youtu.be/Z59pq5JHpnc	NASA Public Affairs interviews Expedition 48 Crew About Upcoming Activities	NASA Public Affairs Officer Rob Navias conducted an in-flight interview July 26, 2016 with International Space Station Expedition 48 Commander Jeff Williams and Flight Engineer Kate Rubins of NASA. Topics of discussion including their spacewalk Aug. 19 to install the first International Docking Adapter on the ISS for future use by U.S. commercial crew vehicles, station research work and the upcoming milestone on Aug. 24 when Williams surpasses former astronaut Scott Kelly's record of 520 days in space, the most by an American astronaut. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 08 22	NASA Johnson	https://youtu.be/nbdrZ2JUOw0	Benefits for Humanity Engaging the Next Generation	NASA is giving the engineers and scientists of tomorrow a chance to build real spaceflight hardware while still in school. High Schools United with NASA to Create Hardware (HUNCH) is an educational initiative that gives High School students the opportunity to create hardware with NASA's aid. Students in the HUNCH program receive valuable experience creating goods for NASA from hardware to the culinary arts, while NASA receives the creativity of the High School students. NASA provides materials, equipment, and mentoring to each of the HUNCH teams across the country so that they can complete their projects to near expert quality over the course of their studies while keeping the students as safe as possible when working with the machinery. Learn more about HUNCH: https://www.nasahunch.com/ Learn more about bringing the space station into the classroom: http://www.nasa.gov/audience/foreducators/stem_on_station/index.html HD download link: https://archive.org/details/ISSBenefitsforHumanity _____ FOLLOW THE SPACE STATION!	Transcript Link
2016 08 22	NASA Johnson	https://youtu.be/SUJUlt5BNFg	Two Spacewalkers, One New Port	This quick video shows two spacewalkers on Friday installing a new port in less than six hours that will allow future commercial crew ships to dock at the International Space Station.	Transcript Link
2016 08 19	NASA Johnson	https://youtu.be/UCjlfPS_6ZM	Space to Ground A Gateway for Future Spacecraft 08 19 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 08 18	NASA Johnson	https://youtu.be/-kg6Zw3Hufo	International Docking Adapter Is Extracted From SpaceX Dragon	The International Docking Adapter (IDA), to be installed to the International Space Station during a spacewalk on Fri., Aug. 19, was extracted from the trunk of SpaceX Dragon on Wednesday, Aug. 17. The IDA is in excellent shape ready for its installation. Visit www.nasa.gov/station for more information.	Transcript Link
2016 08 17	NASA Johnson	https://youtu.be/Gtaoc_5y8VE	Space Station Live A Pain in the Back	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Dr. Alan Hargens, professor of orthopaedic surgery at the University of California, San Diego, about back pain and injury that many astronauts experience during and after long-duration missions. Results from the Intervertebral Disc Damage study will not only have impacts to future Mars missions, but also to folks on Earth, such as kids carrying heavy backpacks, soldiers armed with heavy equipment, and patients on bed rest or with limited mobility.	Transcript Link
2016 08 17	NASA Johnson	https://youtu.be/Tijap2ocSs4	Exploring Beyond	NASA is working to send astronauts beyond Earth's orbit to destinations deep in space on the journey to Mars. The powerful Space Launch System rocket will send astronauts in the Orion spacecraft to places never before explored, enabling humanity to expand the frontier of space exploration. The first mission of SLS and Orion together, Exploration Mission-1, will send an uncrewed capsule about 40,000 miles beyond the moon.	Transcript Link
2016 08 16	NASA Johnson	https://youtu.be/Ka3jRmDRAKk	Monthly ISS Research Video Update for August 2016	See the highlights of recent research conducted on the International Space Station during August.	Transcript Link

2016 08 16	NASA Johnson	https://youtu.be/cSVpRPLu3EA	Animation of Aug. 19 Space Station Spacewalk	This animation depicts the activities spacewalkers Jeff Williams and Kate Rubins will perform Aug. 19. NASA astronauts Jeff Williams and Kate Rubins are due to work outside the International Space Station on Aug. 19 for 6.5 hours. The duo will install the first of two International Docking Adapters that future Commercial Crew vehicles being developed by Boeing and SpaceX will use to dock to the space station -- a significant milestone in NASA's work to return crew launches to U.S. soil. Coverage of the spacewalk will begin at 6:30 a.m. EDT Aug. 19, on NASA TV and the agency's website, with the spacewalk scheduled to begin at 8:05 a.m. Watch live on YouTube at https://www.youtube.com/watch?v=UdmHHpAsMVw or online at www.nasa.gov/ntv.	Transcript Link
2016 08 15	NASA Johnson	https://youtu.be/SEst1lHWgwk	The Road to IDA	In 2015, NASA astronauts laid the groundwork for the installation of the first International Docking Adapter, or IDA on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 08 12	NASA Johnson	https://youtu.be/UbvgIG5AyUs	Space to Ground Well-Suited For A Spacewalk 08 11 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Category Science & Technology License Standard YouTube License	Transcript Link
2016 08 10	NASA Johnson	https://youtu.be/C_hs7Gw_6g8	Space Station Live Eye Opening Results	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Dr. Scott M. Smith, manager of the Nutritional Biochemistry Lab at the Johnson Space Center in Houston, about new, compelling results from studies on possible causes of the vision changes seen in some astronauts after long-duration spaceflight. The possible genetic link may also point to important information regarding the health of a certain population of women on Earth. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 08 05	NASA Johnson	https://youtu.be/Hi7YK7g_LZA	Space to Ground Taking a Breather 08 05 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 08 03	NASA Johnson	https://youtu.be/JhkyhhyQo_I	Space Station Live Make Room for Big Brother	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Lee Jordan and Yancy Young, project managers for both the Microgravity Sciences Glovebox currently on the International Space Station and the new Life Sciences Glovebox, headed there in a couple of years. The glovebox is a safely-sealed facility used for everything from biological to physical science experiments. With so many payloads lining up to use the current glovebox, its so-called "big brother" may alleviate some of that workload. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 08 03	NASA Johnson	https://youtu.be/X-I0katihQo	Orion Backstage Up the Hatch with Astronauts	Engineers and astronauts conducted testing in a representative model of the Orion spacecraft at NASA's Johnson Space Center in Houston to gather the crew's feedback on the design of the docking hatch and on post-landing equipment operations. The testing, shown here with astronauts Stephanie Wilson, Karen Nyberg and Rick Mastracchio (L to R), was done to evaluate the equipment used during egress to ensure that a fully suited crew member carrying survival equipment can get out of the spacecraft through the docking hatch if necessary. While the crew will primarily use the side hatch for entry and exit on Earth and the docking hatch to travel between Orion and a habitation module on long-duration deep space missions, the crew will need to be able to exit out of the docking hatch if wave heights in the Pacific Ocean upon splashdown are too high. The work is being done to help ensure all elements of Orion's design are safe and effective for the crew to use on future missions on the journey to Mars.	Transcript Link
2016 07 29	NASA Johnson	https://youtu.be/hJI5J8M2H-Q	Space to Ground From The Heart 07 29 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Category Science & Technology License Standard YouTube License	Transcript Link

2016 07 28	NASA Johnson	https://youtu.be/GiUvFpUK0ME	Space Station Live How the Garden Grows in Zero G	The International Space Station is a garden for seedlings that scientists are studying as part of the effort to go to Mars: NASA Commentator Bill Hubscher at the Marshall Space Flight Center talks with Dr. Imara Perera of North Carolina State University, the principal investigator of the Plant RNA Regulation experiment, which is looking into gene expression in plants grown in space. Those genetic changes affect how the plants grow and develop in weightlessness, and the scientists studying them expect to find new molecules that influence how the plants adapt to the environment, information that will be vital to plans for growing plants as sources of both food and oxygen on future missions out into the solar system.	Transcript Link
2016 07 26	NASA Johnson	https://youtu.be/iHomPzdPcH4	Space Station Live Hooking Up the New Docking Hardware	The International Space Station is about to get the hardware it needs to be able to greet new spaceships: the International Docking Adapter. NASA Commentator Pat Ryan talks with Sean Kelly, NASA's senior project manager in the Development Projects Office, about the mechanisms that will be installed on the Pressurized Mating Adapters and make it possible for new commercial crew vehicles, and potentially other spacecraft, to mate to the space station. The first of two IDAs is to be installed during a spacewalk by astronauts Jeff Williams and Kate Rubins in August. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 07 23	NASA Johnson	https://youtu.be/1-awgz5DfeU	Tale of Two Ships	Two rockets blasted off, one after another, toward the same destination. This was the first time two different cargo ships, a Progress and a Dragon, were in orbit at the same time to supply the space station.	Transcript Link

2016 07 22	NASA Johnson	https://youtu.be/-yHH6Uf5Fps	NASA On the Edge of Forever	When Star Trek originally aired in 1966, NASA's space program was still in its infancy. But Star Trek allowed us to imagine what could be, if we dared to boldly go where no one had gone before. Visualized in the Star Trek universe as massive docking ports for star ships exploring the unknown, inhabited space stations have been a reality for over 15 years. Supported by nations around the globe, the International Space Station supports science and research on how humans can survive in the cosmos, laying the ground work for journeys well beyond our own planet. NASA is on the Journey to Mars, and the International Space Station is a critical test bed for the technologies that will get us there. The path to exploring the furthest stars starts at our planetary neighbors, and today we're closer than ever to humans making those first footprints in alien soil. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ HD download link: https://archive.org/details/NASA_On-the-Edge-of-Forever FOLLOW THE ASTRONAUTS SEEN IN THIS VIDEO!	Transcript Link
2016 07 22	NASA Johnson	https://youtu.be/OCbPTwrIuWg	Space to Ground Double Down 07 22 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 07 21	NASA Johnson	https://youtu.be/x0K7yi6yi4Y	Space Station Live Big DNA Science in a Small Package	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Sarah Wallace, a co-investigator for the Biomolecular Sequencer study on the International Space Station. This investigation will try to demonstrate, for the first time, that DNA sequencing is possible in microgravity. If so, this crew-operated, miniaturized device could potentially identify microbes, diagnose diseases, monitor crew health, and possibly help detect DNA-based life off the Earth. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 07 19	NASA Johnson	https://youtu.be/37j7NNV-_A0	Space Station Live Looking Into Space Vision Issues	Some International Space Station astronauts come home from long-duration space missions with diminished vision, and scientists are using the station's crew members to figure out why. NASA Commentator Pat Ryan talks with the principal investigator of the Ocular Health experiment, Dr. Christian Otto, about the post-flight follow-up exams being done on returned station crew members and the analysis of the data that's underway to identify the cause or causes of the phenomenon.	Transcript Link
2016 07 15	NASA Johnson	https://youtu.be/uyEqztKclx8	Space-to-Ground A New Crew Arrives 07 15 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 07 14	NASA Johnson	https://youtu.be/99tglc1o04U	Space Station Live The Heart of the Matter	Can skin cells help scientists learn how heart cells fare in weightlessness? They can if they're transformed into stem cells and then into heart muscle cells, and that's the plan for a new experiment heading to the International Space Station next week. NASA Commentator Pat Ryan talks with Arun Sharma of the Stanford University School of Medicine, one of the co-investigators of the Heart Cells experiment, about the effort to learn more about how the heart muscle changes while in space and use that information to improve efforts at disease modeling, drug development and heart cell therapy.	Transcript Link
2016 07 09	NASA Johnson	https://youtu.be/yAQJsHaQ41E	New Crew Completes Two-Day Trip to Station	Three Expedition 48-49 crew members took a two-day ride to the International Space Station aboard the Soyuz MS-01 spacecraft. They launched Wednesday night from the Baikonur Cosmodrome in Kazakhstan and docked to the Rassvet module early Saturday morning.	Transcript Link

2016 07 09	NASA Johnson	https://youtu.be/dTJoDVBOxPE	Rubins, Ivanishin and Onishi Arrive to Space Station	After launching on July 7 in their Soyuz MS-01 spacecraft from the Baikonur Cosmodrome in Kazakhstan, NASA astronaut Kate Rubins, cosmonaut Anatoly Ivanishin of the Russian space agency Roscosmos, and astronaut Takuya Onishi of the Japan Aerospace Exploration Agency docked to the International Space Station at 12:06 a.m. EDT Saturday, July 9, to complete their two-day journey. Rubins, Ivanishin and Onishi joined their Expedition 48 crew members, Commander Jeff Williams of NASA and Flight Engineers Oleg Skripochka and Alexey Ovchinin of Roscosmos at 2:26 a.m., when the hatches opened between their Soyuz MS-01 and the space station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 07 08	NASA Johnson	https://youtu.be/5xGcAJtkBUg	Space Station Live TReKking Station Science	How can scientists on Earth conduct experiments on the International Space Station? For some of them, the Telescience Resource Kit (TReK) provides the way! NASA Commentator Bill Hubscher talks with Michelle Schneider, a system software developer at the Marshall Space Flight Center in Huntsville, Alabama, about the programs they created that allow researchers in their labs, offices or homes to interact with their orbiting experiments.	Transcript Link
2016 07 08	NASA Johnson	https://youtu.be/2B0azyRf4QU	Space-to-Ground New Crew, New Ride 07 08 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 07 08	NASA Johnson	https://youtu.be/3y6jNsuSrz4	Moment with Kate Rubins	A moment with Kate Rubins.	Transcript Link

2016 07 07	NASA Johnson	https://youtu.be/QE0LbWntBv4	Monthly ISS Research Video Update for July 2016	See the highlights of recent research conducted on the International Space Station during July.	Transcript Link
2016 07 07	NASA Johnson	https://youtu.be/vsdklArMnCU	Space Station Live The New, Improved Soyuz Spacecraft	The Russian Soyuz spacecraft that launched to the International Space Station July 6, U.S. time, is the first of the new model Soyuz MS-01 to fly in space. NASA Commentator Rob Navias explores the upgrades to the Soyuz in this conversation with Mark Bowman, the chief engineer in the Soyuz Branch of the NASA Astronaut Office at the Johnson Space Center in Houston, who lays out the changes to the electrical power system, radio telemetry system, rendezvous system and approach and attitude control thruster systems (and more) that are designed to improve the vehicle's performance and reliability.	Transcript Link
2016 07 07	NASA Johnson	https://youtu.be/q6A8nparbuk	Expedition 48-49 launches to the ISS	NASA astronaut Kate Rubins, cosmonaut Anatoly Ivanishin of the Russian space agency Roscosmos, and astronaut Takuya Onishi of the Japan Aerospace Exploration Agency launched on the Russian Soyuz MS-01 spacecraft at 7:36 a.m. Baikonur time, July 7 from the Baikonur Cosmodrome in Kazakhstan to begin a two-day journey to the International Space Station and the start of a four-month mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 07 06	NASA Johnson	https://youtu.be/6VPaf525lF0	Ready for Flight	NASA Commentator Brandi Dean talks with Dr. Kate Rubins, the next American crew member on the International Space Station, as she prepares for launch on July 6. The biomedical researcher from California was selected as a NASA astronaut in 2009 and has been training for her first spaceflight, a four-month mission on the International Space Station. Rubins discusses her preparation for the flight and some of the research she's scheduled to do, including sequencing three genomes, while serving as a test subject for research into how the human body responds to prolonged exposure to weightlessness as humankind prepares for future exploration out into the solar system. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 07 04	NASA Johnson	https://youtu.be/JW0jGcNO7V8	The Expedition 48-49 Soyuz Rocket Comes Together and Moves to Its Launch Pad	At the Baikonur Cosmodrome in Kazakhstan, the Soyuz MS-01 spacecraft was mated to its booster rocket July 3, and moved to the launch pad on a railcar July 4 for final preparations before launch to the International Space Station on July 7, Kazakh time. The Soyuz MS-01 will carry Soyuz Commander Anatoly Ivanishin of Roscosmos and Flight Engineers Kate Rubins of NASA and Takuya Onishi of the Japan Aerospace Exploration Agency to the orbital complex for a four-month mission.	Transcript Link
2016 07 02	NASA Johnson	https://youtu.be/HbWFaw6uDUU	Cargo Ship Succesfully Re-Docks After Test	An unpiloted Russian cargo ship took a short trip Friday to test a manual rendezvous system. The spacecraft undocked then two cosmonauts inside the space station guided it back to the Pirs docking port. The cargo craft departs for good Saturday night.	Transcript Link
2016 07 02	NASA Johnson	https://youtu.be/Fdn8c7Bm5hw	Expedition 48-49 Crew Final Launch Preparations in Kazakhstan	At the Baikonur Cosmodrome in Kazakhstan, Expedition 48-49 Soyuz Commander Anatoly Ivanishin of Roscosmos and Flight Engineers Kate Rubins of NASA and Takuya Onishi of the Japan Aerospace Exploration Agency, along with their backups, Oleg Novitskiy of Roscosmos, Peggy Whitson of NASA and Thomas Pesquet of the European Space Agency, conducted a final "fit check" of their Soyuz MS-01 spacecraft, visited their Soyuz launch vehicle and toured the Baikonur Cosmodrome Museum July 2 in preparation for the July 7 launch, Kazakh time, of Ivanishin, Rubins and Onishi to the International Space Station, where they are scheduled to spend four months on the orbital complex.	Transcript Link
2016 07 01	NASA Johnson	https://youtu.be/T_vpsqVn2A8	Space to Ground 3D Printing in Zero G 07 01 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 06 30	NASA Johnson	https://youtu.be/w4bEWb_zU90	Expedition 48-49 Crew Prepares For Launch in Kazakhstan	HIghlights of Expedition 48 crew members Kate Rubins, Anatoly Ivanishin and Takauya Onishi conducting various activities in Kazakhstan as they prepare for launch to the International Space Station on July 6th.	Transcript Link
2016 06 30	NASA Johnson	https://youtu.be/-f4dfaaG8BE	Space Station Live A Look at the New Science Lineup	NASA Commentator Pat Ryan talks with Yuri Guinart-Ramirez, the lead increment scientist for the International Space Station's Expeditions 47 and 48, about some of the new experiments and science planned over the coming few months. That includes continuing research on the human crew members to find out how their bodies are impacted by being in weightlessness, plus new experiments, including: one that uses mice to gauge how the space environment may impact gene expression for those subjects and for their offspring, and one that will culture heart muscle cells grown from human skin cells to understand the negative effects of weightlessness at the cellular and molecular level.	Transcript Link
2016 06 30	NASA Johnson	https://youtu.be/kcBnW8BW9uQ	Space Station Live Coldest Spot Off the Earth	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Anita Sengupta and Kamal Oudrhiri from NASA's Jet Propulsion Laboratory about the Cold Atom Laboratory, set to arrive at the International Space Station in 2017. This facility will conduct experiments on quantum gases at ultra-cold temperatures to test some of the fundamental laws of physics. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 06 24	NASA Johnson	https://youtu.be/oOYz-Ru-vjM	Space to Ground Touchdown! 06 24 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 06 22	NASA Johnson	https://youtu.be/QOS7ddCiKMQ	Monthly ISS Research Video Update for June 2016	See the highlights of recent research conducted on the International Space Station during June.	Transcript Link
2016 06 22	NASA Johnson	https://youtu.be/KKb75sZRsgw	Space Station Live Chasing a Dream	NASA Commentator Lori Meggs speaks with John Olson, the vice president for space systems for Sierra Nevada Corp., to learn more about its “Dream Chaser.” The company is making its dream a reality in partnering with NASA to advance the development of a commercial crew and cargo transportation system. Sierra Nevada Corp., SpaceX and Orbital ATK were selected by NASA for cargo missions to fly between 2019 and 2024. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 06 18	NASA Johnson	https://youtu.be/bqO3ET4Zxu0	Expedition 47 Swaps Command and Lands the Next Day	Watch this short sequence of events that took place for the Expedition 47 crew from swapping space station command Friday to landing in Kazakhstan Saturday morning.	Transcript Link
2016 06 18	NASA Johnson	https://youtu.be/eAlTbpIcbXE	Crew Leaves Station After 186 Days in Space	After spending 186 days aboard the International Space Station, Tim Kopra, Tim Peake and Yuri Malenchenko undocked from the station at 1:52 a.m. EDT 254 miles over eastern Mongolia to begin their voyage home. Malenchenko is at the controls of the Soyuz TMA-19M spacecraft.	Transcript Link

2016 06 18	NASA Johnson	https://youtu.be/QL5fcsQT0_M	Expedition 47 Trio Says Farewell	Watch Expedition 47 crew members Yuri Malenchenko, Tim Kopra and Tim Peake say goodbye to their crewmates and enter the Soyuz spacecraft before undocking and landing back on Earth Saturday morning.	Transcript Link
2016 06 17	NASA Johnson	https://youtu.be/gURSwQQJcX4	Station Change of Command Ceremony	Watch as Expedition 47 Commander Tim Kopra hands over station command to NASA astronaut Jeff Williams this morning. Kopra returns to Earth Saturday morning with British astronaut Tim Peake and cosmonaut Yuri Malenchenko after 186 days in space.	Transcript Link
2016 06 17	NASA Johnson	https://youtu.be/kaBPXOylltw	Space Station Live The Real Story of Returning to Earth	NASA Commentator Amiko Kauderer talks with astronaut Terry Virts for a first-hand account of what it's like to finish up a long-duration mission on the International Space Station and return to Earth after six months on orbit. Virts returned to Earth a year ago after commanding Expedition 43; on the day that Expedition 47 commander Tim Kopra and his crewmates are departing the station, Virts talks about all the things that have to be done to finish up a mission, the trip back to Earth in a Soyuz spacecraft, and the feelings experienced as he concluded the longest mission of his career. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 06 17	NASA Johnson	https://youtu.be/cFxxsb-pinA	Space to Ground How Fires Spread in Space 06 17 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 06 16	NASA Johnson	https://youtu.be/FlJaF2XkR6k	'Home' - 4K Views from Space	NASA monitors Earth's vital signs from land, air and space with a fleet of satellites and ambitious airborne and ground-based observation campaigns. The International Space Station hosts a variety of payloads and experiments supporting climate research, weather predictions, hurricane monitoring, pollution tracking, disaster response and more. For more on how NASA uses space to understand our home planet, visit: http://www.nasa.gov/earthrightnow Read more on 4K in space: http://www.nasa.gov/mission_pages/station/research/news/red_epic_dragon_camera/ *To view in 4k, be sure to change resolution under "Settings" menu in YouTube viewer to "2160p 4k". (Video: NASA) _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 06 15	NASA Johnson	https://youtu.be/f9zB7g01QFQ	Cygnus Leaves Station and Begins Fire Research	The Orbital ATK Cygnus left the station on Tuesday. Afterward, scientists from NASA's Glenn Research Center set a fire inside the resupply ship to explore space fires and improve spacecraft safety. Cygnus will re-enter Earth's atmosphere June 22.	Transcript Link
2016 06 15	NASA Johnson	https://youtu.be/XL1K3odUvQk	Space Station Live 3-D Printing of a Student Design	NASA Commentator Lori Meggs at the International Space Station Payload Operations Integration Center highlights an education challenge that's culminated with a student-designed tool being 3-D-printed on orbit. NASA, The American Society of Mechanical Engineers and others sponsored the Future Engineers 3-D Printing in Space Tool Challenge to promote study of design techniques for this new type of manufacturing that will be used by current and future space explorers.	Transcript Link

2016 06 10	NASA Johnson	https://youtu.be/pYT2H9DdE0g	Space to Ground Enter the BEAM 06 10 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 06 10	NASA Johnson	https://youtu.be/s2urx_NvXPo	Space Station Stories Charting the Course	In this chapter of Space Station Stories we learn why the One Year Mission of Scott Kelly and Mikhail Kornienko to the International Space Station is fulfilling the station's goal to prepare humankind to explore beyond low Earth orbit out into the solar system. Astronaut Reid Wiseman, a veteran of more than five months on the station during Expeditions 40 and 41, takes you on a journey from Earth to our current home on orbit and on to Mars, and explains how today's mission is setting the stage for tomorrow's exploration objective. Space Station Stories takes you inside the technological marvel that is the International Space Station. Humanity's home in low Earth orbit since 1998, the station continues to be a platform for new discoveries, preparing us for the journeys of tomorrow while benefiting the world of today. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 06 09	NASA Johnson	https://youtu.be/M1IBg6VheqA	Space Station Live Cygnus Prepped for Departure	NASA Commentator Gary Jordan talks with Holly Vavrin, the International Space Station's flight lead for the current mission of the Cygnus cargo vehicle, about the impending conclusion of the flight and the science the vehicle will host during its descent into the atmosphere after departure from the station next week. The cargo ship provided by Orbital ATK is due to be released from the station June 14, and will deploy a set of small satellites and host a purposely-set fire to study how fire propagates in the absence of gravity before carrying its cargo of trash into the atmosphere for destruction. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 06 08	NASA Johnson	https://youtu.be/knmoXlTFKsQ	Space Station Live Operating on Their Own	Future missions going way out into space will need crews that are prepared to work independently, and that's being studied right now on the International space Station. NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Angie Haddock, the principal investigator of the Autonomous Mission Operations Express 2.0 experiment, about efforts underway to develop effective communications methods for crews that will be so far away that a radio signal moving at the speed of light, carrying voice communications or commands or transferring files, could take more than twenty minutes to be received.	Transcript Link
2016 06 07	NASA Johnson	https://youtu.be/8nKjqWX7o5U	Monthly ISS Research Video Update for May 2016	See the highlights of recent research conducted on the International Space Station during May.	Transcript Link
2016 06 06	NASA Johnson	https://youtu.be/vVUJaGichGk	Space Station Live Great "Space" Balls of Fire	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to NASA Glenn Research Center's SAFFIRE team about their upcoming experiment. On June 14, this team will intentionally set a large-scale fire in space. The Spacecraft Fire Experiment-I, or Saffire-I, will light a fire inside the empty Cygnus resupply vehicle after it leaves the International Space Station and before it re-enters Earth's atmosphere. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 06 06	NASA Johnson	https://youtu.be/5kZZdp727ek	Space Station Live Astronaut Jeff Williams Enters BEAM Expandable Module	Aboard the International Space Station, Expedition 47 Flight Engineer Jeff Williams of NASA opened the hatch to the Bigelow Expandable Activity Module (BEAM) June 6 to collect an air sample and set up equipment to monitor its status during its two-year lifetime attached to the aft port of the Tranquility module. Williams was the first astronaut to enter the habitat, which was expanded to its full capacity a week earlier. Once his work was completed, Williams closed the hatch again. Crew members will occasionally re-enter the module over the next two years to check BEAM's condition. BEAM is serving as a prototype for possible expandable habitats that may be launched in the future to facilitate deep space exploration.	Transcript Link

2016 06 03	NASA Johnson	https://youtu.be/t2wdNxCvLiw	Space to Ground Friending the ISS 06 03 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 06 01	NASA Johnson	https://youtu.be/nkAGltXw1CU	Space Station Live A Taste of Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with a team from Huntsville, Alabama that competed in NASA'S Culinary Challenge. The competition invited high school students from all across the country to develop a recipe for flight: a meal that astronauts would enjoy in space, but which also met the many dietary restrictions for crew members on orbit. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 06 01	NASA Johnson	https://youtu.be/7-AlD4EgoVI	Preparing America for Deep Space Exploration Episode 13 Some Assembly Required	NASA’s Orion, Space Launch System (SLS) and Ground Systems Development & Operations Programs, which together are developing and building the spacecraft, rocket and infrastructure necessary to send humans to deep space destinations, made important progress in the first quarter of 2016. Progress included: the delivery of the Orion pressure vessel to Kennedy Space Center in Florida for outfitting, a test between Orion’s rotational hand controller and crew, a deployment test of a solar array wing, the delivery of additional platforms for Kennedy’s Vehicle Assembly Building, where Orion and SLS will be integrated, preparations for a qualifications test of the SLS booster, the manufacture of the SLS core stage test article, launch vehicle stage adapter test article, and a test stand, as well as a hot fire of the RS-25 engine. HD download link: https://archive.org/details/PreparingAmericaforDeepSpaceExploration	Transcript Link

2016 06 01	NASA Johnson	https://youtu.be/EEkWKLd82Yc	Space Station Live Vascular Echo	NASA Commentator Pat Ryan talks with Dr. Richard Hughson, the principal investigator of the Vascular Echo experiment on the International Space Station which is researching why some astronauts return from station missions with stiffened arteries. Using data from ultrasound examinations of the astronauts' carotid arteries, researchers are looking at changes in blood vessels and the heart with hopes of gaining a fuller understanding of the impact of those changes, and the astronaut's daily activity patterns, on their cardiovascular health. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 31	NASA Johnson	https://youtu.be/2ke_EDxKvs	Expedition 48 Crew Conducts Ceremonies	Expedition 48-49 Soyuz Commander Anatoly Ivanishin of Roscosmos and Flight Engineers Kate Rubins of NASA and Takuya Onishi of the Japan Aerospace Exploration Agency, along with their backups, Oleg Novitskiy of Roscosmos, Peggy Whitson of NASA and Thomas Pesquet of ESA (European Space Agency) visited the Gagarin Museum where they viewed historic space artifacts at the Gagarin Cosmonaut Training Center in Star City, Russia May 31, then visited Red Square in Moscow for traditional ceremonies. Ivanishin, Rubins and Onishi are scheduled to launch June 24 from the Baikonur Cosmodrome in Kazakhstan in the Soyuz MS-01 spacecraft for a four-month mission on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 29	NASA Johnson	https://youtu.be/aciRYFKdaRU	BEAM Expansion Time Lapse	This short time-lapse video shows the complete Bigelow Aerospace BEAM expansion from start to finish to its full expanded, pressurized volume on Saturday, May 28. BEAM was installed May 16 on the Tranquility module after being delivered aboard the SpaceX Dragon cargo craft.	Transcript Link

2016 05 27	NASA Johnson	https://youtu.be/OLxejNQ5Wzo	Space to Ground BEAM Expansion Delay 05 27 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 27	NASA Johnson	https://youtu.be/y52121wbO-k	Space Station Live Wise Eye in the Sky	The International Space Station will soon host a new instrument to measure ozone, aerosols and other trace gases in Earth's atmosphere: SAGE III (Stratospheric Aerosol and Gas Experiment) is scheduled to launch on a Dragon cargo ship later this year, and project scientist Dr. Joseph Zawodny of NASA's Langley Research Center discusses the mission to provide crucial long-term measurements that should help people understand and care for Earth's atmosphere.	Transcript Link
2016 05 27	NASA Johnson	https://youtu.be/8UVNGkpT-ow	Expedition 48-49 Crew Undergoes Final Training Outside Moscow	Expedition 48-49 Soyuz Commander Anatoly Ivanishin of Roscosmos and Flight Engineers Kate Rubins of NASA and Takuya Onishi of the Japan Aerospace Exploration Agency, along with their backups, Oleg Novitskiy of Roscosmos, Peggy Whitson of NASA and Thomas Pesquet of ESA (European Space Agency) conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia May 26 and 27. Ivanishin, Rubins and Onishi are scheduled to launch June 24 from the Baikonur Cosmodrome in Kazakhstan in the Soyuz MS-01 spacecraft for a four-month mission on the International Space Station.	Transcript Link
2016 05 25	NASA Johnson	https://youtu.be/8r-uO13Xy1s	Space Station Live A Crystal OASIS	NASA Commentator Lori Meggs talks to scientists at NASA's Glenn Research Center about OASIS, Observation and Analysis of Smectic Islands in Space. This study on the International Space Station, aimed at learning more about the unique behavior of liquid crystals in microgravity, could change the future of cell phone and television liquid crystal display screens.	Transcript Link

2016 05 24	NASA Johnson	https://youtu.be/EqHkBfT498o	How To Make an Origami BEAM – Fold your own space station module!	To coincide with the expansion of the Bigelow Expandable Activity Module (BEAM), a technology demonstration for the International Space Station, here is a simple and fun activity called 'origaBEAMi' to enable you to build your own miniature BEAM module that you will be able to expand on your own -- all simply by a series of folds of the paper model provided. Download the printable BEAM module paper and crew procedures with full instructions: http://www.nasa.gov/mission_pages/station/research/news/origaBEAMi to view or download the 'crew procedures,' which contain step by step instructions on how to print and fold your BEAM module. This video will walk you through folding a paper module in real-time. Follow http://www.twitter.com/ISS_Research, http://www.twitter.com/BigelowSpace, and www.nasa.gov/beam for updates on the BEAM expansion and technology demonstration." _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 23	NASA Johnson	https://youtu.be/gARj5wmlFKg	Space Station Live Expanding BEAM	NASA Commentator Brandi Dean speaks with Heidi Brewer, the NASA operations lead for this week's scheduled expansion of the Bigelow Expandable Activity Module. Delivered to the International Space Station on a commercial cargo ship and installed on the aft port of the Tranquility module using the Canadarm-2, BEAM will be expanded to its full size later this week to begin a two-year test of its ability to maintain a safe environment, with sensors monitoring temperature, radiation levels, and impacts from orbital debris. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 20	NASA Johnson	https://youtu.be/yVeCVjf38Yg	17 CubeSats Deployed for Research This Week	17 CubeSats were deployed from the station this week exploring solar flares, the upper atmosphere, Earth imagery, ship tracking and weather.	Transcript Link

2016 05 20	NASA Johnson	https://youtu.be/Zn0CEHi5-Lg	Space to Ground Astronomical Numbers 05 20 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 18	NASA Johnson	https://youtu.be/sbBQONITclk	Space Station Live Getting the Buzz on Astrobee	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to NASA Ames Research Center's Chris Provencher about SPHERES – a space station robotics experiment platform used for multiple purposes. May 18 marks a milestone for the project with 10 years of operations. These bowling ball sized experimental satellites have been used for everything from autonomous rendezvous and docking, to sloshing liquids, and even educational robotics competitions. And now adding to that legacy is the next generation free-flyer called Astrobee scheduled to fly in 2017. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 16	NASA Johnson	https://youtu.be/Se4-RpKdgZc	The International Space Station Has Made Its 100,000th Orbit!	The International Space Station made its 100,000th orbit of Earth on May 16. During the 100,000 orbits since the first component of the station was launched Nov. 20, 1998, the station will have traveled around 2,643,342,240 miles, or roughly the distance between Earth and Neptune. It is also roughly equivalent of about 10 round trips between Earth and Mars at the average distance between the two planets. The station travels at 17,500 miles per hour, orbiting Earth every 90 minutes and traveling through 16 sunrises and sunsets per day.	Transcript Link

2016 05 13	NASA Johnson	https://youtu.be/g5chOA-WEuw	International Space Station Marks 100,000 Orbits of Earth	Aboard the International Space Station, Expedition 47 Flight Engineer Jeff Williams of NASA took time on May 9 to share his thoughts about the orbiting laboratory making its 100,000th orbit of Earth on May 16. During the 100,000 orbits since the first component of the station was launched Nov. 20, 1998, the station will have traveled around 2,643,342,240 miles, or roughly the distance between Earth and Neptune. It is also roughly equivalent of about 10 round trips between Earth and Mars at the average distance between the two planets. The station travels at 17,500 miles per hour, orbiting Earth every 90 minutes and traveling through 16 sunrises and sunsets per day. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 13	NASA Johnson	https://youtu.be/lzZ2TDCIX88	Space Station Live Green Chemistry for the Red Planet	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Laurel Karr and Richard Grugel, two materials scientists at Marshall who are using results from an investigation called Materials on the International Space Station Experiment, or MISSE, which is shedding light on technologies for future space travel to Mars. Ionic liquids may prove to be a valuable tool when it comes to designing tanks for spacecraft or extracting oxygen and other elements from the Martian soil. It's a special class of liquids that are also environmentally friendly. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 13	NASA Johnson	https://youtu.be/85CQl6_tFOU	Space to Ground Release The Dragon 05 13 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 05 11	NASA Johnson	https://youtu.be/Lt6WVHMA3yE	Dragon Departs Station	The SpaceX Dragon completed its mission at the station today. The Canadarm2 released Dragon at 9:19 a.m. EDT/1:19 p.m. UTC. Dragon splashed down in the Pacific Ocean at 2:51 p.m. loaded with more than 3,700 pounds of NASA cargo and science samples.	Transcript Link
2016 05 10	NASA Johnson	https://youtu.be/5uUzxagAPlw	Space Station Live Rodent Research Flies Again	NASA Commentator Amiko Kauderer talks with Dr. Rosamund Smith of Eli Lilly, the principal investigator of the latest version of the Rodent Research experiment underway on board the International Space Station. The research uses mice as stand-ins for humans to assess how well a new compound works to prevent skeletal muscle wasting and weakness, a condition that effects astronauts who spent long periods of time in weightlessness, as will the future crew members on journeys of exploration beyond low Earth orbit. This research might also return results that could impact people on Earth who suffer similar conditions. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 06	NASA Johnson	https://youtu.be/YBe1MHp1LsE	Space Station Live Genes in Space	NASA Commentator Gary Jordan talks with Scott Copeland of Boeing, the program manager of the Genes in Space payload on the International Space Station. The Genes in Space science competition challenges students to design an experiment that uses DNA analysis to solve a space exploration challenge, and is designed to foster creativity, collaboration and critical thinking among students. The winner of the first year of the competition, 17-year-old Anna-Sophia Boguraev of Bedford, New York, designed an experiment using miniPCR DNA amplification technology to assess changes to an astronaut's DNA. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 05 06	NASA Johnson	https://youtu.be/z3hv4q1XrDI	Space to Ground Every Picture Tells a Story 05 06 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 05 05	NASA Johnson	https://youtu.be/EuCfB8b-JDM	A Moment with Aleksey Ovchinin	A moment with Aleksey Ovchinin. HD download link: https://archive.org/details/Expedition47ResourceReel	Transcript Link
2016 05 04	NASA Johnson	https://youtu.be/ersxREmKIvE	Space Station Live Getting the Dirt on Regolith	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Strata-1 co-investigator Kristen John about her space station study to understand the behavior of regolith in microgravity. Regolith is the impact-shattered "soil" found on asteroids, comets, the moon, and other airless worlds, but it is different from soil here on Earth in that it contains no living material. It is important NASA learns more about regolith to help in the design of spacesuits and hardware for future exploration missions.	Transcript Link
2016 05 04	NASA Johnson	https://youtu.be/DDBoMVoEqIs	A Moment with Oleg Skripochka	A moment with Oleg Skripochka. HD download link: https://archive.org/details/Expedition47ResourceReel	Transcript Link

2016 05 03	NASA Johnson	https://youtu.be/09wMN_bPoZY	A Moment with Jeff Williams	A moment with Jeff Williams. Follow Jeff on Twitter at: https://twitter.com/astro_jeff Biography: http://www.jsc.nasa.gov/Bios/htmlbios/williamsj.pdf HD download link: https://archive.org/details/Expedition47ResourceReel	Transcript Link
2016 05 02	NASA Johnson	https://youtu.be/sYcbBA9Dg6c	StationLIFE Physical Science – May 2016	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks about studies into physical sciences aboard the International Space Station. The International Space Station is a laboratory unlike any on Earth; on-board, we can control gravity as a variable and even remove it entirely from the equation. Removing gravity from the equation reveals fundamental aspects of physics hidden by force-dependent phenomena such as buoyancy-driven convection and sedimentation. Gravity often masks or distorts subtle forces such as surface tension and diffusion; on ISS, these forces have been harnessed for a wide variety of physical science applications (combustion, fluids, colloids, surface wetting, boiling, convection, materials processing, etc.). So what? By understanding the fundamentals of combustion and surface tension and colloids, we may make more efficient combustion engines; better portable medical diagnostics; stronger, lighter alloys; medicines with longer shelf-life, and buildings that are more resistant to earthquakes. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/iss-science	Transcript Link
2016 04 29	NASA Johnson	https://youtu.be/1nHD65LUio0	Space Station Live A Window to Earth	NASA Commentator Dan Huot talks with Carlos Fontanot, the co-principal investigator of the High Definition Earth Viewing experiment on the International Space Station. HDEV is two years into a test of how four off-the-shelf high definition video cameras hold up in the space environment while offering 24/7 live views of Earth from the station's perspective 250 miles up in orbit. The public can monitor the live video stream at http://eol.jsc.nasa.gov/HDEV/.	Transcript Link

2016 04 29	NASA Johnson	https://youtu.be/9yp7EP4hvSQ	Making Space Aron Hozman	Meet musician and acoustic engineer Aron Hozman. Aron is part of the team at NASA Glenn's Plum Brook Station in Ohio that gives Orion a thorough sound check. He is in charge of blasting Orion with more than 140 dB of sound, louder than an AC/DC concert, so engineers can fine tune the spacecraft's structural integrity to keep astronauts safe during deep-space exploration missions throughout our solar system. The series of acoustics tests are conducted to make sure Orion can withstand the trip to space atop NASA's powerful Space Launch System rocket before its next mission beyond the moon in 2018. Aron is one of many dedicated rocket scientists and engineers across the country who are making space exploration of the future possible today. HD download link:	Transcript Link
2016 04 29	NASA Johnson	https://youtu.be/5ESZW5YH6ow	Space to Ground Space Marathon 04 29 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 04 27	NASA Johnson	https://youtu.be/BPIXfBJsWIg	Space Station Live The Doctor is In	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to NASA astronaut Kjell Lindgren, who spent 141 days in space from July 23-Dec. 11, 2015. Lindgren was at Marshall to share his experiences of living and working on the station, and talked about how being a real-life doctor has similarities to being an astronaut. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 04 27	NASA Johnson	https://youtu.be/dNuB6--L5tA	CineSpace 2016	CineSpace is a collaboration between NASA and Houston Cinema Arts Society (HCAS) that offers filmmakers around the world a chance to share their works inspired by, and using, actual NASA imagery through “CineSpace,” a short film competition. Winners will be announced and screened along with all finalists at Houston Cinema Arts Festival, November 10-17, 2016. In 2015, NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more about the competition, visit: www.cinespace16.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2016 04 26	NASA Johnson	https://youtu.be/KMR8b7T95xU	Space Station Live WetLab-2 Gene Expression Analysis	NASA Commentator Dan Huot talks to Dr. Macarena Parra of the NASA Ames Research Center, the project scientist for the WetLab-02 technology validation project now underway on the International Space Station. Cellular biologists doing research on the station currently have to send samples back to Earth to get gene expression information; WetLab-2 is an effort to perform that analysis on orbit, which would accelerate the timetable of an experiment and prevent the loss of results due to deterioration of an RNA sample in transit back to Earth. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 04 22	NASA Johnson	https://youtu.be/r3S1XPDqN_w	Space Station Live An Earth Day View of Earth	NASA Commentator Amiko Kauderer talks with Dr. Lisa Vanderbloemen, the manager of the Earth Science and Remote Sensing Unit at NASA’s Johnson Space Center in Houston, about the pictures of Earth gathered by International Space Station crew members during the Crew Earth Observation experiment. Taking advantage of the perch 250 miles above the planet, astronauts can capture images that document the impact that the human inhabitants of Earth have on their planet and let experts monitor natural disasters. Most of the images are available to the public online at the Gateway to Astronaut Photography of Earth (http://eol.jsc.nasa.gov).	Transcript Link

2016 04 22	NASA Johnson	https://youtu.be/UvXX3L7o_kw	Space to Ground BEAM Me Up Scotty! 04 22 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 04 20	NASA Johnson	https://youtu.be/kvYLpzFdreQ	Space Station Live Windows on Earth	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Dan Barstow, the principal investigator for Windows on Earth on the International Space Station. Windows on Earth is a suite of software tools to help students, scientists and astronauts explore Earth from space. The software provides a little help to astronauts in snapping the best photographs as they must key in on a city or landmark and get a picture, while traveling 17,500 mph.	Transcript Link
2016 04 19	NASA Johnson	https://youtu.be/oFDeNcu3mnc	Ultra High Definition (4K) View of Planet Earth	NASA monitors Earth's vital signs from land, air and space with a fleet of satellites and ambitious airborne and ground-based observation campaigns. The International Space Station hosts a variety of payloads and experiments supporting climate research, weather predictions, hurricane monitoring, pollution tracking, disaster response and more. For more on how NASA uses space to understand our home planet, visit: http://www.nasa.gov/earthrightnow Read more on 4K in space: http://www.nasa.gov/mission_pages/station/research/news/red_epic_dragon_camera/ *To view in 4k, be sure to change resolution under "Settings" menu in YouTube viewer to "2160p 4k". (Video: NASA) HD download: https://archive.org/details/NASA-Ultra-High-Definition _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 04 19	NASA Johnson	https://youtu.be/2_4r_DRtcDI	Space Station Live Burning for Safety	NASA Commentator Brandi Dean talks with the vice president of Milliken Research, Chris Desoiza, about the company's combustion research on board the International Space Station. The textile manufacturer has an interest in learning about flame retardance to improve product safety and is able to learn more about the characteristics of combustion by conducting test burns in the weightlessness of space.	Transcript Link
2016 04 18	NASA Johnson	https://youtu.be/c7OO3qCfH9Y	Ultra High Definition (4K) Crew Earth Observations	NASA monitors Earth's vital signs from land, air and space with a fleet of satellites and ambitious airborne and ground-based observation campaigns. The International Space Station hosts a variety of payloads and experiments supporting climate research, weather predictions, hurricane monitoring, pollution tracking, disaster response and more. For more on how NASA uses space to understand our home planet, visit: http://www.nasa.gov/earthrightnow Read more on 4K in space: http://www.nasa.gov/mission_pages/station/research/news/red_epic_dragon_camera/ *To view in 4k, be sure to change resolution under "Settings" menu in YouTube viewer to "2160p 4k". (Video: NASA) HD download: https://archive.org/details/NASA-Ultra-High-Definition _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 04 15	NASA Johnson	https://youtu.be/60w3WbVwhh8	Meteorites Help Answer Questions About Solar System Evolution	A team of eight scientists spent two-months in the frozen landscape of Antarctica as part of the Antarctic Search for Meteorites (ANSMET), a 40-year program that has helped reveal information about asteroids, other bodies of our solar system and the red planet which will assist NASA on its Journey to Mars. The team recovered nearly 570 new meteorite samples from the Miller Range of the Trans-Antarctic Mountains during the expedition. Samples recovered from recent seasons include rare and scientifically valuable pieces of Mars and Moon, as well as rocks formed very early during the formation and evolution of the solar system that hold clues to the origin of volatiles, planets and the organic compounds essential to life. The meteorites collected give us important clues about the early solar system, but even the thousands of meteorites recovered over the years represent a tiny part of the larger puzzle, including a find in the 1990s that produced evidence that sparked a vigorous debate about whether life could have existed on Mars more than 3.6 billion years ago. Meteorites are currently the only way to acquire samples from Mars as well as new samples of the moon that are different from – and originated far from – the Apollo landing sites, as well as a variety of asteroid bodies.	Transcript Link
2016 04 15	NASA Johnson	https://youtu.be/_kd8tWBLNB0	Space to Ground Six Pack of Spaceships 04 15 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 04 13	NASA Johnson	https://youtu.be/9JDAZBoLJUc	Space Station Live Everything's Coming up Veggie	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks about the latest work of the Veggie experiment on board the International Space Station with Gioia Massa, the Veggie project scientist. The experimental compact greenhouse has been used successfully to grow two crops of lettuce and a crop of zinnias, demonstrating an ability to grow crops in space that could be very useful for future exploration missions out into the solar systems. More tests are on the agenda as specialists improve the capabilities of the system. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 04 13	NASA Johnson	https://youtu.be/y4qQ-L672Q0	Monthly ISS Research Video Update for April 2016	See the highlights of recent research conducted on the International Space Station during April.	Transcript Link
2016 04 12	NASA Johnson	https://youtu.be/wlg0rexZmFM	Station Crew Observes Cosmonautics Day 2016	The Expedition 47 crew observed Cosmonautics Day on April 12, 2016 aboard the International Space Station. The holiday marked the 55th anniversary of Yuri Gagarin's historic launch aboard Vostok 1 from the Baikonur Cosmodrome in Kazakhstan, the birth of human spaceflight. Russian President Vladimir Putin called the station crew to offer Cosmonautics Day greetings and congratulations, with all six crew members participating. They also spoke with Alexey Leonov, a retired Russian cosmonaut and the first human to perform a spacewalk. He offered greetings from the new Vostochny Cosmodrome in far Eastern Russia which is weeks away from its first launch.	Transcript Link
2016 04 11	NASA Johnson	https://youtu.be/vkdAgyJ3Xqw	Space Station Live Williams Talks Candidly about Cameras	Astronaut Jeff Williams aboard the International Space Station highlights a favorite activity of crew members while aboard: Earth photography. On his fourth space mission and third Expedition on the ISS, Williams demonstrates the cameras and lenses used to capture still and video imagery of the station and its various visiting vehicle spacecraft like the Soyuz, Progress and Orbital ATK Cygnus cargo craft. He then floats into the Cupola – his favorite "window on the world" from which breathtaking views of the Earth are taken and shared with everyone on Earth. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 04 10	NASA Johnson	https://youtu.be/74DgelycULc	SpaceX Dragon Mated to Harmony	The SpaceX Dragon cargo spacecraft was bolted on the Harmony module today at 9:57 a.m. EDT/1:57 p.m. UTC. There are now six spacecraft at the International Space Station. http://go.nasa.gov/1SpTxWI	Transcript Link

2016 04 09	NASA Johnson	https://youtu.be/GgN1HVRbSEc	Space Station Live Expedition 47 Science Update	NASA Commentator Pat Ryan talks about human life science research on the International Space Station with the Expedition 47/48 lead increment scientist, Yuri Guinart-Ramirez. NASA and the space agencies of Russia, Japan, Canada and Europe all have research underway to learn more about how the human body responds to being in weightlessness for an extended period of time, and some of those experiments are wrapping up with Expedition 47. The science community is also looking forward to new experiments coming to the station on the new Dragon cargo ship. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 04 08	NASA Johnson	https://youtu.be/wITwZU3r2mM	Space to Ground A New View of the Front Porch 04 08 2016	Published on Apr 1, 2016 NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2016 04 07	NASA Johnson	https://youtu.be/vBAAawuBgyY	Space Station Live Learning About the Soil of Space	NASA Commentator Pat Ryan talks with Dr. Marc Fries, a planetary scientist at the Johnson Space Center in Houston and principal investigator of an experiment designed to learn how soils on airless bodies behave. Specialists planning future missions to asteroids or to Mars need to know how regolith behaves and moves in microgravity, whether or not it will be difficult to anchor a spacecraft there, and how it interacts with spacecraft and spacesuit materials. Fries and his team sent canisters of material that simulate regolith to the International Space Station to study how the materials react to the weightless environment and the vibrations on board the station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 04 06	NASA Johnson	https://youtu.be/X4lTOJU22oY	NASA is Sending an Expandable Habitat to Space	We’re launching an expandable habitat to the space station aboard a SpaceX Dragon cargo spacecraft on Friday April 8. This habitat could pave the way for future space habitats on missions to deep space. Future space habitats for low-Earth orbit, the moon, Mars, or other destinations need to be lightweight and relatively simple to construct. The Bigelow Expandable Activity Module (BEAM) is an experimental expandable capsule that docks with the International Space Station (ISS). After docking, BEAM inflates to roughly 13 feet long and 10.5 feet in diameter to provide a habitable volume where a crew member can enter. Check out "The Five W's of an Expandable Habitat in Space" on NASA's Tumblr: http://nasa.tumblr.com/post/142294936624/the-five-ws-of-an-expandable-habitat-in-space Learn more about BEAM at: http://www.nasa.gov/mission_pages/station/research/experiments/1804.html	Transcript Link
2016 04 06	NASA Johnson	https://youtu.be/XhQEIF7rLmY	Space Station Live Getting a Grip on the Space Station	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Aaron Parness, the principal investigator for the Gecko Gripper experiment, an adhesive technology inspired by nature. The Gecko Gripper can stick to a surface on command, and is being considered as a way to enable new capabilities in space such as reusable sensor mounts and robotic crawlers that could walk along spacecraft surfaces inside and out. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 04 05	NASA Johnson	https://youtu.be/AlEo6MW2yMY	mISSion imaginaTIon Orbital Debris	mISSion imaginaTIon, a joint venture between NASA and Texas Instruments, challenges students to take the knowledge gathered from missions aboard the International Space Station and adapt proven systems and processes for a future #JourneytoMars. For the fourth and final activity, students are challenged to design a spacecraft that can detect and prevent potential collisions with orbital debris. To help them along the way, Dr. J-C Liou, Chief Scientist for Orbital Debris and Bryan Corley, Trajectory Operations and Planning Group Lead at the Johnson Space Center, explain orbital debris, why it is important to track, how the Space Station avoids collisions, and what NASA is doing to help prepare for future missions. Are you ready to put science, technology, engineering and mathematics to work and take the next big leap? www.missionimagination.com	Transcript Link

2016 04 01	NASA Johnson	https://youtu.be/Gm8ECUMYBFg	Orion Backstage Chris Cassidy and Heather Paul	Piloting a spaceship at 25,000 mph? That controller used to maneuver it better fit like a glove! At NASA's Johnson Space Center in Houston, engineer Heather Paul and astronaut Chris Cassidy put on spacesuits to test out the next generation controller for the Orion spacecraft - NASA's deep space vehicle that will take humans on the #JourneyToMars. The testing is providing data teams will use to make any adjustments needed to ensure future Orion crews can interact appropriately with the spacecraft's control system when they're inside their spacesuits during deep space missions. FOLLOW ORION! Twitter: https://twitter.com/NASA_Orion Facebook: https://www.facebook.com/NASAOrion Tumblr: http://nasaorion.tumblr.com/	Transcript Link
2016 04 01	NASA Johnson	https://youtu.be/STIH6SsDBro	Space to Ground Rush Hour 04 01 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2016 03 30	NASA Johnson	https://youtu.be/SVrW3uOkLjU	Space Station Live Classroom with a View	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Scott Harbour with the U.S. Space & Rocket Center in Huntsville, Alabama, home to Space Camp and now the new home to the Sally Ride EarthKAM experiment, in which middle school students from all over the world can photograph targets on Earth by commanding a camera on the International Space Station. Teachers can register their class for EarthKAM by visiting http://www.earthkam.org _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 03 29	NASA Johnson	https://youtu.be/TQHjWFFeetc	Space Station Live BEAMing up to ISS	NASA Commentator Gary Jordan talks with Rajib Dasgupta, the International Space Station project manager for the Bigelow Expandable Activity Module, which will launch to the station on a Dragon cargo ship next month. Provided by Bigelow Aerospace, BEAM will be berthed to the aft docking port of the station's Tranquility module for a two-year demonstration of the commercial expandable technology. The station crew members will perform maintenance inside the BEAM on a quarterly basis: inspecting for leaks, taking air and surface samples for later analysis, and changing out batteries in instruments measuring temperature and radiation levels and impact data. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 28	NASA Johnson	https://youtu.be/Gv03IN3Fcmc	StationLIFE Observing the Earth – April 2016	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks about studies focused on Earth taking place aboard the International Space Station. The International Space Station is part of a fleet of Earth remote-sensing platforms to develop a scientific understanding of Earth's systems and its response to natural or human-induced changes and to improve prediction of climate, weather, and natural hazards. Unlike automated remote-sensing platforms, the station has a human crew, a low-orbit altitude, and orbital parameters that provide variable views and lighting. It also has an inclined, sun-asynchronous orbit that carries it over 90 percent of the inhabited surface of the Earth and allows for the ISS to pass over ground locations at different times of the day and night. This is different and complimentary to other orbiting satellites. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/iss-science HD download link: https://archive.org/details/StationLIFE _____ FOLLOW THE SPACE STATION!	Transcript Link

2016 03 25	NASA Johnson	https://youtu.be/6WYYLnFCF_U	Interview with One-Year Crew Member Scott Kelly	Expedition 43-46 astronaut Scott Kelly of NASA sits down for an in-depth interview at the Gagarin Cosmonaut Training Center in Star City, Russia on March 25, several weeks after landing in their Soyuz TMA-18M spacecraft in Kazakhstan. Kelly spent 340 days in space after launching in March 2015 to gather valuable biomedical data on the long duration effects of weightlessness on the human body that will be used to formulate a human mission to Mars. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 25	NASA Johnson	https://youtu.be/m1ZAntTQ3e0	Interview with One-Year Crew Member Mikhail Kornienko	Expedition 43-46 cosmonaut Mikhail Kornienko of Roscosmos sits down for an in-depth interview at the Gagarin Cosmonaut Training Center in Star City, Russia on March 25, several weeks after landing in their Soyuz TMA-18M spacecraft in Kazakhstan. Kornienko spent 340 days in space after launching in March 2015 to gather valuable biomedical data on the long duration effects of weightlessness on the human body that will be used to formulate a human mission to Mars. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 25	NASA Johnson	https://youtu.be/moInhIwh0II	One-Year Space Station Crew Receives a Warm Welcome in Star City, Russia	Expedition 45-46 Commander Scott Kelly of NASA and cosmonauts Sergey Volkov and Mikhail Kornienko of Roscosmos participated in traditional welcoming ceremonies at their training base at the Gagarin Cosmonaut Training Center in Star City, Russia on March 25, several weeks after landing in their Soyuz TMA-18M spacecraft in Kazakhstan. The crew laid flowers at a statue of Yuri Gagarin, the first human in space, and then led a procession of well-wishers to the House of Cosmonauts where other ceremonial activities took place. Kelly and Kornienko spent 340 days in space after launching in March 2015 to gather valuable biomedical data on the long duration effects of weightlessness on the human body that will be used to formulate a human mission to Mars. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 03 25	NASA Johnson	https://youtu.be/U3ez7ci4TEg	Space to Ground Rising Cygnus, Falling Stars 03 25 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 24	NASA Johnson	https://youtu.be/VopaBsuwikk	BEAM Installation Animation	Future astronauts will require highly reliable habitation systems to keep them healthy and productive during missions that take them farther from Earth than humans have ever gone before. Through public-private partnerships with U.S. industry, NASA is investigating habitation concepts that can support astronauts who are living and working in the harsh environment of deep space. Expandable habitats are one such concept under consideration. To demonstrate expandable habitation modules, NASA will attach the Bigelow Expandable Activity Module (BEAM) to the International Space Station for a minimum two-year technology demonstration. The space station is the world's leading laboratory for conducting cutting-edge research and is the primary platform for technology research, development and testing in space to enable human and robotic exploration of destinations beyond low-Earth orbit, including asteroids and Mars. For more: http://go.nasa.gov/1Rzwp7L HD download link: https://archive.org/details/Expedition47ResourceReel _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link
2016 03 23	NASA Johnson	https://youtu.be/fB9jDM49b-g	Space Station Live What Works Well, and Why	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Dr. David Dinges, a principal investigator on one of the Year in Space studies called Reaction Self Test. For this study, astronauts take a five-minute test to see how different factors, including fatigue, can affect their job performance. It's a similar problem for folks here on Earth, like airline pilots, truck drivers and shift workers who may work up to 16 hours per day, or more than six consecutive days without a day off to rest. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 03 22	NASA Johnson	https://youtu.be/pF1LEd_NDuY	Heart to Heart	The Heart to Heart activity promotes student engagement in science, technology, engineering and math (STEM) practices that are critical for success in school and careers. NASA and Texas Instruments developed this free TI-NspireTM activity to give students a first-hand look at the STEM practices that make life in space possible. Follow along as NASA Flight Surgeon Natacha Chough introduces the activity and shows how cardiovascular research aboard the International Space Station helps us understand how to better treat patients on the ground. Go to www.missionimagination.com, and click on “Activities” to get started!	Transcript Link
2016 03 22	NASA Johnson	https://youtu.be/GjLtuTRKp2s	Space Station Live Time for a Little Exercise	NASA Commentator Brandi Dean talks with Fernando Zumbado of the Johnson Space Center in Houston, the project manager for the Miniature Exercise Device (MED-2) that’s being delivered to the International Space Station on the next Cygnus cargo vehicle. MED-2 seeks to demonstrate that an apparatus with small robotic actuators can provide the motion and resistance required for both strength and aerobic exercise, and potentially reduce the size and weight requirements for exercise equipment to support future crews on missions to deep space. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 21	NASA Johnson	https://youtu.be/5jpp8ccqPps	Space Station Live The Stuff of Meteors	NASA Commentator Dan Huot talks with Michael Fortenberry of the Southwest Research Institute in San Antonio, Texas, the developer of the Meteor experiment flying to the International Space Station on the next Cygnus cargo ship. Once set up in the station’s Windows Observational Research Facility (WORF) in the Destiny module, the Meteor camera equipped with a series of filters will observe meteor showers and take spectral measurements that can reveal the chemical makeup of the meteors and improve our understanding of how the planets developed. FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 21	NASA Johnson	https://youtu.be/S8veP-ZMR7o	How Will Astronauts Exercise on a Mission to Mars	For future human spaceflight missions beyond Low Earth Orbit, NASA must invent a lighter, more compact device that will allow astronauts to meet their aerobic and resistive exercise needs for long-duration flights. The Miniature Exercise Device (MED-2) was designed and produced in less than a calendar year at a fraction of the cost of traditional processes to meet those needs. The MED-2 weighs in at under 6% the mass of ARED, the resistive exercise device currently aboard the International Space Station, while also including aerobic exercise capabilities. The MED-2 is scheduled to launch to the space station on March 22 aboard the Orbital ATK Cygnus cargo vehicle.	Transcript Link

2016 03 18	NASA Johnson	https://youtu.be/8XtPkS3Qls8	New Crew Launches and Heads to Space Station	The Soyuz TMA-20M spacecraft launched today at 5:26 p.m. EDT/9:26 p.m. UTC carrying NASA astronaut Jeff Williams, Oleg Skripochka and Alexey Ovchinin on a six-hour trip to their new home in space, the International Space Station.	Transcript Link
2016 03 18	NASA Johnson	https://youtu.be/KZ4IzEBnuek	Space to Ground Records Are Meant to be Broken 03 18 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 17	NASA Johnson	https://youtu.be/Wz9XG7Lv-BU	Space Station Live Station Veteran Ready for Historic Flight	NASA Commentator Pat Ryan talks with NASA astronaut Jeff Williams, who is about to become the first American to launch to the International Space Station for a third long-duration mission. The veteran of two prior tours of duty on the station, as well as a space shuttle mission to assemble and outfit the station prior to the arrival of the first crew, will serve as a flight engineer on Expedition 47 and then as commander of Expedition 48 later this year; he is scheduled to launch on board a Soyuz spacecraft with cosmonauts Alexey Ovchinin and Oleg Skripochka, on March 18. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 16	NASA Johnson	https://youtu.be/Sn6MWSCyiJg	Expedition 47 Soyuz Rocket Moves to Its Launch Pad	The Soyuz TMA-20M spacecraft was mated to its booster rocket in the Integration Facility at the Baikonur Cosmodrome in Kazakhstan Mar. 15, and was moved to the launch pad on a railcar Mar. 16 for final preparations before launch to the International Space Station on Mar. 19, Kazakh time. The Soyuz TMA-20M will carry Soyuz Commander Alexey Ovchinin and Flight Engineer Oleg Skripochka of Roscosmos and Flight Engineer Jeff Williams of NASA to the orbital complex for a six-month mission. Also included are interviews at the launch pad with Astronaut Rex Walheim, Assistant Director for ISS Operations; Daniel Hartman, ISS Deputy Program Manager and William Gerstenmaier, NASA Associate Administrator for Human Exploration Operations.	Transcript Link

2016 03 16	NASA Johnson	https://youtu.be/SDfTJA9KsXY	Space Station Live Space Zzzzzs	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Dr. Laura Barger, principal investigator of a sleep study that examined the effects of spaceflight and ambient light exposure on astronaut sleep during the One Year Mission on the International Space Station. A lack of restful sleep can impact health and job performance, so understanding how living in weightlessness effects the sleep patterns of astronauts is important in planning for station expeditions as well as for future missions beyond low Earth orbit. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 15	NASA Johnson	https://youtu.be/FjqdEVfYQAo	Space Station Live The Zinnias of Space	NASA Commentator Brandi Dean talks with Dr. Gioia Massa, the Veggie project scientist, about the most recent crop of zinnias grown in the compact greenhouse on the International Space Station. The project is testing the viability of a system that would allow crew members on future missions to deep space to grow some of their own food; it has already grown two successful crops of lettuce, and now a crop of flowers during Expedition 46 that are a prerequisite to a planned future crop of tomatoes. The Veggie team is launching red romaine lettuce and a small Chinese cabbage on the next SpaceX Dragon cargo ship targeted to launch in early April. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 14	NASA Johnson	https://youtu.be/wSsUCquggPE	Expedition 47-48 Crew Prepares for Launch in Kazakhstan	At the Baikonur Cosmodrome in Kazakhstan, Expedition 47-48 Soyuz Commander Alexey Ovchinin and Oleg Skripochka of Roscosmos and Flight Engineer Jeff Williams of NASA and their backups, Sergey Ryzhikov and Andrey Borisenko of Roscosmos and Shane Kimbrough of NASA participated in a variety of activities Mar. 3-14 as they prepared for the launch of Ovchinin, Williams and Skripochka to the International Space Station in the Soyuz TMA-20M spacecraft on Mar. 19, Kazakh time. The footage includes the crew's arrival in Baikonur, their Soyuz fit checks in the Cosmodrome Integration Facility, the ceremonial Cosmonaut Hotel flag-raising ceremony, the crew's traditional media day activities and other training activities.	Transcript Link

2016 03 11	NASA Johnson	https://youtu.be/DGoV9mTic4I	Project Sidekick in Action	Science fiction becomes science fact. Crew members aboard the International Space Station performed the first checkouts for Project Sidekick on Saturday, Feb. 20. Sidekick uses Microsoft's HoloLens to enable station crews with assistance when and where they need it. A pair of devices arrived in December 2015 on Orbital ATK's Cygnus cargo craft. Expedition 46 Commander Scott Kelly performed the checkout with team members in Mission Control Houston. Sidekick has two modes of operation to provide virtual aid to astronauts, which could reduce crew training requirements and increase the efficiency at which astronauts can work in space. To learn more, visit: http://go.nasa.gov/1GKRAld _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 11	NASA Johnson	https://youtu.be/Z-yHD9lVbH8	ARISS Talking to Astronauts	Amateur Radio on the International Space Station (ARISS) lets students worldwide experience the excitement of talking directly with crew members of the International Space Station, inspiring them to pursue interests in careers in science, technology, engineering and math, and engaging them with radio science technology through amateur radio. In this video, ESA (European Space Agency) astronaut Tim Peake talks about the opportunities ARISS offers and the impact it can have on the next generation of explorers. Follow Tim Peake during his stay in space at: https://twitter.com/astro_timpeake Read more at: http://go.nasa.gov/1P2qQgF For more on ARISS, visit: http://www.ariss.org/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 03 11	NASA Johnson	https://youtu.be/SktLZ2l3uxs	Space to Ground You Talkin' to Me -- 03 11 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 11	NASA Johnson	https://youtu.be/jkVilobS4i0	Monthly ISS Research Video Update for March 2016	See the highlights of recent research conducted on the International Space Station during March. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 10	NASA Johnson	https://youtu.be/DwtLkTpgNMM	ARISS 1,000 Calls and Counting	Amateur Radio on the International Space Station (ARISS) lets students worldwide experience the excitement of talking directly with crew members of the International Space Station, inspiring them to pursue interests in careers in science, technology, engineering and math, and engaging them with radio science technology through amateur radio. Space station astronauts from countries all over the globe have had the chance to speak with the next generation while orbiting overhead. With 1,000 calls and counting, ARISS is continuing to open the frontier of space to the explorers of the future. Read more at: http://go.nasa.gov/1P2qQgF For more on ARISS, visit: http://www.ariss.org/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 03 09	NASA Johnson	https://youtu.be/53mBaj7ElM8	Speed of Sound %23YearInSpace	NASA astronaut Scott Kelly and Russian cosmonaut Mikhail Kornienko blasted off from the Baikonur Cosmodrome in Kazakhstan on March 27, 2015. With a successful landing 340 days later on March 1, 2016, the pair completed one of the most ambitious missions in the history of the International Space Station and opened a new chapter in human exploration. During their record-setting mission, nearly 400 investigations were conducted that advance NASA's mission to reach new heights, reveal the unknown, and benefit all of humanity. Kelly and Kornienko participated in dozens of studies to provide new insights into how the human body adjusts to weightlessness, isolation, radiation and the stress of long-duration spaceflight, which will include the Journey to Mars. Kelly's twin brother, former NASA astronaut Mark Kelly, participated in parallel twin studies on Earth to help scientists compare the effects on the body and mind in space. The completion of the one-year mission and its studies will help guide the next steps in planning for long-duration deep space missions that will be necessary as humans move farther into the solar system. Kelly and Kornienko's mission will inform future decisions and planning for other long-duration missions, whether they are aboard the space station, a deep space habitat in lunar orbit, or a mission to Mars. Learn more about the mission at: www.nasa.gov/oneyear	Transcript Link
2016 03 09	NASA Johnson	https://youtu.be/0xP_cgs19kU	Space Station Live Payload Pioneer Marks 15th Anniversary	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Pat Patterson, a payload operations director in the Payload Operations Integration Center, the command post for science on the International Space Station. Patterson has supported every crew and mission to the station since Expedition 2, when the payload center began 24/7 operations in March 2001. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 09	NASA Johnson	https://youtu.be/HdQBlkjbJq8	mISSion imaginaTIon Habitat	mISSion imaginaTIon, a joint venture between NASA and Texas Instruments, challenges students to take the knowledge gathered from missions aboard the International Space Station and adapt proven systems and processes for a future #JourneytoMars. For the third activity, students are challenged to design a habitat. To help them along the way, Dr. Robert Howard, Habitability Design Center Manager at the Johnson Space Center, explains how astronauts live and work in space and what NASA is doing to help prepare for future missions. Are you ready to put science, technology, engineering and mathematics to work and take the next big leap? www.missionimagination.com	Transcript Link

2016 03 04	NASA Johnson	https://youtu.be/gBLZjBqNAAk	Kelly Twins Greet Media at Johnson Space Center	NASA astronaut Scott Kelly, recently returned from his one-year mission, met with his twin brother and former NASA astronaut Mark Kelly at NASA's Johnson Space Center on Friday, March 4. The pair participated in parallel twin studies on the International Space Station and Earth to help scientists compare the effects on the body and mind in space. Scott Kelly spent 340 days aboard the orbiting laboratory along with Russian cosmonaut Mikhail Kornienko to provide new insights into how the human body adjusts to weightlessness, isolation, radiation and the stress of long-duration spaceflight, which will include the Journey to Mars. HD download link: https://archive.org/details/VFKellyTwins160304Arc _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 04	NASA Johnson	https://youtu.be/Ut9jfotstZg	Space to Ground Historic Homecoming 03 04 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 03	NASA Johnson	https://youtu.be/QZQr-btpJWM	Expedition 47 Crew Departs For Kazakh Launch Site	Expedition 47-48 Soyuz Commander Alexey Ovchinin and Flight Engineer Oleg Skripochka of Roscosmos and Flight Engineer Jeff Williams of NASA and their backups, Sergey Ryzhikov and Andrey Borisenko of Roscosmos and Shane Kimbrough of NASA participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia, outside Moscow on March 3. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete their training for the launch of Ovchinin, Williams and Skripochka to the International Space Station in the Soyuz TMA-20M spacecraft on March 19, Kazakh time, for a six-month mission. Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 03 02	NASA Johnson	https://youtu.be/hzt9R1HV5Rw	Space Station Live Balancing a Year in Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to Mill Reschke, a principal investigator on the One Year Mission science experiment called Field Test, which presented astronaut Scott Kelly with some of the first post-landing experiment tasks he faced after 340 days in space. This study looks at the vestibular system and how microgravity has an effect on an astronaut performing simple tasks, like walking a straight line or standing from a seated position, after returning to Earth. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 03 02	NASA Johnson	https://youtu.be/FyNvFssBNlk	Expedition 46 Crew Receives a Warm Welcome in Kazakhstan	Expedition 46 Commander Scott Kelly of NASA and cosmonauts Sergey Volkov and Mikhail Kornienko of Roscosmos were greeted in a traditional ceremony at the airport in Dzhezkazgan, Kazakhstan on Mar. 2, a few hours after landing in their Soyuz TMA-18M spacecraft in Kazakhstan. After the ceremony, the crew split up, with Volkov and Kornienko returning to their training base in Star City, Russia, while Kelly boarded a NASA plane for a return trip to Houston. Kelly and Kornienko spent 340 days in space after launching in March 2015, gathering valuable biomedical data on the long duration effects of weightlessness on the human body that will be used to formulate a human mission to Mars. The footage includes Kelly and Kornienko at the Dzhezkazgan airport.	Transcript Link
2016 02 29	NASA Johnson	https://youtu.be/xUZMGxl3Wq4	Bean Bag Session Landing in Kazakhstan	NASA astronauts Chris Cassidy and Tracy Caldwell Dyson sit down to talk with fellow astronaut Kjell Lindgren on the finer details of landing in a Russian Soyuz spacecraft. Lindgren was a crew member for Expeditions 44 and 45 aboard the International Space Station and landed in Kazakhstan on Dec. 11, 2015. For more on Kjell's landing, visit http://go.nasa.gov/21nasE3 _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 29	NASA Johnson	https://youtu.be/WJWN-0c-Is	Scott Kelly Hands Over Station Command to Tim Kopra	At 3:15 p.m. EST, NASA astronaut Tim Kopra assumed command of the International Space Station from astronaut Scott Kelly of NASA in a traditional Change of Command ceremony. Expedition 47 will officially begin under Kopra's command when the Soyuz spacecraft carrying Kelly and Russian cosmonauts Mikhail Kornienko and Sergey Volkov undocks from the space station on March 1.	Transcript Link

2016 02 26	NASA Johnson	https://youtu.be/9ib47vMS7Nk	Expedition 47-48 Crew Conducts Traditional Ceremonies	Expedition 47-48 Soyuz Commander Alexey Ovchinin and Flight Engineer Oleg Skripochka of Roscosmos and Flight Engineer Jeff Williams of NASA and their backups, Sergey Ryzhikov and Andrey Borisenko of Roscosmos and Shane Kimbrough of NASA visited the Gagarin Museum where they viewed historic space artifacts at the Gagarin Cosmonaut Training Center in Star City, Russia Feb. 26, then visited Red Square in Moscow for traditional ceremonies. Ovchinin, Williams and Skripochka are scheduled to launch on March 19, Kazakh time, from the Baikonur Cosmodrome in Kazakhstan in the Soyuz TMA-20M spacecraft for a six-month mission on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 26	NASA Johnson	https://youtu.be/zE-M9hZ5WQ4	Space Station Live African American History Month	As NASA honors the contributions of African Americans to the cause of spaceflight and space exploration, NASA Commentator Gary Jordan talks with astronaut Jeanette Epps about the past, present and future of African Americans in the nation's space exploration effort.	Transcript Link
2016 02 26	NASA Johnson	https://youtu.be/bTOiiBd2dCo	Amateur Radio on the International Space Station (ARISS) - The 1000th Educational Radio Contact	Amateur Radio on the International Space Station (ARISS), the first-ever ISS payload activated by the crew, is gearing up for its 1000th educational radio contact in March 2016. Since the first amateur radio contact with a school in December 2000, astronauts and cosmonauts aboard ISS have talked to students in 44 states in the US and in 51 other countries! ARISS anticipates it will celebrate its 1000th educational radio contact in March 2016. ARISS is a cooperative venture of international amateur radio societies and the space agencies that support the ISS. In the United States, the ARISS partners include the American Radio Relay League (ARRL), the Radio Amateur Satellite Corporation (AMSAT) and the National Aeronautics and Space Administration (NASA). ARISS inspires students, worldwide, to pursue interests and careers in science, technology, engineering and math (STEM) through amateur radio communications opportunities with the ISS on-orbit crew. ARISS can organize a scheduled amateur radio contact between crew members aboard the ISS and your students in school or an informal education venue. Experienced amateur radio volunteers in your area can help ISS crews speak directly with a large audience in a variety of public forums. Before and during these radio contacts, your students, educators, parents, and communities learn about space, space technologies, and amateur radio. For information about how your organization may pursue an ARISS contact, visit http://www.ariss.org."	Transcript Link

2016 02 26	NASA Johnson	https://youtu.be/tikG7eHPXq0	Space to Ground Cue the Confetti 02 26 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 25	NASA Johnson	https://youtu.be/e6hxdtKOGiE	Space Station Live My Brother's Coming Home	NASA Commentator Dan Huot talks with former astronaut Mark Kelly about the imminent conclusion of the One Year Mission of his identical twin brother, International Space Station Commander Scott Kelly, who is due to return to Earth next week. Kelly talks about his feelings about his brother's mission, and about his own participation in the Twins experiment, in which both brothers are being studied to compare the changes Scott may experience from being in the space environment for a year to Mark's condition during the same year spent on Earth. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 25	NASA Johnson	https://youtu.be/ziSQY8E1b9w	Space Station Live Hamming it up on Space Station	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks to a group of students who had the unique opportunity to ask questions to astronaut Tim Kopra as the space station flew over Huntsville, Alabama. The students contacted the station using a Ham radio. It was all thanks to a research activity called Amateur Radio on the International Space Station, or ARISS, which is approaching the 1000th call like this to students. For more information on ARISS, check out http://www.ariss.org/ _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 02 25	NASA Johnson	https://youtu.be/6nieKZcsu00	Expedition 47 Crew Final Qualification Exams	Expedition 47-48 Soyuz Commander Alexey Ovchinin and Flight Engineer Oleg Skripochka of Roscosmos and Flight Engineer Jeff Williams of NASA and their backups, Sergey Ryzhikov and Andrey Borisenko of Roscosmos and Shane Kimbrough of NASA conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia Feb. 24 and 25. Ovchinin, Williams and Skripochka are scheduled to launch on March 19, Kazakh time, from the Baikonur Cosmodrome in Kazakhstan in the Soyuz TMA-20M spacecraft for a six-month mission on the International Space Station. Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 24	NASA Johnson	https://youtu.be/MCKL5zxfQ2Q	Space Station Live Making High-Tech Devices Cooler	From supercomputers to personal laptops and LED lights, a wide range of high-performance devices must be cooled in order to function. NASA Commentator Lori Meggs talks with Joel Plawsky and Peter Wayner, researchers who are using the International Space Station to test the use of heat pipes to distribute cooling fluid instead of relying on mechanical pumps. The study, called Constrained Vapor Bubble, could lead to better designs of high-tech devices.	Transcript Link
2016 02 23	NASA Johnson	https://youtu.be/jUxVkXuEKmI	Space Station Live Wrapping Up the One Year Mission	NASA Commentator Gary Jordan talks with Dr. John Charles, chief scientist of NASA's Human Research Program, about the science of the One Year Mission on board the International Space Station of Scott Kelly and Mikhail Kornienko, which wraps up next week. Charles discusses the range of science investigations undertaken to learn how human bodies respond to the weightless environment, the countermeasures being used to counteract the negative effects of that environment, and the success of the effort that was conducted jointly with the scientists of the Russian space program.	Transcript Link

2016 02 23	NASA Johnson	https://youtu.be/Ce6vIa4_0dg	Preparing America for Deep Space Exploration Episode 12 Built for Exploration	NASA's deep space exploration system development programs continue to make progress on the agency's journey to Mars. In the final months of 2015, engineers continued welding together the underlying structure of the Orion crew module for Exploration Mission-1, tested how well astronauts can get in and out of Orion's seats and saw the delivery of a structural representation of Orion's service module to Ohio for testing. The ground systems team at Kennedy Space Center in Florida, where Orion will launch atop the Space Launch System rocket, continued building the mobile launcher, including testing some of the umbilicals that will fuel the rocket while it's on the launch pad, and installed both a communications tracker and a work platform in the Vehicle Assembly Building.The Space Launch System Program performed welding operations on a test article for the launch vehicle stage adapter as well as confidence welding of the core stage, installed a RS-25 rocket engine for Exploration Mission-2 into a test stand and continued construction on a liquid hydrogen structural test stand. HD download link: https://archive.org/details/PreparingAmericaforDeepSpaceExploration	Transcript Link
2016 02 19	NASA Johnson	https://youtu.be/0EvbXi_ccBA	Space Station Live African American History Month	As NASA honors the contributions of African Americans to the cause of spaceflight and space exploration, NASA Commentator Dan Huot talks with Camille Alleyne, the International Space Station associate program scientist, about the past, present and future of African Americans in the nation's space exploration effort.	Transcript Link
2016 02 19	NASA Johnson	https://youtu.be/LY1hbQuJlC8	Space to Ground Cygnus Farewell 02 19 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 02 19	NASA Johnson	https://youtu.be/pTyYu7yuKuw	Cygnus Departs Station after Robotic Release	Expedition 46 astronauts Scott Kelly and Tim Kopra of NASA commanded the International Space Station's Canadarm2 robotic arm to release the Cygnus spacecraft at 7:26 a.m. EST while the space station was flying above Bolivia. Earlier, ground controllers at NASA's Johnson Space Center had maneuvered Cygnus into place for its departure. Once the spacecraft is a safe distance from the station, its engines will fire twice, pushing it into Earth's atmosphere where it will burn up over the Pacific Ocean. The deorbit burn and re-entry of Cygnus will not air on NASA TV. The Cygnus resupply craft arrived to the space station on Dec. 9, following Dec. 6 launch on a United Launch Alliance Atlas V rocket from Cape Canaveral Air Force Station in Florida, for the company's fourth NASA-contracted commercial station resupply mission. Experiments delivered on Cygnus supported NASA and other research investigations during Expeditions 45 and 46, in areas such as biology, biotechnology, and physical and Earth science -- research that impacts life on Earth. For more information about the International Space Station, visit: http://www.nasa.gov/station	Transcript Link
2016 02 18	NASA Johnson	https://youtu.be/6L_cO0cBRQg	Fuel for the Fire	The Fuel for the Fire activity promotes student engagement in science, technology, engineering and math (STEM) practices that are critical for success in school and careers. NASA and Texas Instruments developed this free TI-NspireTM activity to give students a first-hand look at the STEM practices that make life in space possible. Follow along as NASA engineer Jonathan Looser introduces the activity and shows how he provides fuel for the fire of the Space Launch System (SLS). Go to www.missionimagination.com, and click on "Activities" to get started!	Transcript Link
2016 02 17	NASA Johnson	https://youtu.be/aHzFcorlj4Y	Space Station Live Building a One-Year Space Relationship	NASA Commentator Lori Meggs talks with Samantha Harris, a PAYCOM in the Payload Operations Integration Center at NASA's Marshall Space Flight Center in Huntsville, Alabama. As the only member of the POIC team who communicates directly with crewmembers on the International Space Station during their science operations, Harris discusses what it's been like to work with a crewmember for an entire year—Scott Kelly on the One Year Mission—versus a typical six-month mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 02 17	NASA Johnson	https://youtu.be/yjLLfd3uKXo	Space Station Live Homecoming for Kelly	NASA Commentator Dan Huot talks with Dr. Stevan Gilmore, the lead flight surgeon for astronaut Scott Kelly's One Year Mission to the International Space Station. Gilmore, who will be on the team that meets Kelly and his Expedition 46 crewmates when they land in Kazakhstan the night of March 1, U.S. time, talks about the tests to be done at the landing site to evaluate the crew's abilities after a year in weightlessness, and the recovery period Kelly will go through after returning to his home in Houston. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 16	NASA Johnson	https://youtu.be/leYseS988Gg	Space Station Live Research Results During One Year Mission	NASA Commentator Dan Huot talks with International Space Station Chief Scientist Dr. Julie Robinson about the range of research conducted on the station during the One Year Mission of NASA astronaut Scott Kelly and Roscosmos cosmonaut Mikhail Kornienko. It's estimated that Kelly has taken part in about 340 different experiments during this mission, including those he operated for researchers on the ground as well as the ones in which he has been the test subject, and he'll be involved in follow-up studies for as long as three years to gauge how his body recovers from the long-term exposure to the weightless environment.	Transcript Link
2016 02 16	NASA Johnson	https://youtu.be/R2mAL1XrKSE	Space Station Live African American History Month	As NASA honors the contributions of African Americans to the cause of spaceflight and space exploration, NASA Commentator Gary Jordan talks with Sheela Yomekpe, a biomedical engineer at the International Space Station Mission Control Center in Houston, about the past, present and future of African Americans in the nation's space exploration effort.	Transcript Link
2016 02 12	NASA Johnson	https://youtu.be/9884aTBsyU4	Space to Ground Space Suit Repairs 02 12 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 02 10	NASA Johnson	https://youtu.be/uFhvJfcO0lA	Space Station Live Science of the Gut	NASA Commentator Lori Meggs talks with a principal researcher on the Microbiome experiment. The ongoing study looks at the impact of space travel on both the human immune system and an individual's microbiome (the collection of microbes that live in and on the human body at any given time.) Microbiome is part of the ongoing Twins Study with brothers Scott and Mark Kelly and will explore the brothers' dietary differences and stressors to find out how both affect the organisms in the twins' guts. To learn about the Microbiome experiment, visit: http://go.nasa.gov/1WgFFTh. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 09	NASA Johnson	https://youtu.be/YP5OzMBYUqs	A Moment with Yuri Malenchenko	A Moment with Yuri Malenchenko. HD download link: https://archive.org/details/Expedition46ResourceReel	Transcript Link
2016 02 06	NASA Johnson	https://youtu.be/ww3ueFwqnWs	ISS Crew Discusses Life in Space with Former President Bush	Aboard the International Space Station, Expedition 46 Commander Scott Kelly and Flight Engineer Tim Kopra of NASA discussed Kelly's year-long mission and research aboard the orbital laboratory during a conversation Feb. 5 with former President George H.W. Bush who paid a visit to Mission Control at the Johnson Space Center in Houston. Mr. Bush was accompanied in Mission Control by Kelly's twin brother, Mark Kelly and his wife, former Congresswoman Gabrielle Giffords. The linkup came less than four weeks before Kelly's return to Earth with Russian cosmonaut Mikhail Kornienko of Roscosmos to complete a year-long mission designed to gather valuable biomedical data that will be used in the formulation of a human mission to Mars. Kelly and Kornienko are scheduled to land in a Soyuz spacecraft on the steppe of Kazakhstan on March 2, Kazakhstan time (March 1, U.S. time). _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 02 05	NASA Johnson	https://youtu.be/KoKC6qA_syU	Space Station Live African American History Month	As NASA honors the contributions of African Americans to the cause of spaceflight and space exploration, NASA Commentator Pat Ryan talks with astronaut Victor Glover about the past, present and future of African Americans in the nation's space exploration effort. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 05	NASA Johnson	https://youtu.be/AXGS1-UVZPY	mISSion imaginaTIon Waste Management	mISSion imaginaTIon, a joint venture between NASA and Texas Instruments, challenges students to take the knowledge gathered from missions aboard the International Space Station and adapt proven systems and process for a future #JourneytoMars. For the second activity, students are challenged to design a waste management system. To help them along the way, Kristen Fortson, International Space Station program Stowage and Disposal lead at the Johnson Space Center explains the different types of waste that astronauts accumulate, how waste is managed and disposed of on the International Space Station, and what NASA is doing to help prepare for future missions. Are you ready to put science, technology, engineering and mathematics to work, and take the next big leap? www.missionimagination.com	Transcript Link
2016 02 05	NASA Johnson	https://youtu.be/hsPVXXxUWyo	Space to Ground A Walk in Space 02 05 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 04	NASA Johnson	https://youtu.be/-TU1OkVctaI	Space Station Live The ISS Workout Plan	NASA Commentator Lori Meggs talks with Gail Perusek of NASA's Exercise Countermeasures Lab at the Glenn Research Center about the exercises that keep International Space Station crew members healthy during extended missions in weightlessness and how the scientists design the hardware for use on orbit. Resistance and aerobic exercises are vital to keeping the crew members healthy in an environment where they don't even have to work against the pull of gravity in their day to day lives. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 02 03	NASA Johnson	https://youtu.be/HPlsOlR9yQI	Monthly ISS Research Video Update for February 2016	See the highlights of recent research conducted on the International Space Station during June. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 02 01	NASA Johnson	https://youtu.be/iS0ZVT5dnDA	Space Station Live Simulating Two Years in Space	NASA Commentator Gary Jordan talks with Lisa Spence, the flight analog project manager for NASA's Human Research Program, about the latest campaign using the Human Exploration Research Analog (HERA) habitat at the Johnson Space Center in Houston. A crew of four women is conducting a 30-day-long simulation of a two-year mission to an asteroid, conducting research for almost two dozen investigators trying to learn more about how a group of people interact and work with one another for an extended period of time. Three more of these simulations are planned during 2016.	Transcript Link
2016 02 01	NASA Johnson	https://youtu.be/c81EaTtFBD8	StationLIFE Cardiovascular – February 2016	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks about studies into cardiovascular health aboard the International Space Station. This February, we wanted to focus on cardiovascular research onboard the International Space Station, which coincides with the American Heart Month. Like bones and muscle, the cardiovascular system deconditions (gets weaker) in microgravity. Long-duration spaceflight may increase the risk of oxidative damage and inflammation in the cardiovascular system primarily from radiation, but also from psychological stress, reduced physical activity, diminished nutritional standards and, in the case of extravehicular activity, increased oxygen exposure. Developing countermeasures to keep astronauts' hearts healthy in space is applicable to heart health on Earth, too! Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/iss-science HD download link: https://archive.org/details/StationLIFE _____ FOLLOW THE SPACE STATION!	Transcript Link

2016 02 01	NASA Johnson	https://youtu.be/-p-D2XBZk38	Russian ISS Spacewalk %2342 Animation	A narrated animation of the 42nd spacewalk using the Russian airlock and spacesuits aboard the International Space Station. The spacewalk is planned for Wednesday, February 3. Expedition 46 Flight Engineers Yuri Malenchenko and Sergey Volkov of Roscosmos will don their spacesuits and exit the station's Pirs airlock at approximately 8:10 a.m. Their objectives are to deploy and retrieve several experiment packages on the Zvezda and Poisk modules and install devices called gap spanners, which will be placed on the hull of the station to facilitate the movement of crew members on future spacewalks. Malenchenko and Volkov also will install the Vinoslivost experiment, which will test the effects of the space environment on various structural material samples, and test a device called the Restavratsiya experiment, which could be used to glue special coatings to external surfaces of the station’s Russian segment. The pair will retrieve the EXPOSE-R Experiment, a collection of biological and biochemical samples placed in the harsh environment of space. The EXPOSE program is part of ESA’s (European Space Agency) research into astrobiology, or the study of the origin, evolution and distribution of life in the universe. The spacewalk will be the 193rd in support of space station assembly and maintenance, the sixth spacewalk for Malenchenko and the fourth spacewalk for Volkov. Malenchenko will be	Transcript Link
2016 02 01	NASA Johnson	https://youtu.be/W6cYACCrwbU	A Moment with Tim Kopra	A Moment with Tim Kopra. HD download link: https://archive.org/details/Expedition46ResourceReel	Transcript Link
2016 02 01	NASA Johnson	https://youtu.be/N9TdWhYBsU0	A Moment with Tim Peake	A Moment with Tim Peake. HD download link: https://archive.org/details/Expedition46ResourceReel	Transcript Link

2016 01 29	NASA Johnson	https://youtu.be/eo_6W568XtI	Orion Backstage Anthony Thrikettle	Even engineers like to shake things up now and then. Anthony Thirkettle is a principal mechanical engineer for ESA (European Space Agency) working on Orion's European-built service module, which provides propulsion and power for the spacecraft. He explains structural testing that is now underway at NASA's Glenn Research Center Plum Brook Station in Sandusky, Ohio, where a structural representation of the service module is being put through a series of tests to evaluate how it will stand up to the harsh environment of liftoff and ascent to space. The service module element is being built by ESA and Airbus Defence & Space for NASA's Orion spacecraft, which will launch atop the Space Launch System rocket on a three-week mission to the far side of the moon and back in 2018.	Transcript Link
2016 01 29	NASA Johnson	https://youtu.be/zQxdl0XDpw0	Space Station Live The Space Lab Lineup	NASA Commentator Lori Meggs talks with International Space Station Chief Scientist Dr. Julie Robinson about plans for scientific research on board the station during Expeditions 47 and 48, the first six months after the conclusion of the current One Year Mission. Robinson is attending a meeting of payload developers and researchers at NASA's Marshall Space Flight Center in Huntsville, Alabama, the home to the Payload Operations and Integration Center which manages experiment activity inside the U.S. segment of the space station. To learn about the top four research results from 2015 that Dr. Robinson mentions in her interview, check out her blog, A Lab Aloft: http://go.nasa.gov/1JM15FX . _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 01 29	NASA Johnson	https://youtu.be/FVHF8FTbfow	Space to Ground Cyclops and LONESTAR Meet Station 01 29 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 01 28	NASA Johnson	https://youtu.be/Ybv-UfXKzyA	NASA Remembers	Today, NASA astronaut Scott Kelly, One-Year crew member and Commander of Expedition 46 aboard the International Space Station, remembered the sacrifice of the crews of Apollo 1 and space shuttles Columbia and Challenger.	Transcript Link

2016 01 22	NASA Johnson	https://youtu.be/nD6rnYjWPzo	Space to Ground In Bloom 01 22 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 01 21	NASA Johnson	https://youtu.be/TLbhrMCM4_0	Liquid Ping Pong in Space - RED 4K	NASA astronaut Scott Kelly, who marked day 300 of a historic year in space on Jan. 21, 2016, shows off another fascinating feature of life in microgravity. Kelly used two paddles with hydrophobic, or water repellant, features to pass a sphere of water back and forth. Scientists use the microgravity environment of the space station to advance scientific knowledge in Earth, space, physical, and biological sciences that otherwise wouldn't be possible down here on the planet. The paddles are polycarbonate laser etched so that the surfaces are actually arrays of 300 micrometer posts (0.3mm). The surfaces were then spray coated with a Teflon coat. The combined effects of surface roughness and non-wettability produce a super-hydrophobic surface capable of preventing water adhesion in dynamic processes. The larger the drop, the less force it takes to break it up. The smaller the drop, the harder you can hit it. Scott is demonstrating about a 4 mL drop (over 100 times larger than a rain drop). Learn more and follow along with the one-year mission online or using #YearInSpace http://www.nasa.gov/oneyear Read more on 4K in space: http://www.nasa.gov/mission_pages/station/research/news/red_epic_dragon_camera/	Transcript Link
2016 01 19	NASA Johnson	https://youtu.be/Bale3zt3fog	Space Station Live Orion Update	NASA Commentator Pat Ryan talks with John McCullough, NASA's Orion Vehicle Integration Manager, about the progress of preparing the spacecraft which will carry future astronauts to destinations beyond low Earth orbit. The capsule which will be used for the next uncrewed flight test, targeted for 2018, is to be flown to the Kennedy Space Center in Florida next month to begin a series of tests over the next two years to ensure its readiness for a flight that will take it well beyond the orbit of the moon on a flight that will last more than three weeks.	Transcript Link

2016 01 15	NASA Johnson	https://youtu.be/HDtlJn9ufME	Flight Director Royce Renfrew Discusses Early Spacewalk End	Flight Director Royce Renfrew discusses the early end to the spacewalk on January 15, 2016 which included NASA astronaut Tim Kopra and ESA (European Space Agency) astronaut Tim Peake. The pair ended its spacewalk at 12:31 p.m. EST with the repressurization of the U.S. Quest airlock following an early termination after Kopra reported a small water bubble had formed inside his helmet. Commander Scott Kelly assisted the crew members with an expedited removal of their spacesuits and helmets. Once they removed the spacesuits and helmets, the astronauts used a syringe to take a water sample and retrieve the helmet absorption pad to determine how much water was introduced. Engineers are already looking at data to find what may have prompted the water to form inside Kopra's helmet. The crew was never in any danger and returned to the airlock in an orderly fashion. The astronauts replaced a failed voltage regulator that caused a loss of power to one of the station's eight power channels last November, accomplishing the major objective for this spacewalk. The 4 hour and 43 minutes spacewalk was the third for Kopra and the first for Peake, who both arrived to the station Dec. 15. It was the 192 in support of assembly and maintenance of the orbiting laboratory.	Transcript Link
2016 01 15	NASA Johnson	https://youtu.be/a5OEpP53pLc	Space to Ground All Powered Up 01 15 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 01 14	NASA Johnson	https://youtu.be/odcqeJnboxQ	Space Station Live Nutrition, Genetics and Vision in Space	NASA Commentator Dan Huot talks with Dr. Scott M. Smith of the Nutritional Biochemistry Lab at NASA's Johnson Space Center about new findings related to the diminished vision suffered by some astronauts after missions on the International Space Station. Recent research findings show there may be a link between nutrition and genetics and these vision issues; Smith is a co-author of a paper on the topic published in the January issue of The Federation of American Societies for Experimental Biology Journal. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 01 13	NASA Johnson	https://youtu.be/jCOen-aiG5E	Space Station Live The Data Connection	NASA Commentator Lori Meggs talks with Kevin McPherson of NASA's Glenn Research Center about the Telescience Support Center, which connects crew members on board the International Space Station to scientists on the ground while they work on those scientists' experiments and channels the data from the experiments back to the ground. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 01 13	NASA Johnson	https://youtu.be/UgaC1fmF5ao	ISS Spacewalk Animation - U.S. EVA %2335 SSU Replacement	Lead Spacewalk officer for U.S. EVA #35 Paul Dum walks through the tasks for the planned 6.5 hour spacewalk. Set to be performed by NASA astronaut Tim Kopra and Tim Peake on Jan. 15, 2016, the spacewalk will focus on the replacement of a failed voltage regulator to restore the space station's power generation system to full functionality. HD download link: https://archive.org/details/Expedition46ResourceReel	Transcript Link
2016 01 12	NASA Johnson	https://youtu.be/vqBE0F77LPM	Space Station Live A New Measure of Bone Strength	NASA Commentator Dan Huot talks with Dr. Steven Boyd of the University of Calgary, the principal investigator of the TBone experiment on the International Space Station, which is taking advantage of a new technique to learn how spaceflight effects the quality of bone after prolonged exposure to weightlessness. Using three-dimensional high resolution peripheral quantitative computed tomography, the investigation measures bone density and structure so scientists can distinguish changes in bone health and strength that result from microgravity or extended periods of immobilization. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 01 12	NASA Johnson	https://youtu.be/bCZyUb8228k	Join mISSion imaginaTIon	Today's math and science students are tomorrow's visionaries – the innovators who will look to the stars, imagine new possibilities and come up with solutions to turn them into reality. To fire their imaginations and introduce them to the careers that will make the future happen, NASA and Texas Instruments are launching a joint challenge – mISSion imaginaTIon. mISSion imaginaTIon includes four activities designed by NASA and based on the knowledge gathered from missions aboard the International Space Station, including the One Year Mission. Using what has been learned, students will be challenged to adapt proven systems and processes for a future #JourneytoMars. Are you ready to put science, technology, engineering and mathematics to work, and take the next big leap? Join NASA astronaut Ricky Arnold as he introduces students to the challenge. www.missionimagination.com	Transcript Link

2016 01 12	NASA Johnson	https://youtu.be/8zAY3_kzGhw	mISSion imaginaTIon Space Food	mISSion imaginaTIon, a joint venture between NASA and Texas Instruments, challenges students to take the knowledge gathered from missions aboard the International Space Station and adapt proven systems and process for a future #JourneytoMars. For the first activity, students are challenged to design a food system. To help them along the way, Kimberly Glaus-Läte, Space Food Systems Laboratory Manager at the Johnson Space Center explains the difference between space food and “Earth food”, how the food system works on the International Space Station, and what NASA is doing to help prepare for future missions. Are you ready to put science, technology, engineering and mathematics to work, and take the next big leap? www.missionimagination.com	Transcript Link
2016 01 08	NASA Johnson	https://youtu.be/1jwgYDbJ6S4	Space to Ground Gearing Up For a Spacewalk 01 08 2016	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2016 01 07	NASA Johnson	https://youtu.be/epSYavFfLOE	Double the Data with Space Station Twins Study	In March of 2015, NASA embarked on a milestone mission in microgravity Human Research. Not only are astronaut Scott Kelly and cosmonaut Mikhail Kornienko spending one year in space, but both Scott Kelly and his identical twin back on Earth, retired astronaut Mark Kelly, are participating in a set of 10 focused investigations. These investigations are studying how the space environment, including microgravity, radiation, and other stressors, affect the astronauts on a molecular level and how changes at this fundamental level may affect overall changes in astronaut health and well-being. Results from these experiments will allow us to better understand factors that influence aging, cancer, immune responses, risk factors for diseases, and treatments for conditions that are similar to those seen in space.	Transcript Link
2016 01 06	NASA Johnson	https://youtu.be/Jn8LfT9HVOQ	Space Station Live Gauging the Shaking on Orbit	NASA Commentator Lori Meggs talks with Ken Hrovat of NASA’s Glenn Research Center in Cleveland, Ohio, about the Space Acceleration Measurement System that tracks vibrations on the International Space Station. From the machinery operating on board to the human crew members exercising, vibrations along the length of the station can cause stresses and strains on the structure and can disturb delicate microgravity science experiments; the SAMS helps specialists understand the vibration environment and contributes to efforts to dampen the effects. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 01 05	NASA Johnson	https://youtu.be/6GnVLQqgR7o	Space Station Live The Measure of the Marrow	NASA Commentator Brandi Dean talks with Drs. Guy Trudel and Odette Laneuville of the University of Ottawa about the MARROW experiment now underway on board the International Space Station. The researchers believe that in weightlessness bone marrow may produce more fat cells than blood cells and leave astronauts susceptible to things like anemia or infection, similar to patients on Earth who are restricted to bed rest. In this experiment they're gathering samples from space station crew members before, during and after their flights to measure for fat content in the marrow and begin to develop countermeasures that would help keep future astronauts safe on long-duration missions.	Transcript Link
2016 01 05	NASA Johnson	https://youtu.be/KOTMa4ZBivw	StationLIFE Nutrition – January	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks about the International Space Station's role in the field of nutrition. The space station is being utilized to study the risks to human health that are inherent in space exploration. The human body changes in various ways in microgravity, and nutrition-related investigations help us understand and reduce those risks associated with those changes (bone mineral density loss, muscle atrophy, cardiovascular deconditioning, immune dysfunction, radiation, etc.). Scientists can also test the effectiveness of potential countermeasures like exercise and nutrition, which can have health benefits for those of us on Earth. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/iss-science HD download link: https://archive.org/details/StationLIFE _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2016 01 04	NASA Johnson	https://youtu.be/0q7S6stE0hU	Monthly ISS Research Video Update for January 2016	See the highlights of recent research conducted on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2016 01 01	NASA Johnson	https://youtu.be/zXrQZbU9r40	Orion Backstage Floyd Daniels and Tammy Bourgeois	Here's your backstage pass to go behind the scenes with NASA's Orion Program. Meet the people building the spacecraft that will take humans on the journey to Mars. In this episode, Lockheed Martin technicians Floyd Daniels and Tammy Bourgeois take us into the clean room at NASA's Stennis Space Center to show us where they inspect Orion's propellant tubes for contamination. Propellant tubes will be sent to Kennedy Space Center for installation on Orion's crew module for Exploration Mission 1 in 2018.	Transcript Link
2015 12 28	NASA Johnson	https://youtu.be/9SY7ojOx6mo	Happy New Year from the International Space Station	Aboard the International Space Station, Expedition 46 Commander Scott Kelly of NASA, Flight Engineer Tim Kopra of NASA and Flight Engineer Tim Peake of the European Space Agency wished the people of Earth a Happy New Year. Kelly is nearing the completion of the ninth month of a year-long mission on the orbital laboratory, while Kopra and Peake arrived Dec. 15 to begin a six-month mission on the complex. HD download link: https://archive.org/details/Expedition46ResourceReel	Transcript Link
2015 12 25	NASA Johnson	https://youtu.be/0JP59g79vA4	Space to Ground A Look Back 12 25 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 12 25	NASA Johnson	https://youtu.be/IyoPoETy5gY	Seven Billion Dreams	Take in the view from the International Space Station. For 15 years, humans have been living continuously aboard the ISS to advance scientific knowledge and demonstrate new technologies, making research breakthroughs not possible on Earth that also will enable long-duration human and robotic exploration into deep space. A truly global endeavor, more than 200 people from 15 countries have visited the unique microgravity laboratory that has hosted more than 1,700 research investigations from researchers in more than 83 countries. For more timelapse views of planet Earth from the International Space Station, visit: http://eol.jsc.nasa.gov/BeyondThePhotography/CrewEarthObservationsVideos/ Original score written and performed by Yanni and provided as a gift for the ISS 15th Anniversary of human presence. 23rd Street publishing Inc/Yanni Music Publishing (ASCAP) Used by Permission. All Rights Reserved. HD download link: https://archive.org/details/SevenBillionDreams	Transcript Link
2015 12 23	NASA Johnson	https://youtu.be/oUa9DYveXpY	Space Station Live A Surgical Assist from ISS Robotics Technology	NASA Commentator Lori Meggs talks with Dr. Mehran Anvari, a professor of surgery at McMaster University in Canada and the scientific officer for the Center for Surgical Invention and Innovation/IGAR, about the transfer of the robotics technology behind the International Space Station's Canadarm-2 into the operating room here on Earth, and about how that technology might assist future space travelers should they ever be called upon to perform tele-surgery while on some future deep space mission.	Transcript Link
2015 12 21	NASA Johnson	https://youtu.be/d03-JnJ5QNE	Happy Holidays from the International Space Station Crew	Aboard the International Space Station, Expedition 46 Commander Scott Kelly of NASA, Flight Engineer Tim Kopra of NASA and Flight Engineer Tim Peake of the European Space Agency offered their thoughts on being in orbit away from home during the Christmas holidays and what Christmas means to them in a message downlinked on Dec. 17. Kelly is nearing the completion of the ninth month of a year-long mission on the orbital laboratory, while Kopra and Peake arrived Dec. 15 to begin a six-month mission on the complex. HD download link: https://archive.org/details/Expedition46ResourceReel	Transcript Link

2015 12 18	NASA Johnson	https://youtu.be/wqjqP0-wX4A	Orion Backstage Tobias Fricke	Here's your backstage pass to go behind the scenes with NASA's Orion Program. Meet the people building the spacecraft that will take humans on the journey to Mars. In this episode, Tobias Fricke, a quality engineer from Airbus Defence and Space, discusses testing a structural representation of Orion's service module known as the ESTA at NASA Glenn Research Center's Space Power Facility in Sandusky, Ohio. The service module is being built in Europe and is a critical piece of Orion and provides its power and in-space propulsion, as well as air and water.	Transcript Link
2015 12 18	NASA Johnson	https://youtu.be/uL2OSs7DXoU	Space Station Live Kenneth Todd	Kenneth Todd, ISS Operations Integration Manager, discusses a possible EVA to occur the week of December 21st.	Transcript Link
2015 12 18	NASA Johnson	https://youtu.be/SN_L2KwB6kE	Orion 2015 Progress Toward Exploration Mission-1	This video shows many hardware milestones reached in 2015 to send NASA's Orion spacecraft to deep space on Exploration Mission-1, a flight that will take the uncrewed spacecraft thousands of miles beyond the moon in the first integrated mission with NASA's Space Launch System rocket. HD download link: https://archive.org/details/NASA-Orion-Resource-Reel	Transcript Link
2015 12 18	NASA Johnson	https://youtu.be/GbH376EJ-uo	Space to Ground New Arrival 12 18 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 12 17	NASA Johnson	https://youtu.be/TvmVTzN8exQ	NASA’s Trio of WB-57s Fly in Formation Over Houston	NASA’s trio of WB-57s fly in formation over Houston on November 19, 2015. This flight was the first time that three WB-57s have been aloft simultaneously since the early 1970s, when the U.S. Air Force had an active squadron of WB-57s. These fully operational WB-57 aircraft are based near NASA's Johnson Space Center at Ellington Field, home of the NASA WB-57 High Altitude Research Program, which provides unique, high-altitude airborne platforms to support scientific research and advanced technology development and testing. Mission examples include atmospheric and earth science, ground mapping, cosmic dust collection, rocket launch support, and testbed operations for future airborne or spaceborne systems. The WB-57 pilots and personnel supported several missions during the 2015 hurricane season, including flights over hurricanes Joaquin, and Patricia. This flight took the planes over Ellington Field, Houston’s Downtown, Galleria, and Medical Center. The flight continued over the Astro Dome, Minute Maid Park, Intercontinental Airport, the Houston Ship Channel, San Jacinto Monument and Johnson Space Center. HD download link: https://archive.org/details/WB57VideoResourceReel	Transcript Link
2015 12 17	NASA Johnson	https://youtu.be/joXGqIoMlBY	NASA’s Trio of WB-57s Fly in Formation Over Houston (alternate take)	NASA’s trio of WB-57s fly in formation over Houston on November 19, 2015. This flight was the first time that three WB-57s have been aloft simultaneously since the early 1970s, when the U.S. Air Force had an active squadron of WB-57s. These fully operational WB-57 aircraft are based near NASA's Johnson Space Center at Ellington Field, home of the NASA WB-57 High Altitude Research Program, which provides unique, high-altitude airborne platforms to support scientific research and advanced technology development and testing. Mission examples include atmospheric and earth science, ground mapping, cosmic dust collection, rocket launch support, and testbed operations for future airborne or spaceborne systems. The WB-57 pilots and personnel supported several missions during the 2015 hurricane season, including flights over hurricanes Joaquin, and Patricia. This flight took the planes over Ellington Field, Houston’s Downtown, Galleria, and Medical Center. The flight continued over the Astro Dome, Minute Maid Park, Intercontinental Airport, the Houston Ship Channel, San Jacinto Monument and Johnson Space Center. HD download link: https://archive.org/details/WB57VideoResourceReel	Transcript Link

2015 12 17	NASA Johnson	https://youtu.be/U2f6aChCFyg	Space Station Live Recycling Milestone on Orbit	NASA Commentator Dan Huot talks with Dave Mathers, a manager in the International Space Station Mission Evaluation Room, about a milestone for the station's regenerative environmental control and life support system. As of early this week the Urine Processor Assembly, Water Processor Assembly, and Oxygen Generation Assembly racks have been operating together on orbit for seven years, transforming waste water on the station into pure drinking water and breathing oxygen to support the human crew members.	Transcript Link
2015 12 16	NASA Johnson	https://youtu.be/fPjr4NPtlLE	Space Station Live Student Experiments Fly to Station	NASA Commentator Lori Meggs talks with Dan Saldana of Valley Christian High School in San Jose, California about some of the 17 experiments developed by students in schools from the USA to Finland that just arrived at the International Space station aboard the new Cygnus cargo ship. Experiments ranging from protein crystal growth and electroplating to bacterial and plant growth are giving the students a chance to take what they've learned from textbooks and put it into practice.	Transcript Link
2015 12 16	NASA Johnson	https://youtu.be/BAcoHQaLWTw	NASA Arc Jet Facility History	NASA researchers used the Arc Jet Facility at Johnson Space Center for over 40 years to provide researchers with the data necessary to develop spacecraft protective systems. From the dawn the space race, through the development of the Orion spacecraft, the Arc Jet facility allowed researchers the opportunity to test and refine spacecraft material and structural designs to determine what could withstand the extreme temperature, physical and chemical changes required to penetrate the atmosphere and return safely to earth. As NASA progresses on the Journey to Mars, the groundwork laid by Arc Jet researchers will prove invaluable. HD download link: https://archive.org/details/NASAArcJetFacilityHistory	Transcript Link

2015 12 15	NASA Johnson	https://youtu.be/scGc1NS_IV8	Soyuz Docked to Space Station	Soyuz Commander Yuri Malenchenko manually docked the Soyuz TMA-19M spacecraft at 12:33 p.m. EST to the International Space Station's Rassvet module after an initial automated attempt was aborted. Malenchenko took control of the Soyuz, backed it away from the station to assess the Soyuz' systems, then reapproached the complex for the manual docking. Flight Engineer Tim Kopra of NASA and Flight Engineer Tim Peake of the European Space Agency flanked Malenchenko as he brought the Soyuz to the Rassvet port for the start of a six-month mission. After leak checks are conducted on both sides of the docking interface, hatches will be opened and Malenchenko, Kopra and Peake will be greeted by Expedition 46 Commander Scott Kelly of NASA and Flight Engineers Mikhail Kornienko and Sergey Volkov of the Russian Federal Space Agency (Roscosmos). _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 12 14	NASA Johnson	https://youtu.be/ocPYDuTvivY	Space Station Live Kopra Ready to Fly!	NASA Commentator Pat Ryan talks with astronaut Tim Kopra as his finishes his preparations to launch to the International Space Station for Expeditions 46 and 47. Kopra, retired from the U.S. Army with the rank of colonel, will launch in a Soyuz spacecraft on Dec. 15 at 6:03 a.m. ET from the Baikonur Cosmodrome in Kazakhstan, along with Russian cosmonaut Yuri Malenchenko and European Space Agency astronaut Tim Peake of Great Britain, to spend six months on orbit. This will be Kopra's second tour of duty as a member of the ISS crew. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 12 14	NASA Johnson	https://youtu.be/P32j17Fl5L0	NASA Spacesuit Development	NASA takes you on the journey engineers go through to make a spacesuit. What challenges must be overcome to build a spacesuit capable of withstanding the heat, cold and the extreme environment of space? Learn about the accomplishments achieved by humans working in space, and discover two new prototype spacesuits, the PXS and the Z-2, as NASA continues to build on a 50 year legacy of spacesuits and prepares the next generation of explorers for the Journey to Mars. HD dowload link: https://archive.org/details/NASASpacesuitDevelopment	Transcript Link

2015 12 12	NASA Johnson	https://youtu.be/fgBi2BjiKXI	Expedition 45 Crew Traveling Home	Expedition 45 Commander Oleg Kononenko of the Russian Federal Space Agency (Roscosmos) and Flight Engineers Kjell Lindgren of NASA and Kimiya Yui of the Japan Aerospace Exploration Agency arrived at the airport in Dzhezkazgan, Kazakhstan on Dec. 11, a few hours after landing in their Soyuz TMA-17M spacecraft. The crew then split up, with Kononenko returning to his training base in Star City, Russia, while Lindgren and Yui boarded a NASA plane for a return trip to Houston. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 12 11	NASA Johnson	https://youtu.be/sldv0JYFVgU	Astronauts give underwater shout-out for Army-Navy game	NASA astronauts Captain Suni Williams, Naval Academy Class of 1987 graduate, and Colonel Doug Wheelock, West Point Class of 1983 graduate, cheer on their teams ahead of the Army-Navy football game on Saturday, December 12, 2015. Williams and Wheelock are underwater in NASA's Neutral Buoyancy Laboratory. The 40 ft. deep, 6.2 million gallon pool houses life-size mockups of the International Space Station which astronauts use to train for spacewalks.	Transcript Link
2015 12 11	NASA Johnson	https://youtu.be/PqU3LjQr5hM	Astronauts cheer for Army-Navy game	NASA astronauts Captain Suni Williams, Naval Academy Class of 1987 graduate, and Colonel Doug Wheelock, West Point Class of 1983 graduate, cheer on their teams ahead of the Army-Navy football game on Saturday, December 12, 2015. Williams and Wheelock are speaking from the pool deck of NASA's Neutral Buoyancy Laboratory. The 40 ft. deep, 6.2 million gallon pool houses life-size mockups of the International Space Station which astronauts use to train for spacewalks.	Transcript Link
2015 12 11	NASA Johnson	https://youtu.be/iOimGkaJGl4	Space to Ground Home For The Holidays 12 11 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2015 12 10	NASA Johnson	https://youtu.be/fjqWBsaQj2k	Expedition 46-47 Crew Prepares for Launch	At the Baikonur Cosmodrome in Kazakhstan, Expedition 46-47 Soyuz Commander Yuri Malenchenko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Tim Kopra and Flight Engineer Tim Peake of the European Space Agency participated in a variety of activities Nov. 30-Dec. 10. The crew will launch from Baikonur to the International Space Station in the Soyuz TMA-19M spacecraft on December 15. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 12 10	NASA Johnson	https://youtu.be/E5xbrT80yqA	Space Station Live Remote Control From On Orbit	NASA Commentator Pat Ryan talks with astronaut Barry Wilmore about the Haptics experiment that he performed while serving as commander of the International Space Station's Expedition 42. The Haptics researchers are developing the technology that would allow an astronaut on board an orbiting vehicle to command a robotic explorer on the surface of the moon or planet they are orbiting.	Transcript Link
2015 12 09	NASA Johnson	https://youtu.be/h5WOWMlt9Ug	Preparing America for Deep Space Exploration Episode 11 Committed to Exploration	Engineers around the country are making progress developing NASA's Space Launch System, Orion spacecraft and the ground systems at Kennedy Space Center in Florida needed to send astronauts on missions to deep space destinations. Between July and September, progress continued as pieces of Orion's crew module and the SLS core stage tanks were welded together at NASA's Michoud Assembly Facility in New Orleans, modifications were made to the mobile launcher at Kennedy, astronauts tested techniques for exiting Orion after a mission, and an RS-25 engine was tested at Stennis Space Center in Mississippi. HD download link: https://archive.org/details/PreparingAmericaforDeepSpaceExploration	Transcript Link
2015 12 09	NASA Johnson	https://youtu.be/Mo8IkHM8fGE	A Visual Journey NASA's Exploration Mission-1	NASA is hard at work building the Orion spacecraft, Space Launch System rocket and the ground systems needed to send astronauts into deep space. The agency is developing the core capabilities needed to enable the journey to Mars. On Exploration Mission-1, the spacecraft will travel thousands of miles beyond the moon over the course of about a three-week mission. HD download link: https://archive.org/details/NASA-Orion-Resource-Reel	Transcript Link

2015 12 09	NASA Johnson	https://youtu.be/merzd5ib4l8	Space Station Live NASA-TV Going UHD	NASA Media Specialist Bill Hubscher talks with Imagery Experts program manager Rodney Grubbs about a new ultra high definition television camera delivered to the International Space Station on the new Cygnus cargo vehicle, and NASA's overall efforts to upgrade NASA Television to the UHD technology. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 12 09	NASA Johnson	https://youtu.be/metJZuLJiy4	Johnson Space Center 2015 Highlights	HD download link: https://archive.org/details/JSCHighlightsVideos	Transcript Link
2015 12 08	NASA Johnson	https://youtu.be/5e82F6auX4M	Space Station Live Synthetic Muscle	NASA Commentator Pat Ryan talks with Dr. Lenore Rasmussen, the founder and chief technology officer of Ras Labs in Quincy, Massachusetts and principal investigator of the Synthetic Muscle experiment that's currently being radiation-tested on the International Space Station. The synthetic muscle material lends itself to life-like motion and could improve the ability of robots to perform work in space as well as improve the performance of prosthetics on Earth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 12 08	NASA Johnson	https://youtu.be/gK03z06_Tkg	Space Station Stories A World of Possibilities	A key element to NASA's efforts to commercialize space research, the International Space Station is changing how businesses think of space: as a destination on orbit and a laboratory that supports cutting edge science and technology research and development, the station is driving private sector expansion while enabling future deep space exploration, fostering international cooperation, and generating benefits for people on Earth today. HD download link: https://archive.org/details/SpaceStationStories _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 12 07	NASA Johnson	https://youtu.be/R62xbngPcOE	Combined Federal Campaign 2015	The Combined Federal Campaign (CFC) is an annual fundraising drive that provides an opportunity for government employees to donate to local, national, and international non-profit organizations. It's a unique opportunity for employees to give back and let the community know that we care. CFC is the world's largest and most successful annual workplace charity campaign, with almost 200 CFC campaigns throughout the country and overseas raising millions of dollars each year. For more information, visit: https://www.opm.gov/combined-federal-campaign/	Transcript Link
2015 12 04	NASA Johnson	https://youtu.be/IlejgR0DM-g	Space Station Live Studying the Microbiome	NASA Commentator Amiko Kauderer talks with Dr. Cherie Oubre, a microbiologist at NASA's Johnson Space Center, about the Microbiome experiment on the International Space Station, which is looking at how the stresses of a space flight impact the human immune system and the collection of microbes that live in and on the human body. Researchers will study the samples taken from different parts of the bodies of station crew members before, during and after their flight, and from different parts of the station itself, to learn how the extreme environment alters the microbiome and thus the health of astronauts during long space flights.	Transcript Link
2015 12 04	NASA Johnson	https://youtu.be/Q8ynNFZ8XCw	Space to Ground Orbital ATK 12 04 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2015 12 02	NASA Johnson	https://youtu.be/NFEC8OZWDCY	Space Station Live Packed Bed Reactor	NASA Commentator Lori Meggs talks with Brian Motil of the Glenn Research Center, the principal investigator of the Packed Bed Reactor experiment flying to the International Space Station on the Orbital 4 resupply mission. This experiment studies the behavior of gases and liquids when they flow simultaneously through a column filled with porous media, as is done in chemical engineering to enhance the contact between two immiscible fluid phases. Data from this experiment could lead to better designs for chemical and biological reactors used in water recovery, planetary surface processing and oxygen production, and thus longer space missions in the future.	Transcript Link
2015 12 02	NASA Johnson	https://youtu.be/bVzwbGFdX1Q	StationLIFE Robotics – December	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks about the ways robotics are used on the International Space Station. The International Space Station is home to some of the most advanced robotic systems ever developed. These machines are used in tasks ranging from simple house cleaning to capturing visiting spacecraft! Right now on the station, robotic systems are demonstrating the ability to repair and refuel satellites, testing 3D mapping and navigation technologies, analyzing robotic synthetic muscles that contract and relax like real muscle, and even saving lives back here on Earth! Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/iss-science HD download link: https://archive.org/details/StationLIFE _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link
2015 11 30	NASA Johnson	https://youtu.be/yTGSy-79eHc	Meet R5 Valkyrie	You won't find the latest robot in the #BlackFriday frenzy. Meet NASA's R5: Valkyrie, the latest in humanoid robot technology designed to perform in extreme environments. HD download link: https://archive.org/details/MeetR5Valkyrie	Transcript Link

2015 11 30	NASA Johnson	https://youtu.be/1YdAYr16Y1U	Monthly ISS Research Video Update for December 2015	See the highlights of recent research conducted on the International Space Station. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 11 30	NASA Johnson	https://youtu.be/_n7InGySYEk	Expedition 46-47 Crew Departs for Kazakh Launch Site	Expedition 46-47 Soyuz Commander Yuri Malenchenko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Tim Kopra and Flight Engineer Tim Peake of the European Space Agency, and their backups, Anatoly Ivanishin of Roscosmos, Kate Rubins of NASA and Takuya Onishi of the Japan Aerospace Exploration Agency participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia, outside Moscow Nov. 30. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete their training for the launch of Malenchenko, Kopra and Peake to the International Space Station in the Soyuz TMA-19M spacecraft Dec. 15 for a six-month mission.	Transcript Link
2015 11 27	NASA Johnson	https://youtu.be/Brwb6JAZJ0I	Space to Ground Space Thanksgiving 11 27 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 11 25	NASA Johnson	https://youtu.be/60fxGvNLFtY	How to Prepare (Thanksgiving) Food in Space	While astronauts aboard the International Space Station are not able to step outside and fire up the turkey fryer, they still celebrate Thanksgiving with a feast of smoked turkey, candied yams, cornbread dressing and many other classic holiday favorites. Some of the food is thermostabilized and others need to be rehydrated. Here, rehydrating turkey tetrazzini is shown in a step-by-step process. Download at https://archive.org/details/Expedition45ResourceReel	Transcript Link

2015 11 24	NASA Johnson	https://youtu.be/QFoZG-eI0WU	Space Station Live Drug Development in Space	NASA Commentator Lori Meggs talks with Paul Reichert, the associate principal scientist for Merck Research Laboratories, about the work with monoclonal antibodies he's conducting on the International Space Station. By conducting research in a weightless environment, Reichert and other scientists have been identifying variables that influence the growth of protein crystals, which can improve the manufacturing, delivery and storage of drugs used in the fights against diseases like cancer, osteoporosis and multiple sclerosis.	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/VSIC752WPe4	Malenchenko, Kopra and Peake Conduct Ceremonies in Russia	Expedition 46-47 Soyuz Commander Yuri Malenchenko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Tim Kopra and Flight Engineer Tim Peake of the European Space Agency visited the Gagarin Museum where they viewed historic space artifacts at the Gagarin Cosmonaut Training Center in Star City, Russia Nov. 23, then traveled to Moscow where they laid flowers at the Kremlin Wall in Red Square where Russian space icons are interred. Malenchenko, Kopra and Peake are scheduled to launch Dec. 15 in the Soyuz TMA-19M spacecraft to the International Space Station for a six-month mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/HAhAP4MPT5I	Thanksgiving 2015 on the International Space Station	NASA astronauts Scott Kelly and Kjell Lindgren took time to share their plans for Thanksgiving this year aboard the International Space Station. The two NASA astronauts sent well wishes to those on the ground and showed off their Thanksgiving meal of smoked turkey, candied yams, corn and potatoes au gratin.	Transcript Link

2015 11 23	NASA Johnson	https://youtu.be/96G3qqBoALw	Is It Possible To Define Inspiration - A CineSpace 2015 Film	Finalist "Is It Possible To Define Inspiration?" Courtney Robinson Grimsby, Lincolnshire NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/9CsEF9RB1Yw	Home - A CineSpace 2015 Film	Winner - “Film Best Depicting Spirit of Future Exploration of Space” "Home" Benjamin Eck Sherman Oaks, CA NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/GBcHOfqEBKI	Le Voyage - A CineSpace 2015 Film	Winner - 3rd Place Le Voyage Alexandre B. Lampron Laval, Quebec NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link

2015 11 23	NASA Johnson	https://youtu.be/2o8N4AdaW2A	A Little Journey - A CineSpace 2015 Film	Finalist "A Little Journey" Lisset Mendoza Anaheim, CA NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/M8mntXMihNU	Mission Avante - A CineSpace 2015 Film	Winner - 2nd Place Mission Avante Fernando Dueñas Peña Bogota Colombia NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/OxF9kOnPVB8	Red Pearl - A CineSpace 2015 Film	Winner - “Film Best Depicting Benefits to Humanity from the International Space Station” "Red Pearl" Wayne Slaten League City, TX NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link

2015 11 23	NASA Johnson	https://youtu.be/_tFvHUnfKcQ	Voyagers - A CineSpace 2015 Film	Finalist "Voyagers" Daniel Land and Paul Frieling Detroit, Michigan NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/hf5PUgp5spg	Supersymetry - A CineSpace 2015 Film	Finalist "Supersymmetry" Trent Jaklitsch Brooklyn, NY NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/vBe-onc4aic	Outer Space - A CineSpace 2015 Film	Finalist "Outer Space" Sander van den Berg Pijnacker, Zuid-Holland NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link

2015 11 23	NASA Johnson	https://youtu.be/B0Y6jA6AqqI	End Of The Sky - A CineSpace 2015 Film	Finalist "End of the Sky" Elijah Alvarado Iowa NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/Kd8wC_TQtM0	As We Set Sail - A CineSpace 2015 Film	Finalist "As We Set Sail" Lee Arter Los Angeles, CA NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/LZ0ItjwivYE	General Astronomy - A CineSpace 2015 Film	Finalist "General Astronomy" Victoria Taylor-Gore Amarillo, TX NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link

2015 11 23	NASA Johnson	https://youtu.be/mDQdc5YT0-0	Come Closer - A CineSpace 2015 Film	Finalist "Come Closer" Amia Yokoyama Los Angeles, CA NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/3bxRpZ6uP2k	Higher Ground - A CineSpace 2015 Film	Winner - 1st Place "Higher Ground" Mary Magsamen and Stephen Hillerbrand Houston, TX NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link
2015 11 23	NASA Johnson	https://youtu.be/qODBzyB91so	Guiding Light - A CineSpace 2015 Film	Finalist "Guiding Light" Guy Shahaf Yehud, Israel NASA and the Houston Cinema Arts Society offered filmmakers around the world a chance to share their works inspired by, and using, real NASA imagery through “CineSpace,” a new short film competition. Entries used at least 10 percent publicly available NASA imagery and video collected throughout the agency's 50-year history. The inaugural competition drew 194 entries from 22 countries and 32 states. Prizes were awarded to the top three submissions and the two films that best demonstrated the themes "Benefits of Space to Humanity" and "Future Space Exploration." To learn more, visit: www.cinespace15.org http://www.nasa.gov/feature/cinespace-winners	Transcript Link

2015 11 20	NASA Johnson	https://youtu.be/24Yk81lenCk	Space Station Live Boosting Science on ISS	NASA Commentator Pat Ryan talks with Dr. Michael Roberts, the deputy chief scientist at the Center for the Advancement of Science in Space (CASIS), which manages the International Space Station National Laboratory and works with scientists and commercial entities to facilitate their research in space. CASIS also spearheads educational outreach efforts to encourage students from kindergarten to graduate school to study science, technology, engineering and math.	Transcript Link
2015 11 20	NASA Johnson	https://youtu.be/T9aKSogrL-I	Expedition 46 47 Crew Undergoes Final Training Outside Moscow	Expedition 46/47 prime crewmembers Timothy Kopra of NASA, Yuri Malenchenko of the Russian Federal Space Agency (Roscosmos) and Timothy Peake of the European Space Agency conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia Nov. 19 and 20. Kopra, Malenchenko and Peake are scheduled to launch on Dec. 15, Kazakh time, in the Soyuz TMA-19M spacecraft for a six-month mission on the International Space Station.	Transcript Link
2015 11 20	NASA Johnson	https://youtu.be/6Otg83PPls8	Space to Ground Outer Space Orchestra 11 20 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 11 19	NASA Johnson	https://youtu.be/pP4dK_12O48	Space Station Live It's Story Time!	NASA Commentator Pat Ryan talks with Patricia Tribe, a co-principal investigator of the Story Time from Space educational outreach program being conducted from the International Space Station. Station crew members videotape themselves reading books for children and the material is made available to schools and is posted on a public website, to emphasize the importance of reading as well as to enhance science literacy for students. For more information: http://storytimefromspace.com/ Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 11 18	NASA Johnson	https://youtu.be/BybUJYl0aVk	Space Station Live Station Fosters New Drug Therapies	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Ken Savin of Eli Lilly and Company about the company's drug research being done on the International Space Station. In its work to develop new drugs and improve drug delivery for patients on Earth, Lilly is one of many commercial interests that are taking advantage of the world's on-orbit science laboratory to do things that can't be done in the one gravity environment of Earth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 11 18	NASA Johnson	https://youtu.be/NecjpG1NVac	Benefits for Humanity Space is Our Business	For 15 years, the International Space Station has been human spaceflight's preeminent destination, with crew members conducting science from around the globe and opening doors to new prospects. The 2005 NASA Authorization Act designated the U.S segment of the ISS as a national laboratory, giving an open invitation to researchers to utilize the unique environment for their work. Since that time, entirely novel businesses have been created and a new economy is growing 250 miles above the surface of our planet. With a new generation of U.S. commercial spacecraft and rockets supplying cargo, and soon astronauts, to the space station, and a wide range of industries already getting tangible benefits from space-based research, human kind's ventures into outer space are full of opportunity. This is yet another way the orbiting laboratory is enabling research Off the Earth, For the Earth. For more information: http://www.nasa.gov/mission_pages/station/research/news/casis HD download link: https://archive.org/details/ISSBenefitsforHumanity _____ FOLLOW THE SPACE STATION!	Transcript Link
2015 11 13	NASA Johnson	https://youtu.be/tQ_eK5q2q0w	Space to Ground Tanks Up 11 13 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 11 12	NASA Johnson	https://youtu.be/BpCgHsYaA8U	Space Station Live We'll Get Back to You	NASA Commentator Lori Meggs talks with Larry Palinkas of the University of Southern California about dealing with communications problems that will face future explorers on missions beyond low Earth orbit. For the Communications Delay Assessment experiment now underway on the International Space Station, artificial delays in sending and receiving messages are put in place to simulate the delays that future explorers will experience as they go out into the solar system, where radio waves that travel at the speed of light will still take many minutes, each way, to reach their destinations. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 11 12	NASA Johnson	https://youtu.be/7DWzmq9e0Lw	NASA astronaut Kjell Lindgren plays Amazing Grace on the bagpipes	NASA astronaut Kjell Lindgren plays Amazing Grace on the bagpipes from the International Space Station. Kjell is a member of the Expedition 44/45 crew. Shot in UHD, 4k. HD download link: https://archive.org/details/Expedition45ResourceReel _____ Twitter: https://twitter.com/astro_kjell Instagram: https://www.instagram.com/astro_kjell	Transcript Link
2015 11 10	NASA Johnson	https://youtu.be/LrobW07DFk8	Space Station Live The Science of Slosh	NASA Commentator Amiko Kauderer talks with Jacob Roth, a co-principal investigator of the SPHERES Slosh experiment, which is investigating how fluids behave in weightlessness. Roth and his colleagues are making use of the SPHERES satellites, which were already on board the station for other science, to manipulate an instrumented container that records the movement of the fluid inside. The research is focused on improving our understanding of how propellants within rockets behave in order to improve the safety and efficiency of future fuel tank designs. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 11 10	NASA Johnson	https://youtu.be/cm3sN-wpLpE	Benefits for Humanity A Snapshot of Earth	Imagine bread loaf-sized satellites zipping around the Earth each day, imaging the globe and providing updates on the environment. Thanks to the International Space Station, this constellation of satellite image gathering has been made a reality. With the mission of photographing the majority of the Earth every day, Planet Labs created small satellites, individually referred to as Doves, to capture ground imagery for use in humanitarian, environmental and commercial applications. With the 2005 NASA Authorization Act designating the U.S segment of the station as a national laboratory, the space station drives growth of a robust commercial marketplace in space through endeavors like Planet Labs. The Earth-imaging mission of Planet Labs Dove satellites takes another leap toward creating benefits on Earth resulting from innovation in space. This is yet another way the orbiting laboratory is enabling research Off the Earth, For the Earth. For more information: http://www.nasa.gov/mission_pages/station/research/news/planet_labs HD download link: https://archive.org/details/ISSBenefitsforHumanity _____ FOLLOW THE SPACE STATION!	Transcript Link
2015 11 09	NASA Johnson	https://youtu.be/K1O4kgprsX8	Orion Backstage Episode 4 Oliver Juckenhöfel	Here's your backstage pass to go behind the scenes with NASA's Orion Program. Meet the people building the spacecraft that will take humans on the journey to Mars. In this episode, Oliver Juckenhöfel, head of the Orion Service Module program for Airbus Defence and Space, talks about the arrival of a structural representation of the European Service Module at NASA's Glenn Research Center in Ohio. Airbus is building the module, which will supply the spacecraft's power, in-space propulsion and air and water for the crew, on behalf of ESA (European Space Agency) for Orion. HD download link: https://archive.org/details/Orion-Backstage	Transcript Link
2015 11 06	NASA Johnson	https://youtu.be/69eIsLTZ3uQ	Space to Ground Happy Anniversary 11 06 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2015 11 04	NASA Johnson	https://youtu.be/Qe3DZQAQfcA	Monthly ISS Research Video Update for November 2015	See the highlights of recent research conducted on the International Space Station during October. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 11 04	NASA Johnson	https://youtu.be/izSYMrnDESY	Space Station Live 15 Years of Science Ops	NASA Commentator Lori Meggs talks with Denise Morris, a payload operations director at the International Space Station's Payload Operations Integration Center at the Marshall Space Flight Center, about the POIC's role managing science experiment activity on the station in the fifteen years since the arrival of the first expedition crew on orbit. Morris was a spacecraft communicator at the time, the voice of the science operations center to the first crews to inhabit the space station on a continuous basis. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 11 02	NASA Johnson	https://youtu.be/ObF0zVyQ_Xo	Space Station Live Top Benefits from the First 15 Years	On the fifteenth anniversary of the start of continuous human presence on the International Space Station, NASA Commentator Dan Huot talks with associate program scientist Dr. Tara Ruttley about the range of research encompassed in the more than 1700 experiments from 83 countries that have operated on the station so far. Ruttley discusses the top fifteen ways in which station science has been turning out results that benefit people on Earth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 11 02	NASA Johnson	https://youtu.be/zK-Rw_6SX_M	StationLIFE International Partnerships and Commercialization – November	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/station HD download link: https://archive.org/details/StationLIFE _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 11 02	NASA Johnson	https://youtu.be/4wRixEZWem8	The International Space Station A Musical	Gather 'round and listen to a little story about the International Space Station, humanity's home in orbit for 15 consecutive years. From humble beginnings as a lone Russian module, the space station grew to the size of a football field and has hosted over 200 people from 17 different countries. With more than 1700 scientific experiments already conducted, the orbiting laboratory is ready to keep pushing the boundaries of scientific knowledge and serve as the launching point for humanity's next steps into the solar system, including our journey to Mars. So sing along and learn about the biggest spaceship ever built as we celebrate 15 straight years of humans working off the Earth, for the Earth. www.nasa.gov/station15 HD Download link: https://archive.org/details/ISSBenefitsforHumanity _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ Web: www.nasa.gov/station	Transcript Link
2015 10 30	NASA Johnson	https://youtu.be/Dp8M9r8m4_c	Spacewalk Airlock Training	NASA engineers and technicians train in the International Space Station Airlock at Johnson Space Center's Space Vehicle Mockup Facility.	Transcript Link

2015 10 30	NASA Johnson	https://youtu.be/Qk2xoT_E8Uc	Space to Ground Home Improvements 10 30 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 29	NASA Johnson	https://youtu.be/317euw7huSU	Space Station Live Another American Record	NASA Commentator Rob Navias talks with former astronaut Michael Lopez-Alegria about Scott Kelly's new record for the longest spaceflight by an American astronaut. Today the International Space Station commander exceeded the mark of 215 days in space set by Lopez-Alegria when he was commander of Expedition 14 in 2006-2007. Lopez-Alegria talks about what NASA is learning from these long flights, both about the effects on the human body and about new technology, that's helping get us ready for future deep space exploration. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 26	NASA Johnson	https://youtu.be/G9Ojp4B-iys	3D Animation of Nov. 6 Spacewalk Activities	This 3D animation depicts the activities spacewalkers Scott Kelly and Kjell Lindgren will perform Nov. 6. The duo will return the port truss cooling system back to its original configuration after repair work completed back in 2012. More info... http://go.nasa.gov/1jEN4NL	Transcript Link
2015 10 26	NASA Johnson	https://youtu.be/uezBWff0wK8	3D Animation of Oct. 28 Spacewalk Activities	This 3D animation depicts the activities spacewalkers Scott Kelly and Kjell Lindgren will perform Oct. 28. The duo will service the Canadarm2 robotic arm, route cables for a future docking port and place a thermal cover over a dark matter detection experiment. More info... http://go.nasa.gov/1jEN4NL	Transcript Link

2015 10 25	NASA Johnson	https://youtu.be/dHgBYA4gEnQ	Hurricane Patricia off the West Coast of Mexico	This time-lapse video shows Hurricane Patricia and it's eye as the International Space Station flew over the Category 5 storm Friday.	Transcript Link
2015 10 23	NASA Johnson	https://youtu.be/pd7A-k7ic5Q	Space to Ground Station Sleep 10 23 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 21	NASA Johnson	https://youtu.be/2FxNCh9dAKE	Space Station Live Just the Stats, Ma'am	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks to Rob Ploutz-Snyder, a biostatistician at the Johnson Space Center whose job it is to help design experiments and then keep track of all of the data and statistics that the International Space Station crew members gather as participants in scientific research for NASA's Human Research Program. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 20	NASA Johnson	https://youtu.be/vsdOE7OJzJM	Monthly ISS Research Video Update for October 2015	See the highlights of recent research conducted on the International Space Station during October. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 10 19	NASA Johnson	https://youtu.be/akq1bdn_dIY	Space Station Live Doing Science in Their Sleep	NASA Commentator Amiko Kauderer talks with Dr. Laura Barger of Harvard Medical School, the principal investigator of the Sleep ISS-12 study now underway on the International Space Station. Barger's new study on the One Year Mission crew members is a follow-up to sleep research conducted on prior station and space shuttle flights, using information from sleep journals kept by the crew and data from a motion sensor worn on the wrist to learn about the quality and quantity of sleep for astronauts in space and how it impacts their health and performance. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 16	NASA Johnson	https://youtu.be/npkhnDBufRw	Space Station Live Fighting Cancer in Space	NASA Commentator Pat Ryan talks with Dr. Daniela Grimm and Dr. Markus Wehland about the Cellbox-Thyroid Cancer experiment recently conducted on the International Space Station. By conducting the experiment in a weightless environment scientists are able to see cells behave in ways that help them learn more about the nature of the cells and identify new biomarkers and target proteins to develop new cancer-fighting drugs. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 10 16	NASA Johnson	https://youtu.be/Y4d2WfjGMqU	Speed of Sound	On October 16, 2015, NASA astronaut Scott Kelly became the new record holder for most time in space by an American astronaut. He broke fellow astronaut Mike Fincke's mark of 382 days, and will extend that record well beyond 500 days by the end of his yearlong mission. Kelly and Russian cosmonaut Mikhail Kornienko are spending a year aboard the International Space Station, testing the limits of human research, space exploration and the human spirit. Learn more about their historic mission at www.nasa.gov/oneyear Music Credit Info: "SPEED OF SOUND" Written by Guy Rupert Berryman, Jonathan Mark Buckland, William Champion, and Christopher Anthony John Martin Courtesy of Universal Music - MGB Songs on behalf of Universal Music Publ. MGB Ltd. HD download link: https://archive.org/details/Speed-of-Sound _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 16	NASA Johnson	https://youtu.be/49wKRx05Rtg	Space to Ground Spacewalk Preps 10 16 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 10 15	NASA Johnson	https://youtu.be/tioUzyhs6a4	The Human Challenges of Mars Stress	There's no shortage of challenges on a mission to Mars, and all of them will push humanity's physical and mental endurance to the limit. Watch and learn about the hurdles facing future explorers of the Red Planet, and what NASA's Human Research Program is doing right now, on the ground and aboard the International Space Station, to clear them in time for humanity's next giant leap into the solar system. Learn more at www.nasa.gov/hrp Join the Journey to Mars at www.nasa.gov/journeytomars HD Download link: https://archive.org/details/HumanChallengesOfMars _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 14	NASA Johnson	https://youtu.be/BPvEAWWRfGs	Space Station Live The Space Inside the Station	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks to Sherry Thaxton, a human factors engineer at Johnson Space Center, about the Habitability investigation, which is collecting observations about the relationship between space station crewmembers and their environment, and whether a mission's duration impacts how much "space" crewmembers need. NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 14	NASA Johnson	https://youtu.be/d7OfjkexqmC	Orion Backstage Astronaut Mike Fincke	When astronauts come home in Orion from deep-space missions, they'll need a strategy for a safe and efficient exit. At NASA's Neutral Buoyancy Laboratory at the agency's Johnson Space Center in Houston, teams performed a series of tests in October 2015 to evaluate the most efficient way for astronauts to get out of the spacecraft after weeks or months away from Earth. Astronaut Mike Fincke participated in the testing, along with several other astronauts and engineers.	Transcript Link

2015 10 13	NASA Johnson	https://youtu.be/g701qIxrMlU	Space Station Live A MinION to Space Station	NASA Commentator Amiko Kauderer talks with Dr. Aaron Burton, principal investigator of the Biomolecule Sequencer technology demonstration on the International Space Station, which is providing proof-of-concept of the functionality and operability of a portable DNA sequencer in space. The device developed by Oxford Nanopore Technologies, called a MinION, is commercially available, but is now being certified for flight where it could help scientists learn more about how the human body responds to long periods of time in weightlessness, which will be required for crew members on future missions to Mars and other destinations in deep space.	Transcript Link
2015 10 13	NASA Johnson	https://youtu.be/HdjVVsaIL50	Why would astronauts need a rover on Mars	Logan Farrell, Robotics Engineer at NASA Johnson Space Center, talks about Space Exploration Vehicle (SEV), a habitable rover featuring technologies that could one day be used on a human mission to Mars. Farrell addresses that having a rover on Mars allows astronauts to explore larger areas over longer periods of time.	Transcript Link
2015 10 13	NASA Johnson	https://youtu.be/y_zvGnV-tn4	Espacio a Tierra - 12 de Octobre, 2015	'Espacio a Tierra' de la NASA te mantiene al tanto de lo que ocurre a bordo de la Estación Espacial Internacional.	Transcript Link

2015 10 09	NASA Johnson	https://youtu.be/bKk_7NIKY3Y	4K Video of Colorful Liquid in Space	Once again, astronauts on the International Space Station dissolved an effervescent tablet in a floating ball of water, and captured images using a camera capable of recording four times the resolution of normal high-definition cameras. The higher resolution images and higher frame rate videos can reveal more information when used on science investigations, giving researchers a valuable new tool aboard the space station. This footage is one of the first of its kind. The cameras are being evaluated for capturing science data and vehicle operations by engineers at NASA's Marshall Space Flight Center in Huntsville, Alabama. Read more on 4K in space: http://www.nasa.gov/mission_pages/station/research/news/red_epic_dragon_camera/ *To view in 4k, be sure to change resolution under "Settings" menu in YouTube viewer to "2160p 4k". (Video: NASA) HD download: https://archive.org/details/NASA-Ultra-High-Definition _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 09	NASA Johnson	https://youtu.be/crQ_iGm318U	Space to Ground Small Satellites 10 9 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2015 10 08	NASA Johnson	https://youtu.be/PC4_kkd1laU	The Human Challenges of Mars Radiation	There's no shortage of challenges on a mission to Mars where an invisible threat places humans in danger at all times. Watch and learn about the hurdles facing future explorers of the Red Planet, and what NASA's Human Research Program is doing right now, on the ground and aboard the International Space Station, to clear them in time for humanity's next giant leap into the solar system. Learn more at www.nasa.gov/hrp Join the Journey to Mars at www.nasa.gov/journeytomars HD Download link: https://archive.org/details/HumanChallengesOfMars _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 08	NASA Johnson	https://youtu.be/9SXJq_RP3V4	Space Station Live The Brain in Space	NASA Commentator Lori Meggs talks with Dr. Rachael Seidler of the University of Michigan, the principal investigator of the Neuromapping experiment on the International Space Station, talks about her research into how the human brain changes during a long mission in a weightless environment. Previous research has shown that astronauts returning from the space station have experienced changes in the brain in areas related to balance, movement, and cognition, and the current experiment seeks more data to better understand why the changes take place so specialists can try to prevent them from occurring.	Transcript Link
2015 10 08	NASA Johnson	https://youtu.be/YCyVdWXtlUE	John Charles talkMARS What would happen if we landed on Mars today	Dr. John Charles, Associate Manager for International Science at NASA Johnson Space Center, discusses what would happen to the human body if astronauts landed on Mars today. Dr. Charles presents an overview of some of the investigations of the One Year Mission and how they help us prepare for future deep-space exploration.	Transcript Link

2015 10 07	NASA Johnson	https://youtu.be/VGzsoB7Y06w	NASA is Good (Based off of Andy Grammer's "Honey, I'm Good.")	"NASA is Good" is an outreach video project created by interns at NASA's Johnson Space Center. It was based off of Andy Grammer's "Honey, I'm Good." to raise interest of the One-Year Mission aboard the International Space Station and the Pathways and Student Intern opportunities. The lyrics and scenes in the video have been re-imagined in order to inform the public about the amazing work going on at NASA and the Johnson Space Center. The video features many different people working at Johnson Space Center including current Pathways and Student Interns as well as former interns. "NASA is Good" shows what a great opportunity it can be to become a part of the Pathways or Student Intern programs by displaying how long each person has been working at NASA. NASA Astronaut Scott Kelly's one-year mission aboard the International Space Station is working to providing NASA with the answers to important questions about long duration space flight. Kelly has participated in many different experiments aboard the station to help us on Earth and to support our #JourneyToMars. Learn more about NASA: http://www.nasa.gov Learn more about the One-Year Mission: www.nasa.gov/oneyear Follow Scott Kelly on Twitter: https://twitter.com/stationcdrkelly Follow Scott Kelly on Instagram: https://instagram.com/stationcdrkelly/ Follow Scott Kelly on Facebook: https://www.facebook.com/pages/NASA-Astronaut-Scott-Kelly/131376260352637?ref=br_rs	Transcript Link
2015 10 06	NASA Johnson	https://youtu.be/Psy-AtTP3hw	'The Martian' Actress Mackenzie Davis Discusses Space Exploration	Mackenzie Davis talks about science and space exploration during a visit to NASA's Johnson Space Center in Houston.	Transcript Link
2015 10 06	NASA Johnson	https://youtu.be/6rByLGwcYN4	'The Martian' Actor Sebastian Stan Discusses Astronauts	Sebastian Stan talks about astronauts during a visit to NASA's Johnson Space Center in Houston.	Transcript Link

2015 10 06	NASA Johnson	https://youtu.be/1TzGSmTyFiA	ISS Benefits for Humanity Serving the World	A picture is worth a thousand words, but in the case of International Space Station imagery, a picture also may be worth a thousand lives. An imaging system aboard the station, ISS SERVIR Environmental Research and Visualization System (ISERV), captured photographs of Earth from space for use in developing countries affected by natural disasters This is yet another way the orbiting laboratory is serving humanity Off the Earth, For the Earth. To read more, visit: HD download link: https://archive.org/details/ISSBenefitsforHumanity _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 05	NASA Johnson	https://youtu.be/YIT2Up1imWs	NASA astronaut Peggy Whitson %23SuitUp Video	NASA astronaut Peggy Whitson demonstrates how to put on a spacesuit. It may seem a bit involved, but you have to think of the spacesuit as a single person spaceship, complete with oxygen, temperature control, power, communications, and even an emergency propulsion system. This sequence contains clips from video recorded on July 24, 2015 as Peggy prepared for an underwater training session at the Neutral Buoyancy Laboratory, a facility of Johnson Space Center, located in Houston TX. HD download link: https://archive.org/details/AstronautPeggyWhitsonSuitUpVideo _____ FOLLOW PEGGY WHITSON! Tumblr: http://astropeggy.tumblr.com/ Twitter: https://twitter.com/astropeggy Facebook: https://www.facebook.com/NASAastronautPeggyWhitson	Transcript Link
2015 10 05	NASA Johnson	https://youtu.be/9yPjAkd9dHw	Espacio a Tierra - 05 de octubre, 2015	‘Espacio a Tierra’ de la NASA te mantiene al tanto de lo que ocurre a bordo de la Estación Espacial Internacional.	Transcript Link

2015 10 02	NASA Johnson	https://youtu.be/PdFJViWm4jE	Space to Ground Cargo Traffic 10 2 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 10 01	NASA Johnson	https://youtu.be/tjK0toxT7z0	StationLIFE Brain in Space - October	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks about some of the studies taking a look at astronaut brains. Right now on station, we are studying how the unique stresses of the spaceflight environment affect astronauts' central nervous systems, with an eye toward reducing risks for future space exploration. This means looking at things like astronaut cognition, spaceflight effects on fatigue and reaction timing, motor control, quality of sleep, psychological health and more! Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/station HD download link: https://archive.org/details/StationLIFE _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 30	NASA Johnson	https://youtu.be/FudqalBElYo	Space Station Live Space Plants in a BRIC	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Sarah Swanson, a researcher at the University of Wisconsin-Madison, who has grown plants on the International Space Station inside a unique container called a BRIC – Biological Research in Canister. The experimenters hope that what they learn from the BRIC experiment can be used to help plants cope with the physical realities of a microgravity environment, where the lack of buoyancy-driven convection can cause low-oxygen conditions around the plant which impede its growth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 09 29	NASA Johnson	https://youtu.be/04IrZeQOpNI	The Human Challenges of Mars Balance and Coordination	There's no shortage of challenges on a mission to Mars, and some of the most difficult affect a system we can't redesign: the human body. Watch and learn about the hurdles facing future explorers of the Red Planet, and what NASA's Human Research Program is doing right now, on the ground and aboard the International Space Station, to clear them in time for humanity's next giant leap into the solar system. Learn more at www.nasa.gov/hrp Join the Journey to Mars at www.nasa.gov/journeytomars _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 28	NASA Johnson	https://youtu.be/fxnEKi7ItW4	What Makes Liquid Water on Mars Possible	Doug Archer, Planetary Scientist at NASA Johnson Space Center, talks about perchlorate salts, a compound that absorbs water on Mars. Archer addresses how perchlorate can serve as a valuable resource for human exploration missions to Mars in the future.	Transcript Link
2015 09 28	NASA Johnson	https://youtu.be/_4ELvaib0kg	Espacio a Tierra - 28 de septiembre, 2015	'Espacio a Tierra' de la NASA te mantiene al tanto de lo que ocurre a bordo de la Estación Espacial Internacional. _____ ¡CONECTA CON LA ESTACIÓN ESPACIAL! Twitter: http://www.twitter.com/nasa_es Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 25	NASA Johnson	https://youtu.be/fRW3GH1MeBs	Space to Ground Movie Night 9 25 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 09 24	NASA Johnson	https://youtu.be/Xy_zm8y6nwI	Expedition 46 47 scheduled for December launch	The December 15th launch of Expedition 46 / 47 will feature two space veterans, and one first time flyer to the International Space Station. NASA astronaut Tim Kopra returns to the station for a second time. Tim will become the station commander for Expedition 47. Veteran Russian cosmonaut Yuri Malenchenko will serve as commander of Soyuz TMA-19M. ESA astronaut Tim Peake will be the first British astronaut to visit the Space Station. This crew will spend six months on the station, with a schedule landing in May of 2016. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 24	NASA Johnson	https://youtu.be/bc13InB3hmc	Space Station Live Astro-omics in Space	NASA Commentator Amiko Kauderer talks with Dr. Graham Scott, the chief scientist at the National Space Biomedical Research Institute, about how genetics research and the Twins study now underway on the International Space Station could contribute to keeping future space explorers safer on trips to Mars or other destinations in deep space. The investigation using Commander Scott Kelly and his twin brother as subjects is a first of its kind "astro-omics" study that may help develop precision medicine-based countermeasures to aid crew members on trips beyond low Earth orbit.	Transcript Link
2015 09 24	NASA Johnson	https://youtu.be/z43cNmfKUsc	How the Human Body's Immune System Responds in Microgravity	Many factors alter the human body's immune system during spaceflight. Learn what they are and how scientists are working to understand exactly what parts of the immune system are altered.	Transcript Link

2015 09 23	NASA Johnson	https://youtu.be/9MfWARdoF-o	Space Station Live Cultivating Plant Growth in Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks to researchers Robert Ferl and Anna-Lisa Paul of the University of Florida about their Advanced Plant experiments on the International Space Station, in which they have already learned a great deal—and gotten some interesting surprises—about how plants grow in space. The ability to grow food in space will be very important to support future missions beyond low Earth orbit into deep space Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 21	NASA Johnson	https://youtu.be/pV0gxHsxw5Y	Espacio a Tierra - 21 de Septiembre, 2015	'Espacio a Tierra' de la NASA te mantiene al tanto de lo que ocurre a bordo de la Estación Espacial Internacional. _____ ¡CONECTA CON LA ESTACIÓN ESPACIAL! Twitter: http://www.twitter.com/nasa_es Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/ _____ English: https://www.youtube.com/watch?v=2NHYmVZAXC0	Transcript Link
2015 09 20	NASA Johnson	https://youtu.be/hGdQnUUuwy0	Fruits of our Labor	The International Space Station is paving our way to Mars as the only microgravity laboratory in which long-duration investigations can take place. See for yourself at: https://www.youtube.com/watch?v=XNEWihFe_CA	Transcript Link

2015 09 20	NASA Johnson	https://youtu.be/XNEWihFe_CA	Space Station Stories Fruits of our Labor	In the next chapter of Space Station Stories, we explore the station's role as a one-of-a-kind laboratory in Earth orbit. The International Space Station is paving our way to Mars as the only microgravity laboratory in which long-duration investigations can take place. From understanding how the human body reacts to long-term spaceflight to testing critical systems for Mars missions, the space station is a crucial stepping stone to deep-space exploration. This unique scientific platform continues to enable researchers from all over the world to put their talents to work on innovative experiments that could not be done anywhere else. Although each space station partner has distinct agency goals for station research, each partner shares a unified goal to extend the resulting knowledge for the betterment of humanity. Space Station Stories takes you inside the technological marvel that is the International Space Station. Humanity's home in low Earth orbit since 1998, the station continues to be a platform for new discoveries, preparing us for the journeys of tomorrow while benefiting the world of today. HD download link: https://archive.org/details/SpaceStationStories _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link
2015 09 18	NASA Johnson	https://youtu.be/2NHYmVZAXC0	Space to Ground Halfway There 9 18 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 17	NASA Johnson	https://youtu.be/qmYxHkFBGw8	Space Station Live Halfway Mark - Human Research	Dr. John Charles, Associate Manager for Human Research Program, discusses ongoing research on the effects of space flight on the human body during the One-Year mission.	Transcript Link

2015 09 16	NASA Johnson	https://youtu.be/4DrztPY2Zws	Space Station Live Halfway Mark - One-Year Payloads	Lori Meggs discusses the One-Year mission payloads with payload managers Becky Grimaldi and Stephanie Dudley at Marshall Space Flight Center's Payload Operations Integration Center.	Transcript Link
2015 09 16	NASA Johnson	https://youtu.be/JCJj-1e3LM0	Space Station Live Interview ISS Program Manager Kirk Shireman	NASA's new International Space Program Manager Kirk Shireman spent seven years as deputy station program manager and the past couple of years in the management ranks here at Johnson Space Center. He discusses what it is like to come back into the program at this point. Just last week we had nine crew members on board representing five countries; he comments on the international cooperation part of this program. Yesterday being the halfway point for Scott Kelly and Mikhail Kornienko's One Year Mission; Mr. Shireman's assessment of their progress to this point. The station serving to promote the commercialization of space research and space-related industries; he discusses some of the exciting new things coming up. Mr. Shireman discusses what he is most looking forward to in the years to come for station.	Transcript Link
2015 09 15	NASA Johnson	https://youtu.be/AzYxGcblPF4	Monthly ISS Research Video Update for August 2015	See the highlights of recent research conducted on the International Space Station during August. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 14	NASA Johnson	https://youtu.be/FUxDpYTUk5g	Orion Backstage with Astronaut Vic Glover	Here's your backstage pass to go behind the scenes with the Orion Spacecraft Program. Meet the people building the spacecraft that will take humans to Mars.	Transcript Link

2015 09 14	NASA Johnson	https://youtu.be/BWbqTdj5hRg	A Year in Space Featuring Billy Dee Williams	Right now, two humans are pushing the limits of our knowledge on how to survive in space. Leaving their homes behind for a year, American Scott Kelly and Russian Mikhail Kornienko are working aboard the International Space Station to help scientists better understand how the human body reacts and adapts to the harsh environment of space for extreme lengths of time. Featuring the voice of acting great Billy Dee Williams, follow along with this real-life space odyssey, searching for answers that will one day put human footprints on Mars and beyond. Learn more at www.nasa.gov/oneyear HD download link: https://archive.org/details/One-Year-Crew_Resource-Reel Narrator - Billy Dee Williams Writer/Producer/Editor - Jason Clemons Sound Mixer - Greg Wiseman Video footage provided by: National Aeronautics and Space Administration Pond 5 Videoblocks Archive.org Music by Joe Dickinson Music	Transcript Link
2015 09 12	NASA Johnson	https://youtu.be/amsVtQLBLNI	Astronaut at a Glance Scott Tingle	A short autobiographical summary of Scott Tingle. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 09 12	NASA Johnson	https://youtu.be/tLt6UwK66O4	Astronaut at a Glance Jeanette Epps	A short autobiographical summary of Jeanette Epps. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link

2015 09 12	NASA Johnson	https://youtu.be/xNTQs4znLWM	Astronaut at a Glance Serena Aunon	A short autobiographical summary of Serena Aunon. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 09 11	NASA Johnson	https://youtu.be/-JuBDX8JRBQ	Space to Ground Full House 9 11 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 10	NASA Johnson	https://youtu.be/Gj_SzDHWBz8	Space Station Live On the Shoulders of Giants	NASA Commentator Dan Huot talks with astronaut Peggy Whitson about her NASA Village campaign, highlighting the employees behind the scenes helping to train and prepare her for her upcoming mission, along with their own personal stories of inspiration and commitment to spaceflight goals. The two-time International Space Station crew member (she was the first NASA ISS Science Officer and the first woman to be station commander) is inviting the public to share the adventure on Facebook, Twitter and Tumblr.	Transcript Link
2015 09 09	NASA Johnson	https://youtu.be/5Gp1zBcIy88	Space Station Live Gauging How Well They Work	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Jacob Bloomberg, principal investigator of the Functional Task Test experiment, about how scientists are working to understand how well an astronaut can do simple tasks during and after a prolonged period in weightlessness. The experiment aims to develop countermeasures that will permit an astronaut on a long space mission, such as a trip to Mars and back, to perform critical tasks despite the impact to their physiology that comes from spending a long period in the absence of gravity.	Transcript Link

2015 09 04	NASA Johnson	https://youtu.be/0zA2z4yI02I	Orion Backstage with Ray Zibilich	Here's your backstage pass to go behind the scenes with the Orion Spacecraft Program. Meet the people building the spacecraft that will take humans to Mars.	Transcript Link
2015 09 04	NASA Johnson	https://youtu.be/0TDZX8r9DRw	Expedition 45 Visiting Crew Docks to the Space Station	After launching in their Soyuz TMA-18M spacecraft from the Baikonur Cosmodrome in Kazakhstan on Sept. 2, Kazakh time, Expedition 45 Soyuz Commander Sergey Volkov of the Russian Federal Space Agency (Roscosmos) and visiting crew members Andreas Mogensen of the European Space Agency and Aidyn Aimbetov of the Kazakh Space Agency (Kazcosmos) arrived at the International Space Station on Sept. 4 following a 34-orbit, two-day rendezvous. They docked their craft to the Poisk module on the Russian segment of the complex. A few hours after docking, Volkov, Mogensen and Aimbetov opened hatches and were greeted by station Commander Gennady Padalka of Roscosmos, NASA Flight Engineers Scott Kelly and Kjell Lindgren, Flight Engineer Kimiya Yui of the Japan Aerospace Exploration Agency and Russian Flight Engineers Mikhail Kornienko and Oleg Kononenko. As the hatches were opened, the families of the newly arrived crew members and Russian, European and Kazakh officials viewed the activities from the Russian Mission Control Center in Korolev, outside Moscow. FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 04	NASA Johnson	https://youtu.be/VexO24Q0omM	Space to Ground Then There Were Nine 9 4 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 09 03	NASA Johnson	https://youtu.be/MJ98dgf9Mwg	Space Station Live Orbiting Astronaut to Drive Earth Robot	NASA Commentator Crawford Jones talks with Dr. Andre Schiele, the head of the ESA (European Space Agency) Telerobotics and Haptics Laboratory and the principal investigator of the Interact experiment, about the plans for a first of its kind operation from the International Space Station. Danish astronaut Andreas Mogenson will use a special joystick in the Columbus module to perform the first force-feedback-based teleoperation of a rover-based robotic arm system on Earth, getting tactile force feedback from the ground through the joystick to perform a mechanical assembly task with extremely tight clearances. Such a system could permit astronauts orbiting a planet to control robots on the surface, or people on Earth to drive robots in areas too dangerous for people to go themselves. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 09 03	NASA Johnson	https://youtu.be/ALKhJ3T9H14	It Takes a NASA Village to Make a Space Mission Successful	NASA astronaut Peggy Whitson introduces her NASA Village campaign, which will highlight the talented and diverse NASA work force preparing her for a six month mission to the International Space Station. By sharing the stories of the people making spaceflight possible, the public will gain insight on the variety of jobs and people that play critical roles in spaceflight, and hopefully inspire a younger generation to share their talents with the NASA team someday. _____ FOLLOW PEGGY WHITSON! Tumblr: http://astropeggy.tumblr.com/ Twitter: https://twitter.com/astropeggy Facebook: https://www.facebook.com/NASAastronautPeggyWhitson HD download link: https://archive.org/details/ItTakesANASAVillageToMakeASpaceMissionSuccessful.	Transcript Link

2015 09 03	NASA Johnson	https://youtu.be/-3fYlBadTJU	ISS Benefits for Humanity From NASA to Napa	From the microgravity environment aboard the International Space Station to the microclimates of Napa Valley, station research impacts many different industries on Earth. The latest video in the Benefits for Humanity series illustrates how solutions for growing crops in space translates to solutions for mold prevention in the wine cellars and other confined spaces of Earth. As NASA plans the Journey to Mars, astronauts will need the capability to grow their own food. Scientists studying crop growth aboard the space station noticed a buildup of a naturally-grown hormone called ethylene within the confined plant growth chambers that was destroying the plants. Through collaboration with the University of Wisconsin, researchers developed an ethylene removal system, called Advanced Astroculture (ADVASC), which was successfully tested on a number of space station missions. It helped to keep the plants alive while also removing viruses, bacteria and mold from the plant growth chamber. This is yet another way the orbiting laboratory is enabling research Off the Earth, For the Earth. To read more, visit: http://www.nasa.gov/mission_pages/station/research/news/ADVASC HD download link: https://archive.org/details/ISSBenefitsforHumanity	Transcript Link
2015 09 02	NASA Johnson	https://youtu.be/O3NrMbaEPi4	Space Station Live A Call to Arms for T-cells	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Millie Hughes-Fulford about her research into fighting the suppression of the human immune system in space. Hughes-Fulford has been studying T-cell activation ever since her flight into space as a payload specialist on space shuttle mission STS-40.	Transcript Link

2015 09 01	NASA Johnson	https://youtu.be/WiQK27MjqGo	StationLIFE Biology – September	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks the station's role as a platform for biological research. Biological research, encompassing cells, plants, animals, genetics, biochemistry, human physiology, etc., and biotechnology (technology based on biology), harnesses cellular and biomolecular processes to develop technologies and products that can translate to improving our lives and the health of our planet. Examples of the benefits from this research include: combating diseases, reducing our environmental footprint, feeding the world's population, and developing cleaner energy. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/station HD download link: https://archive.org/details/StationLIFE _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link
2015 08 31	NASA Johnson	https://youtu.be/OoL0ZALSuPI	Stronger Together	It's amazing what is possible when 15 nations come together for an enterprise that is bigger than themselves. An international partnership of space agencies from the United States, Russia, Europe, Japan, and Canada have worked together for 15 years on the most politically complex space exploration program ever undertaken, the International Space Station.	Transcript Link
2015 08 28	NASA Johnson	https://youtu.be/vQiY3DuGv5g	Launch Preparations for Expedition 45 Continues	At the Baikonur Cosmodrome in Kazakhstan, Expedition 45 Soyuz Commander Sergei Volkov of the Russian Federal Space Agency (Roscosmos) and visiting crew members Andreas Mogensen of the European Space Agency (ESA) and Aidyn Aimbetov of the Kazakh Space Agency (Kazcosmos) continued their preparations for launch to the International Space Station, with a final fit check in their Soyuz TMA-18M spacecraft. Volkov, Mogensen and Aimbetov are set to launch on Sept. 2, Kazakh time. Volkov will spend six months on the station, while Mogensen and Aimbetov will be on board the station for just eight days. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 08 28	NASA Johnson	https://youtu.be/pmnvj24pfz8	Space to Ground The Stork Arrives 8 28 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 27	NASA Johnson	https://youtu.be/Oy6bCbMMktg	Space Station Live What Happens When You Move a Soyuz	On the eve of the next relocation of a Soyuz spacecraft at the International Space Station, NASA Commentator Crawford Jones talks with Luca Parmitano, a European Space Agency (ESA) astronaut who performed the last such maneuver, in November of 2013. Parmitano discusses the preparations for a twenty minute flight to move the crew capsule from one docking port on the station to another, and the sight of the station from close range as seen during the short trip. Three members of the Expedition 44 crew will suit up to move their Soyuz vehicle early tomorrow, August 28. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 26	NASA Johnson	https://youtu.be/6trQ6TROjg8	Next Station Crew Arrives in Baikonur	Expedition 45 Soyuz Commander Sergei Volkov of the Russian Federal Space Agency (Roscosmos) and visiting crew members Andreas Mogensen of the European Space Agency (ESA) and Aidyn Aimbetov of the Kazakh Space Agency (Kazcosmos) arrives at the Baikonur Cosmodrome in Kazakhstan on August 18, as they prepared for the launch to the International Space Station in the Soyuz TMA-18M spacecraft on Sept. 2, Kazakh time. The crew also conducted their initial Soyuz fit check in the Cosmodrome Integration Facility. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 08 26	NASA Johnson	https://youtu.be/_gBBUWgn2iU	Space Station Live OPALS is a Real Gem	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Matt Abrahamson at NASA's Jet Propulsion Laboratory about an International Space Station experiment that could change the way data is transmitted from space to Earth. The Optical Payload for Lasercomm Science, or OPALS, is a technology demonstration to improve and increase the amount of science data that can be transmitted to researchers using lasers instead of radio waves. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 26	NASA Johnson	https://youtu.be/ad9UW_oVq9Y	Engineers Complete Dramatic Test of Orion's Parachute System	NASA's successfully completed Aug. 26 a dramatic test of the Orion spacecraft's parachute system. A test version of Orion touched down in the Arizona desert after a planned failure of two of its parachutes used to stabilize and slow the spacecraft for landing. During the test, a C-17 aircraft dropped a representative Orion capsule from its cargo bay at an altitude of 35,000 feet, or more than 6.5 miles, in the skies above the U.S. Army Yuma Proving Ground in Yuma, Arizona. The engineering model, which has a similar mass and interfaces with the parachute system as the Orion being developed for deep space missions, then began its parachute deployment sequence. Engineers purposefully simulated the failure of one of its two drogue parachutes, used to slow stabilize Orion in the air, and one of its three main parachutes, used to slow the crew module to landing speed, did not deploy. The airdrop test was the penultimate evaluation as part of an engineering series before tests begin next year to qualify the parachute system for crewed flights.	Transcript Link
2015 08 26	NASA Johnson	https://youtu.be/lU4yfD84R3o	Micro-g NExT Opportunity	NASA Astronaut Tracy Caldwell Dyson invites undergraduate students to take part in Microgravity Neutral Buoyancy Experiment Design Teams (Micro-g NExT). Micro-g NExT challenges student teams to design, build, and test a tool or device that addresses an authentic, current space exploration problem. More information can be found at https://microgravityuniversity.jsc.nasa.gov/ .	Transcript Link

2015 08 25	NASA Johnson	https://youtu.be/7mGv9lfrg_c	Space Station Live Space-Proven Air Scrubber	NASA Commentator Pat Ryan talks with Dr. Jeffrey Sweterlitsch of the Crew and Thermal Systems division at NASA's Johnson Space Center about the Amine Swingbed, a carbon dioxide removal system designed for use on the new Orion spacecraft that has gotten its first checkout in space on the International Space Station. Amine Swingbed now functions as back-up system to the station's primary CO2 removal system, and is an example of how the station has been used as a testbed for new technologies that will support future space exploration efforts. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 24	NASA Johnson	https://youtu.be/V6i7-XTe4XU	Monthly ISS Research Video Update for July 2015	See the highlights of recent research conducted on the International Space Station during July. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 24	NASA Johnson	https://youtu.be/nJupdzLR9Fk	A Moment with Sergey Volkov	A moment with Sergey Volkov. HD download link: https://archive.org/details/Expedition45ResourceReel	Transcript Link
2015 08 21	NASA Johnson	https://youtu.be/PRMvRkqPbIE	Space to Ground HTV-5 Launch 8 21 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 08 20	NASA Johnson	https://youtu.be/YLWK4dNEuBc	Space Station Live Orion Parachutes Ready for the Test	NASA Commentator Pat Ryan talks with Chris Johnson, the Orion Capsule Parachute Assembly System project manager, about the parachute tests to be conducted August 26 at the U.S. Army's Yuma Proving Grounds in Arizona. An engineering model of NASA's next human spacecraft will be dropped from a plane at 35,000 feet to evaluate how it fares when the parachute system does not work as planned—this test involves planned failures of one drogue parachute and one main parachute. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 19	NASA Johnson	https://youtu.be/HouJPqYG5E4	Space Station Live Update on 3-D Printing in Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Jason Dunn of Made in Space about the latest developments on the 3-D printer on the International Space Station. Several of the items previously manufactured on board the station are being analyzed as plans are made for building tools that will assist astronauts on this space station, which could bring us closer to building the tools that future astronauts will need on a journey to Mars. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 19	NASA Johnson	https://youtu.be/MCiRuTkIkhw	Space Station Live Cosmic Ray Detector for ISS	NASA Commentator Pat Ryan talks with Dr. John Wefel of Louisiana State University about the Calorimetric Electron Telescope (CALET), an astrophysics mission that will search for signatures of dark matter and provide the highest energy direct measurements of the cosmic ray electron spectrum. Wefel is a co-investigator on CALET, which is being carried to the International Space Station on the Japanese supply ship that launched from the Tanegashima Space Center in southern Japan Wednesday morning, U.S. time, and which will be installed on the Kibo module's Exposed Facility to search for high energy cosmic rays. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 08 18	NASA Johnson	https://youtu.be/c95LS6Y2LTo	Visiting Soyuz Crew Departs For Kazakhstan	Expedition 45 Soyuz Commander Sergei Volkov of the Russian Federal Space Agency (Roscosmos) and visiting crew members Andreas Mogensen of the European Space Agency (ESA) and Aidyn Aimbetov of the Kazakh Space Agency (Kazcosmos), and their backups, Oleg Skripochka and Sergei Prokopyev of Roscosmos and Thomas Pesquet of ESA participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia, outside Moscow on August 18. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete their training for the launch of Volkov, Mogensen and Aimbetov on Sept. 2, Kazakh time, in the Soyuz TMA-18M spacecraft to the International Space Agency. FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 14	NASA Johnson	https://youtu.be/AJqzuyOr8ec	Space Station Live Kid Engineers Program Space Satellites	Space science joins education at NASA's Johnson Space Center, where seven teams of middle school students gathered to watch their work put into practice on board the International Space Station. NASA Commentator Dan Huot talks with some of the students who wrote program code to command the activities of free-floating satellites on board the station while the student teams watched the live television downlink of the execution of their plans on board the station. FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 14	NASA Johnson	https://youtu.be/6IP-Tx6yZIs	Space Station Live White Stork Ready to Fly	NASA Commentator Amiko Kauderer talks with NASA's Royce Renfrew, the lead flight director for the next mission of a Japanese cargo vehicle, about next week's flight of the Kounotori (White Stork) transfer vehicle to the International Space Station. The fifth flight of an H-II Transfer Vehicle, the Japan Aerospace Exploration Agency's vehicle to carry supplies and science hardware to the station, is targeted for launch from the Tanegashima Space Center in southern Japan no earlier than next Monday morning, U.S. time, and will deliver more than four and a half tons of water, spare parts and science hardware to orbit. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 08 14	NASA Johnson	https://youtu.be/usXM4qnzhT8	Space to Ground Space Veggie 8 14 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 14	NASA Johnson	https://youtu.be/GeBqMANGtmI	Space Station Live Killing Bugs in Space	NASA Commentator Lori Meggs talks with Luis Zea, a scientist at BioServe Space Technologies, about efforts to use the weightless environment of the International Space Station to better understand how and why certain bacteria are resistant to antibiotics. The problem of drug-resistant bacteria on Earth gets worse every year, and scientists are taking advantage of the space station to advance their knowledge as they fight the so-called superbugs. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 13	NASA Johnson	https://youtu.be/HDEwt24mxf0	Preparing America for Deep Space Exploration Episode 10 Constructing the Future	Between April and June 2015, NASA's Explorations Systems Development programs continued to make progress developing and building the Space Launch System rocket, Orion spacecraft and the ground systems needed to launch them on deep space missions to new destinations in the solar system. HD download link: https://archive.org/details/Exploring-Deep-Space-Constructing-The-Future	Transcript Link

2015 08 13	NASA Johnson	https://youtu.be/RqtAK-FBtXU	Space in 4K - First Lettuce Grown and Eaten in Space	For the first time ever, fresh food grown in the microgravity environment of space is on the menu for NASA astronauts aboard the International Space Station. Expedition 44 crew members Scott Kelly, Kjell Lindgren and Kimiya Yui sampled the red romaine lettuce which was grown as part of the Veggie experiment after it had spent 33 days growing aboard the station. NASA is maturing Veggie technology aboard the space station to provide future pioneers with a sustainable food supplement – a critical part of NASA's Journey to Mars. As NASA moves toward long-duration exploration missions farther into the solar system, Veggie will be a resource for crew food growth and consumption. It also could be used by astronauts for recreational gardening activities during deep space missions. The higher resolution images and higher frame rate 4K videos can reveal more information when used on science investigations, giving researchers a valuable new tool aboard the space station. For more on Veggie, visit: http://www.nasa.gov/mission_pages/station/research/news/meals_ready_to_eat Full Resolution Download: https://archive.org/details/NASA-Ultra-High-Definition Music: Dexter Britain - Slow Motion Strut Version Two	Transcript Link
2015 08 12	NASA Johnson	https://youtu.be/BHyNkm3g5ls	Space Station Live A First for Space Lettuce	Dr. Gioia Massa, the principal investigator of the Veggie experiment, discusses the past, present and future of an exciting technology demonstration project on the International Space Station. This week station crew members harvested the second crop of space-grown lettuce, and for the first time they ate some of the harvest. The Veggie portable greenhouse is a proof of concept effort to advance the ability for future deep space explorers to grow some of their own food on missions well beyond low Earth orbit. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 08 11	NASA Johnson	https://youtu.be/Yp6zLISoT0k	Astronauts Take First Bites of Space-Grown Lettuce	That's one small bite for a man, one giant leaf for mankind. Fresh food grown in the microgravity environment of space officially is on the menu for the first time for NASA astronauts on the International Space Station. Astronauts Scott Kelly, Kjell Lindgren and Kimiya Yui of Japan sample the fruits of their labor after harvesting a crop of "Outredgeous" red romaine lettuce from the Veggie plant growth system on the International Space Station. Details: http://www.nasa.gov/mission_pages/station/research/news/meals_ready_to_eat _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 07	NASA Johnson	https://youtu.be/K_YepwuXBIs	Space Station Live Expedition 44 Midterm Report	NASA Commentator Dan Huot talks with Jorge Sotomayor, the Expedition 44 lead increment scientist, about some of the highlights of recent science research on the International Space Station, including the upcoming first-ever crew consumption of lettuce grown on orbit in the Veggie compact greenhouse, mobility testing of the Robonaut robotic crew member, and the deployment of a flock of Earth-observing satellites. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 07	NASA Johnson	https://youtu.be/KobWN_xPs64	Space to Ground The Eye of Soudelor 8 07 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 08 06	NASA Johnson	https://youtu.be/c1Gxn_nfgWA	Space Station Live Lettuce Look at Veggie	As the International Space Station crew gets ready for the first on-orbit tasting of space-grown lettuce, NASA Commentator Lori Meggs talks with Paul Zamprelli of Orbitec, the company that developed the Veggie greenhouse. This compact hardware was developed with an eye toward supporting future deep space missions beyond Earth orbit, to provide those crew members with a way to grow some of their own food. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 06	NASA Johnson	https://youtu.be/KdgVdbQC-5Y	Space Station Live Spacewalk Preview	NASA Commentator Dan Huot talks with spacewalk specialist Devan Bolch about the work planned for a spacewalk on Monday, Aug. 10, by International Space Station Commander Gennady Padalka and Flight Engineer Mikhail Kornienko. The cosmonauts are scheduled for a six-hour spacewalk around the Zvezda module of the station to advance Russian science objectives and perform needed maintenance tasks. The last Russian spacewalk on the ISS was performed in October, 2014. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 04	NASA Johnson	https://youtu.be/YwUBPe5yeHE	Space Station Live Prepping a Personal Spacecraft	NASA Commentator Dan Huot talks with Spacewalk Officer Alex Kanelakos about the recent repairs done to get an American spacewalking suit that was not designed to be repaired in weightlessness back in service. Extravehicular Mobility Unit 3011 had been scheduled to be brought back to Earth for servicing of the fan pump separator, but the Dragon cargo ship slated to retrieve it didn't reach the station so on orbit repairs were necessary to get the suit ready for use. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 08 04	NASA Johnson	https://youtu.be/5kRzPaCqK1g	Space Station Live Putting Tools to the Test	NASA Commentator Nicole Cloutier-Lemasters talks with Trinesha Dixon, one of the program coordinators for the educational program Micro-g NExT (Micro-g Neutral Buoyancy Experiment Design Teams), which is hosting its second test week of the summer at NASA's Neutral Buoyancy Laboratory in Houston. Eleven teams of college students that designed spacewalking tools are getting a chance to try them out in tests conducted with NASA engineers, and to learn about the real life world of research and development in the space program. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 08 03	NASA Johnson	https://youtu.be/RXz6ib97QAI	StationLIFE Exploration Technologies – August	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks the station's role as a platform for testing the technologies that will allow humans to travel to deep space destinations like Mars. The mission of the International Space Station Program is to advance science research, expand human knowledge, inspire and educate the next generation, foster the commercial development of space and demonstrate technology capabilities to enable future exploration missions beyond low Earth orbit. ISS serves as a critical test bed for verifying a variety of technologies, systems, and materials that will be needed for future long-duration exploration missions, including our journey to Mars. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/station HD download link: https://archive.org/details/StationLIFE _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link
2015 07 31	NASA Johnson	https://youtu.be/UcTb7Z9zu1o	Space to Ground Space Gardening 7 31 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 07 30	NASA Johnson	https://youtu.be/vlQXr64dsmU	Space Station Live From Underwater, The NEEMO Commander	In the midst of a 20-day mission on the Aquarius underwater laboratory, ESA (European Space Agency) astronaut Luca Parmitano talks with NASA Commentator Pat Ryan about the NEEMO (NASA Extreme Environment Mission Operations) mission he is commanding. Parmitano and five crewmates are using the underwater laboratory to simulate being in space away from Earth, testing spacewalking tools and techniques, protocols for communications during periods of long transmission delays, and assessing other new hardware being developed for use on future missions into deep space. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 07 29	NASA Johnson	https://youtu.be/9k-yeH1Nj6c	Space Station Live Astronaut T.J. Creamer Leaves the POD	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with NASA astronaut T.J. Creamer about his work on the International Space Station during Expeditions 22/23, his job for the last three years as a Payload Operations Director, and his newest endeavor as he moves to the Orion Program. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 07 27	NASA Johnson	https://youtu.be/Vx0kvxqgC1c	4K Camera Captures Riveting Footage of Unique Fluid Behavior in Space Laboratory	Astronauts on the International Space Station dissolved an effervescent tablet in a floating ball of water, and captured images using a camera capable of recording four times the resolution of normal high-definition cameras. The higher resolution images and higher frame rate videos can reveal more information when used on science investigations, giving researchers a valuable new tool aboard the space station. This footage is one of the first of its kind. The cameras are being evaluated for capturing science data and vehicle operations by engineers at NASA's Marshall Space Flight Center in Huntsville, Alabama. Read more: http://www.nasa.gov/mission_pages/station/research/news/red_epic_dragon_camera *To view in 4k, be sure to change resolution under "Settings" menu in YouTube viewer to "2160p 4k". (Video: NASA) HD download: https://archive.org/details/NASA-Ultra-High-Definition _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS	Transcript Link

2015 07 24	NASA Johnson	https://youtu.be/3n6ywp858FY	Space to Ground New Crew Arrives 7 24 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 07 23	NASA Johnson	https://youtu.be/nnLf-g2GP1I	New Crew Joins Expedition 44	NASA astronaut Kjell Lindgren, Oleg Kononenko of the Russian Federal Space Agency (Roscosmos) and Kimiya Yui of the Japan Aerospace Exploration Agency (JAXA) joined their Expedition 44 crewmates when the hatches between the Soyuz TMA-17M spacecraft and the International Space Station officially opened at 12:56 a.m. EDT. Expedition 44 Commander Gennady Padalka of Roscosmos, as well as Flight Engineers Scott Kelly of NASA and Mikhail Kornienko of Roscosmos welcomed the new crew members aboard their orbital home. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 07 23	NASA Johnson	https://youtu.be/Hrwuaj2kiZc	Expedition 44 Docks to the Space Station	After launching earlier in the day from the Baikonur Cosmodrome in Kazakhstan, Expedition 44 Soyuz Commander Oleg Kononenko along with flight engineers Kjell Lindgren and Kimiya Yui arrived at the International Space Station on July 23 following a four-orbit, six-hour rendezvous. They docked their craft to the Rassvet module on the Russian segment of the complex. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 07 23	NASA Johnson	https://youtu.be/6R5rx7ZS-tA	Space Station Live Next Man Up	Just days before his launch from the Baikonur Cosmodrome, NASA Astronaut Kjell Lindgren talks with NASA commentator Pat Ryan about the training for his flight, launch day activities, and what he's looking forward to during his six-month mission to the International Space Station. The interview was conducted Jul. 7, 2015, from Star City, Russia. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 07 23	NASA Johnson	https://youtu.be/M_4YrfOFNmc	Space Station Live Not Immune to Microbes	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Alexander Voorhies, a genetics researcher at the J. Craig Venter Institute, about a study gathering data on the types of organisms that are on the skin and in the gastrointestinal tracts of the crew members on the International Space Station, and how those microbes affect the immune systems. What researchers are learning in this experiment could have an impact on long duration missions and on people on Earth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 07 22	NASA Johnson	https://youtu.be/WbQbt2PfOvA	Expedition 44 Launches to the Space Station	Expedition 44 Soyuz Commander Oleg Kononenko of Roscosmos, NASA Flight Engineer Kjell Lindgren and Flight Engineer Kimiya Yui of JAXA launched on the Russian Soyuz TMA-17M spacecraft on July 23, Kazakh time from the Baikonur Cosmodrome in Kazakhstan to begin a six-hour journey to the International Space Station and the start of a five-month mission. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 07 20	NASA Johnson	https://youtu.be/DrQQgc9z6Bs	A Moment with Oleg Kononenko	A moment with Oleg Kononenko. HD download link: https://archive.org/details/Expedition44ResourceReel	Transcript Link
2015 07 20	NASA Johnson	https://youtu.be/KzXnLcNmhjI	Final Preparations Underway for Expedition 44 Launch	Final preparations are underway at the Baikonur Cosmodrome in Kazakhstan for the launch of Soyuz TMA-17M Commander Oleg Kononenko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Kjell Lindgren and Flight Engineer Kimiya Yui of the Japan Aerospace Exploration Agency to the International Space Station on July 23, Kazakh time. The crew conducted a final inspection of the Soyuz spacecraft on July 17th, with the mating of the booster's stages occurring on July 19th. The spacecraft and its booster were moved to the launch pad on a railcar on July 20th.	Transcript Link

2015 07 17	NASA Johnson	https://youtu.be/I4mm4ENBGuA	Space to Ground New Horizons 7 17 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 07 15	NASA Johnson	https://youtu.be/9SeE8It9r18	Expedition 44 Crew Prepares for Launch in Kazakhstan	Expedition 44 Soyuz Commander Oleg Kononenko of the Russian Federal Space Agency, NASA Flight Engineer Kjell Lindgren and Flight Engineer Kimiya Yui of the Japan Aerospace Exploration Agency participated in a variety of activities at the Baikonur Cosmodrome in Kazakhstan as they prepared for the launch on July 23 to the International Space Station.	Transcript Link
2015 07 15	NASA Johnson	https://youtu.be/bx_c13k3TsY	Space Station Live Keeping Their Cool	NASA Commentator Lori Meggs talks with engineers Josh Dunn and Aaron Reese at the Marshall Space Flight Center about testing being done on the POLAR freezers that are used to preserve experiment samples on the International Space Station until they are returned to Earth for analysis. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 07 15	NASA Johnson	https://youtu.be/Knx4e-DXwyw	Monthly ISS Research Video Update for June 2015	See the highlights of recent research conducted on the International Space Station during June. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 07 15	NASA Johnson	https://youtu.be/PaOgnwGUTQE	Space Station Stories Stronger Together	In the next chapter of Space Station Stories, we explore one of the space station's greatest accomplishments: international cooperation. An international partnership of space agencies from the United States, Russia, Europe, Japan, and Canada have worked together for 15 years on the most politically complex space exploration program ever undertaken. The International Space Station Program brings together international flight crews, multiple launch vehicles, globally distributed launch, operations, training, engineering, and development facilities; communications networks, and the international scientific research community. The lessons learned today will apply to the exploration missions of tomorrow, as multiple nations will be needed to overcome the challenges of deep space human exploration as humanity readies itself for the journey to Mars. Space Station Stories takes you inside the technological marvel that is the International Space Station. Humanity's home in low Earth orbit since 1998, the station continues to be a platform for new discoveries, preparing us for the journeys of tomorrow while benefiting the world of today. HD download link: https://archive.org/details/SpaceStationStories	Transcript Link
2015 07 14	NASA Johnson	https://youtu.be/sUhSuZpo7g8	Scott Kelly Recognizes Pluto Flyby from the Space Station	NASA astronaut Scott Kelly sends his heartfelt best wishes and congratulations from the International Space Station to NASA's New Horizons team for their flyby of Pluto today after a 9 year, 3 billion mile journey. Kelly is on a one-year journey around the Earth, performing important research that will help enable human visits to other worlds in the future. New Horizons made its closest approach to Pluto Tuesday, July 14, about 7,750 miles above the surface -- roughly the same distance from New York to Mumbai, India – making it the first-ever space mission to explore a world so far from Earth. Details: http://www.nasa.gov/press-release/nasas-three-billion-mile-journey-to-pluto-reaches-historic-encounter HD download link: https://archive.org/details/ScottKellyRecognizesPlutoFlybyFromTheSpaceStation	Transcript Link
2015 07 10	NASA Johnson	https://youtu.be/orTULuvmjY0	Expedition 44 Crew Departs for Kazakh Launch Site	Expedition 44 Soyuz Commander Oleg Kononenko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Kjell Lindgren and Flight Engineer Kimiya Yui of the Japan Aerospace Exploration Agency, and their backups, Yuri Malenchenko of Roscosmos, Tim Kopra of NASA and Timothy Peake of the European Space Agency participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia, outside Moscow on July 10. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete their training for the launch of Kononenko, Lindgren and Yui to the International Space Station in the Soyuz TMA-17M spacecraft on July 23, Kazakh time for a five-month mission.	Transcript Link

2015 07 10	NASA Johnson	https://youtu.be/F35yzjNRBxs	Space to Ground Progress Docks 7 10 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Also available on Archive.org: https://archive.org/details/SpaceToGround _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 07 09	NASA Johnson	https://youtu.be/kPSk23XOGuk	Launching for America	Veteran NASA astronauts and experienced test pilots Robert Behnken, Eric Boe, Douglas Hurley and Sunita Williams have been selected to begin working closely with commercial spaceflight companies SpaceX and Boeing to prepare for future human flights on those companies' vehicles. The first NASA astronauts for commercial crew test flights will be selected from this group. HD download link: https://archive.org/details/NASACCPResourceReel	Transcript Link
2015 07 09	NASA Johnson	https://youtu.be/pm0TAuip5vA	A Moment with Kimiya Yui	A moment with Kimiya Yui. HD download link: https://archive.org/details/Expedition44ResourceReel	Transcript Link
2015 07 08	NASA Johnson	https://youtu.be/jo6xEi5Wr3Y	Expedition 44 Crew Conducts Traditional Ceremonies in Star City, Russia	Expedition 44 Soyuz Commander Oleg Kononenko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Kjell Lindgren and Flight Engineer Kimiya Yui of the Japan Aerospace Exploration Agency, and their backups, Yuri Malenchenko of Roscosmos, Tim Kopra of NASA and Timothy Peake of the European Space Agency visited the Gagarin Museum where they viewed historic space artifacts at the Gagarin Cosmonaut Training Center in Star City, Russia July 8, then laid flowers at the statue of Yuri Gagarin, the first human to fly in space. Kononenko, Lindgren and Yui are scheduled to launch on July 23, Kazakh time, in the Soyuz TMA-17M spacecraft to the International Space Station for a five- month mission.	Transcript Link

2015 07 08	NASA Johnson	https://youtu.be/GQsD4qmwhzk	Space Station Live The Heart of the Matter	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Stuart Lee about the Cardio Ox experiment now underway on the International Space Station. Researchers are studying whether station crew members are at an increased risk for cardiovascular disease due to their exposure to stresses that are part of the space environment, some of the same stresses that are considered risk factors for cardiovascular disease for people on Earth. The procedures used in this experiment are some of the same ones used to track atherosclerosis among patients on Earth. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 07 08	NASA Johnson	https://youtu.be/56rN2LrIERA	A Moment with Astronaut Kjell Lindgren	A moment with Kjell Lindgren. HD download link: https://archive.org/details/Expedition44ResourceReel	Transcript Link
2015 07 06	NASA Johnson	https://youtu.be/4L2EQxJYg7I	StationLIFE Space Laboratory – July	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks the station's role as a one-of-a-kind microgravity laboratory. The space station has a variety of multidisciplinary laboratory facilities and equipment available to support science that can't be done anywhere else!. These capabilities have been built by NASA and its International Partners and can be made available on a time-shared basis to other US government agencies and private entities to pursue their own mission driven research and applications on the space station. If a scientist needs special equipment, NASA or CASIS will help develop that equipment. Disciplines include: Biology and Biotechnology, Human Research, Earth and Space Science, Physical Science, Technology and Educational Activities. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/station HD download link: https://archive.org/details/StationLIFE	Transcript Link

2015 07 03	NASA Johnson	https://youtu.be/kia8_cZzxU4	Space to Ground Record Breaking 7 3 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 07 02	NASA Johnson	https://youtu.be/5JYfnpGDgwk	Space Station Live First 100 Days of the One Year Mission	In a live interview from on board the International Space Station, NASA Commentator Dan Huot talks with Expedition 44 Flight Engineer Scott Kelly as he nears 100 days in orbit on his One Year Mission. Kelly talks about managing supplies on board in the wake of the loss of two recent supply ships and the anticipation about arrival of a new Russian cargo vehicle scheduled to launch later today, the busy science agenda facing him and his crewmates, and his feelings about the progress of his One Year Mission. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 07 01	NASA Johnson	https://youtu.be/4Vx6CNTs-aE	Space Station Live Open Access to Space Station Science Data	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with the manager of the MaterialsLab at Marshall, John Vickers, about a new approach to materials science research that will provide unprecedented worldwide collaboration. MaterialsLab is enhancing the way researchers in government, industry and academia develop investigations, share information from space station experiments, and build on each other's work. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 07 01	NASA Johnson	https://youtu.be/1jEx4Q_nBW8	Benefits for Humanity Hope Crystallizes	In one of many direct Earth applications of International Space Station research, the newest Benefits for Humanity video in the Benefits series highlights how high quality crystals grown in microgravity lead to new therapeutics for disease. Learn how the investigation of protein crystals in space is helping treat Duchenne Muscular Dystrophy (DMD), an incurable genetic disorder affecting the muscles with onset usually in early childhood and primarily in young males. Since 2003, scientists with the Japan Aerospace Exploration Agency have conducted protein crystal growth investigations on the space station, including proteins associated with DMD. Crystals grown on Earth are impacted by gravity, which may affect the way the molecules align on the surface of the crystal. Researchers have discovered that growing crystals aboard the space station allows for slower growth and higher quality crystals. Having a better understanding of the protein's shape enabled researchers to design a drug that fits specifically into a location on the protein associated with DMD. The research team estimates that the drug may be able to slow the progression of DMD by half. With many other protein crystal growth studies occurring or planned aboard the space station, many thousands of other proteins' structures could be determined. This is yet another way the orbiting laboratory is enabling research Off the Earth, For the Earth.	Transcript Link
2015 06 29	NASA Johnson	https://youtu.be/UKfZ8n8EcwU	Space Station Live Padalka New Space Ironman	NASA Commentator Dan Huot talks with NASA astronaut Mike Fincke about the new space endurance record set by International Space Station Expedition 44 commander Gennady Padalka, Fincke's one-time ISS crewmate. On Sunday June 28, during his fifth trip to space and fourth visit to this space station, Padalka passed Sergei Krikalev's mark of 803 total days in space. Padalka and Fincke were crewmates on ISS for Expedition 9 in 2004, and back-to-back commanders of ISS on Expeditions 18 and 19. Fincke discussed learning from Padalka on his early flights, and about Padalka's contribution to the legacy of ISS. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html (Note: Fincke refers to Challenger, but his reference was intended to say Columbia.)	Transcript Link
2015 06 26	NASA Johnson	https://youtu.be/XRYUKTa6BLA	Space to Ground Preparing for Dragon 6 26 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 06 25	NASA Johnson	https://youtu.be/S1IS8Kbzxos	NASA Testing Project Sidekick	NASA and Microsoft have teamed up to develop Sidekick, a new project using commercial technology to empower astronauts aboard the International Space Station. Sidekick uses Microsoft HoloLens to provide virtual aid to astronauts working off the Earth, for the Earth. A pair of the devices is scheduled to launch on SpaceX's seventh commercial resupply mission to the station on June 28. The goal of Sidekick is to enable station crews with assistance when and where they need it. This new capability could reduce crew training requirements and increase the efficiency at which astronauts can work in space. NASA and Microsoft engineers tested Project Sidekick and the Microsoft HoloLens aboard NASA's Weightless Wonder C9 jet to ensure they function as expected in free-fall in advance of their delivery to the microgravity environment of the space station. Read more... http://go.nasa.gov/1GKRAld	Transcript Link
2015 06 24	NASA Johnson	https://youtu.be/NdL44q6mAuE	Space Station Live What the Well-Dressed Astronaut is Wearing	NASA Commentator Lori Meggs talks with Evelyne Orndoff and Darwin Poritz about Intravehicular Activity Clothing, a three-year study of clothing worn by astronauts on the International Space Station. The research is part of a logistics reduction program aimed at finding the right lightweight materials, which would reduce storage and launch requirements, for clothes for crew members on future deep space missions. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 06 19	NASA Johnson	https://youtu.be/1sMPwJJuBMU	Space Station Live The News on Commercial Crew	NASA Commentator Kyle Herring talks with Kathy Lueders, the manager of NASA's Commercial Crew Program, about the status of efforts to develop commercial space vehicles to deliver human crew members to the International Space Station. NASA is working with Boeing and SpaceX as those companies work through milestones to get their vehicles, Boeing's CST-100 and SpaceX's Crew Dragon, ready for their first crewed flights to the station, while the space station program is reconfiguring the station and preparing for spacewalks to install the new International Docking Adapters to which the new commercial spacecraft will dock. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link

2015 06 19	NASA Johnson	https://youtu.be/YUyYTD5L8Gw	Space to Ground Eye On The Tropics 6 19 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 06 17	NASA Johnson	https://youtu.be/q-yDVQqUg2k	Space Station Live Russians Do Plasma Science in Europe's Columbus Module	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Lucie Campagnolo, an operator at the CADMOS Control Center in France, about the latest experiment studying plasma crystals which has just begun in a facility on board the International Space Station. Campagnolo discusses the science objectives and the role played by herself and her colleagues at the French control center. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 06 16	NASA Johnson	https://youtu.be/Gy7Qu1gSnI8	NASA Past, Present and Future	Since inception in 1958, NASA has accomplished many great scientific and technological feats in air and space. NASA technology also has been adapted for many nonaerospace uses by the private sector. NASA remains a leading force in scientific research and in stimulating public interest in aerospace exploration, as well as science and technology in general. Perhaps more importantly, our exploration of space has taught us to view Earth, ourselves, and the universe in a new way. The Space Shuttle Program left its 30 years of achievements written in the sky above and in the hearts of the astronauts, American and international, who flew in them. Humans have continuously habitated the International Space Station for nearly 15 years doing research to benefit us on Earth and support our journey to Mars. The best is yet to come as NASA develops the capabilities needed to send humans to an asteroid by 2025 and Mars in the 2030s. HD download link: https://archive.org/details/NASAPastPresentAndFuture	Transcript Link

2015 06 15	NASA Johnson	https://youtu.be/ouv1Un1F36A	Ultra High Definition Video from the International Space Station (Reel 1)	The view of life in space is getting a major boost with the introduction of 4K Ultra High-Definition (UHD) video, providing an unprecedented look at what it's like to live and work aboard the International Space Station. This important new capability will allow researchers to acquire high resolution - high frame rate video to provide new insight into the vast array of experiments taking place every day. It will also bestow the most breathtaking views of planet Earth and space station activities ever acquired for consumption by those still dreaming of making the trip to outer space. Additional 4K–UHD videos will be coming to ReelNASA soon, so stay tuned! HD download link: https://www.archive.org/details/NASA-Ultra-High-Definition	Transcript Link
2015 06 12	NASA Johnson	https://youtu.be/wKGnJtxPBk8	Expedition 42 43 Crew Returns To Houston	NASA astronaut Terry Virts and European Space Agency astronaut Samantha Cristoforetti returned to Houston, Texas, June 12. They and their crewmember, Russian cosmonaut Anton Shkaplerov, landed in Kazakhstan June 11 at 8:44 a.m. CDT after spending 199 days in space.	Transcript Link
2015 06 12	NASA Johnson	https://youtu.be/UJf8xsvjPL4	Space Station Live Introducing ISS Expedition 44	NASA Commentator Kyle Herring talks with Scott Stover, the lead flight director for the International Space Station's Expedition 44, which began with the departure of the Expedition 43 crew members for Earth on June 11. Stover discusses the need to operate for about six weeks with only three crew members instead of six, the planned spacewalks this summer to install a new docking adapter to accommodate future commercial crew vehicles, the roster of visiting cargo vehicles due to arrive in the next three months, and the science agenda for the station crew.	Transcript Link
2015 06 12	NASA Johnson	https://youtu.be/84Jkt5RwRUc	Ultra High Definition Video from the International Space Station	The view of life in space is getting a major boost with the introduction of 4K Ultra High-Definition (UHD) video, providing an unprecedented look at what it's like to live and work aboard the International Space Station. This important new capability will allow researchers to acquire high resolution - high frame rate video to provide new insight into the vast array of experiments taking place every day. It will also bestow the most breathtaking views of planet Earth and space station activities ever acquired for consumption by those still dreaming of making the trip to outer space. Additional 4K–UHD videos will be coming to ReelNASA soon, so stay tuned! HD download link: https://archive.org/details/NASA-Ultra-High-Definition	Transcript Link

2015 06 12	NASA Johnson	https://youtu.be/CvFyM21x-eE	Expedition 43 Crew Receives a Warm Welcome in Kazakhstan and Russia	Expedition 43 Commander Terry Virts of NASA, Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency (Roscosmos) and Flight Engineer Samantha Cristoforetti of ESA (European Space Agency) were greeted in a traditional ceremony at the airport in Karaganda, Kazakhstan on June 11, a few hours after landing in their Soyuz TMA-15M spacecraft in Kazakhstan near the town of Dzhezkazgan. After the ceremony, the crew split up, with Shkaplerov returning to his training base in Star City, Russia, while Virts and Cristoforetti boarded a NASA plane to return to the Johnson Space Center in Houston. The trio completed 199 days in space and on the International Space Station following their launch in late November. The footage includes interviews conducted with Virts and Cristoforetti before they began their trip back to Houston. Full Video File available on Archive.org: https://archive.org/details/NASAVideoFileE43KazakhstanWelcomeCeremony150612720p	Transcript Link
2015 06 12	NASA Johnson	https://youtu.be/WQLGQRshqSo	Space to Ground Back Home 6 12 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. _____ FOLLOW THE SPACE STATION! Twitter: https://twitter.com/Space_Station Facebook: https://www.facebook.com/ISS Instagram: https://instagram.com/iss/	Transcript Link
2015 06 11	NASA Johnson	https://youtu.be/b1btgFAR0IE	Monthly ISS Research Video Update for May 2015	See the highlights of recent research conducted on the International Space Station during May.	Transcript Link
2015 06 10	NASA Johnson	https://youtu.be/TJoBCwgb8cQ	Space Station Live Change of Command	NASA astronaut Terry Virts, the commander of the International Space Station's Expedition 43, thanks his ground support team, crewmates and family back on Earth as he hands over command of the vehicle to the next commander and nears the end of a mission of nearly 200 days in space, which will come with his return to Earth in a Soyuz spacecraft on Thursday, June 11, 2015. Expedition 44 begins with the departure from the station of Virts and his crewmates; cosmonaut Gennady Padalka of Roscosmos takes over as commander of Expedition 44, his fourth time to command the station.	Transcript Link

2015 06 10	NASA Johnson	https://youtu.be/9x_oubOXFgM	Space Station Live Riding Home in a Fireball	NASA Commentator Brandi Dean talks with astronaut Barry Wilmore, the commander of the International Space Station's Expedition 42, about his memories of the last few days of his mission this past March. Wilmore discusses how station crews prepare to wrap up their mission on orbit, and talks about what it's like to ride home to Earth inside the Russian Soyuz spacecraft.	Transcript Link
2015 06 09	NASA Johnson	https://youtu.be/qhJUEI_MPaY	Space Station Live Studying Nutrition Impacts on Astronaut Health	NASA Commentator Lori Meggs talks with Dr. Scott M. Smith, the manager of the Nutritional Biochemistry Laboratory at NASA's Johnson Space Center, about how researchers are studying blood and urine samples from the International Space Station crew members to learn more about how prolonged exposure to weightlessness impacts the body, especially the bones, muscles and vision. Smith describes how the samples are gathered on orbit and then returned to Earth on a commercial cargo ship.	Transcript Link
2015 06 09	NASA Johnson	https://youtu.be/U4uZvB-avL0	Station Module Move in 4K Video Resolution	On Wednesday, May 27, the International Space Station took the next step to prepare the orbiting laboratory for the future arrival of U.S. commercial crew and cargo vehicles. Robotics flight controllers in Mission Control Houston and Canada detached the large Permanent Multipurpose Module (PMM), used as a supply depot on the orbital laboratory, from the Earth-facing port of the Unity module and robotically relocated it to the forward port of the Tranquility module. This move cleared the Unity port for its conversion into the spare berthing location for U.S. cargo spacecraft; the Earth-facing port on Harmony is the primary docking location. Harmony's space-facing port currently is the spare berthing location for cargo vehicles, so this move frees that location to be used in conjunction with Harmony's forward port as the arrival locations for commercial crew spacecraft. HD download link: https://archive.org/details/SpaceStationPMMRelocation-4K	Transcript Link
2015 06 05	NASA Johnson	https://youtu.be/YbXBYZDcJvI	Space to Ground Fifty Years 6 5 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2015 06 04	NASA Johnson	https://youtu.be/UMCYt2bKCbI	Space Station Live Measuring the Fluid Shift in Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Mike Stenger, one of the co-principal investigators of the Fluid Shifts experiment, which is measuring how much fluid shifts to an astronaut's upper body during the time he or she is in weightlessness on board the International Space Station. Researchers have hypothesized that the fluid shift leads to increased pressure within the skull and to the back of the eye, and may be responsible for vision changes that many astronauts experience after a long-duration mission. Stenger uses Lori as a guinea pig to demonstrate how he's gathering data from the station crew members for this investigation.	Transcript Link
2015 06 03	NASA Johnson	https://youtu.be/LYYdOozMtEI	Astronaut Terry Virts Commemorates Gemini IV Showing How He "Suits Up"	To mark the 50th anniversary of the first U.S. spacewalk, astronaut Terry Virts shows us how NASA gets ready for a spacewalk, and pays tribute to the past accomplishment of Gemini IV. This video shows the "suit up" process Terry completed prior to one of his three spacewalks in February and March of this year. Near the end of the video, Terry commemorates the accomplishments of Gemini IV. The video ends with crew member Jim McDivitt describing the Gemini spacewalk from inside the spacecraft, and Ed White beginning his spacewalk.	Transcript Link
2015 06 03	NASA Johnson	https://youtu.be/wJAiKZmunPQ	NASA's Mission Control, Houston, Celebrates 50th Anniversary	Mission Control recognizes a half century of human spaceflight leadership from Houston on June 3, as it continues to support 24/7/365 operations in support of the International Space Station and prepares for the future of human exploration through the cosmos. The first spaceflight operated from Mission Control, Houston, was the Gemini IV mission launched on June 3, 1965, a flight that included the United States' first spacewalk. Firsts in space became the norm for the institution, highlighted by the landing of men on the moon during the Apollo Program; the first international mission between the U.S. and the U.S.S.R. during the Apollo-Soyuz Test Project; the first U.S. space station flights during Skylab; the flights of the first reusable spacecraft during the space shuttle era, and the assembly and operation of the International Space Station. The video is dedicated to the men and women of Mission Control past, present and future. For more about the Christopher C. Kraft Jr. Mission Control Center, visit: http://www.nasa.gov/centers/johnson/home Follow the anniversary activities on social media with the hashtag #MCC50th High resolution download: https://archive.org/details/Mission-Control-Houston_50-Years	Transcript Link

2015 06 02	NASA Johnson	https://youtu.be/8jvIV8gEvuU	Space Station Live 50 Years of Mission Control Houston	On the eve of the 50th anniversary of the Mission Control Center at NASA's Johnson Space Center in Houston, NASA Commentator Pat Ryan talks with Norm Knight, the chief of the Flight Director Office at JSC, about the establishment the mission control center concept and the development of the center through the history of America's human spaceflight program. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 06 02	NASA Johnson	https://youtu.be/zCDe_7uiWMM	Spacewalking The Last 50 Years, The Next 50 Years	On June 3, 1965, NASA astronaut Ed White exited the Gemini 4 space capsule using a hand-held oxygen jet gun to push himself from the hatch for a 23-minute tethered spacewalk that set the stage for future moonwalks, satellite retrievals and repairs, and space station assembly and maintenance. Spacewalks and spacesuits are a critical component of all human space exploration endeavors. To date, NASA has completed 264 spacewalks, including 184 dedicated to space station assembly and 23 focused on the repair of the Hubble Space Telescope. Human exploration of Mars will require innovative design solutions for EVA systems to protect crew from the Red Planet's environment. For the first time since 1982, NASA is in the process of evaluating and testing new suit prototype designs to support our journey to Mars.	Transcript Link
2015 06 02	NASA Johnson	https://youtu.be/2hT-CRevst4	StationLife Eye-Opening Science	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson talks about a unique challenge to humans flying in space: vision impairment. Even after 50 years of human spaceflight, we are still exploring the effects microgravity can have on human health. In recent years, a new trend was identified: some International Space Station astronauts reported vision degradation during spaceflight. Research has identified a possible link between vision impairment and the increased intracranial pressure caused by shifts in bodily fluids from the lower extremities to the upper part of the body in microgravity. This is an area of intense interest aboard ISS, with implications for future exploration missions. There is also an Earth benefit to the vision research aboard the space station; these studies provide insight into structural changes that can occur in the eyes and nervous system, which could be relevant for patients suffering from a wide range of ocular diseases such as glaucoma. It also provides data that could be used to help patients suffering from brain diseases, such as hydrocephalus and high blood pressure in the brain. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/station	Transcript Link

2015 06 01	NASA Johnson	https://youtu.be/Yiv9W4K92XE	Show NASA How You %23SuitUp	On June 3, 2015, NASA is celebrating the 50th anniversary of the first U.S. spacewalk. Join the celebration and share with us how you "suit up" for your career or hobby - or send us your favorite NASA spacewalking moments - on social media using #SuitUp.	Transcript Link
2015 06 01	NASA Johnson	https://youtu.be/JAlnM06MnRA	Space Station Live The Science Beat Goes On	NASA Commentator Pat Ryan talks with Jorge Sotomayor, the lead increment scientist for Expeditions 43 and 44 on board the International Space Station. The crew has been working on learning more about the dynamics of fire in weightlessness, the specifics of how fluids shift from a crew member's lower body to upper body and how that shift can adversely impact vision, and testing out a new espresso machine and drinking cups designed to use capillary flows to let them actually sip liquids instead of sucking them out of a bag through a straw.	Transcript Link
2015 05 29	NASA Johnson	https://youtu.be/V81_3biNHcA	Space to Ground Module Move	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Also available on Archive.org https://archive.org/details/SpaceToGround	Transcript Link
2015 05 27	NASA Johnson	https://youtu.be/PtJAumajur8	Space Station Live Astronaut or IndyCar Driver	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with IndyCar Series driver James Hinchcliffe about the similarities between driving a race car and flying in space: from the physical requirements of the driver and the astronaut, to the support received from pit crews and ground teams. Hinchcliffe talks about what inspired him, and his interest in the International Space Station program. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2015 05 27	NASA Johnson	https://youtu.be/pRaZgSVnsNs	One-Year Crew Docking to the International Space Station	: This video was taken by the crewmembers aboard the Soyuz TMA-16M spacecraft which docked to the International Space Station at 9:33 p.m. EDT March 27, 2015. NASA astronaut Scott Kelly and Russian cosmonauts Mikhail Kornienko and Gennady Padalka arrived just six hours after launching from Baikonur, Kazakhstan, completing four orbits around the Earth before catching up with the orbiting laboratory. The vehicle docked to the Poisk module (also known as the Mini-Research Module 2) on the space-facing side of the Russian Service Module. The spinning object in view is an antenna that is part of the automatic rendezvous and docking system known as KURS. Kelly and Kornienko will spend about a year living and working aboard the space station to help scientists better understand how the human body reacts and adapts to the harsh environment of space. Most expeditions to the space station last four to six months. By doubling the length of this mission, researchers hope to better understand how the human body reacts and adapts to long-duration spaceflight. This knowledge is critical as NASA looks toward human journeys deeper into the solar system, including to and from Mars, which could last 500 days or longer. It also carries potential benefits for humans here on Earth, from helping patients recover from long periods of bed rest to improving monitoring for people whose bodies are unable to fight infections. For more about the One-Year Mission, visit: www.nasa.gov/oneyear	Transcript Link
2015 05 26	NASA Johnson	https://youtu.be/lu-tdAnBdmM	Space Station Live Next Stop for PMM--Tranquility	NASA Commentator Pat Ryan talks with International Space Station Operations Integration Manager Kenny Todd about the planned relocation Wednesday of the Permanent Multipurpose Module, a storage facility that has been attached to the station's Unity node since February 2011. The PMM is being moved to the Tranquility module as part of a plan to create available docking ports for commercial crew vehicles and commercial cargo vehicles in the coming years.	Transcript Link
2015 05 22	NASA Johnson	https://youtu.be/Gf9wxJf1tCA	Space to Ground Cargo Returns	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Also available on Archive.org https://archive.org/details/SpaceToGround	Transcript Link

2015 05 21	NASA Johnson	https://youtu.be/vHqzMpCIoOo	PMM Relocation Animation	The next step in growing a robust commercial market in low-Earth orbit and preparing the International Space Station for the future arrival of U.S. commercial crew and cargo vehicles will be undertaken on Wednesday, May 27. The large Permanent Multipurpose Module (PMM) that is used as a supply depot on the orbital laboratory will be detached from the Earth-facing port of the Unity module and robotically relocated to the forward port of the Tranquility module using the space station's robotic arm, Canadarm2. This will clear the Unity port for its conversion into a spare berthing location for U.S. visiting vehicles. For more information, visit: www.nasa.gov/station HD download link: https://archive.org/details/PMMRelocationAnimation-May2015	Transcript Link
2015 05 20	NASA Johnson	https://youtu.be/MtUz5WfA2dw	Space Station Live Water Works for Spaceflight Future	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Jeremy Frank of the Ames Research Center about how researchers are building on a routine maintenance task on the International Space Station—monitoring the quality of the crew's drinking water—to learn more about how future crews on missions to deep space can take better control of spaceflight operations without having to rely on distant ground control teams. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 05 15	NASA Johnson	https://youtu.be/AmGiRg9q-fU	Space to Ground Schedule Shift 5 15 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2015 05 14	NASA Johnson	https://youtu.be/uBMRYmP7Ves	Preparing America for Deep Space Exploration Episode 9 Ready to Rumble	NASA is developing the Space Launch System rocket, Orion spacecraft and the grounds systems needed to launch astronauts to destinations far into the solar system. Between January and March 2015, the agency made strides to build these capabilities. Recents progress includes a test of the RS-25 engine, evaluation of the Orion heat shield that flew into space in 2014, upgrades to the Mobile Launcher and Crawler Transporter at Kennedy Space Center in Florida, and to the Pegasus barge that will transport the SLS core stage to Florida prior to launch, as well as a full-scale firing of the SLS booster in a major qualification test. For more info: RS-25 test: http://go.nasa.gov/1IymO22 Orion heat shield work: http://go.nasa.gov/1J6H0ag Crawler Transporter: http://go.nasa.gov/1Iyn1lH Pegasus barge: http://go.nasa.gov/1QTYeuC SLS booster test: http://go.nasa.gov/1IymAbh HD download link: https://archive.org/details/PreparingAmericaForDeepSpaceExplorationEpisode9ReadytoRumble	Transcript Link
2015 05 14	NASA Johnson	https://youtu.be/RULgOizRL0I	Space Station Live Millions of microbes under study	NASA commentator Amiko Kauderer talks with Dr. Kasthuri Venkateswaran, principal investigator for the Microbial Observatory experiment aboard the International Space Station that focuses on the millions of other living things on the station other than the crew: the microbes which share the environment with the human crew. Dr. Venkateswaran is with the California Institute of Technology and the Jet Propulsion Laboratory in Pasadena. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 05 14	NASA Johnson	https://youtu.be/V1eHWpOtWQw	Space Station Live Schedule Changes	NASA commentator Amiko Kauderer talks with Kenny Todd, the International Space Station Mission Operations Integration Manager, about the vehicle schedule changes to and from the International Space Station in the wake of the loss of Russian Progress 59. The return to Earth for NASA's Terry Virts, ESA (European Space Agency) astronaut Samantha Cristoforetti and Russian cosmonaut Anton Shkaplerov now is targeted for early June. The next Russian cargo craft, Progress 60, will launch in early July to deliver several tons of food, fuel and supplies. The space station has sufficient supplies to support crews until the fall of 2015. The Soyuz spacecraft carrying Expedition 44’s Kjell Lindgren of NASA, Oleg Kononenko of Roscosmos, and Kimiya Yui of the Japan Aerospace Exploration Agency, will launch in late July from the Baikonur Cosmodrome in Kazakhstan. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2015 05 14	NASA Johnson	https://youtu.be/0Lmsvr8VVwM	Space Station Live ISS Space Cup Full of Science	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Portland State University's Mark Weislogel about the space cup, a zero-gravity cup designed and fabricated for the Capillary Beverage experiment on the International Space Station, and how he hopes this will revolutionize the way crew members "drink up" in space. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 05 14	NASA Johnson	https://youtu.be/_5Af-tw8Nls	Monthly ISS Research Video Update for April 2015	See the highlights of recent research conducted on the International Space Station during April.	Transcript Link
2015 05 14	NASA Johnson	https://youtu.be/I1Fm7tG_sEg	Ron Sostaric talkMARS "Human Mars Landing Better Bring a Really Big Parachute!"	Ron Sostaric talks about the difficulties with the entry, descent, and landing of the massive vehicles that would land humans on Mars. Sostaric is an entry, descent, and landing systems expert for the Aeroscience and Flight Mechanics Division at NASA Johnson Space Center. He has contributed to a number of projects, including the X-38 Crew Return Vehicle, the Autonomous Landing and Hazard Avoidance Technology (ALHAT), Morpheus, the Mars Science Laboratory (MSL), and the Terrestrial Return Vehicle (TRV). Johnson Space Center's talkMARS presentations do not follow the model of a typical technical briefing. These talks focus more on the "why" of a human mission to Mars and translate complicated technologies and ideas in an easy-to-understand format.	Transcript Link
2015 05 14	NASA Johnson	https://youtu.be/ID9Yergj2TU	Doug Ming talkMARS "Curiosity on Mars Trailblazing a Path for Humans"	Dr. Doug Ming describes how the scientific results from the Mars Curiosity rover are trailblazing the path for human missions to the Red Planet in this talkMARS lecture. Ming is the Chief Scientist for the Astromaterials Research and Exploration Science Division at NASA Johnson Space Center where he specializes in Mars surface geochemistry and mineralogy. He has published over 180 peer-reviewed articles and is on the science and operation teams for the Mars Curiosity and Opportunity rover missions. Johnson Space Center's talkMARS presentations do not follow the model of a typical technical briefing. These talks focus more on the "why" of a human mission to Mars and translate complicated technologies and ideas in an easy-to-understand format.	Transcript Link

2015 05 14	NASA Johnson	https://youtu.be/uncJcyNTzHU	Doug Litteken talkMARS "Inflate Your Space"	Doug Litteken discusses the importance of using inflatable structures for a human mission to Mars and tackles some of the myths associated with these space vehicles. Litteken is an engineer at NASA Johnson Space Center focusing on composite and inflatable lightweight structures for human rated space vehicles. He is a member of the JSC Speakers Bureau and enjoys sharing his excitement for space exploration with audiences of young and old. Johnson Space Center's talkMARS presentations do not follow the model of a typical technical briefing. These talks focus more on the "why" of a human mission to Mars and translate complicated technologies and ideas in an easy-to-understand format.	Transcript Link
2015 05 08	NASA Johnson	https://youtu.be/KIpbafNpfQ0	StationLIFE Let's Get Physical	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson hosts a focus on how the station is a unique environment for physical sciences. The International Space Station is a laboratory unlike any on Earth. Onboard, we can control gravity as a variable and even remove it entirely from the equation. Removing gravity from the equation reveals fundamental aspects of physics hidden by force-dependent phenomena such as buoyancy-driven convection and sedimentation. Science on space station also reveals how other forces, which are small compared to gravity, can dominate system behavior if provided the opportunity. Gravity often masks or distorts subtle forces such as surface tension and diffusion; on space station, these forces have been harnessed for a wide variety of physical science applications (combustion, fluids, colloids, surface wetting, boiling, convection, materials processing, etc.). By understanding the fundamentals of combustion and surface tension and colloids, we may make more efficient combustion engines; better portable medical diagnostics; stronger, lighter alloys; medicines with longer shelf-life, and buildings that are more resistant to earthquakes. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/station	Transcript Link
2015 05 08	NASA Johnson	https://youtu.be/R6Hm8tfWAfI	Space to Ground Safe For Breathing	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Also available on Archive.org https://archive.org/details/SpaceToGround	Transcript Link

2015 05 07	NASA Johnson	https://youtu.be/Uje647diAeQ	NASA Video File Expedition 44 Crew Undergoes Final Training Outside Moscow	Expedition 44 Soyuz Commander Oleg Kononenko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Kjell Lindgren and Flight Engineer Kimiya Yui of the Japan Aerospace Exploration Agency, and their backups, Yuri Malenchenko of Roscosmos, Tim Kopra of NASA and Timothy Peake of the European Space Agency conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia May 6 and 7. Kononenko, Lindgren and Yui are scheduled to launch on May 27, Kazakh time, in the Soyuz TMA-17M spacecraft to the International Space Station for a 5 ½ month mission. Full Version available on Archive.org: https://archive.org/details/Expedition44CrewFinalExams150507720p	Transcript Link
2015 05 06	NASA Johnson	https://youtu.be/G6HSJZhizmY	Daniel Kraft talkMARS "The Future of Health and Medicine Where Can Technology Take Us "	Dr. Daniel Kraft visited NASA Johnson Space Center to talk about his vision of the future of medical technologies. Kraft is a physician-scientist who specializes in bone marrow transplantation, stem-cell biology and regenerative medicine. He has given several TED talks, some of which have been viewed more than 1 million times. Johnson Space Center's talkMARS presentations do not follow the model of a typical technical briefing. These talks focus more on the "why" of a human mission to Mars and translate complicated technologies and ideas in an easy-to-understand format.	Transcript Link
2015 05 06	NASA Johnson	https://youtu.be/Hfp_pMW8ygc	Space Station Live Double the Data	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Michael Snyder, chair of the genetics department at Stanford University, about the Twins study on the International Space Station. In this unique experiment researchers are studying how being in a weightless environment impacts station crew member Scott Kelly during his One Year Mission, and compare that to his identical twin brother, former astronaut Mark Kelly, on Earth during the same period of time.	Transcript Link
2015 05 06	NASA Johnson	https://youtu.be/bh9kwPOoGw4	YouTube Vloggers Ask Astronaut Scott Kelly Questions in Space	Aboard the International Space Station, NASA astronaut Scott Kelly fielded questions from YouTube creators who sent in video questions asking about aspects of his Year In Space. By doubling the usual length of Kelly's mission to space, researchers hope to better understand how the human body reacts and adapts to long-duration spaceflight. This knowledge is critical as NASA looks toward human journeys deeper into the solar system, including to and from Mars. Participating YouTube creators included Hank Green from Vlogbrothers, Louis from FunForLouis, Emily Graslie at the Brain Scoop, Kyle Hill from the Nerdist, Henry Reich from MinutePhysics, Destin from Smarter Every Day, and Michael from VSauce.	Transcript Link

2015 05 04	NASA Johnson	https://youtu.be/Wl3KxYwnW6I	Space Station Live Measuring Fluid Shifts on Orbit	NASA Commentator Pat Ryan talks with Dr. Michael Stenger, one of the co-principal investigators of the Fluid Shifts experiment now underway on the International Space Station. Researchers are trying to quantify the amount of fluids that shift to an astronaut's head and upper body and into and out of cells and blood vessels during an extended period in weightlessness, determine if that increased fluid pressure inside the head and on the back of the eye are responsible for the diminished vision reported by some station crew members after they return to Earth, and investigate potential preventative measures.	Transcript Link
2015 05 04	NASA Johnson	https://youtu.be/BkP27YgDhN0	Astronaut at a Glance Drew Morgan	A short autobiographical summary of Drew Morgan. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 05 01	NASA Johnson	https://youtu.be/QdCs0aam-3g	Space to Ground Progress 59 5 1 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 04 29	NASA Johnson	https://youtu.be/0eORruDkl5I	Space Station Live Measuring the Space Station as it Flexes	NASA Commentator Lori Meggs at the Marshall Space Flight Center talks with Dean Schrage, the principal engineer of LynxCAT software, about the system that measures the flexure of elements of the International Space Station as it orbits the Earth. Those measurements supply important data for designers and users of experiments on the station, to be able to take into account those small movements so their science experiments are not adversely effected. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2015 04 27	NASA Johnson	https://youtu.be/YEjH4K6F5Co	NASA's Orion First Flight Test	NASA's Orion spacecraft successfully completed its first trip to space in December 2014. The flight tested many of Orion's systems critical to safety before it begins carrying astronauts to deep space destinations, including to an asteroid and on toward Mars.	Transcript Link
2015 04 24	NASA Johnson	https://youtu.be/aiq2NY_qvpc	Space to Ground Where Over the World 4 23 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 04 23	NASA Johnson	https://youtu.be/Fttaf_rhpm4	Space Station Live A Cup of Coffee Beats a Bagful	NASA Commentator Brandi Dean talks with Dr. Mark Weislogel of Portland State University about a new experiment on the International Space Station to test a drinking cup that will work in weightlessness. The Capillary Beverage experiment applies recent findings about capillary flows and surface tension and their impact on fluids in microgravity to design containers that mimic the role of gravity and should provide station crew members with the ability to actually drink water or coffee or other beverages rather than sucking them out of beverage bags with straws, as they do now. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 04 22	NASA Johnson	https://youtu.be/KTAIRdBa83M	Space Station Live Studying Earth's Sunscreen	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Brooke Thornton, mission operations manager for SAGE III, a facility heading for the International Space Station next year to study Earth's ozone, a layer of the atmosphere that protects us from harmful rays from the sun. SAGE III will measure ozone, aerosols and other trace gases to enhance our understanding of the middle and lower atmosphere.	Transcript Link

2015 04 22	NASA Johnson	https://youtu.be/w6XumQvbKag	ISS Benefits for Humanity Eye on the Tide	The vantage point of space not only contributes to a better understanding of our home planet, it helps improve lives around the world. Onboard the International Space Station, the Hyperspectral Imager for the Coastal Ocean (HICO) instrument gave scientists an exceptional new view of the coastal ocean and the Great Lakes. Using a special camera that separates light into hundreds of wavelength channels, HICO was used to identify potentially harmful algae blooms in Lake Erie and other lakes and reservoirs that provide critical drinking water for millions of users. The EPA is developing an early warning indicator system using historical and current satellite data to detect algal blooms. For more information, visit: http://www.epa.gov The International Space Station is a blueprint for global cooperation and scientific advancements, a destination for a growing commercial marketplace in low-Earth orbit and a test bed for demonstrating new technologies. The space station is the springboard to NASA's next great leap in exploration, including future missions to an asteroid and Mars. HD download link: https://archive.org/details/ISSBenefitsforHumanity Produced/Directed: Jason Clemons	Transcript Link
2015 04 21	NASA Johnson	https://youtu.be/6hoEm9YdHUk	Space Station Live High Def Earth	NASA Commentator Dan Huot talks with David Hornyak, the project manager of the High Definition Earth Viewing experiment, about the first year of the project's operation and screens some of its memorable scenes. From a perch on the nadir side of the International Space Station's Columbus module, HDEV's four high definition off-the-shelf video cameras have been transmitting clear, sharp views of Earth from an altitude of 250 miles, providing impressive views while testing how the hardware holds up in the harsh environment of Earth orbit.	Transcript Link
2015 04 17	NASA Johnson	https://youtu.be/b4tGENRQcWU	Space to Ground Dragon Delivery 4 17 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2015 04 17	NASA Johnson	https://youtu.be/SoeQeBX7iz8	Suiting Up Behind the Scenes - Michael Lopez-Alegria	NASA Astronaut and spacewalk record holder Michael Lopez-Alegria talks about the intricacies of a spacewalk and the features of the spacesuit in first edition of Suiting Up: Behind the Scenes. HD download link: https://archive.org/details/SuitUpWithNASAForTheJourneyToMars	Transcript Link
2015 04 16	NASA Johnson	https://youtu.be/CPc8UNODwLg	Space Station Live The Secrets of Bones	NASA Commentator Dan Huot talks with Dr. Paola Divieti Pajevic, the principal investigator of the Osteo-4 experiment which is arriving at the International Space Station on the new Dragon cargo ship, about her research into the function of osteocytes, the cells in the bones which sense mechanical forces. The experiment will study the function and behavior of those cells in space to try to determine why astronauts who spend long periods in space lose bone density; the findings may have also applications for people on Earth who suffer bone disorders.	Transcript Link
2015 04 16	NASA Johnson	https://youtu.be/fOWLD2BEzJw	Action Cam Footage From U.S. Spacewalk %2331	This footage was taken by U.S. astronaut Terry Virts during a spacewalk on the International Space Station on March 1, 2015. Virts and fellow astronaut Barry “Butch” Wilmore routed 400 feet of cable and installed several antennas associated with the Common Communications for Visiting Vehicles system known as C2V2. Boeing’s Crew Transportation System (CST)-100 and the SpaceX Crew Dragon will use the system in the coming years to rendezvous with the orbital laboratory and deliver crews to the space station. To learn about what these spacewalks accomplished and the big changes coming for the International Space Station, vist: http://go.nasa.gov/1awFd04 We’re celebrating 50 years of spacewalking, learn more at: www.nasa.gov/suitup For more information about the International Space Station, visit: www.nasa.gov/station HD download link: https://archive.org/details/EVAGoPro	Transcript Link

2015 04 15	NASA Johnson	https://youtu.be/26QWMMT1c8Y	Action Cam Footage From U.S. Spacewalk %2330	This footage was taken by U.S. astronaut Terry Virts during a spacewalk on the International Space Station on February 25, 2015. Virts and fellow astronaut Barry “Butch” Wilmore routed a series of cables in preparation for the arrival of two International Docking Adapters later in 2015. Virts also lubricated elements at the latching end of the space station’s Canadarm2 robotic arm while Wilmore prepares the Tranquility module for the relocation of the Permanent Multipurpose Module and the arrival of the Bigelow Expandable Activity Module (BEAM) later this year. To learn about what these spacewalks accomplished and the big changes coming for the International Space Station, vist: http://go.nasa.gov/1awFd04 We’re celebrating 50 years of spacewalking, learn more at: www.nasa.gov/suitup For more information about the International Space Station, visit: www.nasa.gov/station High resolution download: https://go.nasa.gov/2rf1s5U	Transcript Link
2015 04 15	NASA Johnson	https://youtu.be/SgpU08WJm0c	Space Station Live How Does Your Garden Grow in Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Gioia Massa, project scientist for Veggie, a facility astronauts are using on the International Space Station to learn about how to grow lettuce and other vegetables in space, an ability which will be important in providing food for astronauts on future deep space exploration missions which cannot be resupplied from Earth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 04 10	NASA Johnson	https://youtu.be/80QOEveMssw	Space Station Live Reaction Self Test	NASA Commentator Dan Huot talks with Dr. David Dinges of the University of Pennsylvania Perelman School of Medicine, the principal investigator of the Reaction Self Test experiment now underway on the International Space Station. Through evaluating a crew member’s responses to short tests and questions on a portable computer, the research enables the crew and scientists on the ground to gauge whether fatigue due to sleep restrictions or medications degrades an astronaut’s performance of tasks on orbit.	Transcript Link
2015 04 10	NASA Johnson	https://youtu.be/7o80sAi0lcs	Space to Ground Eye on the Earth 4 10 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2015 04 09	NASA Johnson	https://youtu.be/jkg2-4RFXeM	Space Station Live Fine Motor Skills	NASA Commentator Dan Huot talks with Dr. Tina Holden, the principal investigator of the Fine Motor Skills experiment, which is looking to quantify how extended exposure to weightlessness impacts an astronaut's ability to complete tasks. The experiment uses a small computer to test the crew member's performance on a series of simple tasks to gauge whether or not their fine motor skills have been adversely impacted by their prolonged time on orbit. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 04 08	NASA Johnson	https://youtu.be/jWoA9kpyNwM	Space Station Live Space-Made Presents Unboxed	The products from the first-ever operation of a 3-D Printer in space were recently returned to Earth from the International Space Station, and NASA's In-Space Manufacturing Project opened the box this week. Quincy Bean, the principal investigator of the 3-D Printing in Zero-G technology demonstration, talks you through the unboxing at the Marshall Space Flight Center in Huntsville, AL on April 6, 2015. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 04 08	NASA Johnson	https://youtu.be/WVIfIt75KkY	Yuri's Night Greeting from Expedition 43 Commander Terry Virts	Expedition 43 commander Terry Virts of NASA took time to send a special message to celebrators around the globe recognizing the anniversary of the first human space flight. On April 12, 1961, Russian cosmonaut Yuri Gagarin became the first human in space, making a 108-minute orbital flight in his Vostok 1 spacecraft. Space cooperation has been a hallmark of U.S.-Russia relations, including during the height of the Cold War, and most notably, in the past 14 consecutive years of continuous human presence on board the International Space Station. To learn more, visit: www.nasa.gov/station HD download: https://archive.org/details/YurisNightGreetingFromExpedition43CommanderTerryVirts	Transcript Link
2015 04 07	NASA Johnson	https://youtu.be/aIxWTxuW3jk	Science	B-roll of the science and research taking place aboard the International Space Station. Image credit: Courtesy NASA	Transcript Link

2015 04 07	NASA Johnson	https://youtu.be/xC2wB93Wm7k	Russian Soyuz Spacecraft	B-roll the Russian Soyuz Spacecraft, the crew vehicle for the International Space Station. Image credit: Courtesy NASA	Transcript Link
2015 04 07	NASA Johnson	https://youtu.be/X9vOoXU56KI	Life on Station	B-roll of life aboard the International Space Station. Image credit: Courtesy NASA HD download link: https://archive.org/details/LifeOnStationB-Roll	Transcript Link
2015 04 07	NASA Johnson	https://youtu.be/j_RTo2Ti5VA	Exterior Views	B-roll of the exterior of the International Space Station. Image credit: Courtesy NASA	Transcript Link
2015 04 07	NASA Johnson	https://youtu.be/ANjy2RcEeGs	Earth Views	B-roll of views of Earth from the International Space Station	Transcript Link

2015 04 07	NASA Johnson	https://youtu.be/T2ua3zp3_1o	Cargo Vehicle Ground Processing	B-roll of cargo vehicle processing for the International Space Station. Image credit: Courtesy NASA	Transcript Link
2015 04 07	NASA Johnson	https://youtu.be/Iv1SxotNUH0	Space Station Live A View from Aloft	NASA Commentator Dan Huot talks with Dr. Lisa Vanderbloemen, the manager of the Earth Science and Remote Sensing Unit at the Johnson Space Center in Houston, about the Crew Earth Observation experiment underway on the International Space Station. From the vantage point of 250 miles up, station crew members can quickly photograph natural phenomenon and man-made targets on Earth to document dynamic changes on the planet. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 04 06	NASA Johnson	https://youtu.be/k3rx6zNL8G0	StationLIFE Earth	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson hosts a focus on how the station operates as a unique platform for various Earth sensing technologies. The International Space Station is part of a fleet of Earth remote-sensing platforms to develop a scientific understanding of Earth's systems and its response to natural or human-induced changes and to improve prediction of climate, weather, and natural hazards. It's considered unique for several reasons as—unlike automated remote-sensing platforms—it has a human crew, a low-orbit altitude, and orbital parameters that provide variable views and lighting. The station has an inclined, sun-asynchronous orbit that carries it over 90 percent of the inhabited surface of the Earth and allows for the ISS to pass over ground locations at different times of the day and night. This is different and complimentary to other orbiting satellites. Be sure to check back every month to see more of how we're working "Off the Earth, For the Earth." http://www.nasa.gov/station To download in HD: https://archive.org/details/StationLIFE	Transcript Link

2015 04 06	NASA Johnson	https://youtu.be/w4iOl61bgPk	NASA Employees Take First Lady's Dance Challenge	While our coworkers living on the International Space Station must exercise two hours every day to combat bone loss and muscle atrophy in orbit, we decided to do a little dance from Earth to cheer them on. Employees from NASA's Johnson Space Center accepted a challenge from the First Lady and Ellen DeGeneres to learn and perform the #GimmeFive dance. This is in celebration of the fifth anniversary of the First Lady's "Let's Move" campaign, of which NASA is an official partner.	Transcript Link
2015 04 03	NASA Johnson	https://youtu.be/R3_tQvmdeVI	Space to Ground Welcome Aboard 4 3 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 04 01	NASA Johnson	https://youtu.be/dBaIu1f7_JQ	Space Station Live Balancing Act	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Mill Reschke, co-principal investigator of an experiment – 20 years in the making – that will test astronauts' ability to perform tasks immediately after returning to a gravity environment from a long-duration mission to the International Space Station. The Field Test Study is designed by American and Russian scientists to quantify changes to balance and coordination after spaceflight with an eye toward improving recovery times to help future astronauts be ready to explore whatever asteroid or planet they land on right away. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 04 01	NASA Johnson	https://youtu.be/53TcxyN-gig	One-Year Crew Talks About Start of %23YearInSpace	NASA astronaut Scott Kelly and Russian cosmonaut Mikhail Kornienko answer questions about their arrival aboard the International Space Station and the beginning of their one-year mission in space on Monday, March 30, 2015. The two veteran spacefarers' mission will collect scientific daw important to future human exploration of our solar system, and conduct experiments in biology and biotechnology, Earth and space science, physical sciences, technology advancement and human physiology that will provide benefits for humans on Earth. Kelly and his twin brother, former astronaut Mark Kelly, also will participate in a set of experiments that use their unique identical genetic sequencing to help understand the effect of long-duration spaceflight on the human body. The interview was conducted by NASA spokesman Rob Navias. High resolution version available on Archive.org https://archive.org/details/E431YearCrewInterview150330720p	Transcript Link

2015 03 31	NASA Johnson	https://youtu.be/kbvKwmqgh58	Space Station Live Counting Down to the Start of a Year in Space	NASA Commentator Pat Ryan talks with astronaut Scott Kelly about his upcoming One Year Mission to the International Space Station. Veterans of previous six-month trips to the station, Kelly and crewmate Mikhail Kornienko of Roscosmos plan to spend nearly a year on orbit in a mission that will advance the scientific understanding of how prolonged exposure to weightlessness effects the human body, and inform methods of countering the negative effects, in support of future deep space missions beyond low earth orbit.	Transcript Link
2015 03 31	NASA Johnson	https://youtu.be/KclZrn7oJkU	Space Station Live Best Use of Space	NASA Commentator Pat Ryan talks with Dr. Sherry Thaxton, the principal investigator of the Habitability experiment now underway on the International Space Station, about how the One Year Mission will assist designers of future spacecraft. Researchers will use information from the station crew members and observations of their interaction with the man-made environment on orbit to help in the design of new space vehicles to maximize the comfort and efficiency of those vehicles for future deep space explorers.	Transcript Link
2015 03 28	NASA Johnson	https://youtu.be/LO82R73Ocac	Expedition 43 Crew Docks to the Space Station	After launching earlier in the day in their Soyuz TMA-16M spacecraft from the Baikonur Cosmodrome in Kazakhstan, Expedition 43 Soyuz Commander Gennady Padalka and Flight Engineer Mikhail Kornienko of the Russian Federal Space Agency (Roscosmos) and NASA Flight Engineer Scott Kelly arrived at the International Space Station on March 27 U.S. time (March 28 Kazakh time) following a four-orbit, six-hour rendezvous. A few hours after docking, Padalka, Kelly and Kornienko opened hatches and were greeted by station Commander Terry Virts of NASA and Flight Engineers Anton Shkaplerov of Roscosmos and Samantha Cristoforetti of the ESA. For Kelly and Kornienko, their entrance into the station began a year on the orbital laboratory where they will conduct extensive research on the effect of long duration space travel on the human body.	Transcript Link
2015 03 27	NASA Johnson	https://youtu.be/uPwyE3NdiNg	Expedition 43 Launches to ISS for a Yearlong Mission	Expedition 43 Soyuz Commander Gennady Padalka and Flight Engineer Mikhail Kornienko of the Russian Federal Space Agency (Roscosmos) and NASA Flight Engineer Scott Kelly launched on the Russian Soyuz TMA-16M spacecraft on March 28, Kazakh time from the Baikonur Cosmodrome in Kazakhstan to begin a six-hour journey to the International Space Station. For Kelly and Kornienko, the launch began a one-year mission on the station to conduct extensive research on the effect of long duration space travel on the human body	Transcript Link

2015 03 27	NASA Johnson	https://youtu.be/ERwU1lsOrj4	Space to Ground The Year Ahead	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 03 26	NASA Johnson	https://youtu.be/bjUFRXmRGgk	Last Human to Spend a Year in Space Discusses Upcoming ISS One Year Mission	Former Russian cosmonaut Sergei Avdeyev, the last human to spend a year or more in space on a single spaceflight, discussed the challenges facing NASA astronaut Scott Kelly and Russian cosmonaut Mikhail Kornienko during their upcoming year aboard the International Space Station. NASA Public Affairs Officer Rob Navias conducted the interview with Avdeyev in Moscow in November 2014. Avdeyev, who ranks third on the all-time list for most time in space with 748 days in orbit on three spaceflights, spent 380 days on the Russian Mir space station from August 1998 to August 1999.	Transcript Link
2015 03 25	NASA Johnson	https://youtu.be/VnNUMlfSItU	Space Station Live Aging in Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Dr. Susan Bailey of Colorado State University, the principal investigator of the new Telomeres study on the ISS. This investigation is looking into a part of the chromosomes of astronauts to find out more about stress-related aging, and how spaceflight affects it. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 03 25	NASA Johnson	https://youtu.be/V7VT2K8Tsvw	Expedition 43 Soyuz Rocket Moves to Its Launch Pad	The Soyuz TMA-16M spacecraft and its booster were moved to the launch pad at the Baikonur Cosmodrome in Kazakhstan March 25 for final preparations before launch to the International Space Station on March 27 U.S. time (March 28, Kazakh time). The Soyuz TMA-16M will carry Soyuz Commander Gennady Padalka and Flight Engineer Mikhail Kornienko of the Russian Federal Space Agency (Roscosmos) and NASA Flight Engineer Scott Kelly to the orbital complex, where Kelly and Kornienko will spend a year conducting research on the long duration effects of space travel on the human body. The footage also includes scenes of Kelly meeting with his family and other invited guests at the Cosmonaut Hotel crew quarters.	Transcript Link

2015 03 24	NASA Johnson	https://youtu.be/AetWW898AKk	The Expedition 43 Soyuz Spacecraft Is Prepared for Launch	At the Baikonur Cosmodrome in Kazakhstan, the Soyuz TMA-16M spacecraft was mated to its Soyuz booster rocket March 24 as preparations continued for the launch of Expedition 43 Soyuz Commander Gennady Padalka and Flight Engineer Mikhail Kornienko of the Russian Federal Space Agency (Roscosmos) and NASA Flight Engineer Scott Kelly on March 27 U.S. time (March 28, Kazakh time) to the International Space Station. Kelly and Kornienko will spend a year aboard the station conducting research on the long duration effect of space travel on the human body.	Transcript Link
2015 03 24	NASA Johnson	https://youtu.be/TYUiSldeuIA	Astronaut at a Glance Shannon Walker	A short autobiographical summary of Shannon Walker. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 23	NASA Johnson	https://youtu.be/AGhXKh3HsyA	Expedition 43 Final Inspection	Expedition 43 Soyuz Commander Gennady Padalka with Flight Engineers Mikhail Kornienko of the Russian Federal Space Agency (Roscosmos) and Scott Kelly from NASA, participated in a variety of activities at the Baikonur Cosmodrome in Kazakhstan on March 21 and 23 as they prepared for launch to the International Space Station on March 27 U.S. time (March 28, Kazakh time). The footage includes the crew's traditional media day activities at the Cosmonaut Hotel in Baikonur and their final inspection of the Soyuz TMA-16M spacecraft. Kelly and Kornienko will spend a year aboard the orbital outpost. For a high-resolution version: https://archive.org/details/Exp43Activities150323720p	Transcript Link
2015 03 20	NASA Johnson	https://youtu.be/NLGWvEZ8mYU	Expedition 43 Crew Prepares for Launch	At the Baikonur Cosmodrome in Kazakhstan, Expedition 43 Soyuz Commander Gennady Padalka with Flight Engineers Mikhail Kornienko and Scott Kelly participated in a variety of activities March 14-20 as they prepared for their launch to the International Space Station on March 27 U.S. time (March 28, Kazakh time). Kelly and Kornienko will spend a year aboard the orbital outpost. For a high-resolution version: https://archive.org/details/Exp43Activities150320720p	Transcript Link

2015 03 20	NASA Johnson	https://youtu.be/QGnrYvrFCyA	Space Station Live Opening up Science on a New Expedition	NASA Public Affairs Officer Brandi Dean talks with Expedition 43/44 Lead Increment Scientist Jorge Sotomayor about the research plan for the coming six months on board the International Space Station. The ambitious agenda includes the beginning of experiments for the One Year Crew members, NASA's Scott Kelly and Roscosmos' Mikhail Kornienko, who plan to stay on the station for a year to help scientists learn about how people respond to longer periods in weightlessness to help prepare for future deep space exploration missions. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 03 20	NASA Johnson	https://youtu.be/354nLC3r6WA	Space Station Stories The One Year Mission	In the opening chapter of Space Station Stories, we take a look at the first one year crew to ever fly onboard the orbiting laboratory. NASA astronaut Scott Kelly and Russian cosmonaut Mikhail Kornienko will spend nearly twelve months conducting important human research studies that will provide new insights into how the human body adjusts to weightlessness, isolation, radiation and stress of long-duration spaceflight. This is just the next step in preparing humanity for the ultimate goal: the journey to Mars. Space Station Stories takes you inside the technological marvel that is the International Space Station. Humanity's home in low Earth orbit since 1998, the station continues to be a platform for new discoveries, preparing us for the journeys of tomorrow while benefiting the world of today. HD download link: https://archive.org/details/One-Year-Crew_Resource-Reel	Transcript Link
2015 03 20	NASA Johnson	https://youtu.be/HnkKXgjZHKA	Space to Ground Preparing for Launch 3 20 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 03 19	NASA Johnson	https://youtu.be/vDqQhkeTwJc	Russian Space Pioneer Discusses Golden Anniversary of First Spacewalk	Leonov, who is now 80 years old, stepped out of his Voskhod 2 spacecraft on March 18, 1965 for a 12-minute spacewalk to test his spacesuit and maneuverability. He was followed two months later by American astronaut Edward White, who performed the first U.S. spacewalk in history during the Gemini 4 mission on June 3, 1965. Leonov went on to command the Soyuz 19 spacecraft that conducted the first docking with an American space vehicle --- the Apollo spacecraft commanded by Thomas Stafford --- during the historic Apollo-Soyuz Test Project 40 years ago in July 1975.	Transcript Link

2015 03 19	NASA Johnson	https://youtu.be/gW0fcAukk7Q	Russian Space Pioneer Conducts First Spacewalk - March 18, 1965	Leonov, who is now 80 years old, stepped out of his Voskhod 2 spacecraft on March 18, 1965 for a 12-minute spacewalk to test his spacesuit and maneuverability. He was followed two months later by American astronaut Edward White, who performed the first U.S. spacewalk in history during the Gemini 4 mission on June 3, 1965. Leonov went on to command the Soyuz 19 spacecraft that conducted the first docking with an American space vehicle --- the Apollo spacecraft commanded by Thomas Stafford --- during the historic Apollo-Soyuz Test Project 40 years ago in July 1975.	Transcript Link
2015 03 19	NASA Johnson	https://youtu.be/u2LxBtjNWW4	Russian Space Pioneer Discusses Golden Anniversary of First Spacewalk	Former Russian cosmonaut Alexey Leonov relives the highlights of the spacewalk he conducted 50 years ago – the first spacewalk in history --- during an interview with NASA Public Affairs Officer Rob Navias in Moscow in May 2014. Leonov, who is now 80 years old, stepped out of his Voskhod 2 spacecraft on March 18, 1965 for a 12-minute spacewalk to test his spacesuit and maneuverability. He was followed two months later by American astronaut Edward White, who performed the first U.S. spacewalk in history during the Gemini 4 mission on June 3, 1965. Leonov went on to command the Soyuz 19 spacecraft that conducted the first docking with an American space vehicle --- the Apollo spacecraft commanded by Thomas Stafford --- during the historic Apollo-Soyuz Test Project 40 years ago in July 1975. HD download link: https://archive.org/details/ApolloSoyuzTestProjectVideoFile	Transcript Link
2015 03 19	NASA Johnson	https://youtu.be/bOdw2xYBj3g	Space Station Live Doctor, Flight Surgeon, Astronaut	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with NASA Astronaut Tom Marshburn about his time on the International Space Station during Expedition 34/35, the challenges of keeping up with processes, payloads, and procedures, and why it's all so important.	Transcript Link
2015 03 18	NASA Johnson	https://youtu.be/czBwx2sbNqo	Astronaut at a Glance Janet L. Kavandi	A short autobiographical summary of Janet L. Kavandi. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link

2015 03 18	NASA Johnson	https://youtu.be/nW6oJqsnjY8	Expedition 44 45 crew targets May launch to ISS	NASA astronaut Kjell Lindgren, Russian cosmonaut Oleg Kononenko and Japan Aerospace Exploration Agency astronaut Kimiya Yui will launch to the International Space Station from the Baikonur Cosmodrome in Kazakhstan on May 26. They will join NASA astronaut Scott Kelly, Russian cosmonaut and station commander Gennady Padalka and Russian cosmonaut Mikhail Kornienko as members of Expedition 44. They are scheduled to remain aboard the space station as part of Expedition 45 until returning to Earth in November.	Transcript Link
2015 03 17	NASA Johnson	https://youtu.be/8s5pBS9WrMo	Space Station Live Taking the First Step	NASA Public Affairs Officer Brandi Dean talks with Dr. Millard Reschke, the co-principal investigator of the Field Test experiment, which will gauge the returning One Year Crew's re-adaptation to Earth's gravity at the end of their mission by conducting a series of physical tests on them immediately after they return from space. The experiment seeks to quantify an astronaut's physical changes after an extended time in weightlessness. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 03 17	NASA Johnson	https://youtu.be/girHYV5KnZs	A Moment with Gennady Padalka	A Moment with Gennady Padalka HD download link: https://archive.org/details/One-Year-Crew_Resource-Reel	Transcript Link
2015 03 16	NASA Johnson	https://youtu.be/HTUuwmscQz0	Space Station Live The One Year Experiment	NASA Commentator Pat Ryan talks with Dr. John Charles of NASA's Human Research Program about the science plan for astronaut Scott Kelly and cosmonaut Mikhail Kornienko during the One Year Mission to the International Space Station, which starts with their launch from the Baikonur Cosmodrome March 27.	Transcript Link

2015 03 16	NASA Johnson	https://youtu.be/CoscDrc0lLw	Expedition 43 Crew Departs for Kazakh Launch Site	Expedition 43 Soyuz Commander Gennady Padalka and Flight Engineer Mikhail Kornienko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Scott Kelly and their backups, Alexei Ovchinin and Sergei Volkov of Roscosmos and Jeff Williams of NASA participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia on March 14, which included a visit by Expedition 42 cosmonauts Alexander Samokutyaev and Elena Serova, who returned to Earth March 12 in their Soyuz TMA-14M spacecraft along with Barry Wilmore of NASA (not pictured). Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete their training for the launch of Padalka, Kelly and Kornienko to the International Space Station in the Soyuz TMA-16M spacecraft on March 27 U.S. time (March 28, Kazakh time). Kelly and Kornienko will spend a year aboard the orbital outpost.	Transcript Link
2015 03 13	NASA Johnson	https://youtu.be/0sVdOAvUS4M	Astronaut Barry Wilmore Returns to Houston	Expedition 42 commander Barry Wilmore of NASA arrived at Ellington Field, Houston Thursday night, March 12, following his return to Earth Wednesday, March 11. Wilmore and flight engineers Alexander Samokutyaev and Elena Serova of the Russian Federal Space Agency (Roscosmos) completed a 167-day mission on the International Space Station that included hundreds of scientific experiments and several spacewalks to prepare the orbiting laboratory for future arrivals by U.S. commercial crew spacecraft. They landed in their Soyuz spacecraft at approximately 10:07 p.m. EDT southeast of the remote town of Dzhezkazgan in Kazakhstan and were then flown to their respective home training bases. NASA Video File Available: https://archive.org/details/NASAVideoFileExpedition42BarryWilmoreReturns150313720p	Transcript Link
2015 03 13	NASA Johnson	https://youtu.be/WaCK-JiD16Y	Space to Ground Back to Earth 3 13 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 03 12	NASA Johnson	https://youtu.be/m4RyD18qyjA	A Moment with Scott Kelly	A moment with Scott Kelly. HD download link: https://archive.org/details/One-Year-Crew_Resource-Reel	Transcript Link

2015 03 12	NASA Johnson	https://youtu.be/o2Qsn3FYGwk	A Moment with Mikhail Kornienko	A moment with Mikhail Kornienko. HD download link: https://archive.org/details/One-Year-Crew_Resource-Reel	Transcript Link
2015 03 12	NASA Johnson	https://youtu.be/MYSKlDGJLUY	Space Station Live Shooting the Moon	NASA Commentator Pat Ryan talks with Dr. Vic Cooley, the lead increment scientist for the International Space Station's Expeditions 41 and 42, about some of the science work accomplished on orbit during the just completed mission of astronaut Barry Wilmore and his Russian crewmates. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 03 12	NASA Johnson	https://youtu.be/kjLlGkGmUY4	Expedition 42 Crew Arrives In Kazakhstan	Expedition 42 Soyuz Commander Alexander Samokutyaev and Flight Engineer Elena Serova of the Russian Federal Space Agency (Roscosmos) were greeted in a traditional ceremony at the airport in Karaganda, Kazakhstan on March 12, a few hours after landing along with Expedition 42 Commander Barry Wilmore of NASA in their Soyuz TMA-14M spacecraft near Dzhezkazgan, Kazakhstan. After the ceremony, the crew split up, with Samokutyaev and Serova returning to their training base in Star City, Russia, while Wilmore boarded a NASA plane to return to NASA's Johnson Space Center in Houston. The trio completed 167 days in space following their launch in late September. Fulll Video File in High Resolution available: https://archive.org/details/VideoFileExpedition42CrewArrivesInKazakhstan150312720p	Transcript Link
2015 03 12	NASA Johnson	https://youtu.be/MAX4ELjNs9Y	Astronaut at a Glance Nicole Mann	A short autobiographical summary of Nicole Mann. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link

2015 03 12	NASA Johnson	https://youtu.be/O2KDr8IpLsc	Astronaut at a Glance Nick Hague	A short autobiographical summary of Nick Hague. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 12	NASA Johnson	https://youtu.be/VZEVxnSLFic	Astronaut at a Glance Victor Glover	A short autobiographical summary of Victor Glover. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 12	NASA Johnson	https://youtu.be/YI3dC0HvE2Q	Astronaut at a Glance Anne McClain	A short autobiographical summary of Anne McClain. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 12	NASA Johnson	https://youtu.be/cYFSKM1FobA	Astronaut at a Glance Jessica Meir	A short autobiographical summary of Jessica Meir. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link

2015 03 12	NASA Johnson	https://youtu.be/suFK3GY9voE	Astronaut at a Glance Josh Cassada	A short autobiographical summary of Josh Cassada. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 12	NASA Johnson	https://youtu.be/wjGylXnoVo8	Astronaut at a Glance Christina Hammock Koch	A short autobiographical summary of Christina Hammock Koch. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 12	NASA Johnson	https://youtu.be/JhnDJmY3hYY	Expedition 42 Heading Home	Today is homecoming day for International Space Station Commander Barry “Butch” Wilmore of NASA and Flight Engineers Alexander Samokutyaev and Elena Serova of the Russian Federal Space Agency (Roscosmos). At 3:34 p.m. EDT, the Soyuz hatch closed between the International Space Station and the TMA-14M spacecraft. After spending 167 days aboard the station, Wilmore, Samokutyaev and Serova undocked from the station at 6:44 p.m. to begin their voyage home. Samokutyaev, the Soyuz commander, is at the controls of the Soyuz TMA-14M spacecraft. The departure of Wilmore, Samokutyaev and Serova marks the end of Expedition 42. The Expedition 43 crew members, Commander Terry Virts of NASA, Samantha Cristoforetti of ESA and Anton Shkaplerov of Roscosmos will continue research and maintenance aboard the station and will be joined on March 27 by three additional crew members, NASA’s Scott Kelly and Roscosmos’ Mikhail Kornienko and Gennady Padalka.	Transcript Link
2015 03 11	NASA Johnson	https://youtu.be/WKkwrF6ngxQ	Space Station Live All-Access Science Pass	NASA Commentator Lori Meggs visits the Ames Research Center in California to find out about GeneLab, a NASA project that makes research data from a number of biology experiments done in space available to scientists on the ground, and learns about the supercomputer that stores the research data. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2015 03 11	NASA Johnson	https://youtu.be/DlTcqHNHIFM	Astronaut at a Glance Nicole Stott	A short autobiographical summary of Nicole Stott. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 11	NASA Johnson	https://youtu.be/bziJYKOL-_U	Astronaut at a Glance Sunita Williams	A short autobiographical summary of Sunita Williams. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 11	NASA Johnson	https://youtu.be/ia3IN-c_frg	Astronaut at a Glance Christopher Cassidy	A short autobiographical summary of Christopher Cassidy. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 11	NASA Johnson	https://youtu.be/F8AHLyOKwAU	Astronaut at a Glance Rex J. Walheim	A short autobiographical summary of Rex J. Walheim. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link

2015 03 11	NASA Johnson	https://youtu.be/MbEjFGeazOo	Astronaut at a Glance Catherine Coleman	A short autobiographical summary of Catherine Coleman. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 11	NASA Johnson	https://youtu.be/PjddUTgHkCo	Astronaut at a Glance Eric Boe	A short autobiographical summary of Eric Boe. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 11	NASA Johnson	https://youtu.be/cOybEgMmmNs	Astronaut at a Glance Thomas Marshburn	A short autobiographical summary of Thomas Marshburn. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link
2015 03 11	NASA Johnson	https://youtu.be/eRHbtQI5S1Y	Astronaut at a Glance Robert L. Behnken	A short autobiographical summary of Robert L. Behnken. HD download link: https://archive.org/details/NASAAstronautBiographicalVideos	Transcript Link

2015 03 10	NASA Johnson	https://youtu.be/gaqy8L95Ztg	Monthly ISS Research Video Update for March 2015	See the highlights of recent research conducted on the International Space Station during February.	Transcript Link
2015 03 09	NASA Johnson	https://youtu.be/eb-NpnxFsyU	Space Station Live Launching the Twins Study	NASA Commentator Pat Ryan talks with Dr. Craig Kundrot, the deputy chief scientist of NASA's Human Research Program, about the Twins studies focusing on astronaut Scott Kelly during his upcoming yearlong mission to the International Space Station. Kelly and his twin brother, former astronaut Mark Kelly, will be subjects for a series of ten experiments in which scientists hope to learn more about how living in the space environment impacts the human body by studying identical twins, one on orbit and one on the ground. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 03 06	NASA Johnson	https://youtu.be/eo7k3Hldkjw	Expedition 43 Crew Visits Red Square	Expedition 43 Soyuz Commander Gennady Padalka and Flight Engineer Mikhail Kornienko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Scott Kelly and their backups, Alexei Ovchinin and Sergei Volkov of Roscosmos and Jeff Williams of NASA visited the Gagarin Museum where they viewed historic space artifacts at the Gagarin Cosmonaut Training Center in Star City, Russia March 6. They then toured Red Square and the Kremlin in Moscow, where they laid flowers at the Kremlin Wall where Russian space icons are interred. Padalka, Kelly and Kornienko are scheduled to launch March 27 U.S. time (March 28, Kazakh time), in the Soyuz TMA-16M spacecraft to the International Space Station where Kelly and Kornienko will spend a year in space. For a high-resolution version: https://archive.org/details/VFExp43150306720p	Transcript Link
2015 03 06	NASA Johnson	https://youtu.be/mD-AlAI4Ils	Space Station Live Opening Up the Neurocognitive Toolkit	NASA Public Affairs Officer Dan Huot talks with Dr. Mathias Basner of the University of Pennsylvania Medical School, the principal investigator of the Cognition experiment now underway on the International Space Station. This experiment measures a broad range of an astronaut's cognitive performance to try to quantify if and by how much their abilities to think and act clearly are effected by fatigue and stress during long duration spaceflight. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2015 03 06	NASA Johnson	https://youtu.be/Q-Gn66sZ8Oc	Space to Ground Spacewalks Complete 3 6 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 03 05	NASA Johnson	https://youtu.be/JfPbcEWP4WI	Expedition 43 Crew Undergoes Final Training Outside Moscow 3 5 2015	Expedition 43 Soyuz Commander Gennady Padalka and Flight Engineer Mikhail Kornienko of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Scott Kelly and their backups, Alexei Ovchinin and Sergei Volkov of Roscosmos and Jeff Williams of NASA conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia March 4 and 5. Padalka, Kelly and Kornienko are scheduled to launch March 27 U.S. time (March 28 Kazakh time), in the Soyuz TMA-16M spacecraft to the International Space Station where Kelly and Kornienko will spend a year in space. Included is an interview with Emily Nelson, Expedition 46 Lead Flight Director.	Transcript Link
2015 03 04	NASA Johnson	https://youtu.be/zgX920FKeew	Space Station Live Big Space on the Big Screen	NASA Commentator Lori Meggs talks with movie producer Toni Myers about her film which is now being shot on board the International Space Station. The IMAX movie, targeted for release in spring 2016, will offer beautiful views of the Earth from 250 miles up as well as an inside look at life off of Earth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 02 27	NASA Johnson	https://youtu.be/2AwUnkrqNyw	Astronauts Mark Leonard Nimoy's Passing	NASA Astronaut Mike Fincke and ESA European Space Agency Astronaut Luca Parmitano reflect on the inspiration that actor Leonard Nimoy's character Mr. Spock in the television series Star Trek had on scientists, engineers, space explorers and fans around the globe. For a high-resolution version: https://archive.org/details/150227LeonardNiimoy720p	Transcript Link

2015 02 27	NASA Johnson	https://youtu.be/rx_dj8u3Pvg	Preparing America for Deep Space Exploration Episode 8 Taking Flight	NASA is continuing to make great strides towards sending humans farther than we have ever gone before. Take a look at the work being done by teams all across the nation on NASA's exploration programs, including the Space Launch System, the Orion Crew Capsule and the Ground Systems Development and Operations Program, as they continue to propel human spaceflight into the next generation. HD download link: https://archive.org/details/PreparingAmericaForDeepSpaceExplorationEpisode8TakingFlight	Transcript Link
2015 02 27	NASA Johnson	https://youtu.be/JpBHePRGKek	Space Station Live Go for EVA 31	NASA Commentator Pat Ryan talks with Alex Kanelakos, the Increment 42 Lead EVA Officer, about preparations for a spacewalk this Sunday, March 1, by International Space Station Commander Barry Wilmore and Flight Engineer Terry Virts. The station's Mission Management Team gave unanimous approval for this third spacewalk in nine days after hearing discussion of all the technical preparations, including analysis of the small amount of water found inside Virts' helmet at the end of the previous EVA. The astronauts will lay out cable and antennae for a new rendezvous and navigation system to support dockings to the station by future visiting vehicles, including the new U.S. commercial crew vehicles. Watch Space Station Live, weekdays at 11 a.m. Eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 02 27	NASA Johnson	https://youtu.be/ChrJJZDt14k	Space to Ground Spacewalking Duo 2 27 2015	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For a high resolution version: https://archive.org/details/SpaceToGround	Transcript Link
2015 02 26	NASA Johnson	https://youtu.be/4VxPDThB1MI	Space Station Live Floatin' Molten Metal	NASA Public Affairs Officer Amiko Kauderer talks with Dr. Douglas Matson of Tufts University about the Electromagnetic Levitator, a piece of physics experiment hardware operating in the station's Columbus laboratory. The EML is a furnace that can heat metals to more than 2000 degrees Celsius and then cool them rapidly, and by doing so in a weightless environment—with the samples suspended in mid-air—allows scientists to more clearly observe some of the complex core processes of physics. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2015 02 25	NASA Johnson	https://youtu.be/YxF6qSZA10o	Expedition 42 US EVA %2331 Preview	Lead Spacewalk Officer for US EVA #31 Art Thomason narrated this animation that shows the upcoming tasks for the third and final spacewalk planned for Expedition 42. NASA astronauts Barry Wilmore and Terry Virts are preparing the International Space Station for a pair of international docking adapters (IDAs) that will allow future commercial crew vehicles to dock. During US EVA #31, Wilmore and Virts will work to install the Common Communications for Visiting Vehicles (C2V2) system which will aid future visiting commercial crew vehicles during rendezvous and docking. The system consists of two booms with four antennas and three specialized reflectors that will require 400 feet of new cabling to be routed from the center of the station structure out to the two booms. For a high-resolution version: https://archive.org/details/USEVA31720p	Transcript Link
2015 02 24	NASA Johnson	https://youtu.be/ZBdzOjtWNFQ	Space Station Live Preparing SPHERES for Flight	NASA Commentator Lori Meggs visits the SPHERES lab at NASA's Ames Research Center to learn about the bowling ball-shaped satellites that are used on the International Space Station for technology development experiments and educational activities.	Transcript Link
2015 02 23	NASA Johnson	https://youtu.be/FXHZE3CiJQs	Expedition 42 US EVA %2330 Preview	Lead Spacewalk Officer for US EVA #30 Sarah Korona narrated this animation that shows the upcoming tasks for the second of three spacewalks planned for Expedition 42. NASA astronauts Barry Wilmore and Terry Virts are preparing the International Space Station for a pair of international docking adapters (IDAs) that will allow future commercial crew vehicles to dock. During US EVA #30, Wilmore and Virts will work to finish routing more than 360 feet of cables that will provide power and communication capabilities with the new IDAs. They will also lubricate one of Canadarm2's two latching end effectors, which serve as tip or base for the robotic arm and prepare the Tranquility module for the relocation of the Permanent Multipurpose Module and the new Bigelow Expanded Activity Module later this year. For a high-resolution version: https://archive.org/details/USEVA30720p	Transcript Link
2015 02 20	NASA Johnson	https://youtu.be/Z2qtIfuoyig	Space Station Live The ABCs of IDA	NASA Public Affairs Officer Kyle Herring talks with Sean Kelly, NASA Senior Project Manager for the Relocation and IDA, about new hardware coming to the International Space Station this year. The International Docking Adapters, fabricated at a Boeing facility near the Johnson Space Center in Houston, will be installed on two of the station's docking ports so future commercial crew vehicles can attach themselves to the station. The upcoming spacewalks by Exp. 42 crew members Barry Wilmore and Terry Virts will install cabling to supply power to the IDAs when they are installed on the Harmony module.	Transcript Link

2015 02 20	NASA Johnson	https://youtu.be/BNgfHYZNybQ	Space Station Live Countdown to Spacewalk	NASA Public Affairs Officer Brandi Dean talks with International Space Station Operations Integration Manager Kenny Todd about the upcoming series of spacewalks to be conducted by U.S. astronauts Barry Wilmore and Terry Virts. Todd explains the reasoning behind the postponement of the first two spacewalks by one day—to Feb. 21 and Feb. 25—which will begin the preparations for installation later this year of two International Docking Adapters which will permit future commercial crew vehicles to dock to the station. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 02 20	NASA Johnson	https://youtu.be/TSu4ZHe772U	Space to Ground Progress Arrives 2 20 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 02 19	NASA Johnson	https://youtu.be/wlMGcpRo_dQ	Expedition 42 US EVA %2329 Animation	NASA astronauts Barry Wilmore and Terry Virts are preparing to ready the International Space Station for a pair of international docking adapters (IDAs) that will allow future commercial crew vehicles to dock. During US EVA #29, Wilmore and Virts will work to route more than 360 feet of cables that will provide power and communication capabilities with the new IDAs. Planned to last six and a half hours, it will be the first of three consecutive spacewalks the duo is marked for. For a high-resolution version: https://archive.org/details/USEVA29WithVoiceover150219720p	Transcript Link
2015 02 19	NASA Johnson	https://youtu.be/fsqLLgAkGuE	Space Station Live A Big Heart	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Dr. Ben Levine, co-principal investigator of the Integrated Cardiovascular experiment, about the changes to the hearts of astronauts on the International Space Station and how results of the experiment are changing lives on Earth.	Transcript Link

2015 02 13	NASA Johnson	https://youtu.be/CNsuNsqse4E	Space Station Live Bon Voyage, ATV	NASA Public Affairs Officer Nicole Cloutier-Lemasters talks with astronaut Luca Parmitano of ESA (European Space Agency) about the final mission of ESA's Automated Transfer Vehicle program. The Georges Lemaitre, the fifth European cargo vehicle to service the International Space Station, is due to undock this weekend and conclude a program that delivered 34 tons of supplies to the station since the first vehicle launched almost seven years ago. Technology derived from ATV is being incorporated into NASA's new Orion spacecraft, which will carry astronauts on deep space exploration missions in the future. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 02 13	NASA Johnson	https://youtu.be/ajlTxozr9w0	Space to Ground Dragon Returns 2 13 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 02 12	NASA Johnson	https://youtu.be/ChDXe1BqKuY	Space Station Live Prepping for Walking the Walk	NASA Public Affairs Officer Nicole Cloutier Lemasters talks with Dr. Sandra Moore, a spacewalk specialist at the Johnson Space Center in Houston, about preparing International Space Station crew members for spacewalks. Some of those spacewalks don't take place until months after the astronauts arrive on orbit, so the protocols include training astronauts to perform the type of tasks that are useful on spacewalks in general in addition to working through the entire timeline of a scheduled assembly task. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 02 11	NASA Johnson	https://youtu.be/3oNIadLKexM	Space Station Live Refrigerator on Loan	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Lisa Smith, Mission Operations Lab Training Team Lead at Marshall, about how one piece of hardware is educating a group of students as well as NASA ground teams. The student-built mockup of GLACIER, or General Laboratory Active Cryogenic ISS Experiment Refrigerator, is being used for training at Marshall for the next six months.	Transcript Link

2015 02 11	NASA Johnson	https://youtu.be/XE3xjwXy1Fg	%23SuitUp with NASA for the Journey to Mars	In 2015, NASA will be recognizing 50 years of spacewalking, or Extravehicular Activity (EVA). Throughout the year, NASA will be celebrating accomplishments such as these with a look towards the future. Spacewalking enhances our exploration capabilities and enables humans to go deeper into the solar system in part by suiting up. Two important dates to remember are March 18, the anniversary of the first spacewalk by Soviet cosmonaut Alexei Leonov, who left his Voskhod-2 vehicle for a 12-minute tethered walk, and June 3, when NASA's Ed White exited his Gemini-4 capsule using a hand-held oxygen jet gun to push himself from the hatch for a 23-minute tethered spacewalk. So, #SuitUp with us throughout the year and join us for the #JourneytoMars. For more information: http://www.nasa.gov/suitup/ HD download link: https://archive.org/details/SuitUpWithNASAForTheJourneyToMars	Transcript Link
2015 02 07	NASA Johnson	https://youtu.be/TOAOh-3et-s	StationLIFE Cardiovascular Health - Feb 2015	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson hosts a focus on cardiovascular health in space. - Learn the important habits for maintaining a healthy cardiovascular system, both in space and on the Earth - Find out how an astronaut's heart health can even effect their vision - Hear from a NASA Flight Surgeon on how we work to keep astronauts healthy and fit - Witness a station technology being used to improve lives right here on the ground - And much more! Be sure to check back every month to see more of how we're working off the Earth, for the Earth. http://www.nasa.gov/station	Transcript Link
2015 02 06	NASA Johnson	https://youtu.be/2h4YXhle0Tk	Space to Ground The Cable Guys 2 6 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2015 02 05	NASA Johnson	https://youtu.be/NUK5Ei857bM	Space Station Live Still to Come in 2015	NASA Commentator Amiko Kauderer talks with Kenny Todd, the International Space Station Mission Operations Integration Manager, about some of the highlights of station activities in the coming months: a series of spacewalks to prepare the station for new docking adapters that will accommodate new commercial crew vehicles, next month's launch of the station's first crew embarking on a mission lasting one year, a busy schedule of arriving and departing cargo vehicles, and the upcoming 15th anniversary of the arrival of the station's first permanent crew. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 02 05	NASA Johnson	https://youtu.be/Q99DaXJdErk	Monthly ISS Research Video Update for February 2015	See the highlights of recent research conducted on the International Space Station during January.	Transcript Link
2015 02 05	NASA Johnson	https://youtu.be/iUyu7W0XuX0	Aurora Touching Sunrise	"#sunrise touches #aurora. All we need now are angels singing" #AstroButch	Transcript Link
2015 02 04	NASA Johnson	https://youtu.be/BXGH4-QqypE	Space Station Live Studying Basic Biology in Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Ruth Globus, a project scientist at NASA's Ames Research Center, about her experiment studying rodents in a special enclosure on the International Space Station. Rodent Research is designed to learn how the space environment effects humans on orbit, as well as gain knowledge about basic biology that could help improve human health on Earth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2015 02 01	NASA Johnson	https://youtu.be/1fuALI89ebo	NFL Super Bowl Message from 260 Miles Above Earth	International Space Station Commander Barry "Butch" Wilmore and Flight Engineer Terry Virts take a break from scientific research to watch Super Bowl XLIX from their sky box and orbiting laboratory 260 miles above Earth, but are more excited to one day watch from Mars.	Transcript Link
2015 01 31	NASA Johnson	https://youtu.be/X5X9GJxaJB4	Are You an %23ISSFan	Thanks for being an #ISSFan! The International Space Station is getting busier everyday and our social media accounts are growing too. Keep following us and share with your friends the latest mission updates, research news, fascinating facts, briefing events and other activities taking place regularly from space and on Earth.	Transcript Link
2015 01 30	NASA Johnson	https://youtu.be/wXBlbQCdeaQ	Space to Ground Winter Weather 1 30 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 01 29	NASA Johnson	https://youtu.be/mAX67AfvD9A	ISS Benefits for Humanity Train Like an Astronaut	Developed in cooperation with NASA scientists and fitness professionals working directly with astronauts, the Train Like an Astronaut program is an exciting and engaging way to get the children of today up and moving. The project uses the excitement of exploration to challenge students to set physical fitness and research goals, practice physical fitness activities, and research proper nutrition, enabling each child to become our next generation of fit explorers! The International Space Station is a blueprint for global cooperation and scientific advancements, a destination for a growing commercial marketplace in low-Earth orbit and a test bed for demonstrating new technologies. The space station is the springboard to NASA's next great leap in exploration, including future missions to an asteroid and Mars. For more information: http://go.nasa.gov/1zhkuW9 HD download link: https://archive.org/details/ISS-Benefits-For-Humanity_Train-Like-an-Astronaut	Transcript Link

2015 01 28	NASA Johnson	https://youtu.be/vf3dBiAm0KE	2015 Blizzard – Time-Lapse video from International Space Station	NASA Astronaut Terry Virts, aboard the International Space Station, took photos of the 2015 blizzard in the northeast United States during a night pass Wednesday, Jan. 28, as he orbited 260 miles overhead. This time-lapse video shows his track from Washington, D.C., over Baltimore to New York City and Boston. The sequence also shows lightning and a bit of aurora. Virts is a member of the Expedition 42 crew aboard the station, and has been in space since Nov. 23, 2014. http://www.nasa.gov/station/ HD download link: https://archive.org/details/2015Blizzard-Time-LapseVideoFromInternationalSpaceStation	Transcript Link
2015 01 28	NASA Johnson	https://youtu.be/SGdkgV0o8xg	Space Station Live Behind the Glamor of Living in Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with NASA Astronaut Don Pettit, who participated in dozens of in-flight experiments during 370 days off the planet and says some of the very important research is far from glamorous. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 01 27	NASA Johnson	https://youtu.be/yR6VnGvWFks	Space Station Live Fighting Coarsening in Colloids	NASA Commentator Pat Ryan talks with Dr. Matthew Lynch of Proctor & Gamble, the principal investigator of the Advanced Colloids Experiment—Microscopy on the International Space Station. The ACE-M1 experiment is using the weightlessness environment of space to examine coarsening—the tendency of microscopic particles in gels and creams to clump together—with an eye toward improving manufacturing processes so that those consumer products will last longer. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 01 26	NASA Johnson	https://youtu.be/df1ck6RjdYc	Space Station Live Micro 5	NASA Commentator Brandi Dean talks with Dr. Cheryl Nickerson of Arizona State University about her International Space Station experiment Micro-5, which is designed to improve our understanding of the risk of infections faced by long-duration space travelers. The experiment was delivered by the recent Dragon cargo ship, which will return experiment samples to Earth for analysis.	Transcript Link

2015 01 23	NASA Johnson	https://youtu.be/m-vwZ2ybdMg	Space to Ground CATS Out of The Bag 1 23 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 01 22	NASA Johnson	https://youtu.be/V3XxFX7Hhk0	Space Station Live Biochemically Profiling Astronauts in Space	NASA Commentator Brandi Dean speaks with Dr. Scott M. Smith of the Biomedical Research and Environmental Sciences Division at NASA's Johnson Space Center in Houston about his nutritional experiments Biochemical Profile and Pro K which are being conducted with crew members on the International Space Station. Smith is investigating the different ways in which a body on a long mission in space needs and uses nutrients as compared to one on Earth, with an eye toward ensuring the health of the explorers who will make deep space flights beyond Earth orbit in the years to come. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 01 21	NASA Johnson	https://youtu.be/y4mVmXeefBw	Space Station Live Immunity in Microgravity	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with the University of Houston's Richard Simpson, the principal investigator of the Salivary Markers experiment on the International Space Station, which is studying the immune system in microgravity.	Transcript Link
2015 01 20	NASA Johnson	https://youtu.be/ZDGF6OhTtr0	Space Station Live Why Fruit Flies	NASA Commentator Brandi Dean talks with Dr. Vic Cooley, the lead increment scientist for the International Space Station's Expeditions 41 and 42, about the Fruit Fly Lab experiment that arrived on the station on the most recent Dragon cargo ship. The fruit flies are an animal model for the human immune system for scientists assessing biological impacts of space flight on human beings to prepare for future long-duration exploration missions to deep space. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2015 01 16	NASA Johnson	https://youtu.be/5fkvR9G4HWM	Space to Ground Capturing a Dragon 1 16 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 01 15	NASA Johnson	https://youtu.be/AcvJfX24KoA	Veteran Crew to Fly for One Year	The launch of Soyuz TMA-16M will return three veteran space fliers to the International Space Station, with two of them embarking on the first ever yearlong mission to this vehicle.	Transcript Link
2015 01 14	NASA Johnson	https://youtu.be/k8eI-D_qQg0	ISS Mission Control Console Interview with the Digital Learning Network	NASA Public Affairs Officer Dan Huot and Orion Spacesuit Subsystem Manager Richard Watson answer questions from students from Bunker Hill Elementary School, Middletown, DE. The event was part of a day-long Mission Space Day held at the school, where students are learning about human spaceflight, current work and science experiments performed on the International Space Station, living and working in space, and the space environment.	Transcript Link
2015 01 14	NASA Johnson	https://youtu.be/ZIr7XmJ0WS4	Space Station Live Fruit Fly Lab	NASA commentator Lori Meggs talks with Dr. Sharmila Bhattacharya of the NASA Ames Research Center, the principal investigator of the Fruit Fly Lab experiment that arrived at the International Space Station on the recent Dragon cargo ship. More than 200 fruit flies are part of the research, standing in as models for the human immune system for studies of the biological effects of living in low Earth orbit for extended periods. Understanding immune system changes on a molecular level with the fruit flies can provide insight into how human immune systems combat pathogens. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2015 01 14	NASA Johnson	https://youtu.be/q6uGES6CVYo	Space Station Live Responding to the Unexpected	NASA Public Affairs Officer Dan Huot talks with International Space Station Program Manager Mike Suffredini about the quick response on orbit and in Mission Control Houston to indications of a possible ammonia leak in the U.S. Operating Segment of the vehicle which prompted evacuation of the crew members to the Russian segment of the station. The latest indications are that there was not an actual leak of ammonia, and flight controllers are working through the procedures to get all systems back to full operation so the crew can return to the USOS of the station. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2015 01 11	NASA Johnson	https://youtu.be/b42WNnKVS2A	StationLIFE Nutrition Jan 2015	Every month on StationLIFE, we'll focus on a scientific area where the International Space Station is conducting groundbreaking research. This month, astronaut Tracy Dyson hosts a focus on nutrition in space. - Find out how food is prepared for the astronauts aboard the International Space Station and how it gets there. - Some of the new technologies enabling food growth in space - How nutrition plays a role in managing the effects of space travel on the body - Learn some of the astronaut's favorite foods - And much more! Be sure to check back every month to see more of how we're working off the Earth, for the Earth. www.nasa.gov/station	Transcript Link
2015 01 09	NASA Johnson	https://youtu.be/8G3-3gP6h98	Space to Ground Flying High 1 9 15	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2015 01 07	NASA Johnson	https://youtu.be/Zy5iLOGMiUc	Space Station Live Nutrition in Space	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Scott Smith, a nutritional biochemist at the Johnson Space Center, about his Nutrition study on the International Space Station and how the things we've learned relate to most everyone on Earth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2014 12 31	NASA Johnson	https://youtu.be/rveJ_STbBjw	Astronaut Terry Virts Setting up Robonaut	Astronaut Terry Virts Setting up Robonaut HD download link: https://archive.org/details/Vine106-HighResolution	Transcript Link
2014 12 30	NASA Johnson	https://youtu.be/FZ1xCAFasRA	Expedition 42 New Year's Message	International Space Station Commander Barry Wilmore and Flight Engineer Terry Virts send Happy New Year wishes to the everyone on Earth as they get ready to start 2015 on orbit.	Transcript Link
2014 12 29	NASA Johnson	https://youtu.be/RkNN1nVLhag	Birthday Wishes to Space Station Commander Wilmore	Flight Director Chris Edelen and the Houston Flight Control Team gathered in Mission Control on Monday, Dec. 29, to wish Space Station Commander Barry "Butch" Wilmore a happy fifty-second birthday in space.	Transcript Link
2014 12 26	NASA Johnson	https://youtu.be/_Oo9Hm6p3cI	Space to Ground 2014 Off The Earth, For The Earth 12 26 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 12 23	NASA Johnson	https://youtu.be/iIcMvn1g-NA	Space Station Live This is Your Brain on Microgravity	NASA Public Affairs Officer Brandi Dean speaks with Dr. Rachael Seidler, the principal investigator of the NeuroMapping experiment, which had its first data takes on orbit today. Through sensory, motor and cognitive testing of International Space Station crew members before, during and after a flight, NeuroMapping is looking into whether and how long-duration exposure to the spaceflight environment changes brain structure and function.	Transcript Link
2014 12 23	NASA Johnson	https://youtu.be/0zLp1bINKW4	93 Million Miles	We are off the earth, for the earth. NASA and its international partners have successfully been living continuously on the International Space Station (ISS) for over 14 years. This “Home” in space gives us a tremendous view of earth our home. During 6 month missions to space, Astronauts and Cosmonauts are able to communicate with their families in their homes. As NASA begins to explore beyond low earth orbit, “Home” will take on a whole new meaning. Home is inside of you, whether its mars, the ISS, earth, or where you hang your hat (space helmet). This video is set to the song “93 Million Miles” by Jason Mraz. Intermixed are selections of video that show the beauty of planet Earth (home) as seen from the space station and scenes of astronauts and cosmonauts performing science and day-to-day activities.	Transcript Link
2014 12 22	NASA Johnson	https://youtu.be/W8RtvWccU-E	Space Station Astronauts Say Merry Christmas and Thank You to the Troops	Space Station astronauts Capt. Barry Wilmore and Col. Terry Virts send a message to the troops wishing them a Merry Christmas and thanking them for their service.	Transcript Link
2014 12 19	NASA Johnson	https://youtu.be/MtWzuZ6WZ8E	Astronaut’s-Eye View of NASA’s Orion Spacecraft Re-entry	New video recorded during NASA’s Orion return through Earth’s atmosphere provides viewers a taste of what the vehicle endured as it returned through Earth’s atmosphere during its Dec. 5 flight test. The video begins 10 minutes before Orion's 11:29 a.m. EST splashdown in the Pacific Ocean, just as the spacecraft was beginning to experience Earth's atmosphere. Peak heating from the friction caused by the atmosphere rubbing against Orion's heat shield comes less than two minutes later, and the footage shows the plasma created by the interaction change from white to yellow to lavender to magenta as the temperature increases. The video goes on to show the deployment of Orion’s parachutes and the final splash as it touches down.	Transcript Link

2014 12 19	NASA Johnson	https://youtu.be/UAApvdPJAcY	Space to Ground Vantage Point 12 19 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 12 17	NASA Johnson	https://youtu.be/PuF6x6S9D28	Space Station Live Untangling Alzheimer's Proteins on Orbit	NASA Public Affairs Officer Brandi Dean speaks with Dr. Sam Durrance of the Florida Institute of Technology about his space station research NanoRacks Self Assembly in Biology and Origins of Life, launching soon on the next Dragon cargo ship. The experiment will grow protein fibers implicated in Alzheimer's disease for comparison with fibers grown on Earth to improve our understanding of neurodegenerative diseases and potentially lead to the development of new treatment methods.	Transcript Link
2014 12 17	NASA Johnson	https://youtu.be/Z3MGF3ASGU0	Space Station Live ISS The Research Possibilities are Endless	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with NASA Chief Scientist Ellen Stofan about research on the International Space Station and why the orbiting laboratory is so valuable.	Transcript Link
2014 12 15	NASA Johnson	https://youtu.be/Kqj81JN84Es	Johnson Space Center 2014 Highlights	2014 was quite a year for NASA's Johnson Space Center. Some highlights include: Support to four crews doing research on the International Space Station, the first Vine video was sent from space by Astronaut Reid Wiseman, the start of a new weekly web video look at what's happening on the station called "Space to Ground," a National Geographic special called "Live from Space" hosted from Mission Control, the "Rise of Independence" shuttle replica atop the Shuttle Carrier Aircraft at Space Center Houston, the first 3-D print from space, NASA Feeds Families donations, and capping the year off, the successful first test flight for Orion, NASA's human spacecraft for future exploration. Follow NASA's Johnson Space Center on social media: https://twitter.com/NASA_Johnson https://www.facebook.com/NASAJSC?ref=br_tf http://instagram.com/nasajohnson	Transcript Link

2014 12 12	NASA Johnson	https://youtu.be/LCbRxZrlGso	Space Station Live Yankee Clipper Ready to Sail Again	NASA Public Affairs Officer Nicole Cloutier-Lemasters talks with Dr. Jeff Goldstein, director of the Student Spaceflight Experiments Program, about the effort to prepare the student experiment payload known as Yankee Clipper II for re-flight to the International Space Station on the Dragon supply ship launching later this month. The original set of experiments was lost on a Cygnus cargo vehicle in October but reconstituted in a matter of weeks for a second launch attempt. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2014 12 12	NASA Johnson	https://youtu.be/xFPm4G3jjwc	Space to Ground Spacesuit Tune Up -- 12 12 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 12 10	NASA Johnson	https://youtu.be/tmj3z-P-V9Y	Space Station Live Improving Everyday Products on Earth through the ISS	NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Matthew Lynch, the principal scientist at Procter & Gamble about colloidal research on the International Space Station and how it's helping to improve products we use every day here on Earth. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2014 12 09	NASA Johnson	https://youtu.be/TMQw8u4Ys0c	Exploring Beyond	Orion's first flight test was a critical step on our journey to Mars, but it wasn't the final step. NASA is building the systems we need to allow humans to explore beyond low-Earth orbit. HD download link: https://archive.org/details/ExploringBeyond	Transcript Link

2014 12 09	NASA Johnson	https://youtu.be/6-x4Z8JyKY4	Space Station Live Aerosols in a CATS Eye	NASA Public Affairs Officer Nicole Cloutier-Lemasters talks with Dr. Matthew McGill and Dr. John Yorks of NASA's Goddard Space Flight Center in Greenbelt, MD, about CATS (Cloud-Aerosol Transport System), their aerosol-measuring remote sensing unit that's flying to the International Space Station on a cargo vehicle next week. CATS uses a LiDAR system to provide a better understanding of particulate coverage in the atmosphere for scientists modeling Earth's climate feedback processes. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2014 12 08	NASA Johnson	https://youtu.be/_lGw0MXkIss	Monthly ISS Research Video Update for November 2014	Highlights of recent research conducted on the International Space Station.	Transcript Link
2014 12 05	NASA Johnson	https://youtu.be/8JE8Nk96wWE	Space to Ground Out for a Spin 12 5 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 12 03	NASA Johnson	https://youtu.be/jPqVGsilZGQ	Orion Versatility	Orion is designed to take astronauts to multiple deep space destinations. Engineer Nujoud Merancy explains how it manages to be so versatile in this video. HD download link: https://archive.org/details/Orion_Versatility	Transcript Link

2014 12 03	NASA Johnson	https://youtu.be/MyNutgR-BJo	Sesame Street Characters Send Mementos to Launch Onboard Orion	Orion will be carrying some special items into space on its Dec. 4 flight test, and Sesame Street helped with the packing list! For more information, visit http://www.nasa.gov/content/sesame-street-characters-on-board-with-orion/#.VHYtwDHF98E.	Transcript Link
2014 12 03	NASA Johnson	https://youtu.be/JlM3kfxEVdg	Space Station Live One Day to Orion	NASA Public Affairs Officer Brandi Dean talks with Nujoud Merancy, the mission planning and analysis lead for NASA's next human spacecraft, about the plans for Orion's first test flight on Dec. 4, 2014, and the data expected to be obtained about the performance of all the spacecraft systems—especially the heat shield and parachute systems—during the four and a half hour flight.	Transcript Link
2014 12 02	NASA Johnson	https://youtu.be/rQ9vJ5BCjUc	Space Station Live Cyclops Hits the Target	NASA TV commentator Kyle Herring talks with Daniel Newswander, NASA's Cyclops Project Manager, about the inaugural use of the Cyclops small satellite launcher, which successfully deployed SpinSat, a Naval Research Laboratory satellite, from the International Space Station on Nov. 28, 2014.	Transcript Link
2014 12 01	NASA Johnson	https://youtu.be/cM4qKfNuFX4	Orion Cockpit	Orion's December flight test will be uncrewed, but the spacecraft is meant to carry people. Astronaut Lee Morin shows off the cockpit future Orion crews will use in this video. HD Download link: https://archive.org/details/Orion_Cockpit	Transcript Link

2014 11 28	NASA Johnson	https://youtu.be/QteZkWsJ1I	Orion I'm on Board – Walter E. Jones	Orion's flight test on Dec. 4 will be a critical step in our journey to explore deep space – and Walter E. Jones is "on board!" HD Download link: https://archive.org/details/OrionImOnBoard-WalterE.Jones	Transcript Link
2014 11 28	NASA Johnson	https://youtu.be/G62Mnt9bmcI	Space to Ground ISS Thanksgiving 11 28 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 11 27	NASA Johnson	https://youtu.be/foFz0aQUYps	O is for ...	O is for Orbit -- and Orion! -- as astronaut Butch Wilmore explains from onboard the International Space Station. Orion will join the space station in space for two orbits around Earth on Dec. 4. For more information, visit www.nasa.gov/orion.	Transcript Link
2014 11 26	NASA Johnson	https://youtu.be/SA-lxPubG8k	Space Station Live Thanksgiving Feast on Orbit	NASA Commentator Pat Ryan talks with International Space Station Food System Manager Vickie Kloeris about the types of food that are prepared for crews on orbit and the selections available for the Expedition 42 Thanksgiving celebration. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link

2014 11 26	NASA Johnson	https://youtu.be/2XGjhl1c6fg	Space Station Live A Pain in the Back	Space Station Live: A Pain in the Back NASA Commentator Lori Meggs at the Marshall Space Flight Center speaks with Jojo Sayson, a co-investigator for the Intervertebral Disc Damage study, about research underway to understand the causes of back pain suffered by crew members while working in weightlessness on the International Space Station.	Transcript Link
2014 11 26	NASA Johnson	https://youtu.be/qZxXh0Yh5gI	Orion's First Flight Test on NASA TV	Watch Orion's first fight test unfold on NASA Television December 4, 2014. Orion is in the final stages of preparation for the uncrewed flight test that will take it 3,600 miles above Earth on a 4.5-hour mission to test many of the systems necessary for future human missions into deep space. After two orbits, Orion will reenter Earth's atmosphere at almost 20,000 miles per hour, and reach temperatures near 4,000 degrees Fahrenheit before its parachute system deploys to slow the spacecraft for a splashdown in the Pacific Ocean. HD download link: https://archive.org/details/OrionsFirstFlightTestOnNASATV	Transcript Link
2014 11 26	NASA Johnson	https://youtu.be/wLZyqBKhDPo	Orion Rolls to the Launch Pad	NASA's Orion spacecraft left the Launch Abort System Facility, where assembly on the vehicle was completed in October, and began making its way to Space Launch Complex 37 at Cape Canaveral Air Force Station on Tuesday, Nov. 11. It's scheduled to launch from there atop of a United Launch Alliance Delta IV Heavy rocket on December 4 for a 4.5-hour, two-orbit flight that will test its critical systems.	Transcript Link
2014 11 25	NASA Johnson	https://youtu.be/fAMqb77Dmzk	Orion Parachutes	Orion's parachutes slow the spacecraft down from 300 mph to 20 mph before splashdown. Engineer Tara Radke explains how they work in this video. HD Download Link: https://archive.org/details/Orion_Parachutes	Transcript Link

2014 11 24	NASA Johnson	https://youtu.be/KmSRAh7IElk	Expedition 42 Crew Profile	International Space Station Exp. 42 crew members Barry Wilmore, Alexander Samokutyaev, Elena Serova, Terry Virts, Anton Shkaplerov and Samantha Cristoforetti discuss their personal histories and their reasons for dedicating their careers to space exploration.	Transcript Link
2014 11 24	NASA Johnson	https://youtu.be/5tguE8BEOCI	Sesame Street is On Board with Orion	Elmo is excited to see Orion launch on its first flight December 4th!	Transcript Link
2014 11 24	NASA Johnson	https://youtu.be/ieR7yhigASg	Thanksgiving Message from the International Space Station	NASA astronaut and Expedition 42 commander Barry “Butch” Wilmore delivers a special Thanksgiving message from the International https://archive.org/details/Expedition42ThanksgivingMessage720p	Transcript Link
2014 11 24	NASA Johnson	https://youtu.be/5nSH4KzsJ2I	New Crew Welcomed Aboard Space Station	After docking their Soyuz TMA-15M spacecraft to the Rassvet module of the International Space Station, Expedition 42/43 Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Terry Virts and Flight Engineer Samantha Cristoforetti of the European Space Agency opened hatches and were greeted by station Commander Barry Wilmore of NASA and Flight Engineers Alexander Samokutyaev and Elena Serova of Roscosmos.	Transcript Link

2014 11 24	NASA Johnson	https://youtu.be/inJ18-aK-3Q	Expedition 42 43 Crew Docks to the Space Station	After launching earlier in the day in their Soyuz TMA-15M spacecraft from the Baikonur Cosmodrome in Kazakhstan, Expedition 42/43 Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Terry Virts and Flight Engineer Samantha Cristoforetti of the European Space Agency arrived at the International Space Station on November 24 following a four-orbit, six-hour rendezvous. They docked their craft to the Rassvet module on the Russian segment of the complex.	Transcript Link
2014 11 23	NASA Johnson	https://youtu.be/UxlWfjjNUcE	Expedition 42 43 Launches to the International Space Station	Expedition 42/43 Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Terry Virts and Flight Engineer Samantha Cristoforetti of the European Space Agency launched on the Russian Soyuz TMA-15M spacecraft on November 24, Kazakh time from the Baikonur Cosmodrome in Kazakhstan to begin a six-hour journey to the International Space Station.	Transcript Link
2014 11 21	NASA Johnson	https://youtu.be/1WHdQ7QOeiE	Space Station Live - Ready to Launch	Just days before his scheduled launch from the Baikonur Cosmodrome, NASA Astronaut Terry Virts talks with public affairs officer Brandi Dean about the training for his flight, launch day activities, and what he's looking forward to during his six-month mission to the International Space Station. The interview was conducted Nov. 5, 2014, from Star City, Russia.	Transcript Link
2014 11 21	NASA Johnson	https://youtu.be/18aES_kmF9k	Expedition 42 43 Soyuz Moved To Launchpad November 21, 2014	The Soyuz TMA-15M spacecraft and its booster were moved to the launch pad at the Baikonur Cosmodrome in Kazakhstan on a railcar Nov. 21 for final preparations before launch to the International Space Station on Nov. 24, Kazakh time. The Soyuz TMA-15M will carry Expedition 42/43 Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency, NASA Flight Engineer Terry Virts and Flight Engineer Samantha Cristoforetti of the European Space Agency to the space station for a 5 ½-month mission.	Transcript Link

2014 11 21	NASA Johnson	https://youtu.be/zMYkjggNvC0	Space to Ground Space Bound 11 21 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 11 20	NASA Johnson	https://youtu.be/Me0_BFPoJl4	The Expedition 42 43 Soyuz Spacecraft and Crew Are Prepared for Launch	At the Baikonur Cosmodrome in Kazakhstan, Expedition 42/43 Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Terry Virts and Flight Engineer Samantha Cristoforetti of the European Space Agency, climbed aboard their Soyuz TMA-15M spacecraft in the Integration Facility November 19 for a final “fit check” dress rehearsal, the day before the Soyuz was mated to its booster November 20 in advance of its move to the launch pad. The trio is preparing for liftoff on November 24, Kazakh time, for a five and a half month mission on the International Space Station.	Transcript Link
2014 11 19	NASA Johnson	https://youtu.be/nRahIBmnHXY	New Crew, New Plans for the International Space Station	A quick look at the immediate plans for the mission on the International Space Station, starting with the arrival of the new crew members: NASA astronaut Terry Virts, European Space Agency astronaut Samantha Cristoforetti, and cosmonaut Anton Shkaplerov. The flight plan, designed to learn how to help people safely live and work in space, supports the effort to send astronauts to an asteroid and to Mars in the coming years. It includes the early steps of reconfiguring station modules to accommodate future commercial crew vehicles, doing experiments that provide benefits to people on Earth today, including research into 3-D printing, fire suppression, and protecting astronauts’ visual acuity, and the beginning of the first yearlong mission in this station’s history.	Transcript Link
2014 11 19	NASA Johnson	https://youtu.be/XH4VVpfr9Bs	Orion Heat Shield	Orion’s heat shield has to endure temperatures near 4000 degrees Fahrenheit in its December flight test. Engineer Molly White explains how it works in this video. HD Download link: https://archive.org/details/Orion_Heat-Shield	Transcript Link

2014 11 18	NASA Johnson	https://youtu.be/ykVJQnFrcro	Expedition 42 43 Crew Prepares for Launch in Kazakhstan	At the Baikonur Cosmodrome in Kazakhstan, Expedition 42/43 Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Terry Virts and Flight Engineer Samantha Cristoforetti of the European Space Agency participated in a variety of activities from November 11-18 as they prepared for their launch to the International Space Station on November 24, Kazakh time, in the Soyuz TMA-15M spacecraft.	Transcript Link
2014 11 17	NASA Johnson	https://youtu.be/6BAy2fiBElU	Space Station Live Setting up a Machine Shop in Space	Niki Werkheiser, NASA's 3-D Printing Project Manager, talks with Marshall Space Flight Center's Bill Hubscher about today's on-orbit set-up and first test run of the International Space Station's 3-D Printer, a technology demonstration that is the first step toward establishing an on-demand machine shop in space to manufacture spare parts, a critical technology to enable future exploration of deep space. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2014 11 14	NASA Johnson	https://youtu.be/p5ag-Uj9C7U	Space Station Live Designing the Next Space Coffee Cup	Capillary Flow Experiment research assistant Andrew Wollman of Portland State University, Portland, OR, talks with NASA Public Affairs Officer Amiko Kauderer about the physics experiment on the International Space Station that is breaking new ground understanding how fluids flow in the weightlessness of space, leading to the design of space systems to control the flow of everything from coffee to rocket fuel. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2014 11 14	NASA Johnson	https://youtu.be/qpfo302v45Y	Orion I'm On Board - Lou Ferrigno	Get "on board" with Orion … or risk making Lou Ferrigno angry! HD Download link: https://archive.org/details/Orion-Im-On-Board_Lou_Ferrigno	Transcript Link

2014 11 14	NASA Johnson	https://youtu.be/ymxhMZF7Gqs	Space to Ground Touchdown 11 14 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. 3-D Water Bubble Video - go.nasa.gov/113c87O 2-D Water Bubble Video - go.nasa.gov/113cR92	Transcript Link
2014 11 13	NASA Johnson	https://youtu.be/LlRvaqULWCU	Station Flight Director talks with Pennsylvania Students	International Space Station Flight Director Heather Rarick joined NASA Public Affairs Officer Nicole Cloutier-Lemasters to answer questions about the station and space exploration from students at East Stroudsburg High School in East Stroudsburg, PA. The event was arranged through the Virtual Technology Studio at the NASA/Johnson Space Center in Houston.	Transcript Link
2014 11 13	NASA Johnson	https://youtu.be/k_nNirN_sPA	Flight Director Talks Exploration with South Carolina Students	International Space Station Flight Director Chris Edelen joined NASA Public Affairs Officer Kyle Herring in the station flight control room in Houston to talk about station activities and space exploration with fifth graders from the Forest Lake Technology Magnet School in Columbia, SC. The event was arranged through the NASA/Johnson Space Center Virtual Technology Studios.	Transcript Link
2014 11 13	NASA Johnson	https://youtu.be/UaGOwk4n7S4	Expedition 42 43 Crew Depart For Kazakhstan November 13, 2014	Expedition 42/43 Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Terry Virts and Flight Engineer Samantha Cristoforetti of the European Space Agency and their backups, Oleg Kononenko of Roscosmos, Kjell Lindgren of NASA and Kimiya Yui of the Japan Aerospace Exploration Agency participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia, outside Moscow on Nov. 11. Afterward, the prime crew departed for the Baikonur Cosmodrome in Kazakhstan and the backup crew departed a day later, to complete their training for the launch of Shkaplerov, Virts and Cristoforetti to the International Space Station in the Soyuz TMA-15M spacecraft on Nov. 24, Kazakh time.	Transcript Link

2014 11 12	NASA Johnson	https://youtu.be/VBAeI136jZk	Expedition 41 Flight Engineer Reid Wiseman Returns Home Nov. 11, 2014	NASA SPACE STATION CREW MEMBER RETURNS HOME After 165 days in space and a 24-hour journey from Kazakhstan, Expedition 41 Flight Engineer Reid Wiseman of NASA returned to Ellington Field in Houston aboard a NASA plane Nov. 10. Wiseman was greeted by family members and Johnson Space Center personnel after a mission that spanned more than 70 million miles and more than 2,600 orbits of the Earth.	Transcript Link
2014 11 10	NASA Johnson	https://youtu.be/ULFZAjni62s	Expedition 41 Crew Receives a Warm Welcome in Kazakhstan and Russia	Expedition 41 Commander Max Suraev of the Russian Federal Space Agency (Roscosmos), Flight Engineer Reid Wiseman of NASA and Flight Engineer Alexander Gerst of the European Space Agency were greeted in a traditional ceremony at the airport in Kustanai, Kazakhstan, on Nov. 10, a few hours after landing in their Soyuz TMA-13M spacecraft in Kazakhstan near the town of Arkalyk. After the ceremony, the crew split up, with Suraev returning to his training base in Star City, Russia, and Wiseman and Gerst returning to the Johnson Space Center in Houston and to Europe, respectively. The trio completed 165 days in space following their launch in late May. The footage includes an interview conducted with Wiseman before his return trip to Houston.	Transcript Link
2014 11 07	NASA Johnson	https://youtu.be/YmOa9ypr7lY	Expedition 42 CrewProfile Version1 November 6, 2014	International Space Station Exp. 42 crew members Terry Virts, Anton Shkaplerov and Samantha Cristoforetti discuss their personal histories and their reasons for dedicating their careers to space exploration.	Transcript Link
2014 11 07	NASA Johnson	https://youtu.be/JPSN4PwL1Mg	Orion I'm on Board – Colin Baker	OK, so it's not technically bigger on the inside, but actor Colin Baker is still "on board" with NASA's new spacecraft, Orion! HD download link: https://archive.org/details/Orion-Im-On-Board_Colin-Baker	Transcript Link

2014 11 07	NASA Johnson	https://youtu.be/p6htXcpgWtw	Expedition 42 43 Crew Conducts News Conference and Traditional Ceremonies in Russia	Expedition 42/43 Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Terry Virts and Flight Engineer Samantha Cristoforetti of the European Space Agency, conducted a pre-launch news conference at the Gagarin Cosmonaut Training Center in Star City, Russia November 6, then toured Red Square and the Kremlin in Moscow where they laid flowers at the Kremlin Wall where Russian space icons are interred. Shkaplerov, Virts and Cristoforetti are scheduled to launch November 24, Kazakh time, in the Soyuz TMA-15M spacecraft to begin a five and a half month mission on the International Space Station.	Transcript Link
2014 11 07	NASA Johnson	https://youtu.be/aw0WBQubB5g	Space Station Live The Science of a New Expedition	NASA public affairs officer Nicole Cloutier-Lemasters talks with Exp. 41/42 lead increment scientist, Dr. Vic Cooley, about Rodent Research operations during the International Space Station's Exp. 41, and gets a preview of new science headed to the station during Exp. 42 on the next Dragon cargo ship.	Transcript Link
2014 11 07	NASA Johnson	https://youtu.be/9Tac-QmJ6Y8	Space to Ground Counting Down To Departure 11 07 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 11 05	NASA Johnson	https://youtu.be/64w8n53NFyA	Space Station Live Deanne Bell on 3D Printing in space	Deanne Bell, Program Director of Future Engineers, talks about 3D printing in space	Transcript Link

2014 11 04	NASA Johnson	https://youtu.be/EJL6JJMF8mY	Space Station Live Sally Ride EarthKAM	NASA Public Affairs Officer Brandi Dean talks with Sally Ride EarthKAM team member Cari Goulard about the research project that enables middle school students all around the world to take photographs of Earth with a camera mounted in a window on the International Space Station. More than 800 schools in 51 countries, representing more than 70,000 students, are signed up for the current session. Watch Space Station Live, weekdays at 11am eastern. http://www.nasa.gov/multimedia/nasatv/index.html	Transcript Link
2014 11 03	NASA Johnson	https://youtu.be/5d9ykhdHtFc	Monthly ISS Research Video Update for October 2014	Highlights of recent research conducted on the International Space Station.	Transcript Link
2014 11 03	NASA Johnson	https://youtu.be/nlCGvGoHHFE	Recorded Interview Blue Angels in Mission Control	Members of the Blue Angles team visited Mission Control, and spoke with the crew aboard the International Space Station. HD download link: https://archive.org/details/BlueAngelsInMissionControl720p	Transcript Link
2014 10 31	NASA Johnson	https://youtu.be/UerzZ7Hswww	Orion I'm on Board – Austin St. John	Orion is morphing the way we think of space exploration … and actor Austin St. John is "on board"! HD Download Link: https://archive.org/details/Orion-Im-On-Board_Austin-St-John	Transcript Link

2014 10 31	NASA Johnson	https://youtu.be/7Aa_-FSR7VU	Expedition 42 43 Crew Undergoes Final Training Outside Moscow	Expedition 42/43 Soyuz Commander Anton Shkaplerov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Terry Virts and Flight Engineer Samantha Cristoforetti of the European Space Agency conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia October 30 and 31. Shkaplerov, Virts and Cristoforetti are scheduled to launch November 24, Kazakh time, in the Soyuz TMA-15M spacecraft to begin a five and a half month mission on the International Space Station.	Transcript Link
2014 10 31	NASA Johnson	https://youtu.be/2_rXzMAYZAM	Space to Ground Supply Shipping 10 31 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 10 30	NASA Johnson	https://youtu.be/cjqqnIJTZx4	Space Station Live MRI for Astronaut Vision Research	NASA Public Affairs Officer Brandi Dean talks with Dr. Roy Riascos, the chief of neuroradiology at the University of Texas Houston, and a co-investigator of the Ocular Health experiment, about the use of magnetic resonance imaging on International Space Station astronauts pre-flight and post-flight as part of the investigation into how long-duration flight is impacting astronauts' eyesight. Watch Space Station Live, weekdays at 11 a.m. eastern. www.nasa.gov/ntv	Transcript Link
2014 10 28	NASA Johnson	https://youtu.be/jqBYRpF_4qE	Space Station Live Science on Cygnus-3	Dr. Liz Warren of the International Space Station Program Science Office talked with NASA commentator Pat Ryan about some of the new science experiments flying to the station on the next Cygnus cargo vehicle, targeted to launch Oct. 28, 2014. Watch Space Station Live, weekdays at 11am eastern. www.nasa.gov/ntv	Transcript Link

2014 10 27	NASA Johnson	https://youtu.be/0wgVfGBCME0	%23askAstro The Book That Changed @astro_reid	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth.	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/A6ssLbni4ho	%23askAstro Discoveries from the Space Station	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/jWi7W8YoEwE	%23askAstro Can You See Disneyworld from Space	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/ktPYMSm-zso	%23askAstro The Man-Made Feature You Cannot Miss From Space	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link

2014 10 27	NASA Johnson	https://youtu.be/xnMMi0dMwy4	%23askAstro A Few of My Favorite Things…	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/5nLFNG-Njlo	%23askAstro @astro_reid Receives Hundreds of Calls on Ham Radio	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/5oxunXFwznw	%23askAstro Teachers Inspire Astronaut Reid Wiseman	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/R4nf3_FPUCs	%23askAstro Surprises of Living in Space	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link

2014 10 27	NASA Johnson	https://youtu.be/WyzTFxVw0ds	%23askAstro @astro_reid on Aliens in Space	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/dXwmxNoCi68	%23askAstro Should I Become a Pilot to Be an Astronaut	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/fR68TyEUr2I	%23askAstro @astro_reid's Biggest Fear in Space	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/mxTAw0LOj3I	%23askAstro Pursue Your Dreams	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link

2014 10 27	NASA Johnson	https://youtu.be/xYVF_TD-mKs	%23askAstro How to Be an Astronaut	Aboard the International Space Station, Expedition 41 Flight Engineer Reid Wiseman of NASA discussed life in space during an in-flight question and answer session Oct. 10. Wiseman answered questions fans submitted on YouTube using #askAstro. Questions ranged from aliens in space to the investigations happening onboard to benefit Earth. See the entire playlist: http://www.youtube.com/playlist?list=PLTXQuaxXBKKxIQ0TYqtAeFtN_IuzX_BLf	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/gux0bynbo-I	Space Station Live Countdown to Orb-3 Launch	Space Station Live commentator Pat Ryan interviews Carl Walz, Orbital Sciences Corporation Vice President for the Advanced Programs Group about the upcoming launch of Orbital Sciences' Antares rocket on Monday, October 27. Orbital CRS-3 will deliver cargo and crew supplies to the International Space Station. Launch coverage on NASA-TV will begin at 5:45 p.m. EDT.	Transcript Link
2014 10 27	NASA Johnson	https://youtu.be/o0vpGOYLlZ4	Space Station LIve GPS Experiment on SCAN Testbed	NASA MSFC public affairs officer Lori Meggs interviews David Robison, the principal investigator for the GPS Experiment on SCAN Testbed. The Space Communications and Navigation Testbed (SCAN Testbed) contains Software Defined Radios that can be reconfigured with new software, which would allow mission planners to change how the radios function after they are in orbit. The interview aired during Space Station Live on October 24, 2014.	Transcript Link
2014 10 24	NASA Johnson	https://youtu.be/G0p4-DlYh0s	Orion I'm on Board – John Barrowman	Actor John Barrowman would like to introduce you to NASA's new spacecraft, Orion. He's "on board!" HD Download Link: https://archive.org/details/Orion-Im-On-Board_John-Barrowman	Transcript Link

2014 10 24	NASA Johnson	https://youtu.be/1G82bXHR9Mw	Space to Ground Spacewalks Continue 10 24 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 10 22	NASA Johnson	https://youtu.be/1X3C9Riawms	Space Station Live Student Spaceflight Experiment Program	Space Station Live commentator Dan Huot interviews Dr. Jeff Goldstein, the director of the National Center for Earth and Space Science Education SSEP Program. The Student Spaceflight Experiment Program is set launch aboard Cygnus on the Orbital CRS-3 mission.	Transcript Link
2014 10 17	NASA Johnson	https://youtu.be/l9GD3wcbPyw	Tasks for Third Spacewalk of Expedition 41	NASA Spacewalk Specialist Devan Bolch narrates this animation depicting the events scheduled for the Oct.22 spacewalk. Expedition 41 Commander Max Suraev and Flight Engineer Alexander Samokutyaev of the Russian Federal Space Agency (Roscosmos) will remove and jettison experiment hardware and antennas no longer needed on the Russian segment of the complex and perform a detailed photographic survey of the exterior of the Russian modules. It will be the third spacewalk in as many weeks for Expedition 41 crew members on the station, the 184th in support of space station assembly and maintenance, and the second for both Suraev and Samokutyaev.	Transcript Link
2014 10 17	NASA Johnson	https://youtu.be/rgBCcmOha8w	Orion I'm on Board – Erin Gray	Actress Erin Gray knows a good spaceship when she sees one, and she's "on board" with ours: Orion. HD download link: https://archive.org/details/Orion-Im-On-Board_Erin-Gray	Transcript Link

2014 10 17	NASA Johnson	https://youtu.be/isEGcax2YSQ	Space to Ground Out the Door 10 17 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 10 16	NASA Johnson	https://youtu.be/fxKcYPxL6Jw	Space Station Live Clean Air, Fresh Water on Orbit	NASA Public Affairs Officer Lori Meggs interviews Jay Perry, an Environmental Control and Life Support Systems engineer. Astronauts need clean air and fresh water. The space station has systems to provide and recycle these in conjunction with cargo deliveries. Future missions beyond low-Earth orbit will not be able to rely on cargo ships for resources necessary to support life.	Transcript Link
2014 10 16	NASA Johnson	https://youtu.be/1OHRmzCP6HQ	Space Station Live Ultrasound Imaging Eyes on Orbit	NASA Public Affairs Officer Brandi Dean interviews Dr. Ashot Sargsyan, Ocular Health Co-Investigator. Astronauts use an Ultrasound device so doctors can study the effects of microgravity on eyes.	Transcript Link
2014 10 14	NASA Johnson	https://youtu.be/a3oVdB8Jx7c	Space Station Live Smart Phones Controlling Smart Spheres	Public Affairs Officer Lori Meggs talks to Terry Fong, Intelligent Robotics Group Director at Ames Research Center. Smart phones are being tested as a way to control tiny satellites that float freely in the International Space Station.	Transcript Link

2014 10 10	NASA Johnson	https://youtu.be/gNAyBekeVyw	Orion I'm on Board – Nichelle Nichols	Actress Nichelle Nichols has been a NASA fan for a while, and now she's "on board" with our newest spacecraft, Orion.	Transcript Link
2014 10 10	NASA Johnson	https://youtu.be/Cf6fRjgVzyM	Tasks for Second Expedition 41 U.S. Spacewalk	NASA Spacewalk Officer Kieth Johnson narrates this 3-D animation depicting the events scheduled for the Oct. 15 spacewalk. Astronauts Reid Wiseman and Barry Wilmore will work outside the International Space Station to replace a television camera light and a sequential shunt unit that helps deliver power to the station. More info... http://go.nasa.gov/1rJvJ62	Transcript Link
2014 10 10	NASA Johnson	https://youtu.be/AIrIhDj96CQ	Space Station Live Alex Kanelakos Talks about Oct. 15 U.S. Spacewalk	NASA Public Affairs Officer Dan Huot interviews Alex Kanelakos, Expedition 42 Lead EVA Officer, about the upcoming spacewalk. NASA astronauts Reid Wiseman and Barry Wilmore will exit the International Space Station's Quest airlock Oct. 15. They will replace a television camera light and a sequential shunt unit that helps deliver power to the station.	Transcript Link
2014 10 10	NASA Johnson	https://youtu.be/3rQQO6xINnU	Space to Ground Out and About 10 10 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 10 09	NASA Johnson	https://youtu.be/IzlDaiFHfzk	Space Station Live Checking Your Eyes in Space	Space Station Live commentator Brandi Dean interviews Dr. Christian Otto, Principal Investigator, Ocular Health. This interview aired during Space Station Live on October 9, 2014.	Transcript Link
2014 10 09	NASA Johnson	https://youtu.be/IeA41Uyazdg	Monthly ISS Research Video Update for September 2014	Highlights of recent research conducted on the International Space Station.	Transcript Link
2014 10 08	NASA Johnson	https://youtu.be/G5ZiTblKME0	Space Station Live Satellites on the Station	NASA Public Affairs Officer Lori Meggs and interviews Stephen Volz, Associate Director for Flight Programs. Numerous free-flying satellites orbit Earth and map our planet for various areas of research. Now a new payload has been installed on the International Space Station to give a different perspective. Rapidscat is an instrument that will measure ocean wind speed and direction which will begin a new series of mounted satellites on the station for weather monitoring.	Transcript Link
2014 10 08	NASA Johnson	https://youtu.be/KyZqSWWKmHQ	Orion Trial By Fire	Winner of the 2015 Lone Star Emmy for Informational/Instructional Video. NASA's newest spacecraft, Orion, will be launching into space for the first time in December 2014, on a flight that will take it farther than any spacecraft built to carry humans has gone in more than 40 years and through temperatures twice as hot as molten lava to put its critical systems to the test. HD download link: https://archive.org/details/OrionTrialbyFire	Transcript Link

2014 10 04	NASA Johnson	https://youtu.be/qoH0EEP1GTM	Tasks for First Spacewalk of Expedition 41	NASA Spacewalk Officer Jaclyn Kagey narrates this 3-D animation depicting the events scheduled for the Oct. 7 spacewalk. Astronauts Reid Wiseman and Alexander Gerst will work outside the International Space Station to stow a failed pump module, replace a television camera and install a mobile transporter relay assembly. More info... http://go.nasa.gov/1rJvJ62	Transcript Link
2014 10 04	NASA Johnson	https://youtu.be/Cb6z7ThvQL0	Space Station Live Transmitting Data from Space with Lasers	Space Station Live commentator Brandi Dean interviews Matt Abrahamson, OPALS (Optical PAyload for Lasercomm Science) Mission Manager at NASA, Jet Propulsion Laboratory. OPALS is an experiment using the International Space Station to test the potential for using a laser to transmit data to Earth from space.	Transcript Link
2014 10 03	NASA Johnson	https://youtu.be/UpgjEm5aH3U	Astronaut Scott Kelly Speaks Out Against Bullying	Scott Kelly, a veteran NASA astronaut and future year-long resident of the International Space Station, speaks out against bullying as part of the Federal Partners in Bullying Prevention campaign. October is National Bullying Prevention Awareness Month, and Kelly plans to support the anti-bullying effort during his upcoming one-year mission aboard the space station that begins with a March 2015 launch. For more information, visit: http://www.stopbullying.gov/. HD Download: https://archive.org/details/AstronautScottKellySpeaksOutAgainstBullying	Transcript Link
2014 10 03	NASA Johnson	https://youtu.be/TX0879xb2DU	Space to Ground Unpacking 10 3 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 10 01	NASA Johnson	https://youtu.be/Ebhi5h8uzl8	Interview with Barry Wilmore Expedition 41 42 Crew Member	Interview with Barry Wilmore, conducted during a ceremonial pre-launch trip to Red Square in Moscow. Wilmore discusses his upcoming launch in a Soyuz spacecraft and looks ahead to his first long-duration spaceflight, a six-month tour of duty on the International Space Station for Expeditions 41 and 42.	Transcript Link
2014 10 01	NASA Johnson	https://youtu.be/SDgyQSyb2Qo	Interview with Scott Kelly One Year Crew Member	Interview with Scott Kelly, conducted at the Baikonur Cosmodrome, marking six months before his launch on a year-long mission to the International Space Station. Kelly discusses his thoughts about his upcoming trip to space with cosmonaut Mikhail Kornienko and the significance of this mission designed to put crew members on board the ISS for a full year for the first time. HD Download Link: https://archive.org/details/InterviewWithScottKellyOneYearCrewMember	Transcript Link
2014 10 01	NASA Johnson	https://youtu.be/4pNY24rXBCI	Space Station Live Research Delivered on Dragon Installed on Station	NASA Public Affairs Officer Lori Meggs interviews Stacey Boland, Project Systems Engineer. The International Space Station is always looking at cost effective ways of performing research in space. A new payload that arrived at the station on SpaceX-4 is proving just that. Rapidscat is an instrument that will measure ocean surface wind speed and direction which will help improve weather forecasts, including hurricane monitoring. It was installed just this week and is undergoing checkouts.	Transcript Link
2014 09 26	NASA Johnson	https://youtu.be/5AGbFs5ERlI	Space to Ground New Arrivals 9 26 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 09 26	NASA Johnson	https://youtu.be/2WHio97W4wE	Expedition 41 Hatch Opening	About three hours after docking their Soyuz TMA-14M spacecraft to the International Space Station, Expedition 41/42 Soyuz Commander Alexander Samokutyaev and Flight Engineers Elena Serova of the Russian Federal Space Agency (Roscosmos) and Barry Wilmore of NASA were greeted by station Commander Max Suraev of Roscosmos and Flight Engineers Reid Wiseman of NASA and Alexander Gerst of the European Space Agency. As the hatches were opened, the families of the newly arrived crew and American and Russian space officials viewed the activities from Baikonur near the launch site. Serova is the first Russian female cosmonaut to live and work aboard the International Space Station.	Transcript Link
2014 09 26	NASA Johnson	https://youtu.be/uvUcXwctK7g	Expedition 41 Docks to International Space Station	After launching in their Soyuz TMA-14M spacecraft from the Baikonur Cosmodrome in Kazakhstan, Expedition 41/42 Soyuz Commander Alexander Samokutyaev and Flight Engineers Elena Serova of the Russian Federal Space Agency (Roscosmos) and Barry Wilmore of NASA arrived at the International Space Station on Sept. 26, Kazakh time, following a six-hour rendezvous. They docked their craft to the Poisk module on the Russian segment of the complex. Once aboard the orbital outpost, the trio will start a 5 ½ month mission.	Transcript Link
2014 09 25	NASA Johnson	https://youtu.be/BYN5RGRa9_E	Expedition 41 Launches	Expedition 41/42 Soyuz Commander Alexander Samokutyaev and Flight Engineers Elena Serova of the Russian Federal Space Agency (Roscosmos) and Barry Wilmore of NASA launched on the Russian Soyuz TMA-14M spacecraft on Sept. 26, Kazakh time, from the Baikonur Cosmodrome in Kazakhstan to begin a journey to the International Space Station. Once aboard the orbital outpost, the trio will start a 5 ½ month mission.	Transcript Link
2014 09 24	NASA Johnson	https://youtu.be/InVque_-f7U	Space Station Live Seedling Growth-2 Experiment	With the SpaceX Dragon capsule berthed to the International Space Station, there's plenty of new experiments to unload. A new plant investigation is among them, called, Seedling Growth-2. NASA Public Affairs Officer Lori Meggs interviews John Kiss, the principal investigator for the Seedling Growth-2 experiment. This interview aired during Space Station Live on September 24, 2014 from the Kennedy Space Center.	Transcript Link

2014 09 23	NASA Johnson	https://youtu.be/P-ZEMPVBEI0	Expedition 41 42 Soyuz TMA-14M Roll Out	The Soyuz TMA-14M spacecraft is rolled out to the launch pad by train on Sept. 23, 2014 at the Baikonur Cosmodrome in Kazakhstan. Launch of the Soyuz rocket is scheduled for Sept. 26, Kazakh time, and will carry Expedition 41 Soyuz Commander Alexander Samokutyaev of the Russian Federal Space Agency (Roscosmos), Flight Engineer Barry Wilmore of NASA, and Flight Engineer Elena Serova of Roscosmos into orbit to begin their five and a half month mission on the International Space Station.	Transcript Link
2014 09 22	NASA Johnson	https://youtu.be/PQYXTaBur34	Flash Infrared Thermography & NASA Technology Licensing Opportunities	Researchers at the NASA Johnson Space Center have developed and refined Flash Infrared Thermography as a means of Non Destructive Test Evaluation (NDE). NASA's innovative technology offers three complementary contrast tools that provide characterization of flaws and anomalies in nonmetallic composite structures using flash infrared thermography. The method can detect smaller flaws, and provide quantitative and qualitative information about the shape, size, depth, and location of anomalies. NASA's designed methods assist the operator in defining the boundaries of flaws. For industries interested in NDE of composite materials – this technology can be integrated with existing infrared thermography hardware systems. Flash Infrared Thermography is a patented technology available for commercial technology licensing. For more information about Flash Infrared Thermography and other technology license opportunities, visit: http://technology.jsc.nasa.gov For additional information about partnering with NASA, visit http://go.nasa.gov/1skM3wB http://go.nasa.gov/1iTblhL http://go.nasa.gov/1k6KgCP http://www.nasa.gov/connect	Transcript Link
2014 09 22	NASA Johnson	https://youtu.be/W35gHSMijEA	Exp 41 42 Mission Overview	For the astronauts and cosmonauts on the International Space Station's Expedition 41, the main job these days is simple to explain. They are there to conduct scientific experiments and make discoveries.	Transcript Link

2014 09 22	NASA Johnson	https://youtu.be/_FoJWCavo9s	Expedition 41 Soyuz Prepared for Launch to Station	At the Baikonur Cosmodrome in Kazakhstan, the Soyuz TMA-14M spacecraft was encapsulated into the third stage of its Soyuz booster rocket Sept. 19 as preparations continued for the Sept. 26 launch of Expedition 41/42 Soyuz Commander Alexander Samokutyaev of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Barry Wilmore and Flight Engineer Elena Serova of Roscosmos to the International Space Station. The trio also conducted their final “fit check” dress rehearsal in their Soyuz craft Sept. 21 for a mission in which they will spend five and a half months on the orbital laboratory.	Transcript Link
2014 09 22	NASA Johnson	https://youtu.be/hnoue1s9H6A	Butch Wilmore – Building Dreams	NASA astronaut Barry "Butch" Wilmore discusses his love of building things, starting as child, and how those skills will benefit his stay aboard the ISS. Wilmore and his crew mates, Cosmonauts Alexander Samokutyaev and Elena Serova of the Russian Federal Space Agency (Roscosmos), will launch to the station aboard a Soyuz spacecraft Sept. 25 from the Baikonur Cosmodrome in Kazakhstan. The crew will continue supporting several hundred experiments in biology, biotechnology, physical science and Earth science currently under way and scheduled to take place aboard the orbiting laboratory. Wilmore will assume command of Expedition 42 in November when Expedition 41 returns home. He is scheduled to return to Earth with Samokutyaev and Serova in March 2015. HD download link: https://archive.org/details/ButchWilmoreBuildingDreams720p Follow Wilmore and all the space station crew members on Instagram: http://instagram.com/iss Follow other NASA astronauts via Twitter at: http://www.twitter.com/NASA_Astronauts For information about the International Space Station, visit: http://www.nasa.gov/station	Transcript Link
2014 09 19	NASA Johnson	https://youtu.be/qwaH6hJU3rc	Space Station Live Processing Payloads for SpaceX Dragon	NASA Public Affairs Officer Lori Meggs interviews Jennifer Wahlberg from the Kennedy Space Center Payload Processing Team. This interview aired during Space Station Live on September 19, 2014 from the Kennedy Space Center.	Transcript Link

2014 09 19	NASA Johnson	https://youtu.be/TyKlyV40vrk	Meet the Expedition 42 43 Crew	This is the crew introduction from the Expedition 42/43 Crew News Conference on September 18, 2014. NASA astronaut Terry Virts, Soyuz Commander Anton Shkaplerov and European Space Agency astronaut Samantha Cristoforetti will launch from the Baikonur Cosmodrome in November to begin a 5 1/2-month stay aboard the International Space Station.	Transcript Link
2014 09 19	NASA Johnson	https://youtu.be/JDXHQDuDwsI	Space to Ground Preparing for Liftoff 9 19 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 09 17	NASA Johnson	https://youtu.be/1C_ol4KZkRU	Space Station Live Fruit Flies in Space	NASA Public Affairs Officer Lori Meggs interviews Sharmila Bhattacharya, principal investigator for the Ames Student Fruit Fly Experiment, and Amy Gresser, Deputy Project Scientist. SpaceX-4 is scheduled to launch to the station Sept. 20. The Dragon commercial cargo craft will deliver the important research benefiting life on Earth as well as future exploration missions.	Transcript Link
2014 09 17	NASA Johnson	https://youtu.be/jrNslz6boeg	Expedition 41 42 Prelaunch Activities in Kazakhstan	At the Baikonur Cosmodrome in Kazakhstan, Expedition 41/42 Soyuz Commander Alexander Samokutyaev and Flight Engineer Elena Serova of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Barry Wilmore participated in a variety of activities from Sept. 12-17. The crew will launch to the International Space Station on Sept. 26, Kazakh time, in the Soyuz TMA-14M spacecraft.	Transcript Link

2014 09 17	NASA Johnson	https://youtu.be/FxI0QPxEMSU	Space Station Live Micro-8 Yeast Study	NASA Public Affairs Officer Lori Meggs interviews Micro-8 principal investigator Sheila Neilsen and Fathi Karouia, Micro-8 project scientist. The Micro-8 payload will fly to the International Space Station on SpaceX-4. This interview aired during Space Station Live on September 16, 2014 from the Kennedy Space Center.	Transcript Link
2014 09 16	NASA Johnson	https://youtu.be/Anf1Ef5rc04	Expedition 41 Crew Profile Barry Wilmore	Learn more about NASA astronaut Barry Wilmore, flight engineer for Expedition 41 and commander of Expedition 42. Wilmore, Soyuz Commander Alexander Samokutyaev and Flight Engineer Elena Serova will launch in late September 2014 for a 5 1/2-month mission aboard the International Space Station.	Transcript Link
2014 09 16	NASA Johnson	https://youtu.be/D1aFkm_xDoE	Expedition 41 Crew Profile Elena Serova	Learn more about Russian cosmonaut Elena Serova, flight engineer for the Expedition 41/42 crew of the International Space Station. Serova, NASA astronaut Barry Wilmore and Soyuz Commander Alexander Samoukutyaev will launch in late September 2014 for a 5 1/2-month mission aboard the International Space Station.	Transcript Link
2014 09 16	NASA Johnson	https://youtu.be/WhbL1GfpsUs	Expedition 41 Crew Profile Alexander Samokutyaev	Learn more about Russian cosmonaut Alexander Samokutyaev, Soyuz commander and flight engineer for the Expedition 41/42 crew of the International Space Station. Samokutyaev, NASA astronaut Barry Wilmore and Flight Engineer Elena Serova will launch in late September 2014 for a 5 1/2-month mission aboard the International Space Station.	Transcript Link

2014 09 16	NASA Johnson	https://youtu.be/ovD2HZ_H4IU	Expedition 41 Crew Profile, Version 1	Meet the three Expedition 41 crew members who will launch to the International Space Station in September. NASA astronaut Barry Wilmore, Soyuz Commander Alexander Samokutyaev and Roscosmos cosmonaut Elena Serova are set to launch Sept. 25 (Sept. 26, Kazakh time) from the Baikonur Cosmodrome in their Soyuz TMA-14M spacecraft for a five and a half month mission on the International Space Station.	Transcript Link
2014 09 15	NASA Johnson	https://youtu.be/_ji6oPgj2VY	Space Station Live Rodent Research Project	NASA Marshall Space Flight Center public affairs officer Lori Meggs interviews Cecilia Wigley, NASA's Ames Research Center payload integration and operations lead for the Rodent Research Project. The Rodent Research Hardware System will launch on the SpaceX-4 commercial resupply services flight. This interview aired during Space Station Live on September 15, 2014 from the Kennedy Space Center.	Transcript Link
2014 09 12	NASA Johnson	https://youtu.be/hHHfLZ2tqU8	Space Station Live Model Organisms and Rodent Research Hardware	NASA Public Affairs Officer Brandi Dean interviews Expedition 41/42 Lead Increment Scientist Dr. Vic Cooley about new and ongoing science taking place inside and outside the International Space Station.	Transcript Link
2014 09 12	NASA Johnson	https://youtu.be/KbKPSEli2i0	Expedition 41 42 Crew Departs for Kazakh Launch Site	Expedition 41/42 Soyuz Commander Alexander Samokutyaev and Flight Engineer Elena Serova of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Barry Wilmore, and their backups, Gennady Padalka and Mikhail Kornienko of Roscosmos and Scott Kelly of NASA, participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia, outside Moscow on Sept. 12. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete their training for the launch of Samokutyaev, Wilmore and Serova to the International Space Station in the Soyuz TMA-14M spacecraft on Sept. 26, Kazakh time. Serova will become only the fourth Russian female cosmonaut to fly in space and was greeted at the farewell ceremony by Valentina Tereshkova, the first woman to fly in space. Kelly and Kornienko are scheduled to launch in March 2015 for a one-year mission on the space station.	Transcript Link

2014 09 12	NASA Johnson	https://youtu.be/-e8idObe74U	Space to Ground Home Sweet Earth 9 12 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 09 11	NASA Johnson	https://youtu.be/WtdRNDiqaXE	Expedition 40 Post-Landing Activities	Expedition 40 Commander Steve Swanson, Soyuz Commander Alexander Skvortsov and Flight Engineer Oleg Artemyev are welcomed back after nearly six months aboard the International Space Station.	Transcript Link
2014 09 10	NASA Johnson	https://youtu.be/ih9jPaZct1w	Expedition 40 Undocks Ending Mission	After spending 167 days aboard the International Space Station, Steve Swanson, Alexander Skvortsov and Oleg Artemyev undocked from the station's Poisk module at 7:01 p.m. EDT to begin their voyage home. Skvortsov, the Soyuz commander, is at the controls of the Soyuz TMA-12M spacecraft. The departure of Swanson, Skvortsov and Artemyev marks the end of Expedition 40. The Expedition 41 crew members, Reid Wiseman of NASA, Alexander Gerst of the European Space Agency and space station Commander Max Suraev from Roscosmos, will continue research and maintenance aboard the station.	Transcript Link
2014 09 10	NASA Johnson	https://youtu.be/HQEIy_6mAo4	Station Trio Boards Soyuz for Trip Back to Earth	Expedition 40 Commander Steve Swanson, Soyuz Commander Alexander Skvortsov and Flight Engineer Oleg Artemyev say a final farewell to their crewmates as they board the Soyuz TMA-12M spacecraft for the journey back to Earth after nearly six months aboard the International Space Station.	Transcript Link

2014 09 10	NASA Johnson	https://youtu.be/3Iwy8xxJxKo	Capillary Flow Experiments on Space Station	Capillary Flow Experiments on the International Space Station are fluid physics experiments that investigate capillary flows and flows of fluids in containers with complex geometries. Results will improve current computer models that are used by designers of fluid systems on Earth and may improve fluid transfer systems on future spacecraft.	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/Y-NhhPMTfAc	Expedition 40 41 Change of Command Aboard Station	The reins of the International Space Station were passed from NASA's Steve Swanson to Max Suraev of the Russian Federal Space Agency (Roscosmos) during a ceremony on the orbital outpost on Sept. 9. Swanson will return to Earth Sept. 11, Kazakh time, in the Soyuz TMA-12M spacecraft with Russian cosmonauts Alexander Skvortsov and Oleg Artemyev to wrap up almost six months in orbit. Suraev will remain on board with NASA Flight Engineer Reid Wiseman and European Space Agency Flight Engineer Alexander Gerst, awaiting the arrival of Alexander Samokutyaev of Roscosmos, Barry Wilmore of NASA and Elena Serova of Roscosmos, who will launch to the complex on Sept. 26, Kazakh time.	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/o3_IjJIkkXo	Space Station Live Expedition 40 Science Wrap Up	Space Station Live commentator Brandi Dean interviews Expedition 40 lead increment scientist Yuri Guinart-Ramirez. This interview aired during Space Station Live on September 9, 2014.	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/xyAwdmUzxus	NASA High School Aerospace Scholars Program 2014 - Week 6, Blue Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link

2014 09 09	NASA Johnson	https://youtu.be/2KAFV-aEAns	NASA High School Aerospace Scholars Program 2014 - Week 2, Gray Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/4XF048cJl6s	NASA High School Aerospace Scholars Program 2014 - Week 5, White Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/76jJAbNvUYw	NASA High School Aerospace Scholars Program 2014 - Week 6, White Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/AnqBAshgWE0	NASA High School Aerospace Scholars Program 2014 - Week 1, Blue Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link

2014 09 09	NASA Johnson	https://youtu.be/D4UJfh5TASw	NASA High School Aerospace Scholars Program 2014 - Week 4, Gray Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/IjJMm0iWZCE	NASA High School Aerospace Scholars Program 2014 - Week 6, Gray Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/JV9_ZjKML84	NASA High School Aerospace Scholars Program 2014 - Week 3, Gray Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/LGzkzZcWje0	NASA High School Aerospace Scholars Program 2014 - Week 5, Red Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link

2014 09 09	NASA Johnson	https://youtu.be/TtrM8F_yBkA	NASA High School Aerospace Scholars Program 2014 - Week 4, Red Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/VpFV-ga3yoU	NASA High School Aerospace Scholars Program 2014 - Week 3, Blue Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/Wuu0uoqtdMk	NASA High School Aerospace Scholars Program 2014 - Week 3, Red Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/XRB4rFlthpM	NASA High School Aerospace Scholars Program 2014 - Week 4, Blue Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link

2014 09 09	NASA Johnson	https://youtu.be/YA80UJnCj_s	NASA High School Aerospace Scholars Program 2014 - Week 1, Gray Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/dtvn_Es2azY	NASA High School Aerospace Scholars Program 2014 - Week 2, White Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/fpRpf7DPi88	NASA High School Aerospace Scholars Program 2014 - Week 6, Red Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/gzXc2mS-QyM	NASA High School Aerospace Scholars Program 2014 - Week 1, Red Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link

2014 09 09	NASA Johnson	https://youtu.be/hUfHHeuU6XU	NASA High School Aerospace Scholars Program 2014 - Week 5, Blue Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/hsQC0fCHJRQ	NASA High School Aerospace Scholars Program 2014 - Week 4, White Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/kkrADP3KRIc	NASA High School Aerospace Scholars Program 2014 - Week 2, Red Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/nPWDPj3XI3c	NASA High School Aerospace Scholars Program 2014 - Week 3, White Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link

2014 09 09	NASA Johnson	https://youtu.be/pquxJ0Z5JyQ	NASA High School Aerospace Scholars Program 2014 - Week 1, White Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/sGDNlCiJnhc	NASA High School Aerospace Scholars Program 2014 - Week 5, Gray Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 09	NASA Johnson	https://youtu.be/tfVGlnXQaxU	NASA High School Aerospace Scholars Program 2014 - Week 2, Blue Team	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face-to-face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. Check out the HAS website for the application deadline: http://has.aerospacescholars.org/. For more information, also watch High School Aerospace Scholars: A Journey of Discovery, http://www.youtube.com/watch?v=V3HeXYi9Z5Q	Transcript Link
2014 09 08	NASA Johnson	https://youtu.be/xCvcvyRqWOc	Expedition 41 42 Crew Talks to Press, Visits Moscow's Red Square	With the completion of their qualification exams at Star City, Russia, the Expedition 41/42 crew participated in a news conference on the morning of Sept. 5 before making the traditional trip into Moscow to visit Red Square and lay flowers at the memorials of Russian space icons interred there at the Kremlin Wall. NASA astronaut Barry Wilmore and Russian cosmonauts Alexander Samokutyaev and Elena Serova are scheduled to launch aboard the Soyuz TMA-14M spacecraft from the Baikonur Cosmodrome in Kazakhstan on Sept. 25.	Transcript Link

2014 09 05	NASA Johnson	https://youtu.be/q7p9yXVgeNw	Space Station Live Science of Space Combustion	Space Station Live commentator Pat Ryan talks with Dr. Tom Avedisian of Cornell University, a co-investigator of the FLEX-2 experiment, about his research into the special spherical characteristics of burning fuel droplets in space that may lead to more efficient engines. Avedisian explains the science of the combustion event seen in a recent YouTube video (http://www.youtube.com/watch?v=qQQ1OHW1_F4) that calls to mind a pulsating jellyfish.	Transcript Link
2014 09 05	NASA Johnson	https://youtu.be/QnkCpdofiXI	Space Station Live Amine Swingbed	The International Space Station is a testbed for new technologies essential for human voyages deeper into space. Lori Meggs at the Payload Operations Integration Center at the Marshall Space Flight Center talks with Jeff Sweterlisch to learn more about one such investigation designed to filter and renew the air the astronauts breathe -- the Amine Swingbed.	Transcript Link
2014 09 05	NASA Johnson	https://youtu.be/YXLAWlPAnKc	Space to Ground Earth From Above 9 5 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 09 04	NASA Johnson	https://youtu.be/-GCnqvLjvZw	Expedition 41 42 Final Exams	Expedition 41/42 Soyuz Commander Alexander Samoukutyaev of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Barry Wilmore and Flight Engineer Elena Serova of Roscosmos conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia. They are scheduled for a Sept. 25 launch in the Soyuz TMA-14M spacecraft to begin a six-month mission on the International Space Station.	Transcript Link

2014 09 02	NASA Johnson	https://youtu.be/LZp9LZH-DNA	Monthly ISS Research Video Update for August 2014	Highlights of recent research conducted on the International Space Station.	Transcript Link
2014 08 29	NASA Johnson	https://youtu.be/3Lqx5nERAwQ	Space to Ground Heating Up 08 29 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 08 28	NASA Johnson	https://youtu.be/McOy9jSi88o	Space Station Live Training Underground and Underwater for Space Missions	Space Station Live commentator Dan Huot interviews NASA astronaut Randy Bresnik, NEEMO 19 Commander. This interview aired during Space Station Live on August 28, 2014.	Transcript Link
2014 08 27	NASA Johnson	https://youtu.be/klRFSA_auPg	Space Station Live Health Benefits of Exercise in Space, and on Earth!	It's long been known the more you exercise the better your health and the better you feel, and the same holds true on the International Space Station. Lori Meggs at the Marshall Space Flight Center's Payload Operations Integration Center checks in with John De Witt, senior biomechanist with Wyle Science and Technology, to learn more about the Treadmill Kinematics study. Then Kent Criswell drops by to talk about the "Racin' the Station" fitness event at Marshall.	Transcript Link

2014 08 27	NASA Johnson	https://youtu.be/jwQM9IRTAuw	The Mission is Simple Asteroid	o “The Mission is Simple” is a volunteer outreach project created by the students at NASA Johnson Space Center. Astronaut Michael Fincke asks questions related to our goals in human spaceflight to children ages 4 to 6, and their answers are completely unscripted. For more on our asteroid initiatives, visit http://www.nasa.gov/mission_pages/asteroids/initiative/index.html#.U-DXzPldU1J Join the conversation online with #Asteroid Mike on Twitter: https://twitter.com/AstroIronMike For students interested in opportunities at NASA Johnson Space Center: http://pathways.jsc.nasa.gov/index.html https://www.facebook.com/NASA.JSC.Students https://twitter.com/nasajscstudents	Transcript Link
2014 08 27	NASA Johnson	https://youtu.be/TrsKZma-LTk	Benefits for Humanity Found at Sea	The Vessel-ID System investigation on the International Space Station demonstrated the ability for a space-based radio receiver to track a ship’s Automatic Identification System (AIS) signal, the marine equivalent of the air traffic control system. Since being turned on in 2010, Vessel-ID has been able to relay more than 400,000 ship position reports from more than 22,000 ships in a single day, proving a quantum leap in the ship tracking ability of coast guards around the world. This ability, coupled with multiple AIS tracking satellites launched since, is already making travel among the waves safer for thousands of ships around the globe. The ship identification and tracking system technology already aided in orienting rescue services for a lone survivor stranded in the North Sea, giving new hope to once impossible situations. For more information: http://www.nasa.gov/mission_pages/station/research/experiments/750.html https://archive.org/details/ISS-Benefits-For-Humanity_Found-at-Sea	Transcript Link
2014 08 27	NASA Johnson	https://youtu.be/rXD4ldp-W8M	Robonaut Performs Quick Disconnect Hose Inspection	Robonaut 2 (R2) showcases significant advances in robotic manipulation of materials and common tools used aboard the International Space Station. Recent experiments highlighted how a teleoperator can use R2 to manipulate a tether hook, an important safety precaution on spacewalks. Another task displayed Robonaut’s ability to pull back a protective jacket over a hose and search for damage, as well as inspect a quick-disconnect fitting for debris. The work on the ground by NASA engineers and by astronauts aboard the International Space Station continues to build the skill set for an Extra-Vehicular Activity (EVA) Robonaut. Read more about Robonaut... http://www.nasa.gov/mission_pages/station/main/robonaut.html	Transcript Link

2014 08 27	NASA Johnson	https://youtu.be/bVw8seV9Tfc	Robonaut Performs Hose Jacket Inspection	Robonaut 2 (R2) showcases significant advances in robotic manipulation of materials and common tools used aboard the International Space Station. Recent experiments highlighted how a teleoperator can use R2 to manipulate a tether hook, an important safety precaution on spacewalks. Another task displayed Robonaut's ability to pull back a protective jacket over a hose and search for damage, as well as inspect a quick-disconnect fitting for debris. The work on the ground by NASA engineers and by astronauts aboard the International Space Station continues to build the skill set for an Extra-Vehicular Activity (EVA) Robonaut. Read more about Robonaut... http://www.nasa.gov/mission_pages/station/main/robonaut.html	Transcript Link
2014 08 27	NASA Johnson	https://youtu.be/P1uhTlnGZM0	Robonaut Performs Taskboard Tethering	Robonaut 2 (R2) showcases significant advances in robotic manipulation of materials and common tools used aboard the International Space Station. Recent experiments highlighted how a teleoperator can use R2 to manipulate a tether hook, an important safety precaution on spacewalks. Another task displayed Robonaut's ability to pull back a protective jacket over a hose and search for damage, as well as inspect a quick-disconnect fitting for debris. The work on the ground by NASA engineers and by astronauts aboard the International Space Station continues to build the skill set for an Extra-Vehicular Activity (EVA) Robonaut. Read more about Robonaut... http://www.nasa.gov/mission_pages/station/main/robonaut.html	Transcript Link
2014 08 26	NASA Johnson	https://youtu.be/jiDcCrUQmsM	Space Station Live Robonaut Mobility Upgrades	Space Station Live commentator Dan Huot interviews Dr. Ron Diftler, the principal investigator for Robonaut 2. This interview aired during Space Station Live on August 26, 2014.	Transcript Link
2014 08 26	NASA Johnson	https://youtu.be/XtX1KNOFVMY	Preparing America for Deep Space Exploration Episode 4 Music Video	On sea, land and in the sky, NASA's Orion, Space Launch System and Ground Systems Development and Operations continued making progress toward sending humans beyond Earth's orbit during the past quarter.	Transcript Link

2014 08 26	NASA Johnson	https://youtu.be/4E5t-UJtYxM	Space Station Live NASA Partners With EPA for Ocean Study	HICO or Hyperspectral Imager for the Coastal Ocean on the ISS is an ongoing experiment that uses a special camera that separates light into hundreds of wavelength channels, which reveals information about the composition of water and land along the coasts. Lori Meggs at the Marshall Space Flight Center's Payload Operations Integration Center tells us more about how the Environmental Protection Agency is working with NASA to use this information.	Transcript Link
2014 08 25	NASA Johnson	https://youtu.be/hsFpnT-0Ux0	Space Station Live Observing Earth Winds from Space	NASA Public Affairs' Dan Huot interviews Dr. Ernesto Rodriguez, ISS-RapidScat Principal Investigator. The new experiment, which will monitor ocean winds to provide essential measurements used in weather predictions, including hurricane monitoring, is targeted to launch to the International Space Station aboard the SpaceX Dragon in September. Read more... http://go.nasa.gov/1BWdlfG	Transcript Link
2014 08 22	NASA Johnson	https://youtu.be/I2_RYIiE8uI	One Direction's Niall Horan Says %23ImOnBoard	Niall Horan visited the Orion spacecraft mockup NASA's Johnson Space Center this week and showed his support for Orion's first flight, launching in December.	Transcript Link
2014 08 22	NASA Johnson	https://youtu.be/_SAuno-NmcI	Space to Ground Stepping Out 8 22 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 08 21	NASA Johnson	https://youtu.be/haX1erwHkXc	Space Station Live What's Next for Robotic Refueling Mission	Space Station Live commentator Rob Navias talks with Jill McGuire, the Robotic Refueling Mission project manager at the Goddard Space Flight Center, about what's next for the satellite servicing technology demonstration aboard the International Space Station.	Transcript Link
2014 08 21	NASA Johnson	https://youtu.be/qQQ1OHW1_F4	Amazing Flame Comes to Life in Space Station Microgravity Combustion Science	From ignition to pulsating-jellyfish then warp-drive ending! Understanding combustion may lead to more efficient engines and spectacular videos. Science Objectives The Flame Extinguishment - 2 (FLEX-2) experiment is the second experiment to fly on the ISS which uses small droplets of fuel to study the special spherical characteristics of burning fuel droplets in space. The FLEX-2 experiment studies how quickly fuel burns, the conditions required for soot to form, and how mixtures of fuels evaporate before burning. Understanding these processes could lead to the production of a safer spacecraft as well as increased fuel efficiency for engines using liquid fuel on Earth. Earth Applications Watching fuel burn in a perfect sphere provides a unique view of fire that would be impossible to recreate on Earth. Better knowledge of fire's dynamics could lead to improved fuels for vehicles and aircraft, including efficient, environmentally friendly mixtures of chemicals that burn well together and produce less soot. Soot results from the incomplete burning of a hydrocarbon, and it is harmful to human and environmental health. The FLEX-2 experiment provides a unique view on soot formation that would be impossible under the influence of Earth's gravity. Space Applications The FLEX-2 experiment measures soot buildup, flame heat and the	Transcript Link

2014 08 20	NASA Johnson	https://youtu.be/1VyPkzP9S-s	The Mission is Simple Mars	The Mission is Simple" is a volunteer outreach project created by the students at NASA Johnson Space Center. Astronaut Michael Fincke asks questions related to our goals in human spaceflight to children ages 4 to 6, and their answers are completely unscripted. For more on our human-rated deep-space vehicle, Orion, visit nasa.gov/orion Join the conversation online with #ImOnBoard Mike on Twitter: https://twitter.com/AstroIronMike For students interested in opportunities at NASA Johnson Space Center: http://pathways.jsc.nasa.gov/index.html https://www.facebook.com/NASA.JSC.Students https://twitter.com/nasajscstudents NASA is developing the capabilities needed to send humans to an asteroid by 2025 and Mars in the 2030s – goals outlined in the bipartisan NASA Authorization Act of 2010 and in the U.S. National Space Policy, also issued in 2010. Explore NASA's #JourneyToMars... http://go.nasa.gov/VFZMQg	Transcript Link
2014 08 20	NASA Johnson	https://youtu.be/8EjaBhwZmJ0	Space Station Live Joystick Puts Astronauts in Touch With Telerobotics	Space Station Live commentator Rob Navias talks with Dr. Andre Schiele, head of the European Space Agency's telerobotics lab at ESTEC, about the Haptics-1 experiment that arrived at the International Space Station aboard the fifth Automated Transfer Vehicle. The Haptics-1 study involves the installation of a highly advanced joystick on the space station, designed for the study of remote control of robots on Earth by astronauts in space.	Transcript Link
2014 08 18	NASA Johnson	https://youtu.be/DVnhSquA9no	Monthly ISS Research Video Update for July 2014	Highlights of recent research conducted on the International Space Station.	Transcript Link

2014 08 18	NASA Johnson	https://youtu.be/4q-vzeFwqIw	Student Experiments on the Space Station	NASA Public Affairs Officer Brandi Dean and space station scientist Liz Warren conduct a Digital Learning Network Event with students from Fayette Academy, Somerville, TN. The students are participating in a program where their science experiment will be going up in November to the International Space Station. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2014 08 18	NASA Johnson	https://youtu.be/Ln4956Wx65E	Preparing America for Deep Space Exploration Episode 7	A quick look at what's been going on in the Orion, Space Launch System and Ground Systems Development and Operations programs in April, May and June of 2014.	Transcript Link
2014 08 15	NASA Johnson	https://youtu.be/BbAxZoIeznI	Space to Ground Hello Georges 8 15 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 08 14	NASA Johnson	https://youtu.be/lD4DfF7Kjgw	Preview of Aug. 18 Station Spacewalk	EVA specialist Devan Bolch narrates this computer animated video of the tasks that Expedition 40 cosmonauts Alexander Skvortsov and Oleg Artemyev are slated to perform during their Aug. 18, 2014 spacewalk outside the International Space Station.	Transcript Link

2014 08 13	NASA Johnson	https://youtu.be/bSAtztj37hM	Space Station Live HUNCH Extreme Science	NASA Public Affairs Lori Meggs interviews Florence Gold, HUNCH Extreme Science Project Manager, and Matt Heer, from Platteville High School in Platteville, Wisconsin. High school students United with NASA to Create Hardware or HUNCH is an instructional partnership between NASA and high schools and intermediate/middle schools. This segment aired during Space Station Live on August 13, 2014.	Transcript Link
2014 08 12	NASA Johnson	https://youtu.be/S7WJtQYU8i4	STS-26 Wakeup Call Robin Williams and Space Shuttle Discovery	On Sep. 30, 1988, the Space Shuttle Discovery crew started its day with a wakeup call from actor Robin Williams. STS-26 Commander Frederick H. Hauck, Pilot Richard Covey, Mission Specialists Mike Lounge, Pinky Nelson and David Hilmers received the traditional wake-up call on their first day in orbit on a mission to deploy NASA Tracking and Data Relay Satellite-3, part of a network of satellites that support numerous NASA satellites and human spacecraft, including the International Space Station. Astronaut spacecraft communicators, or CAPCOMS, Kathy Sullivan (currently the leader of the National Oceanic and Atmospheric Administration) and Kathy Thornton, relayed the message from Mission Control in Houston.	Transcript Link
2014 08 12	NASA Johnson	https://youtu.be/ILcG7bNvbjA	Space Station Live Science for Students	Space Station Live commentator Brandi Dean interviews Dr. Camille Alleyne, the ISS assistant program scientist. This interview aired during Space Station Live on August 12, 2014.	Transcript Link
2014 08 11	NASA Johnson	https://youtu.be/Xzz9bWwcg3g	Preparing America for Deep Space Exploration Episode 7 Music Video	A quick look at what's been going on in the Orion, Space Launch System and Ground Systems Development and Operations programs in April, May and June of 2014.	Transcript Link

2014 08 08	NASA Johnson	https://youtu.be/bs2zTC0FoS8	Robo-Glove & NASA Technology Licensing Opportunities	Researchers at the NASA Johnson Space Center in collaboration with General Motors have designed and developed Robo-Glove, a wearable human grasp assist device, to help reduce the grasping force needed to operate tools for an extended time or for repetitive motion tasks. This wearable device allows the user to tightly grip tools and other items for longer periods of time without experiencing muscle discomfort or strain. The Robo-Glove also has potential applications in prosthetic devices, rehabilitation aids, and people with impaired or limited arm and hand muscle strength. The Robo-Glove is a patented technology available for commercial technology licensing. For more information about Robo-Glove and other technology license opportunities, visit: http://technology.jsc.nasa.gov For additional information about partnering with NASA, visit http://go.nasa.gov/1skM3wB http://go.nasa.gov/1iTblhL http://go.nasa.gov/1k6KgCP http://www.nasa.gov/connect	Transcript Link
2014 08 08	NASA Johnson	https://youtu.be/Cz8qVeNmcw0	Space to Ground Looking Down 8 8 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 08 07	NASA Johnson	https://youtu.be/raLFLiap4vA	Shuttle Replica's Emblems Revealed at Space Center Houston	Space Center Houston President and CEO Richard Allen, Jr. and retired astronaut Clay Anderson unveil the name ''Independence'' on the forward fuselage of a high-fidelity space shuttle replica during an event on July 25. The replica is destined to be lifted atop a retired Boeing 747 Shuttle Carrier Aircraft that was used by NASA to ferry the shuttles from California to their Florida launch site. The ceremonies dubbed "The Rise of Independence" will take place on August 14. More information about the event may be found at: http://www.spacecenter.org.	Transcript Link

2014 08 06	NASA Johnson	https://youtu.be/GegxWRMH5Zk	Space Station Live Europe's ATV-5 Heading to Station	Space Station Live commentator Pat Ryan interviews Eric Van Der Wal, the ISS program liaison for the European Space Agency. This interview aired during Space Station Live on August 6, 2014.	Transcript Link
2014 08 06	NASA Johnson	https://youtu.be/hftkNNjhVQA	Space Station Live Bone Densitometer	NASA Public Affairs Lori Meggs interviews Rich Boling, the vice president of corporate advancement for Techshot, Inc., about the Bone Densitometer X-ray device that is schedule to launch to the International Space Station in September. This segment aired during Space Station Live on August 6, 2014.	Transcript Link
2014 08 01	NASA Johnson	https://youtu.be/Knx4OPUxyQo	Swanson Runs Relay in Space	NASA Astronaut Steve Swanson is running as part of a group relay run taking place in Colorado. Astronauts have to work out two hours each day to maintain health and fitness. They also participate in biomedical research investigations that help with medical issues on Earth such as Duchene's disease, cancer and osteoporosis. More information can be found here: http://www.nasa.gov/mission_pages/station/research/benefits/ You can follow Steve Swanson on Instagram at: http://www.instagram.com/iss You can follow NASA Astronauts on Twitter @NASA_Astronauts	Transcript Link
2014 08 01	NASA Johnson	https://youtu.be/GmunwLsV9M4	Space to Ground Food, Fuel and Supplies 8 1 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 07 31	NASA Johnson	https://youtu.be/gQZYJhSmw7c	Space Station Live Materials Research on Station	NASA Public Affairs Lori Meggs interviews Kim de Groh, MISSE investigator, Glenn Research Center, and Miria Finckenor, MISSE investigator, MSFC. The MISSE, or Materials on the International Space Station Experiment, has studied the way materials behave in microgravity since 2001. Hundreds of scientists and engineers have had materials fly as part of MISSE. This segment aired during Space Station Live on July 30, 2014.	Transcript Link
2014 07 31	NASA Johnson	https://youtu.be/0frkZPC-c0s	Space Station Live Earth Photos from Station	Space Station Live commentator Amiko Kauderer interviews Dr. Justin Wilkinson, Principal Geoscientist from Jacobs Engineering. This interview aired during Space Station Live on July 31, 2014.	Transcript Link
2014 07 28	NASA Johnson	https://youtu.be/UWagc3u6Guw	Space Station Robotics Installing a New Camera	The Canadarm2 Boom B Camera Light Pan/tilt Assembly (CLPA) was producing a usable but hazy view with working lights, but could not be used for detailed inspections. The Mobile Base System (MBS) Mast CLPA has been unavailable since its failure in May 2012. The CLPA was removed from MBS Mast by EVA crew (July 2013) & returned to Earth on SpX-3 Dragon. This video shows the Canadian-built Dextre robot remove the CLPA from the Canadarm2 and move it to the Mobile Base mast location. Then the crew inside the station mounts a new CLPA to the US-built JEM ORU Transfer Interface (JOTI) and sends it outside the ISS via the Japanese-built airlock. Dextre then removes the camera from the JOTI and installs it on the Canadarm2, completing the ground controlled robotic repair operations.	Transcript Link
2014 07 28	NASA Johnson	https://youtu.be/oBwgZPKYNA4	Space Station Live "Wild West Relay"	Space Station Live commentator Amiko Kauderer interviews NASA astronaut Suni Williams about Expedition 40 commander Steve Swanson's participation in the "Wild West Relay" while abroad the International Space Station. Swanson is part of a six-person team that will compete in the relay race, covering the 200-miles from Fort Collins, Colorado to Steamboat Springs, his hometown. This interview aired during Space Station Live on July 28, 2014.	Transcript Link

2014 07 25	NASA Johnson	https://youtu.be/zYjtSJVFLlg	Space Station Live NEEMO Aquanaut Mark Vande Hei	Space Station Live commentator Amiko Kauderer interviews NASA astronaut Mark Vande Hei, one of the crew members of the NEEMO 18 underwater expedition. This interview aired during Space Station Live on July 25, 2014.	Transcript Link
2014 07 25	NASA Johnson	https://youtu.be/AAEIp74cyUg	Space to Ground Coming and Going 7 25 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 07 24	NASA Johnson	https://youtu.be/TBDXemkdfVM	Space Station Live Studying Atherosclerosis Risk in Astronauts	Space Station Live commentator Amiko Kauderer interviews Dr. Steven Platts, the principal investigator for Cardio Ox. This interview aired during Space Station Live on July 24, 2014.	Transcript Link
2014 07 23	NASA Johnson	https://youtu.be/jV4aY0VtOFk	Space Station Live Director of Payload Operations	NASA Public Affairs Lori Meggs interviews Payload Operations Director Stephanie Dudley about the daily activities at the POIC, located at the Marshall Space Flight Center in Huntsville, Alabama. This segment aired during Space Station Live on July 23, 2014.	Transcript Link

2014 07 23	NASA Johnson	https://youtu.be/TJYMfmRLsLc	Space Station Live NEEMO 18 Aquanaut Jeanette Epps	Space Station Live commentator Amiko Kauderer interviews NASA astronaut Jeanette Epps, one of the crew members of the NEEMO 18 underwater expedition. This interview aired during Space Station Live on July 23, 2014.	Transcript Link
2014 07 22	NASA Johnson	https://youtu.be/BEV6PxlIHI4	Space Station Live Orion Recovery Training	NASA Public Affairs Officer Brandi Dean talks with Tim Goddard, Neutral Buoyancy Lab Dive Manager, about the Orion recovery training taking place in NASA's 6.2 million gallon facility.	Transcript Link
2014 07 18	NASA Johnson	https://youtu.be/divk-K1l7zM	Space Station Live TechEdSat-4 CubeSat Investigation	Space Station Live commentator Brandi Dean interviews Marc Murbach, the principal investigator for TechEdSat-4. The Technical Education Satellite (TechEdSat) investigation employs a small CubeSat spacecraft that will be deployed from the JEM-Small Satellite Orbital Deployer in order to evaluate, demonstrate and validate new technologies. This interview aired during Space Station Live on July 18, 2014.	Transcript Link
2014 07 18	NASA Johnson	https://youtu.be/f-8w_U7TwoE	Space Station Live Flock of CubeSats to Image Earth	Space Station Live commentator Brandi Dean interviews Chris Boshuizen, co-founder and CTO of Planet Labs. This interview aired during Space Station Live on July 17, 2014.	Transcript Link

2014 07 18	NASA Johnson	https://youtu.be/rkYIqt1NjfI	Space to Ground Special Delivery 7 18 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 07 16	NASA Johnson	https://youtu.be/iVc7WUpB3mc	Expedition 41 42 Crew Introduction	This is the introduction of the Expedition 41/42 Crew from the Expedition 41/42 Crew News Conference on July 16, 2014. NASA astronaut Butch Wilmore, Soyuz commander Alexander Samokutyaev and cosmonaut Elena Serova will launch from the Baikonur Cosmodrome in September to begin a 5 1/2-month stay aboard the International Space Station.	Transcript Link
2014 07 16	NASA Johnson	https://youtu.be/eeQ8L2bu2wc	Space Station Live Integrated Cardiovascular Experiment	Lori Meggs at the Payload Operations Integration Center at the Marshall Space Flight Center in Huntsville, Alabama, talks with Jeffrey Hastings, co-investigator for Integrated Cardiovascular, to learn more about this International Space Station health study and how results from it are already helping folks on Earth.	Transcript Link
2014 07 16	NASA Johnson	https://youtu.be/V3HeXYi9Z5Q	High School Aerospace Scholars A Journey of Discovery	High School Aerospace Scholars (HAS) is a unique educational experience that combines online learning and face to face interaction with real engineers and scientists at the NASA Johnson Space Center in Houston, Texas. The program not only inspires, engages and educates students, but also helps create a new workforce ready to serve our nation's future space exploration. This video features HAS alumni who have pursued careers in Science, Technology, Engineering and Mathematics (STEM). Download video: https://archive.org/details/HighSchoolAerospaceScholars_Journeyof Discovery	Transcript Link

2014 07 15	NASA Johnson	https://youtu.be/jLIltGrSGgc	Space Station Live Orbital-2 Robotics	NASA Public Affairs Officer Brandi Dean talks with Robotics Officer Melanie Miller about the robotics operations supporting the capture and berthing of Orbital Sciences' Cygnus cargo craft. Commander Steve Swanson and Flight Engineer Alexander Gerst will be at the robotics workstation in the International Space Station's cupola to grapple Cygnus with the 57-foot Canadarm2 robotic arm at 6:39 a.m. Wednesday. The robotics team at Houston's Mission Control Center then will command the arm to position Cygnus for its installation on the Earth-facing port of the Harmony node. Cygnus is carrying almost 3,300 pounds of supplies to the station to expand the research capability of the Expedition 40 crew.	Transcript Link
2014 07 11	NASA Johnson	https://youtu.be/zG0WmhUUdcw	Space Station Live Expedition 40 Science	Space Station Live commentator Pat Ryan interviews Expedition 40 lead increment scientist Yuri Guinart-Ramirez at the halfway point of the increment. This interview aired during Space Station Live on July 11, 2014.	Transcript Link
2014 07 11	NASA Johnson	https://youtu.be/XnucfSNn1mU	Space Station Live Preps for Cygnus Cargo Craft	Space Station Live commentator Pat Ryan interviews Floyd Booker, the Orbital 2 visiting vehicle lead. The launch of the Cygnus cargo spacecraft to the International Space Station is now scheduled for 12:52 p.m. EDT on Sunday, July 13, from the Mid-Atlantic Regional Spaceport's Pad 0A at NASA's Wallops Flight Facility in Virginia. This interview aired during Space Station Live on July 11, 2014.	Transcript Link
2014 07 11	NASA Johnson	https://youtu.be/KhPExpo7-U0	Space to Ground 5,000 and Counting 7 11 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 07 10	NASA Johnson	https://youtu.be/7bw-1-55reY	Space Station Live Spaceborne Coastal Imaging	Space Station Live commentator Pat Ryan interviews HICO facility manager Mary Kappus. HICO (Hyperspectral Imager for the Coastal Ocean) is an imaging spectrometer based on the PHILLS airborne imaging spectrometers. HICO is the first spaceborne imaging spectrometer designed to sample the coastal ocean. This interview aired during Space Station Live on July 10, 2014. For more information: http://oceancolor.gsfc.nasa.gov http://hico.coas.oregonstate.edu	Transcript Link
2014 07 09	NASA Johnson	https://youtu.be/tpaCAmFUYLg	Space Station Live High Definition Earth Viewing	To date there have been millions of viewers looking at the High Definition Earth Viewing, or HDEV camera views. Four cameras are sitting on the exterior of the space station which stream live video of Earth for viewing online. The cameras are enclosed in a temperature specific housing and are exposed to the harsh radiation of space. Analysis of the effect of space on the video quality may help engineers decide which cameras are the best types to use on future missions. The Associate Program Scientist for Crew Earth Observations, Will Stefanov, tells us more.	Transcript Link
2014 07 08	NASA Johnson	https://youtu.be/i0ATqsNR_xw	NASA Flight Controller Connects With Washington Aerospace Scholars	From NASA's International Space Station Mission Control Center, PLUTO flight controller Brion Au participated in a Digital Learning Network (DLN) event with Washington Aerospace Scholars at the Museum of Flight in Seattle. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2014 07 07	NASA Johnson	https://youtu.be/qulzwuNTr3w	Space Station Live Astronaut Rick Mastracchio	Space Station Live commentator Pat Ryan interviews NASA astronaut Rick Mastracchio about his time aboard the International Space Station as part of ISS Expeditions 38 and 39. This interview aired during Space Station Live on July 7, 2014.	Transcript Link

2014 07 03	NASA Johnson	https://youtu.be/VYSNn7YUNU8	Monthly ISS research video update for June 2014	Highlights of recent research conducted on the International Space Station.	Transcript Link
2014 07 03	NASA Johnson	https://youtu.be/OFGQoqLY5bc	Space to Ground Lighting Up the Sky	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 07 03	NASA Johnson	https://youtu.be/sdwHT2zP6gw	Space Station Live Japanese Astronaut Koichi Wakata	Public Affairs Officer Dan Huot talks with Japan Aerospace Exploration Agency astronaut Koichi Wakata, the first Japanese commander of the International Space Station.	Transcript Link
2014 07 03	NASA Johnson	https://youtu.be/BV3FT8lyRTo	Space Station Live Reentry Breakup Recorder	Understanding how vehicles behave during atmospheric reentry gives future spacecraft developers unique information that can enhance design efficiencies and safety. One experiment has had three successful flights to gather this never-before-collected information. Public Affairs Officer Lori Meggs at the Payload Operations Integration Center at the Marshall Space Flight Center in Huntsville, Alabama, talks with Andrew Feistel of the Aerospace Corporation to learn more about the Reentry Breakup Recorder.	Transcript Link

2014 07 01	NASA Johnson	https://youtu.be/qBouo5fW758	Space Station Live Investigating Astronaut Vision Problems	Public Affairs Officer Brandi visits the Flight Medicine Optometry Clinic at NASA's Johnson Space Center to talk to Dr. Robert Gibson and learn more about the vision research taking place aboard the International Space Station.	Transcript Link
2014 06 30	NASA Johnson	https://youtu.be/7qxCCz6US9M	Fruit Fly Surveillance	The International Space Station is an exciting location for scientists to conduct research. One exciting research topic that NASA is currently working is researching the effects of microgravity on the biological processes of fruit flies. Engineers have been working closely with scientists to design and build an optimal observation system for the fruit flies that will help them conduct the research they need. Explore the engineering process in this NASA episode of Spark 101.	Transcript Link
2014 06 30	NASA Johnson	https://youtu.be/9fEm0qJoqEo	Space Station Live JAXA Astronaut Commands NEEMO 18	JAXA astronaut Aki Hoshide, recently announced as commander of the next NEEMO (NASA Extreme Environment Mission Operations) mission, discusses the exercise with NASA TV commentator Amiko Kauderer. Hoshide, a veteran of one long-duration mission to the International Space Station, will command a crew of three American and European astronauts and two technicians on a nine-day underwater mission starting July 21 that will focus on studies in behavioral health and performance, human health issues and habitability that will inform future ISS and deep space exploration activities.	Transcript Link
2014 06 30	NASA Johnson	https://youtu.be/XJoDtzqBXXw	Space Station Live Space Outfits	Public Affairs Officer Dan Huot interviews Evelyne Orndoff, Principal Investigator, IVA Clothing. Orndoff talks about the different outfits a space station crew member wears during various on-orbit activities such as exercise, sleep and daily tasks. She also discusses new fabric technologies and replacing clothes.	Transcript Link

2014 06 27	NASA Johnson	https://youtu.be/Zi2IbWs1vHY	U.S. Astronauts Shave Heads Following World Cup Loss to Germany	Aboard the International Space Station, Expedition 40 Commander Steve Swanson and Flight Engineer Reid Wiseman of NASA made good on their bet with German crewmate Alexander Gerst of the European Space Agency. The pair shaved their heads late on June 26 to match Gerst's bald pate in the wake of the U.S. soccer team's loss to Germany 1-0 in the team's World Cup showdown earlier in the day in Recife, Brazil. The crew has been following the World Cup matches closely on orbit through the uplink of programming to them. They also have been posting photos of the World Cup stadiums and their reactions to the matches on social media. Download the HD version: https://archive.org/details/E40WorldCupHairShave140627720p	Transcript Link
2014 06 27	NASA Johnson	https://youtu.be/xdj_A-3gEY4	Space to Ground All Bets Are Off	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 06 26	NASA Johnson	https://youtu.be/3bZWL9pTZZU	Space Station Live Most Compelling Results of 2013	NASA Public Affairs Dan Huot interviews ISS Chief Scientist Julie Robinson about the most compelling results from the International Space Station in 2013. The results were presented at the third annual ISS Research and Development Conference.	Transcript Link
2014 06 25	NASA Johnson	https://youtu.be/UpBwvPeI5VM	Out Of This World Cup	The International Space Station crew shows off their own World Cup moves in an "Out Of This World Cup" match. Zero-gravity offers a unique environment to explore new ways to enjoy and celebrate the world's most popular sport. International Space Station Expedition 40 crew members Steve Swanson, Reid Wiseman, and Alexander Gerst highlight international cooperation while traveling high and fast above the Earth. HD video can be downloaded here: https://archive.org/details/OutOfThisWorldCup140625720p	Transcript Link

2014 06 25	NASA Johnson	https://youtu.be/Dg2kJXlYabw	Space Station Live Bio Canisters in Space	NASA Public Affairs Lori Meggs interviews David Reed, Lead Payload Engineer at Kennedy Space Center. Several new experiments studying bacteria were launched and returned on SpaceX 3. Past studies have shown that bacteria becomes more virulent in space, so we need further research to help us understand why, as we venture farther out to places such as Mars. The experiment discussed was BRIC-18 to find out more about the investigations and how the bric canisters work. This segment aired during Space Station Live on June 25, 2014.	Transcript Link
2014 06 24	NASA Johnson	https://youtu.be/no69oIjyqPA	Space Station Live Orion Parachute Test	Space Station Live commentator Brandi Dean interviews Lara Kearney, the Deputy Manager of the Orion Crew and Service Module. This interview aired during Space Station Live on June 24, 2014.	Transcript Link
2014 06 20	NASA Johnson	https://youtu.be/R4mhT0QtZOs	Space to Ground Out of this World Cup Soccer	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 06 18	NASA Johnson	https://youtu.be/ZYUpdG1tKH0	Space Station Live Russian EVA 38 Animation	This animation depicts spacewalkers Alexander Skvortsov and Oleg Artemyev working outside the Russian segment of the International Space Station for about 6.5 hours of spacewalking tasks. Narration by EVA Specialist Devan Bolch.	Transcript Link

2014 06 18	NASA Johnson	https://youtu.be/ITxb43yiDUo	Space Station Live Manufacturing in Space	Later this year a 3D printer will be heading to the space station. This was a partnership between a commercial company called Made in Space and NASA's Marshall Space Flight Center. Bill Hubscher spoke with Mike Snyder of Made in Space and Niki Werkheiser from Marshall to find out more about working with small businesses on projects like this and the opportunities in the future. The 3-D printer represents the first step toward realizing a suite of capabilities for in-space manufacturing.	Transcript Link
2014 06 17	NASA Johnson	https://youtu.be/MdJRpMK1J7Y	Space Station Live Orion Prepares for First Flight Test	NASA Public Affairs Officer Michael Curie interviews Scott Wilson, NASA's Manager of Orion Production Operations about preparations for the upcoming Exploration Flight Test 1 (EFT-1) mission. This interview aired during Space Station Live on June 17, 2014.	Transcript Link
2014 06 17	NASA Johnson	https://youtu.be/TIZ8V9Hq9H8	Preparing America for Deep Space Exploration Episode 6 Music Video	2014 is off to an amazing start as NASA rockets toward this year's launch of Exploration Flight Test-1!	Transcript Link
2014 06 13	NASA Johnson	https://youtu.be/Gv479VS97Ao	Space to Ground Progress June 13, 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 06 12	NASA Johnson	https://youtu.be/tixSKAAfiiw	Space Station Live Veggie Harvest Shows Promise	Space Station Live commentator Brandi Dean talks with Dr. Gioia Massa, Veggie science team lead, about the validation test of the Veggie compact greenhouse aboard the International Space Station.	Transcript Link
2014 06 11	NASA Johnson	https://youtu.be/IaMmaGFZFZI	Astronaut Vision Changes in Microgravity	Astronauts' bodies change in a variety of ways during spaceflight, and some experience impaired vision. NASA is working to understand and prevent these changes, which may also help us understand and prevent related vision changes on Earth.	Transcript Link
2014 06 11	NASA Johnson	https://youtu.be/sLwW3pdXkFo	Astronauts to Watch World Cup Aboard Space Station	As fans around the world tune in to World Cup 2014, a few fans out of this world will be watching, too. United States astronauts Reid Wiseman and Steve Swanson and German astronaut Alexander Gerst will be cheering on their teams from some 230 miles above Earth aboard the International Space Station. Download HD video: https://archive.org/details/E40WorldCup140611720p	Transcript Link
2014 06 11	NASA Johnson	https://youtu.be/rnskwzPFijs	Space Station Live Upgrading Payload Operations	Public Affairs Officer Lori Meggs interviews Angela Marsh, branch chief for the Mission Operations Systems at Marshall Space Flight Center. They discuss the upgrades at the Payload Operations Integration Center which operates payloads in space 24 hours a day, seven days a week.	Transcript Link

2014 06 10	NASA Johnson	https://youtu.be/G6ZWuT-LSIQ	Space Station Live CBS News Interviews Reid Wiseman	During an interview with CBS News, Expedition 40 mission specialist Reid Wiseman shared his thoughts about the growing popularity of his Twitter postings from the International Space Station. You can follow Wiseman during his mission on Twitter (@astro_reid). This segment aired during Space Station Live on June 10, 2014.	Transcript Link
2014 06 06	NASA Johnson	https://youtu.be/GehurZjIA0w	Space to Ground Tweets From 250 Miles Up June 6, 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 06 05	NASA Johnson	https://youtu.be/O5asRmTtfpY	Space Station Live Preps for Deep Space Exploration	Space Station Live commentator Pat Ryan interviews Bill Gerstenmaier, NASA's Associate Administrator for Human Exploration and Operation Directorate about the work that the agency is doing to prepare for deep space exploration missions of the future. This interview aired during Space Station Live on June 5, 2014.	Transcript Link
2014 06 05	NASA Johnson	https://youtu.be/6bQCWkrFBS0	Preparing America for Deep Space Exploration Episode 6	2014 is off to an amazing start as NASA rockets toward this year's launch of Exploration Flight Test-1.	Transcript Link

2014 06 05	NASA Johnson	https://youtu.be/Qf6ArVwQ120	Space Station Live Expedition 40 Science Under Way!	MSFC's Lori Meggs interviews Payload Operations Director Mike Shell from the Marshall Space Flight Center about the start of Expedition 40 science. Astronauts conduct science daily across a wide variety of fields, including human life sciences, biological science, human physiology, physical and materials science, and Earth and space science. The Payload Operations Integration Center is the heartbeat for ISS research operations. This is the weekly POIC segment from MSFC and aired during Space Station Live on June 4, 2014.	Transcript Link
2014 06 04	NASA Johnson	https://youtu.be/r2GhWt1chYc	COTS Highlights	Highlights of the Commercial Orbital Transportation Services (COTS) Program include footage from the SpaceX Dragon and Orbital Sciences Cygnus missions to the International Space Station.	Transcript Link
2014 06 04	NASA Johnson	https://youtu.be/e8-mITnP2YI	Space Station Live Optical Communication From Space	Space Station Live commentator Pat Ryan interviews Matt Abrahamson, the OPALS mission manager at NASA's Jet Propulsion Laboratory. OPALS (Optical PAyload for Lasercomm Science) is a demonstration of optical communication by transferring a video from the OPALS payload on the International Space Station to a ground receiver at JPL's Optical Communications Telescope Laboratory in Wrightwood, California. Optical communications is an emerging technology wherein data is modulated onto laser beams, which offers the promise of much higher data rates than what is achievable with radio-frequency (RF) transmissions. This interview aired during Space Station Live on June 4, 2014.	Transcript Link
2014 06 03	NASA Johnson	https://youtu.be/coZRUh_O2S8	Space Station Live Subregional Bone Loss	One of the very first studies on board the space station characterized bone loss for crews flying long-duration missions. Results from this experiment may help investigators understand bone loss on Earth as well as in space. Lori Meggs with the station's Payload Operations Integration Center at the Marshall Space Flight Center in Huntsville caught up with Tom Lang, the lead scientist of the SubRegional Bone Investigation. He discussed his findings and what we're doing to counteract the affects of microgravity on bone tissue.	Transcript Link

2014 06 03	NASA Johnson	https://youtu.be/vXvjddJ_Xzk	Space Station Live Testing New Communications Systems In Space	Space Station Live commentator Pat Ryan interviews Richard Reinhart, the principal investigator of the Space Communications and Navigation (SCaN) test bed. SCaN test bed is an advanced integrated communications system and laboratory facility on the International Space Station. Using a new generation of Software Defined Radio (SDR) technologies, this ISS facility will allow researchers to develop, test, and demonstrate new communications, networking, and navigation capabilities in the actual environment of space.	Transcript Link
2014 06 03	NASA Johnson	https://youtu.be/CSsSky_8myg	Researching Bacteria's Virulence in Space	NASA is partnering with Universities and other businesses in scientific research aboard the International Space Station. A scientist from Arizona State University's Biodesign Institute has partnered with NASA to investigate the effect of spaceflight on the genetic responses and disease-causing potential of microbial pathogens. Explore this research in this NASA episode of Spark 101.	Transcript Link
2014 05 30	NASA Johnson	https://youtu.be/9pRa5X07Vdk	Space Station Live Osteoporosis Research	Space Station Live commentator Dan Huot interviews Dr. Scott M. Smith, the manager for Nutritional Biochemistry at Johnson Space Center, about osteoporosis research onboard the International Space Station. This interview aired during Space Station Live on May 30, 2014.	Transcript Link
2014 05 30	NASA Johnson	https://youtu.be/OVKubdxYGFk	Space Station Live Astronaut Reid Wiseman	Prior to his launch from the Baikonur Cosmodrome in Kazakhstan, Expedition 40 Mission Specialist Reid Wiseman was interviewed by Space Station Live commentator Pat Ryan about his upcoming mission to the International Space Station. This interview aired during Space Station Live on May 28, 2014.	Transcript Link

2014 05 30	NASA Johnson	https://youtu.be/eLYeJXH5n44	Space to Ground New Crew Boards ISS May 30, 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 05 29	NASA Johnson	https://youtu.be/h1u2kBuPu2c	Space Station Live	Lori Meggs of the Marshall Payload Operations and Integrations Center discusses protein crystal growth experiments with Dr. Yoshihiro Urade of the Osaka Biotechnology Institute in Japan.	Transcript Link
2014 05 29	NASA Johnson	https://youtu.be/zqhlzn49_q0	Meet the Station's Expedition 40 Crew	Meet the six-member Expedition 40 crew of the International Space Station.	Transcript Link
2014 05 29	NASA Johnson	https://youtu.be/4ygmhsrfBoQ	Welcome Aboard! New Crew Arrives on Space Station	After launching earlier in the day in their Soyuz TMA-13M spacecraft from the Baikonur Cosmodrome in Kazakhstan, Expedition 40/41 Soyuz Commander Max Suraev of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Reid Wiseman and Flight Engineer Alexander Gerst of the European Space Agency were greeted aboard the International Space Station by station Commander Steve Swanson of NASA and Flight Engineers Alexander Skvortsov and Oleg Artemyev of Roscosmos.	Transcript Link

2014 05 29	NASA Johnson	https://youtu.be/w0RuyH592S0	Expedition 40 Soyuz Docks to Space Station	The Soyuz TMA-13M carrying Reid Wiseman of NASA, Maxim Suraev of the Russian Federal Space Agency (Roscosmos) and Alexander Gerst of the European Space Agency docked to the International Space Station 262 miles above Earth and off the coast of northern Peru at 9:44 p.m. EDT on Wednesday, May 28.	Transcript Link
2014 05 28	NASA Johnson	https://youtu.be/g-NsdyAYO0g	New Crew Begins Journey to Space Station	Expedition 40/41 Soyuz Commander Max Suraev of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Reid Wiseman and Flight Engineer Alexander Gerst of the European Space Agency launched on the Russian Soyuz TMA-13M spacecraft on May 29, Kazakh time from the Baikonur Cosmodrome in Kazakhstan to begin a six-hour journey to the International Space Station.	Transcript Link
2014 05 28	NASA Johnson	https://youtu.be/dobPM34aJs8	Alexander Gerst Crew Profile	Get to know European Space Agency astronaut Alexander Gerst, Expedition 40/41 Flight Engineer, who is on his first space flight mission.	Transcript Link
2014 05 28	NASA Johnson	https://youtu.be/T7OcgHp4Zp4	Reid Wiseman Crew Profile	Get to know NASA astronaut Reid Wiseman, Expedition 40/41 Flight Engineer, who is on his first space flight mission.	Transcript Link

2014 05 28	NASA Johnson	https://youtu.be/PrOdwo8gU6I	Max Suraev Crew Profile	Get to know Roscosmos cosmonaut Max Suraev, Expedition 40 Flight Engineer and Expedition 41 Commander, who is on his second space flight mission to the International Space Station. His first being Expedition 21/22 Flight Engineer from September 2009 until March 2010.	Transcript Link
2014 05 27	NASA Johnson	https://youtu.be/0OxoEnzAhFg	Expedition 40 41 Mission Overview	The International Space Station has been a working science laboratory and exploration outpost for more than 15 years, and fostered advances in science and technology in that time. But it's the possibilities for future discoveries that have the crew members excited about this mission.	Transcript Link
2014 05 27	NASA Johnson	https://youtu.be/SSGhP0aOcAQ	Space Station Live Exploration Flight Test 1 Operations	Public Affairs Officer Dan Huot interviews Flight Director Mike Sarafin about EFT-1, or Exploration Flight Test 1. The flight test of the Orion crew module will go from low-Earth orbit to high-Earth orbit on its second orbit and test a high energy re-entry into Earth's atmosphere.	Transcript Link
2014 05 27	NASA Johnson	https://youtu.be/2v-3Cehq-d4	Expedition 40 Crew Profile	A brief biography of the crew of Expedition 40, Max Suraev, Alexander Gerst, and Reid Wiseman who will be launching to the International Space Station on May 28, 2014.	Transcript Link

2014 05 23	NASA Johnson	https://youtu.be/Q9Z6-1Lt00o	Space Station Live Short, High-Intensity Exercise to Stay in Space Shape	Public Affairs Office Amiko Kauderer interviews Lori L. Ploutz-Snyder, lead investigator of the long-running Sprint VO2 exercise experiment. That study investigates high-intensity, low duration exercise techniques on the space station using a resistance device, an exercise bike and a treadmill.	Transcript Link
2014 05 23	NASA Johnson	https://youtu.be/jywPZvL7Vu0	Space To Ground Ready To Fly May 23, 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 05 22	NASA Johnson	https://youtu.be/vgZymJC4a-g	Space Station Live 3D Printing in Space	NASA and Made in Space, Inc., are working to send a 3-D printer to the International Space Station. The 3-D printing in Zero-G technology demonstration experiment will show that a 3-D printer can work normally in space. A 3-D printer extrudes streams of heated plastic, metal or other material, building layer on top of layer to create three-dimensional objects. Testing a 3-D printer on the space station is the first step towards establishing a working machine shop in space, a critical component for astronaut missions and in-space manufacturing. This is the weekly Payload Operations Integration Center segment from Marshall Space Flight Center in Huntsville, Alabama, and aired during Space Station Live on May 22, 2014.	Transcript Link
2014 05 21	NASA Johnson	https://youtu.be/wUgBiEgF138	Rodent Research in Microgravity	There are components of rodent biology that are directly related to human biology. Almost every gene found in the human so far has been found in a closely related form in the rodent. We can use the rodent research model for understanding human changes in space. Because changes occur more quickly in rodents, we can study these changes more effectively.	Transcript Link

2014 05 21	NASA Johnson	https://youtu.be/_Hv3WDLqm3Q	Space Station Live CASIS Manages Station U.S. National Laboratory	Space Station Live commentator Amiko Kauderer interviews Duane Ratliff, the chief operating officer for the Center for the Advancement of Science in Space (CASIS). In 2011, NASA chose CASIS to be the sole manager of the International Space Station U.S. National Laboratory. This interview aired during Space Station Live on May 21, 2014.	Transcript Link
2014 05 21	NASA Johnson	https://youtu.be/EnpPsLf43r4	Expedition 40 41 Pre-Launch Activities at Baikonur Cosmodrome	At the Baikonur Cosmodrome in Kazakhstan, Expedition 40/41 Soyuz Commander Max Suraev of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Reid Wiseman and Flight Engineer Alexander Gerst of the European Space Agency participated in a variety of activities from May 15-21 as they prepared for their launch to the International Space Station on May 29, Kazakh time, in the Soyuz TMA-13M spacecraft.	Transcript Link
2014 05 21	NASA Johnson	https://youtu.be/5bqqGcdtLYA	Next Station Crew Tours Red Square on May 8	Expedition 40/41 Soyuz Commander Max Suraev of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Reid Wiseman and Flight Engineer Alexander Gerst of the European Space Agency and their backups, Anton Shkaplerov of Roscosmos, Terry Virts of NASA and Samantha Cristoforetti of the European Space Agency toured Red Square and the Kremlin in Moscow on May 8, where they laid flowers at the Kremlin Wall where Russian space icons are interred. Suraev, Wiseman and Gerst are scheduled for a May 29 launch, Kazakh time, in the Soyuz TMA-13M spacecraft to begin a six-month mission on the International Space Station.	Transcript Link
2014 05 19	NASA Johnson	https://youtu.be/zgR5treTe6s	Space Station Live X-Hab Academic Innovation Challenge	Space Station Live commentator Amiko Kauderer interviews Lora Bailey, the Exploration Augmentation Module Project Manager regarding the X-Hab Academic Innovation Challenge. The competition is a university-level challenge, intended to link with senior- and graduate-level design curricula that emphasize hands-on design, research, development, and manufacture of functional prototypical subsystems that enable functionality for space habitats and deep space exploration missions. This interview aired during Space Station Live on May 19, 2014.	Transcript Link

2014 05 16	NASA Johnson	https://youtu.be/WhGWOQr0m6E	Space Station Live Force Shoes	Dr. Andrea Hanson, principal investigator for the Force Shoes experiment, joins Public Affairs Officer Brandi Dean to discuss the demonstration test to measure the static and dynamic loads experienced by astronauts exercising aboard the International Space Station. Researchers will use the measurements made by the XSENS ForceShoe™ system to quantify exercise load data which is needed for support of current and future human research experiments.	Transcript Link
2014 05 16	NASA Johnson	https://youtu.be/90MbOj7lD-Q	Space to Ground Return to Earth 05 16 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 05 15	NASA Johnson	https://youtu.be/YeaxbbhOnX4	Expedition 40 Departs to Launch Site	Expedition 40/41 Soyuz Commander Max Suraev of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Reid Wiseman and Flight Engineer Alexander Gerst of the European Space Agency and their backups, Anton Shkaplerov of Roscosmos, Terry Virts of NASA and Samantha Cristoforetti of the European Space Agency participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia, outside Moscow on May 15. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete their training for the launch of Suraev, Wiseman and Gerst to the International Space Station in the Soyuz TMA-13M spacecraft on May 29, Kazakh time. Read more about Expedition 40... http://go.nasa.gov/1sw4lGv	Transcript Link
2014 05 14	NASA Johnson	https://youtu.be/y0gy1WqB1n4	Welcome Home Expedition 39!	Expedition 39 Commander Koichi Wakata of the Japan Aerospace Exploration Agency, NASA Flight Engineer Rick Mastracchio and Soyuz Commander Mikhail Tyurin of the Russian Federal Space Agency (Roscosmos) were greeted in a traditional ceremony at the airport in Karaganda, Kazakhstan, on May 14, a few hours after landing in their Soyuz TMA-11M spacecraft in Kazakhstan near the town of Dzhezkazgan.. The footage includes interviews conducted with Mastracchio before he began the trip back to Houston.	Transcript Link

2014 05 14	NASA Johnson	https://youtu.be/Tq-mef33XBg	The Power of NASA Interns	NASA Johnson Space Center's internship program is designed to provide both an inspiring educational opportunity for students and productive help for the JSC team. For more information on internships and to apply, visit: http://go.nasa.gov/1l9AL78	Transcript Link
2014 05 13	NASA Johnson	https://youtu.be/rX6lI__Trvw	Expedition 39 Soyuz Undocks from Station	After spending 188 days aboard the International Space Station, Koichi Wakata, Rick Mastracchio and Mikhail Tyurin undocked from the station's Rassvet module at 6:36 p.m. EDT to begin their voyage home. Tyurin, the Soyuz commander, was at the controls of the Soyuz TMA-11M spacecraft. The crew is scheduled to land at 9:58 p.m. EDT, southeast of Dzhezkazgan, Kazakhstan.	Transcript Link
2014 05 13	NASA Johnson	https://youtu.be/dfa6H1oWgEA	Station Crewmates Board Soyuz for Journey Home	Expedition 39 Commander Koichi Wakata of JAXA, Flight Engineer Rick Mastracchio of NASA, and Flight Engineer Mikhail Tyurin of Roscosmos entered their Soyuz TMA-11M spacecraft and the hatch was closed at 2:26pm central time. The Soyuz will be undocking from ISS at 5:36pm central with a landing scheduled at 8:58pm central in Kazakhstan.	Transcript Link
2014 05 13	NASA Johnson	https://youtu.be/hxe4JHOFxM0	Space Station Live Latest Science on the Orbital Laboratory	Public Affairs Officer Brandi interviews Expedition 39/40 Lead Increment Scientist Yuri Guinart-Ramirez. The International Space Station scientist talks about the advanced science, both complete and new experiments, taking place on the orbital laboratory.	Transcript Link

2014 05 12	NASA Johnson	https://youtu.be/mDekX5D6428	Expedition 39 40 Change of Command Ceremony	The reins of the International Space Station were passed from Koichi Wakata of the Japan Aerospace Exploration Agency to NASA's Steve Swanson during a ceremony on the orbital outpost on May 12.	Transcript Link
2014 05 12	NASA Johnson	https://youtu.be/Jsa5Etrx3fs	Bone Remodeling in Microgravity	The bones in our bodies are alive, growing and changing all the time. The constant process of bones growing and changing is known as bone remodeling. While in microgravity, astronauts experience an increased rate of bone loss. This loss is similar to osteoporosis. Understanding bone loss associated with microgravity can help researchers understand the mechanisms of bone loss in a wide range of disorders.	Transcript Link
2014 05 09	NASA Johnson	https://youtu.be/T-3S248Lqxw	Space Station Live Testing a New Spacesuit for an Asteroid Spacewalk	Interview with NASA astronauts Stan Love and Steve Bowen, conducted during a Neutral Buoyancy Lab test run of the MACES spacesuit being developed for spacewalks on an asteroid exploration mission—the astronauts spoke with NASA commentator Pat Ryan live from underwater about NASA's plans for exploring an asteroid and developing the tools needed to support that plan.	Transcript Link
2014 05 09	NASA Johnson	https://youtu.be/vJw0cYldD80	Asteroid Initiative Practicing for a Future Mission to an Asteroid	Astronauts Stan Love and Steve Bowen practice climbing out of the Orion spacecraft and taking samples from an asteroid in the Neutral Buoyancy Laboratory at Johnson Space Center.	Transcript Link

2014 05 09	NASA Johnson	https://youtu.be/rvey9CPXdfc	Space to Ground - 5 09 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 05 08	NASA Johnson	https://youtu.be/PPPn55TBnHc	Expedition 39 NFL Draft Message	NASA Astronauts and Flight Engineers of Expedition 39 Steve Swanson and Rick Mastracchio downlinked a message from the International Space Station to kick off the NFL network's draft night coverage. The International Space Station crew were asked by the NFL to provide this special message, since the Houston Texans are selected for the first draft and Houston is home of the space station astronauts back on Earth.	Transcript Link
2014 05 07	NASA Johnson	https://youtu.be/hdEHYRK9Fwo	Florida Students Learn About Station Operations	JSC Digital Learning Network's Michael Hare introduces NASA Public Affairs Officer Pat Ryan, ISS ETHOS Officer Laura Beachy to students from Endeavour Elementary School, Cocoa, Fla. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2014 05 07	NASA Johnson	https://youtu.be/HWeGYVeRxxg	Space Station Live Imaging Earth from the Station	ISS Commentator Bill Hubscher interviews Burgess Howell, the principal investigator and payload developer for the ISS Environmental Research and Visualization System (ISERV).	Transcript Link

2014 05 07	NASA Johnson	https://youtu.be/EdTl0Lzj93g	Expedition 40 41 Final Exams	Expedition 40/41 Soyuz Commander Max Suraev of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Reid Wiseman and Flight Engineer Alexander Gerst of the European Space Agency and their backups, Anton Shkaplerov of Roscosmos, Terry Virts of NASA and Samantha Cristoforetti of the European Space Agency, conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia May 6 and 7. Suraev, Wiseman and Gerst are scheduled for a May 29 launch, Kazakh time, in the Soyuz TMA-13M spacecraft to begin a six-month mission on the International Space Station.	Transcript Link
2014 05 06	NASA Johnson	https://youtu.be/6_jVQCx7AGc	Space Station Live Studying How Plants Sense Gravity	Among the thousands of pounds of cargo inside that Dragon freight carrier there are a number of new science experiments designed to take advantage of the low Earth orbit environment; one of them, called Biotube MICRO, is focused on how plants sense and respond to gravity. Space Station Live commentator Pat Ryan talks with Dr. Karl Hasenstein of the University of Louisiana at Lafayette to learn more.	Transcript Link
2014 05 05	NASA Johnson	https://youtu.be/P_eBWWlYgV8	Music in Space, May 2, 2014	Students from Pearl Hall Elementary school joined Astronaut Cady Coleman, Houston Symphony violinist Sergei Galperin, and Bella Galia founder & violinist Kenji Williams in a live linkup between the Johnson Space Center and the International Space Station. Expedition 39 crew member Koichi Wakata joined Kenji Williams for a space-Earth duet of Gagaku music.	Transcript Link
2014 05 02	NASA Johnson	https://youtu.be/0nZ3lytNWiE	Music in Space Event with Commander Koichi Wakata	Expedition 39 commander Koichi Wakata along with students from Pearl Hall Elementary in Pasadena, Texas, performed songs with NASA astronaut Cady Coleman, Houston Symphony violinist Sergei Galperin and violinist Kenji Williams at NASA's Johnson Space Center in Houston.	Transcript Link

2014 05 02	NASA Johnson	https://youtu.be/XGIYrcwcWV4	Space Station Live Commercial Crew Manager Talks Spaceflight Future	Public Affairs Officer Kyle Herring talks to Kathy Lueders, Commercial Crew Program Manager, about the private companies designing future spacecraft to take humans to and from low Earth orbit and the International Space Station.	Transcript Link
2014 05 02	NASA Johnson	https://youtu.be/JiMyvj0jsLY	Space to Ground - 5 02 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 05 01	NASA Johnson	https://youtu.be/mxUgl7Qngxg	Space Station Live Molecular Behavior of Solids, Liquids and Gases	Tracy McMahan, a public affairs officer at the Marshall Space Flight Center, spoke with Gabriel Pont, DECLIC's mission manager from the French Space Agency (CNES). Data from the investigation wilkl show how various materials change from solid to liquid to gas and back again on the molecular level. Read more about the experiment... http://go.nasa.gov/1dTMJ2V	Transcript Link
2014 04 30	NASA Johnson	https://youtu.be/KlRleRABIdg	Space Station Live Studying Plants in Space for Better Medicine	Space Station Live commentator interviews Dr. Timothy Hammond, principal investigator for the Advanced Plant Experiments 2 delivered inside the SpaceX Dragon cargo spacecraft. The study investigates cell structures in space to improve new medicine development.	Transcript Link

2014 04 29	NASA Johnson	https://youtu.be/iDqg74xqZB4	Space Station Live Robotic Cargo Transfers from Dragon	Public Affairs Officer Kyle Herring talks to Robotics Officer Troy McCracken about the external cargo being unloaded from the SpaceX Dragon's trunk. The Canadarm2 with the Dextre in its grasp is removing the HDEV and OPALS experiments. http://www.nasa.gov/mission_pages/station/research/experiments/917.html http://www.nasa.gov/mission_pages/station/research/experiments/861.html	Transcript Link
2014 04 28	NASA Johnson	https://youtu.be/-4KWnWx1q3M	Space Station Live The Big Move	Space Station Live commentator Kyle Herring interviews Paul Spana, the exhibits manager from Space Center Houston regarding "The Big Move" of the Shuttle Carrier Aircraft from Ellington Field to Space Center Houston. This interview aired during Space Station Live on April 28, 2014.	Transcript Link
2014 04 25	NASA Johnson	https://youtu.be/QEBkes31Z8U	Space Station Live Adjusting to Life After Space	Space Station Live commentator Kyle Herring interviews NASA Astronaut Mike Hopkins about his time aboard the International Space Station. While serving as a flight engineer during Expedition 37/38, Hopkins conducted a pair of U.S. spacewalks or a total of 12 hours and 58 minutes.	Transcript Link
2014 04 25	NASA Johnson	https://youtu.be/Y21wlqIKkb0	Space to Ground - 4 25 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 04 24	NASA Johnson	https://youtu.be/D1B2fwK4vd0	Space Station Live Destination Station Indianapolis	Space Station Live commentator Kyle Herring interviews Megan Sumner, the media lead for Destination Station: Indianapolis. Destination Station is NASA's International Space Station Program national awareness campaign that promotes research opportunities, educates communities about activities performed on the International Space Station, and communicates the real and potential impacts of the station on our everyday lives.	Transcript Link
2014 04 24	NASA Johnson	https://youtu.be/bTNUHsTwq0A	Space Station Live Gardening in Space	Paul Zamprelli, Business Director for Orbital Technologies Corp., talks about the VEGGIES experiment. The study will provide the technology to grow vegetables such as lettuce, tomatoes and radishes for astronaut consumption.	Transcript Link
2014 04 24	NASA Johnson	https://youtu.be/ZPATyyn39uM	Test Version of Orion is Dropped C-17	A test version of Orion is dropped from a C-17, while flying 13,000 feet above the Arizona desert at the U.S. Army's Yuma Proving Ground on April 23. The spacecraft is released from the airplane on a sled that moves it safely away. Then a series of programmer parachutes get it into position for the test before the three massive orange and white main parachutes deploy. This was the first parachute test to simulate a launch abort scenario.	Transcript Link
2014 04 23	NASA Johnson	https://youtu.be/WcI1e4KiDv0	Shuttle Carrier Aircraft	It has been called the world's greatest piggyback ride: a space shuttle, atop a Boeing 747 jet aircraft. But this is no ordinary 747, this is the Shuttle Carrier Aircraft...the SCA. This specially modified jumbo jet was not only a taxi service for the shuttle, but also helped in the development of the shuttle itself. In 30 years of flying, the majestic image of a spacecraft joined to the SCA, became a symbol of American invention and ingenuity.	Transcript Link

2014 04 22	NASA Johnson	https://youtu.be/ioxNYPrn228	The Neutral Buoyancy Lab - We're Open for Business!	Video presentation describing some of the NBL's features, programs, and facilities available for commercial use at NASA's Sonny Carter Training Facility near Johnson Space Center in Houston.	Transcript Link
2014 04 22	NASA Johnson	https://youtu.be/0rgshsCRHN0	Space Station Live Earth Observation From Space	Space Station Live commentator Kyle Herring interviews Dr. William Stefanov from the Earth Science & Remote Sensing Unit at Johnson Space Center about Earth Observations from space and methods of doing so such as via handheld photography and I-SERV, the ISS Environmental Research and Visualization System. This interview aired during Space Station Live on Earth Day, April 22, 2014.	Transcript Link
2014 04 18	NASA Johnson	https://youtu.be/fIQMdNhpPgQ	Space to Ground - 4 18 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 04 16	NASA Johnson	https://youtu.be/PHlcmLQM9Ug	Space Station Live Spacewalk to Replace a Failed Computer	Public Affairs Officer Amiko Kauderer and NASA Astronaut Chris Cassidy discussed upcoming EVA 26 to be conducted by Expedition 39 Flight Engineers Steve Swanson and Rick Mastracchio. They will replace a failed backup computer relay box also known as a multiplexer-demultiplexer (MDM).	Transcript Link

2014 04 16	NASA Johnson	https://youtu.be/rO4apgo_1e4	Space Station Live Satellites Connected to Smartphones	Lori Meggs interviews SGT Inc., project manager Chris Provencher, from the Intelligent Robotics Group at Ames Research Center about Smart SPHERES. By connecting a smartphone to SPHERES (Synchronized Position Hold, Engage, Reorient, Experimental Satellites), the volleyball-sized free-flying satellites become Smart SPHERES. They now are more intelligent because they have built-in cameras to take pictures and video, sensors to help conduct inspections, powerful computing units to make calculations and Wi-Fi connections to transfer data in real time to the computers aboard the space station and at mission control. This is the weekly POIC segment from MSFC and aired during Space Station Live on April 16, 2014.	Transcript Link
2014 04 16	NASA Johnson	https://youtu.be/LPA4HNFURnU	Astronaut Mike Hopkins Workout in Space 5	Astronaut Mike Hopkins, a lifelong athlete, worked closely with his strength and conditioning coach Mark Guilliams to develop these specially-designed workouts in orbit. Shown here, Hopkins is using the Advanced Resistive Exercise Device to perform this challenging workout -- five sets of seven push-ups, seven pull-ups and 21 Sumo-deadlift high-pulls.	Transcript Link
2014 04 14	NASA Johnson	https://youtu.be/xTlaGbsHq9A	Flying Robots in Space with Megan Levins	This is the Digital Learning Network (DLN) Event with Corpus Christi Catholic School, Chambersburg, PA. This aired on April 10, 2014.	Transcript Link
2014 04 14	NASA Johnson	https://youtu.be/wAoggm7sxoM	Space Station Live Improving Capturing Earth Imagery	SSL interview with Burgess Howell, the payload developer and principal investigator of the ISERV experiment on the International Space Station. The ISS SERVIR Environmental Research and Visualization System, which captures images of Earth through a window in the station's Destiny laboratory, is testing methods of improving automatic image capturing and data transfer, but the images it captures are also useful to environmental scientists, disaster response teams, and other users on Earth. NASA's SERVIR project operates in partnership with the U.S. Agency for International Development. Read more about ISERV... http://go.nasa.gov/1kYSZbE	Transcript Link

2014 04 14	NASA Johnson	https://youtu.be/BMFB2oudXZc	Space Station Live Walking in Space to Fix a Computer	Space Station Live commentator Amiko Kauderer interviews International Space Station Operations and Integration Manager Kenny Todd about the failed Multiplexer Demultiplexer (MDM) on ISS and the spacewalk to fix it. Todd also gave a status for the upcoming SpaceX Dragon-3 launch. This interview aired during Space Station Live on April 14, 2014.	Transcript Link
2014 04 14	NASA Johnson	https://youtu.be/irQHIhwDqGQ	Space Station Live How Do Roots Grow in Space	Space Station Live commentator Amiko Kauderer interviews the principal investigator of the CARA experiment, Dr. Anna-Lisa Paul, from the University of Florida. The CARA (Characterizing Arabidopsis Root Attractions) Experiment focuses on the growth and development of Arabidopsis thaliana seedlings in the space flight environment, with a specific focus on how a root knows which direction to grow in when gravity is absent.	Transcript Link
2014 04 11	NASA Johnson	https://youtu.be/Nm2_BwnCL7I	Space to Ground - 4 11 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link
2014 04 10	NASA Johnson	https://youtu.be/KcAvwEKwScM	Space Station Live Scott Kelly Discusses Year-Long Mission	Space Station Live commentator Pat Ryan interviews NASA astronaut Scott Kelly about his upcoming year-long mission to the International Space Station. The mission is set to launch in late March 2015. This aired during Space Station Live on April 10, 2014.	Transcript Link

2014 04 09	NASA Johnson	https://youtu.be/L04fa4JvdAQ	Astronaut Mike Hopkins Workout in Space 4	Astronaut Mike Hopkins, a lifelong athlete, worked closely with his strength and conditioning coach Mark Guilliams to develop these specially-designed workouts in orbit. Shown here, Hopkins is using the the station's treadmill and the Advanced Resistive Exercise Device to perform this challenging workout -- four rounds of 200m run, 11 thrusters, 200m run, 11 shoulder presses, 200m run and 11 bench presses.	Transcript Link
2014 04 09	NASA Johnson	https://youtu.be/iEabhqI0i-0	Space Station Live Binary Colloidal Alloy Test	Payload Operations Engineer Martin Richard, from the Canadian Space Agency, describes the Binary Colloidal Alloy Test that is aboard the International Space Station. BCAT-C1 will study nano-scale particles dispersed in a liquid, known as a colloidal suspension, commonly found in such commercial commodities as paint, electronic polishing compounds and food products. These suspensions have the unique property that they will phase separate (like oil and water) and the particles will self-assemble into crystals that interact strongly with light (like opal). Photographing these samples in microgravity will allow the measurement of these processes while avoiding the effects of particles sinking due to gravity. This study will allow the development of new insights into this important material process.	Transcript Link
2014 04 04	NASA Johnson	https://youtu.be/r7wxiT3lDOU	Space Station Live Story Time From Space	Marshall Space Flight Center's Lori Meggs interviews astrophysicist and children's book author Jeffrey Bennett ("Max Goes to the Moon') and astronaut Alvin Drew about the "Story Time from Space" project, where astronauts on the International Space Station read stories to the children of Earth as the world rotates below.	Transcript Link
2014 04 04	NASA Johnson	https://youtu.be/-s09OuW8JPo	Space to Ground - 4 4 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 04 03	NASA Johnson	https://youtu.be/BMmIouNDv6M	Space Station Live Crowdsourced Microbes Heading to Station	NASA Public Affairs Officer Dan Huot talks with Dr. David Coil about Project MERCCURI, which will study a "crowdsourced" collection of microbial samples scheduled to launch to the International Space Station aboard the SpaceX-3 mission.	Transcript Link
2014 04 03	NASA Johnson	https://youtu.be/ygvMe7roCaw	Animation of Station's Cyclops Satellite Deployer	This animation shows how the Cyclops Deployment System launches satellites in the 50 to 100 kg class from the International Space Station. Cyclops is set to launch in mid to late 2014 on a SpaceX-4 resupply mission.	Transcript Link
2014 04 02	NASA Johnson	https://youtu.be/xHm075F1yZQ	Space Station Live Hybrid Training	Space Station Live commentator Dan Huot interviews JAXA's manager for ISS Life Science Mission Integration, Dr. Masaki Shirakawa, regarding the Hybrid Training experiment on the International Space Station. This aired during Space Station Live on April 2, 2014.	Transcript Link
2014 04 01	NASA Johnson	https://youtu.be/Pr8Aj5rgU_8	Space Station Live Multi-Gas Monitor Device	Space Station Live commentator Dan Huot interviews Dr. Paul Mudgett, the principal investigator of the Multi-Gas Monitor device that is aboard the International Space Station. This aired during Space Station Live on April 1, 2014.	Transcript Link

2014 03 31	NASA Johnson	https://youtu.be/20uz55rpYAo	Expedition 39 Flight Engineer Steve Swanson	Meet NASA astronaut Steve Swanson, Expedition 39 flight engineer and Expedition 40 commander for the crew of the International Space Station.	Transcript Link
2014 03 31	NASA Johnson	https://youtu.be/fsaIJX_DBWs	Expedition 39 Flight Engineer Alexander Skvortsov	Meet Roscosmos cosmonaut Alexander Skvortsov, flight engineer for the Expedition 39 crew of the International Space Station.	Transcript Link
2014 03 31	NASA Johnson	https://youtu.be/se6_0AeVPGA	Expedition 39 Flight Engineer Oleg Artemyev	Meet Roscosmos cosmonaut Oleg Artemyev, flight engineer for the Expedition 39 crew of the International Space Station.	Transcript Link
2014 03 28	NASA Johnson	https://youtu.be/-D4osuNnrMc	Space Station Live Expedition 39 Hatch Opening and Crew Greeting	Three Expedition 39 Flight Engineers enter the International Space Station for a welcoming ceremony after a two-day mission to the orbital laboratory.	Transcript Link

2014 03 28	NASA Johnson	https://youtu.be/4PsY00wNjnQ	Space Station Live Micro-7 Experiment to Launch on SpaceX-3	Space Station Live commentator Brandi Dean interviews Dr. Honglu Wu, the principal investigator of the Micro-7 experiment that is set to launch aboard SpaceX-3. This aired during Space Station Live on March 28, 2014.	Transcript Link
2014 03 28	NASA Johnson	https://youtu.be/u0yumDyPS7U	Space to Ground - 3 28 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Minus Eighty-Degree Laboratory Freezer for ISS... http://www.nasa.gov/mission_pages/station/research/experiments/58.html	Transcript Link
2014 03 28	NASA Johnson	https://youtu.be/7bq_03LEXiA	Expedition 39 Docks to Station After Two Day Trip	Expedition 39/40 Soyuz Commander Alexander Skvortsov of the Russian Federal Space Agency (Roscosmos), Flight Engineer Steve Swanson of NASA and Flight Engineer Oleg Artemyev of Roscosmos arrived at the International Space Station at 7:53 EDT on March 27. They docked their Soyuz TMA-12M spacecraft to the Poisk module on the Russian segment of the complex. Read about the docking... http://go.nasa.gov/P8nKk1	Transcript Link
2014 03 27	NASA Johnson	https://youtu.be/Yn-ZiAxeUBg	Space Station Live Protein Crystal Growth for Treatment of Immunological Disorders	NASA Public Affairs Officer Brandi Dean talks with Paul Reichert of Merck Research Laboratories in N.J. about the Merck PCG study, which looks at the crystallization of monoconal antibodies for use in clinical trials treating immunological disorders. The hardware for Merck PCG is set to fly to the International Space Station during the SpaceX-3 cargo mission.	Transcript Link

2014 03 27	NASA Johnson	https://youtu.be/I-QhM18OQZE	Space Station Live Optical Communication From Space	Jessica Eagan with the station's Payload Operations Integration Center at NASA's Marshall Space Flight Center in Huntsville, Ala., caught up with Matt Abrahamson, the mission manager for the Optical Payload for Lasercomm Science or OPALS. Scheduled to head to the station on the SpaceX-3 cargo mission, OPALS is studying ways to use lasers for communications.	Transcript Link
2014 03 26	NASA Johnson	https://youtu.be/IJJk_lYuIGg	Soyuz Docking With Station Delayed to Thursday	Space Station Mission Operations Integration Manager Kenny Todd talks with Public Affairs Officer Brandi Dean about the postponement of the Soyuz's docking with the International Space Station. NASA astronaut Steve Swanson and Russian cosmonauts Alexander Skvortsov and Oleg Artemyev launched aboard the Soyuz TMA-12M on Tuesday at 5:17 p.m. EDT from the Baikonur Cosmodrome in Kazakhstan. The three were expected to dock Tuesday night but reverted to a backup 34-orbit rendezvous, which will result in an arrival and docking on Thursday.	Transcript Link
2014 03 26	NASA Johnson	https://youtu.be/YWzRCbLvIrc	Expedition 39 40 Mission Overview	More than 15 years after its first element was launched, the International Space Station is now a round-the-clock laboratory that supports a crew of six working on cutting-edge science.	Transcript Link
2014 03 26	NASA Johnson	https://youtu.be/0DUnN2o9G0	Meet the Station's Expedition 39 Crew	A profile of the members of the Expedition 39 crew, Commander Koichi Wakata and flight engineers Mikhail Tyurin, Rick Mastracchio, Alexander Skvortsov, Oleg Artemiev and Steve Swanson, covering their educational and professional backgrounds and their reasons for pursuing a career in human space exploration.	Transcript Link

2014 03 25	NASA Johnson	https://youtu.be/E_fZI-Vltrc	Expedition 39 40 Launches to the International Space Station	Expedition 39/40 Soyuz Commander Alexander Skvortsov of the Russian Federal Space Agency (Roscosmos), Flight Engineer Steve Swanson of NASA and Flight Engineer Oleg Artemyev of Roscosmos launched on the Russian Soyuz TMA-12M spacecraft on March 26, Kazakh time from the Baikonur Cosmodrome in Kazakhstan to begin a six-hour journey to the International Space Station. Once aboard the orbital outpost, the trio will start a six-month mission.	Transcript Link
2014 03 25	NASA Johnson	https://youtu.be/N1zF4BM50Dk	Space Station Live Astronaut Steve Swanson Interview	NASA astronaut Steve Swanson talks with NASA Public Affairs Officer Brandi Dean about his upcoming mission to the International Space Station. Swanson and Russian cosmonauts Alexander Skvortsov and Oleg Artemyev are scheduled to launch aboard the Soyuz TMA-12M spacecraft from Baikonur at 5:17 p.m. EDT Tuesday (3:17 a.m. Wednesday, Kazakh time) to begin a 6-hour trek to the station.	Transcript Link
2014 03 24	NASA Johnson	https://youtu.be/YWnmWGDVsxs	Expedition 39 Crew Profile	A profile of the newest members of the Expedition 39 crew, NASA astronaut Steve Swanson and cosmonauts Alexander Skvortsov and Oleg Artemiev, covering their educational and professional backgrounds and their reasons for pursuing a career in human space exploration.	Transcript Link
2014 03 24	NASA Johnson	https://youtu.be/Ul3eJ7NT6E8	Space Station Live Astronaut Twins Unique Opportunity for Research	Public Affairs Officer Brandi Dean talks with Dr. Craig Kundrot, deputy chief scientist for NASA's Human Research Program, about the scientific studies that were made possible by NASA's decision to fly veteran astronaut Scott Kelly aboard the International Space Station for one year, beginning March 2015, while his identical twin brother, retired astronaut Mark Kelly, remains on Earth. NASA's Human Research Program will fund 10 short-term, first-of-its-kind investigations into the molecular, physiological and psychological effects of spaceflight in a continuous effort to reduce the health impacts of human space exploration.	Transcript Link

2014 03 21	NASA Johnson	https://youtu.be/X_mLDfhDxS8	Expedition 39 40 Crew Preps for Launch to Station	Expedition 39/40 Soyuz Commander Alexander Skvortsov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Steve Swanson and Flight Engineer Oleg Artemyev of Roscosmos participated in a final "fit check" dress rehearsal in their Soyuz TMA-12M spacecraft and conducted other pre-launch activities at the Baikonur Cosmodrome in Kazakhstan March 21 as they prepared for their launch to the International Space Station on March 26, Kazakh time for a six-month mission on the orbital outpost.	Transcript Link
2014 03 21	NASA Johnson	https://youtu.be/womKV58QTHY	Recycling Water on Space Station	Japan Aerospace Exploration Agency astronaut Koichi Wakata discusses the the International Space Station's Water Recovery System, which recycles urine and waste water into clean water. Or as Wakata puts it, "Here on board the ISS, we turn yesterday's coffee into tomorrow's coffee."	Transcript Link
2014 03 21	NASA Johnson	https://youtu.be/_6-OhcXD-DQ	Space to Ground - 3 21 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Reversible Figures: http://www.nasa.gov/mission_pages/station/research/experiments/971.html	Transcript Link
2014 03 19	NASA Johnson	https://youtu.be/ffJiiceuwok	Expedition 39 40 Activities from the Baikonur Cosmodrome	At the Baikonur Cosmodrome in Kazakhstan, Expedition 39/40 Soyuz Commander Alexander Skvortsov of the Russian Federal Space Agency (Roscosmos), Flight Engineer Steve Swanson of NASA and Flight Engineer Oleg Artemyev of Roscosmos participated in a variety of activities from March 13-19 as they prepared for launch to the International Space Station on March 26, Kazakh time, in the Soyuz TMA-12M spacecraft. The video includes the crew's arrival in Baikonur and a dress rehearsal fit check in their Soyuz spacecraft.	Transcript Link

2014 03 19	NASA Johnson	https://youtu.be/fGWM7jAPtJI	Space Station Live Servicing Satellites in Space	Goddard Space Flight Center's Jill McGuire, the project manager for the Robotic Refueling Mission and Charles Bacon, Satellite Servicing Capabilities Office Systems Engineer explains the Robotic Refueling Mission. This is the weekly Payload Operations Integration Center segment from Marshall Space Flight Center and aired during Space Station Live on March 19, 2014.	Transcript Link
2014 03 18	NASA Johnson	https://youtu.be/GqurHxFwUcM	Space Station Live Space Garden Launching to Station	Dr. Gioia Massa, Veggie Hardware Validation Test Science Team Lead, discusses the Veggie payload set to launch to the International Space Station aboard SpaceX-3 commercial resupply services mission. The hardware for Veggie will support the largest garden ever aboard the station.	Transcript Link
2014 03 18	NASA Johnson	https://youtu.be/8jzKD-nWFfQ	Astronaut Karen Nyberg Talks With Minnesota Students	From NASA's International Space Station Mission Control Center, NASA astronaut Karen Nyberg participated in a Digital Learning Network (DLN) event with students from Edna I. Murphy Elementary School in Grand Rapids, Minn. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2014 03 18	NASA Johnson	https://youtu.be/ZxojSJEntBY	Introducing the Expedition 40 41 Flight Crew	NASA astronaut Reid Wiseman, Russian cosmonaut Maxim Suraev and European Space Agency astronaut Alexander Gerst will launch aboard a Soyuz spacecraft in May 2014 to begin a 6-month mission aboard the International Space Station.	Transcript Link

2014 03 18	NASA Johnson	https://youtu.be/Zb46Pv-9feU	Family Tradition Continues With Flowers at Mission Control	The upcoming launch of the Expedition 39/40 crew is celebrated with the continuation of a tradition that has buoyed the spirits of Houston's Mission Control Center flight teams since the STS-26 shuttle mission in 1988. A bouquet of roses from the Shelton and Murphy families near Dallas, Texas, arrived like clockwork in the flight control center as an ongoing show of support for the upcoming mission. The bouquets always include a rose of a similar color for each astronaut, plus a single white rose in memory of those astronauts whose lives have been lost in NASA's exploration of space.	Transcript Link
2014 03 14	NASA Johnson	https://youtu.be/IJtQNzykPWQ	Space to Ground - 3 14 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Reversible Figures: http://www.nasa.gov/mission_pages/station/research/experiments/971.html	Transcript Link
2014 03 13	NASA Johnson	https://youtu.be/foPpqALlHt4	I'm On Board Orion Coloring Sheet How-To	NASA's newest spacecraft, Orion will launch this fall on its first trip to space, and on future exploration missions, it will take humans farther than they've ever been before! Channel your inner astronaut and artist and unleash your creativity on this Orion coloring sheet, then show the world by sharing a photo with the artwork on social media with the hashtag #ImOnBoard. Find the coloring sheet at... http://go.nasa.gov/1fAYxZS Share it at... http://www.facebook.com/NASAOrion http://www.twitter.com/NASA_Orion http://www.instagram.com/ExploreNASA. Learn more about Orion at http://www.nasa.gov/orion	Transcript Link
2014 03 13	NASA Johnson	https://youtu.be/KBNx5RzQAv4	Space Station Live Protein Crystallization Experiment Launching on SpaceX	Space Station Live commentator Amiko Kauderer interviews CASIS PCG HDPCG-2 Principal Investigator Dr. Stephen Aller regarding the Advancing Membrane Protein Crystallization by Using Microgravity experiment set to launch aboard SpaceX-3.	Transcript Link

2014 03 13	NASA Johnson	https://youtu.be/P33j8iK6u0I	Space Station Live Protein Crystal Growth in Microgravity	NASA Public Affairs Officer Amiko Kauderer speaks with Dr. Larry DeLucas of the Center for Structural Biology at the University of Alabama at Birmingham about the CPCG-HM experiment, flying to the International Space Station on the SpaceX Dragon cargo vehicle targeted to launch March 16, 2014. DeLucas' research seeks to demonstrate the growth in microgravity of high-quality protein crystals of membrane proteins to help researchers determine how those proteins function in the disease processes and thus aid in the development of treatment drugs.	Transcript Link
2014 03 12	NASA Johnson	https://youtu.be/5FCk6zBcpsE	Space Station Live Studying Proccesses Behind Planet Formation	Planetary scientist Joshua Colwell discusses an International Space Station physics experiment that could help researchers learn more about how planets form.	Transcript Link
2014 03 11	NASA Johnson	https://youtu.be/9XJ1vZKtXjk	Preparing America for Deep Space Exploration Episode 5	The Orion, Space Launch System and Ground Systems Development and Operations program are making steady progress toward sending humans farther than they've ever been before.	Transcript Link
2014 03 11	NASA Johnson	https://youtu.be/sKYGkhwThaw	Space Station Live Upcoming Science on Station	NASA Public Affairs Officer Amiko Kauderer talks with Yuri Guinart-Ramirez, the lead increment scientist for Expedition 39/40, about some of the research scheduled to take place aboard the International Space Station.	Transcript Link

2014 03 11	NASA Johnson	https://youtu.be/pcj37jkpipU	Preparing America for Deep Space Exploration Episode 5 Music Video	A quick look at what's been going on in the Orion, Space Launch System and Ground Systems Development and Operations programs.	Transcript Link
2014 03 11	NASA Johnson	https://youtu.be/cEpPhTz__4A	Expedition 38 Undocks from Station's Poisk Module	After spending 166 days aboard the International Space Station, Michael Hopkins, Oleg Kotov and Sergey Ryazanskiy undocked from the station's Poisk module at 8:02 p.m. EDT to begin their voyage home. Kotov, the Soyuz commander, is at the controls of the Soyuz TMA-10M spacecraft. They will perform a separation burn to increase the distance from the station before executing a 4-minute, 50-second deorbit burn at 10:30 p.m. The crew is scheduled to land at 11:24 p.m. southeast of Dzhezkazgan, Kazakhstan.	Transcript Link
2014 03 10	NASA Johnson	https://youtu.be/XKICuB5OdnA	Expedition 38 Hatch Closure	The hatches closed Monday at 4:58 p.m. EDT between the International Space Station and the docked Soyuz TMA-10M. Expedition 38 crew members Michael Hopkins, Soyuz Commander Oleg Kotov and Sergey Ryazanskiy are preparing to undock from the Poisk module at 8:02 p.m.	Transcript Link
2014 03 07	NASA Johnson	https://youtu.be/KLj0lrfan1g	Space Station Live HD Earth-View Cameras Heading to Station	Space Station Live commentator Pat Ryan interviews Lori Motes, the lead engineer of the High-Definition Earth Viewing experiment that will fly to station on March 16 aboard the Space-X Dragon spacecraft.	Transcript Link

2014 03 07	NASA Johnson	https://youtu.be/gO6DfhxMfaI	Space to Ground - 3 7 2014	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Astronauts congratulate cast and crew of "Gravity" http://www.youtube.com/watch?v=_3ZhJP8q-Ts SPHERES-Slosh http://www.nasa.gov/mission_pages/station/research/experiments/980.html Microbiome http://www.nasa.gov/mission_pages/station/research/experiments/1010.html	Transcript Link
2014 03 05	NASA Johnson	https://youtu.be/eFt69uzMUuw	Space Station Live Cold Atom Laboratory Mission	Public Affairs Officer Lori Meggs at the Marshall Space Flight Center in Huntsville, Alabama spoke with NASA Jet Propulsion Laboratory scientists Anita Sengupta and Michael Hohensee about the Cold Atom Laboratory and how it could change what we know about fundamental physics.	Transcript Link
2014 03 05	NASA Johnson	https://youtu.be/2iV7fEIH5h8	Expedition 39 40 Crew Undergoes Final Training Outside Moscow	Expedition 39/40 Soyuz Commander Alexander Skvortsov of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Steve Swanson and Flight Engineer Oleg Artemyev of Roscosmos conducted final qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia March 4 and 5. The three are scheduled for a March 26 launch, Kazakh time, in the Soyuz TMA-12M spacecraft to begin a six-month mission on the International Space Station.	Transcript Link
2014 03 04	NASA Johnson	https://youtu.be/9p0czSsawVw	International Space Station Protein Crystal Growth	This animation explains how protein crystal growth investigations performed in the microgravity environment of the International Space Station enable more perfectly grown crystals, which help researchers to better understand the nature of the proteins through their detailed structures.	Transcript Link

2014 03 04	NASA Johnson	https://youtu.be/qBtsKBpEyZE	Space Station Live Delivering Drugs in Tiny Balloons	Space Station Live commentator Pat Ryan interviews Dr. Dennis Morrison from NuVue Therapeutics, Inc. Morrison is the principal investigator of MEPS (Microencapsulation Electrostatic Processing System). This experiment sought to deliver drugs stored in tiny balloons, called microcapsules, directly in to tumors or resistant infections. Research on the ground produced positive results and the technology was awarded patents. Research using MEPS was conducted aboard the International Space Station during Expedition 5. The microgravity environment provided easier control of the production process of the drugs stored in the microcapsule. Read more about MEPS: http://www.nasa.gov/mission_pages/station/research/experiments/277.html Read more about Expedition 5: http://www.nasa.gov/mission_pages/station/expeditions/expedition05/index.html	Transcript Link
2014 03 03	NASA Johnson	https://youtu.be/psZ6UAFUOT4	Space Station Live Smart SPHERES	NASA Public Affairs Officer Brandi Dean talks with Chris Provencher, project manager for Smart SPHERES at NASA Ames Research Center. By connecting smartphones to a trio of free-flying robots known as Synchronized Position Hold, Engage, Reorient, Experimental Satellites, or SPHERES, these International Space Station robots become Smart SPHERES.	Transcript Link

2014 03 03	NASA Johnson	https://youtu.be/KSc_yHCu68o	Space Station Live Treating Huntington's Disease in Space	Space Station Live commentator Pat Ryan speaks to Huntington Disease Researcher and Caltech PH.D. Candidate, Gwen Owens. The microgravity environment gives researchers the ability to produce larger, more perfect versions of the Huntington's crystal protein than in Earth. Researchers then use X-ray Crystallography to view detailed 3-D structures of the protein and locate individual molecules and atoms in their quest to design drugs to treat the disease. Gear specially designed for this research aboard the International Space Station is due for launch March 16 aboard a Falcon rocket for the SpaceX 3 mission. The proteins grown during the experiment will then be returned aboard the SpaceX Dragon capsule for study on Earth. Read more about Huntington's Disease research aboard the space station... http://www.nasa.gov/mission_pages/station/research/experiments/1308.html Read more about SpaceX 3... http://www.nasa.gov/mission_pages/station/structure/launch/index.html	Transcript Link

2014 02 28	NASA Johnson	https://youtu.be/cAaC-fUqS64	Space to Ground - 02 28 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Aniso Experiment: http://www.nasa.gov/mission_pages/station/research/experiments/1013.html SpaceX 3: http://www.nasa.gov/spacex OPALS: http://www.nasa.gov/mission_pages/station/research/experiments/861.html http://www.youtube.com/watch?v=efgtXVjKzuw http://www.nasa.gov/mission_pages/station/research/news/opals.html	Transcript Link
2014 02 27	NASA Johnson	https://youtu.be/kIprqsu8C2E	Space Station Live Measuring Body Changes During Spaceflight	NASA Public Affairs Officer Brandi Dean talks with Dr. Sudhakar Rajulu, principal investigator for the Body Measures experiment taking place aboard the International Space Station. This study collects anthropometric data to help researchers understand the magnitude and variability of the changes to body measurements during spaceflight. Predicting these changes will maximize crew performance, prevent injury and reduce time spent altering or adjusting spacesuits and workstations. The investigation also could help scientists understand the effects of prolonged bed rest, which produces physiological changes similar to those experienced in microgravity.	Transcript Link
2014 02 27	NASA Johnson	https://youtu.be/DFtLlud0-Mk	Engineers Continue Pushing Orion Parachute System to Its Limits	The parachute system designed for NASA's Orion spacecraft passed another hurdle on Feb. 26, in a test that put extra stress on its drogue parachutes and simulated a failure of one of its three main parachutes. Engineers dropped a dart-shaped test vehicle that simulates Orion's parachute compartment from a C-17 flying 35,000 feet above the U.S. Army's Yuma Proving Ground in Arizona. Although one test has been conducted from that height before, this was the first using the dart-shaped vehicle at that altitude. Using it along with test configuration parachutes to get it into place for the test put more stress than ever before on the two drogue parachutes that precede the main parachutes and begin the job of slowing Orion down before it lands. Learn more: http://www.nasa.gov/content/engineers-continue-pushing-orion-parachute-system-to-its-limits	Transcript Link

2014 02 26	NASA Johnson	https://youtu.be/iht75kq0RrU	Space Station Live Environmental Control and Life Support System	Robyn Carrasquillo, the Space Station Technology Demonstrations manager from NASA Headquarters, discusses the Environment Control and Life Support System (ECLSS) aboard the International Space Station. The station's regenerative life support hardware provides the crew with a comfortable environment and minimizes the resupply burden.	Transcript Link
2014 02 25	NASA Johnson	https://youtu.be/IW0Ay0rmvWk	Benefits for Humanity Farming from Space	In this chapter of Benefits for Humanity: In Their Own Words, learn how farmers across the country are using cameras aboard the International Space Station to come up with new and more efficient ways of maintaining their crops. This version, with a narrated introduction, replaces the video previously released in Nov. 2013. For more information on how science and research is benefiting life here on Earth, visit: http://www.nasa.gov/stationbenefits HD download link: https://archive.org/download/ISSBenefitsforHumanity/Benefits-for-Humanity_Farming-from-Space.mov	Transcript Link
2014 02 25	NASA Johnson	https://youtu.be/DayWXWbVW4g	Benefits for Humanity Water for the World	In this chapter of Benefits for Humanity: In Their Own Words, learn how systems on board the International Space Station that provide clean drinking water to the crews are being used right here on Earth in some of the most remote and impoverished areas. This version, with a narrated introduction, replaces the video previously released in Nov. 2013. For more information on how science and research is benefiting life here on Earth, visit: http://www.nasa.gov/stationbenefits	Transcript Link
2014 02 25	NASA Johnson	https://youtu.be/GhHe3oiLCo4	Benefits for Humanity The Sound of Life	In this chapter of Benefits for Humanity: In Their Own Words, learn how lives are being saved around the world using ultrasound and remote medicine methods that are in use aboard the International Space Station. This version, with a narrated introduction, replaces the video previously released in Nov. 2013. For more information on how science and research is benefiting life here on Earth, visit: http://www.nasa.gov/stationbenefits	Transcript Link

2014 02 25	NASA Johnson	https://youtu.be/LIWSyyT3w98	Benefits for Humanity Changing Lives	In this chapter of Benefits for Humanity: In Their Own Words, learn how a life was drastically changed using the same technology that went into the robotics on board the International Space Station. This version, with a narrated introduction, replaces the video previously released in Nov. 2013. For more information on how science and research is benefiting life here on Earth, visit: http://www.nasa.gov/stationbenefits HD download link: https://archive.org/details/ISSBenefitsforHumanity	Transcript Link
2014 02 25	NASA Johnson	https://youtu.be/yzN9jSDKR8c	Benefits for Humanity Station Inspiration	In this chapter of Benefits for Humanity: In Their Own Words, learn how a student in Illinois was inspired to pursue his college education and later career by participating in ARISS (Amateur Radio on the International Space Station) and talking with a crew on the International Space Station. This version, with a narrated introduction, replaces the video previously released in Nov. 2013. For more information on how science and research is benefiting life here on Earth, visit: http://www.nasa.gov/stationbenefits	Transcript Link
2014 02 24	NASA Johnson	https://youtu.be/OHpx2tqA5Qc	Space Station Live Student Science Reaches Higher Orbits	NASA Public Affairs Officer Brandi Dean speaks with Michelle Ham, U.S director of ISSET and president and founder of Higher Orbits, about opportunities for students to get involved with science aboard the International Space Station. Mission Discovery, sponsored by ISSET and Higher Orbits, is a five-day program for high school and university students that uses space to get students interested in STEM fields -- science, technology, engineering and math. Students work in teams to design an experiment, and the winning team's experiment flies to the space station. The first set of winning experiments recently flew to the station aboard Orbital Sciences' Cygnus cargo ship during its first operational resupply flight. To learn more about Mission Discovery, visit http://www.mission-discovery.info	Transcript Link
2014 02 21	NASA Johnson	https://youtu.be/D9DGEiCrsUo	NASA Technologies Opportunities in RFID	NASA's Johnson Space Center has a suite of Radio-Frequency Identification (RFID) technologies available to companies and institutions for licensing. These devices are commonly used for autonomous inventory management with special interest in diverse product application and extended ranges. This technology opportunity video highlights NASA developed RFID technologies originally purposed for the International Space Station that have Earth applications in healthcare, retail, logistics, and many more industries. We invite you to explore these technologies and other NASA developed technologies available for licensing by visiting our website http://technology.jsc.nasa.gov.	Transcript Link

2014 02 21	NASA Johnson	https://youtu.be/tEDLkWSCyrs	Space Station Live NanoRacks Makes Space for CubeSats	NASA Public Affairs Officer Lori Meggs talks with Rob Alexander, operations manger for NanoRacks. Small, relatively inexpensive satellites referred to as CubeSats will provide a variety of technology demonstrations on the International Space Station using NanoRacks.	Transcript Link
2014 02 21	NASA Johnson	https://youtu.be/1zwYq-Gecds	Space to Ground - 02 21 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Learn more about Orbital Sciences' Cygnus: http://www.nasa.gov/orbital Learn more about Spinal Ultrasound: http://www.nasa.gov/mission_pages/station/research/experiments/944.html Follow the ISS crew on Twitter: http://www.twitter.com/NASA_Astronauts Mike Hopkins: http://www.twitter.com/AstroIllini Rick Mastracchio: http://www.twitter.com/AstroRM Koichi Wakata: http://www.twitter.com/Astro_Wakata	Transcript Link
2014 02 19	NASA Johnson	https://youtu.be/IFZjEQToE9Q	Space Station Live Orion Recovery Testing	NASA Public Affairs Officer Dan Huot talks with Mike Sarafin, lead flight director for Orion Exploration Flight Test-1, about the Orion EFT-1 mission's recovery testing this week in southern California.	Transcript Link
2014 02 19	NASA Johnson	https://youtu.be/k1-eL1ucWPI	Astronaut Mike Hopkins Workout in Space 3	Astronaut Mike Hopkins, a lifelong athlete, worked closely with his strength and conditioning coach Mark Guilliams to develop these specially-designed workouts in orbit. Shown here, Hopkins is using the Advanced Resistive Exercise Device to perform this challenging workout -- five pull-ups, 10 push-ups and 15 air squats every minute for 30 minutes.	Transcript Link

2014 02 19	NASA Johnson	https://youtu.be/X1jxUjxWdEQ	Astronaut Mike Hopkins Workout in Space 2	Astronaut Mike Hopkins, a lifelong athlete, worked closely with his strength and conditioning coach Mark Guilliams to develop these specially-designed workouts in orbit. Shown here, Hopkins is using the COLBERT treadmill and the Advanced Resistive Exercise Device to perform this challenging workout. (400 meter run and 20 minutes of pull-ups.)	Transcript Link
2014 02 18	NASA Johnson	https://youtu.be/7-IokHlmul8	Space Station Live Astronauts Test Spacesuits for Orion	NASA Public Affairs Officer Dan Huot talks with NASA astronaut Rex Walheim about the development and testing of spacesuits for Orion. Based on the familiar orange Advanced Crew Escape Suit (ACES) worn by space shuttle crews during launch and entry, MACES (Modified ACES) can add the capability to perform a spacewalk with the same suit without the need to fly a second, dedicated spacesuit for that purpose.	Transcript Link
2014 02 14	NASA Johnson	https://youtu.be/p7LUrsb7yUY	Space Station Live Destination Station Los Angeles	NASA Public Affairs Officer Josh Byerly talks to Tammie Letroise-Brown, Campaign Strategist for Destination Station, to discuss the events taking place in Los Angeles, Calif. from Feb. 15-22. Astronauts Tracy Caldwell Dyson, Mark Vande Hei and Peggy Whitson will interact with the public throughout the Los Angeles area. NASA International Space Station scientists will also talk about the research taking place on the orbital laboratory. Visit the Destination Station website... http://www.nasa.gov/destinationstation Keep up and interact with our Destination Station: Los Angeles events on social media... http://www.facebook.com/ISS http://www.twitter.com/NASA_Johnson http://www.instagram/nasa_destinationstation	Transcript Link
2014 02 14	NASA Johnson	https://youtu.be/7L2Nq49ORYY	Space to Ground - 02 14 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us.	Transcript Link

2014 02 13	NASA Johnson	https://youtu.be/0d_Wi6Mz3rA	Flight Director Talks to Texas Students	From NASA's International Space Station Mission Control Center, NASA Flight Director Ginger Kerrick participates in a Digital Learning Network (DLN) event with students from El Paso High School in El Paso, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2014 02 13	NASA Johnson	https://youtu.be/r4rNUBpUPho	Space Station Live Starting Fire in Water	Space Station Live commentator Josh Byerly talks to Michael Hicks of the NASA Glenn Research Center, the principal investigator of the Supercritical Water Mixture experiment on the International Space Station. Hicks discusses his research on orbit into how to control the precipitation of salt from supercritical water—water at extreme pressure and high temperature—in order to prevent corrosion of metallic components of vessels used when supercritical water is mixed with oxygen to eliminate organic wastes. Using supercritical water to start the process of oxidation is a way to purify waste streams on ships and on land, and could be useful in future space vehicles.	Transcript Link
2014 02 07	NASA Johnson	https://youtu.be/Ehvimfl-UfI	Russian Female Cosmonaut Prepares for Launch to Station	Russian cosmonaut Elena Serova discussed her thoughts on her upcoming launch on the Soyuz TMA-14M spacecraft in September to the International Space Station as part of the Expedition 41/42 crew. Serova will become only the fourth Russian woman to fly in space, joining former cosmonauts Valentina Tereshkova, Svetlana Savitskaya and Elena Kondakova in that exclusive group.	Transcript Link
2014 02 06	NASA Johnson	https://youtu.be/6miv46zeH4Y	Space to Ground - 02 07 14	Why is Dan Rather hosting this week's episode? The legendary news anchor stopped by our studio to teach NASA's Josh Byerly the finer points of anchoring a newscast. NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. BP-REG (Canadian Space Agency): http://www.nasa.gov/mission_pages/station/research/experiments/66.html Olympic Torch video: http://www.youtube.com/watch?v=QKMJVRDtcDM	Transcript Link

2014 02 06	NASA Johnson	https://youtu.be/QKMJVRDtcDM	Olympic Torch Completes Longest Relay in History	As the XXII Winter Olympic Games begin in Sochi, Russia, the athletes who compete must turn their eyes to the sky to see how far the torch that is lighting the Olympic flame has traveled. The symbol of peace, friendship, hope and understanding among the nations participating in the Olympic Games traveled by car, plane, reindeer, train and by a Russian Soyuz rocket that ferried it to the International Space Station, itself a symbol of peaceful international cooperation.	Transcript Link
2014 02 06	NASA Johnson	https://youtu.be/_IKDadtIqqI	Space Station Live Investigating Genius Materials On the Space Station	Space Station Live commentator Pat Ryan talks to Dr. Eric Furst, Principal Investigator for the InSPACE experiment, from the University of Delaware. InSpace, or Investigating the Structure of Paramagnetic Aggregates from Colloidal Emulsions, studies the fundamental behavior of magnetic colloidal fluids under the influence of various magnetic fields. These fluids are classified as smart materials which transition to a solid-like state by the formation and cross-linking of microstructures in the presence of a magnetic field. This technology has promise to improve the ability to design structures, such as bridges and buildings, and to better withstand earthquake damage. Furst describes colloids as "really interesting building blocks of matter to assemble other structures from or other useful, functional types of materials - 'genius materials' as some people have called them." Read more about InSpace... http://www.nasa.gov/mission_pages/station/research/experiments/213.html http://www.nasa.gov/mission_pages/station/research/experiments/323.html http://www.nasa.gov/mission_pages/station/research/experiments/736.html	Transcript Link
2014 02 05	NASA Johnson	https://youtu.be/e3qGy4OXGY4	Space Station Live Studying the Immune System In Space	An experiment on the International Space Station explores why astronauts' immune systems become suppressed in microgravity. NASA Public Affairs Officer Lori Meggs talks about the experiment, T-Cell Activation in Aging, with Principal Investigator and former shuttle astronaut Millie Hughes Fulford. Read more... http://www.nasa.gov/mission_pages/station/research/experiments/857.html http://www.jsc.nasa.gov/Bios/PS/hughes-fulford.html	Transcript Link

2014 02 04	NASA Johnson	https://youtu.be/GbIcZqwlNak	Space Station Live Space Diet to Prevent Bone Mineral Loss	Space Station Live commentator Pat Ryan conducts an interview with Dr. Scott M. Smith, the principal investigator of the Pro K experiment. The experiment is NASA's first evaluation of a dietary countermeasure to lessen bone loss of astronauts. Pro K proposes that a flight diet with a decreased ratio of animal protein to potassium will lead to decreased loss of bone mineral. Read more... http://www.nasa.gov/mission_pages/station/research/experiments/721.html	Transcript Link
2014 01 31	NASA Johnson	https://youtu.be/bM-Ji-pjnk8	Space Station Live Deploying Cubesats from the Station	NASA PAO Officer Amiko Kauderer talks to Michael Johnson, NanoRacks Chief Technology Officer, about the installation of the CubeSat deployer in the Japanese Experiment Module Airlock. The installation work is in preparation for the upcoming deployment of several tiny satellites.	Transcript Link
2014 01 31	NASA Johnson	https://youtu.be/VT_oc_G6irg	Space to Ground - 1 31 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. For more information on ISERV please visit: http://www.nasa.gov/mission_pages/servir/ For more information on ISS Light Microscopy please visit: http://www.nasa.gov/mission_pages/station/research/experiments/541.html For more information on ISS facts and figures please visit http://www.nasa.gov/mission_pages/station/main/onthestation/facts_and_figures.html	Transcript Link
2014 01 30	NASA Johnson	https://youtu.be/QPghbtqKdBg	Space Station Live Designing an Exercise Program for Space	NASA Public Affairs Officer Amiko Kauderer conducts an interview with Mark Guilliams, Astronaut Strength, Conditioning and Rehabilitation Specialist. Guilliams worked with Hopkins to design an inflight exercise regimen during his mission on board the International Space Station. Hopkins preferred a more intense exercise program with less rest and multiple workouts and worked with Guilliams during preflight training. Watch a video showing Hopkins exercising in space using the Advanced Resistive Exercise Device... https://www.youtube.com/watch?v=EEQyybh617I	Transcript Link

2014 01 29	NASA Johnson	https://youtu.be/EEQyybh617I	Astronaut Mike Hopkins Workout in Space 1	Astronaut Mike Hopkins, a lifelong athlete, worked closely with his strength and conditioning coach Mark Guilliams to develop these specially-designed workouts in orbit. Shown here, Hopkins is using the Advanced Resistive Exercise Device to perform this challenging workout. (100 Pull Ups, Push Ups, Sit Ups and Air Squats each.) As part of his mission, Hopkins is a participant in a number of going medical studies and research experiments. Pro K is one area of research Mike is helping with. For this study, the astronauts eat a low protein diet in an effort to minimize bone mineral loss. This will not only help future astronauts on long duration missions, but given the dietary trends in the U.S., this research will have direct public health significance helping us better understand protein-rich diets. Learn more about Pro K: http://www.nasa.gov/mission_pages/station/research/experiments/721.html Numerous benefits are already being realized from space station science such as vaccine development research, imagery that aids disaster relief and farming, and education programs that inspire future scientists, and engineers are just some examples. To learn more about benefits from ISS, visit: http://www.nasa.gov/iss-science Staying healthy is important for all astronauts going to space, but lifelong fitness is particularly important to Mike. To follow along with his workouts and other Astronaut workouts and activities,	Transcript Link
2014 01 29	NASA Johnson	https://youtu.be/y7fFtBgf_B0	Space Station Live Fungal Response to Microgravity	You wouldn't think things such as diaper rash or thrush could be studied aboard the International Space Station, but an investigation is looking at a type of microorganism, common to us here on Earth, to see how it reacts to the effects of microgravity. Public Affairs Officer Lori Meggs at the Payload Operations Integration Center at Marshall Space Flight Center in Huntsville, Ala., talks with Sheila Neilsen-Preiss, principal investigator for the Micro-6 study of Candida albicans in microgravity.	Transcript Link
2014 01 24	NASA Johnson	https://youtu.be/-qajQWiHBcU	Space to Ground - 1 24 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Ants in Space: http://www.nasa.gov/mission_pages/station/research/experiments/786.html Energy experiment: http://www.nasa.gov/mission_pages/station/research/experiments/397.html	Transcript Link

2014 01 23	NASA Johnson	https://youtu.be/uaK-XZfFF7M	Space Station Live Studying The Risk of Visual Impairment in Space	Public Affairs Officer Brandi Dean interviews Christian Otto, the principal investigator of the Ocular Health experiment. The research seeks to characterize the physiological changes and risk of visual impairment during a long-term mission in microgravity. The Ocular Health study will help scientists to understand the changes to an International Space Station crew member's eyesight. The study compares an astronaut's vision during long-term stays in space to their vision before and after a space mission. Read more about Ocular Health... http://www.nasa.gov/mission_pages/station/research/experiments/204.html	Transcript Link
2014 01 23	NASA Johnson	https://youtu.be/bKrbMCl4tbM	NASA Tests Orion Spacecraft Parachute Jettison Over Arizona	The latest Orion parachute test, on Jan. 16, included for the first time the jettison of the forward bay cover. Both the forward bay cover and the test version of the Orion crew module made it safely to the ground at the U.S. Army's Yuma Proving Ground in Arizona.	Transcript Link
2014 01 23	NASA Johnson	https://youtu.be/YNVJOG2bK0w	NASA Tests Orion Spacecraft Parachute Jettison Over Arizona	Orion makes its way safely to the ground after jettisoning its forward bay cover and deploying its two drogue parachutes and three massive main parachutes in a test of the parachute system on Jan. 16.	Transcript Link
2014 01 22	NASA Johnson	https://youtu.be/d-wMXRPuPhI	Expedition 39 Crew News Conference Introduction	Members of the Expedition 39/40 Crew are introduced at the Expedition 39 Crew News Conference on January 22, 2014 from Johnson Space Center. NASA astronaut Steve Swanson, Soyuz commander Alexander Skvortsov and cosmonaut Oleg Artemyev will launch from Baikonur Cosmodrome, Kazakhstan in late March to the International Space Station.	Transcript Link

2014 01 22	NASA Johnson	https://youtu.be/CE7Nz78rkfQ	Space Station Live Studying Fire In Space (FLEX-2)	Public Affairs Officer Lori Meggs at Marshall Space Flight Center in Huntsville, Alabama talks about a "cool" flames experiment in space. Meggs speaks to Vedha Nayagam, co-investigator for the FLEX-2 combustion experiment. You never want to hear about a fire in space, but for this experiment, that's exactly what had to happen. The FLEX-2 experiment burned different types of fuel droplets and showed us how flames behave without gravity, so that we may learn better ways to extinguish flames in space -- information that could lead to improved environmentally friendly fuels on Earth. Read more about FLEX-2... http://www.nasa.gov/mission_pages/station/research/experiments/480.html	Transcript Link
2014 01 17	NASA Johnson	https://youtu.be/Q_AGLeemYPg	Space Station Live Alvin Drew Discusses Storytime From Space	NASA Public Affairs Officer Dan Huot and NASA Astronaut Alvin Drew discuss Story Time in Space. The science program features astronauts reading stories from space to children to inspire them to read and learn about space exploration. The experiment was launched Jan. 9 aboard the Orbital Sciences Corp. Cygnus spacecraft and delivered to the International Space Station Jan. 12. http://www.storytimefromspace.com http://www.facebook.com/storytimefromspace https://twitter.com/StoryTimeSpace	Transcript Link
2014 01 17	NASA Johnson	https://youtu.be/o13ZdnvB8UQ	Space to Ground - 1 17 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. SPHERES Slosh experiment: http://www.nasa.gov/mission_pages/station/research/experiments/980.html AES-1 experiment: http://www.nasa.gov/mission_pages/station/research/news/orbital_investigations/	Transcript Link

2014 01 16	NASA Johnson	https://youtu.be/KU53X7O7z7w	Astronaut Steve Swanson Profile	Get to know NASA astronaut Steve Swanson, slated to fly to the International Space Station in late March to serve first as an Expedition 39 flight engineer and later as commander of the Expedition 40 crew. Swanson and cosmonauts Alexander Skvortsov and Oleg Artemyev of the Russian Federal Space Agency will launch to the space station aboard a Soyuz TMA-12M spacecraft March 25 from the Baikonur Cosmodrome in Kazakhstan as part of Expedition 39. Swanson will serve as commander for Expedition 40 beginning in May. They are scheduled to return to Earth in September. A news conference with the crew members will be carried live on NASA TV on Jan. 22 at 1 p.m. CST. Those following the briefing on social media can ask questions using the hashtag #askNASA. The Expedition 39-40 crew members will be the first to share their final weeks of mission preparations and their flight experiences on Instagram. Those interested can follow along at: http://instagram.com/iss Learn more about Steve's mission on the space station and the benefits from space research at http://www.nasa.gov/station.	Transcript Link
2014 01 15	NASA Johnson	https://youtu.be/9gbfL590Fgg	Robonaut Supports Telemedicine Advances	NASA is always investigating new uses for one of the world's most advanced humanoid robots, Robonaut 2 (R2.) Working with Dr. Zsolt Garami from Houston Methodist Research Institute, R2 was put through the paces to prove its use as a device enabling telemedicine, or the use of electronic communications to conduct medical procedures. After some quick training, an R2 teleoperator was able to guide the robot and perform an ultrasound scan on a medical mannequin. Humans at the controls are able to perform the task correctly and efficiently by using R2's dexterity to apply the appropriate level of force and can track their progress using R2's vision system. The teleoperated R2 also experimented using a syringe as part of a procedure further demonstrating the robot's capabilities for telemedicine. This demonstration of robotic capabilities could one day result in the ability for physicians to conduct complex medical procedures on humans in remote locations, whether on the Earth's surface or even in low Earth orbit.	Transcript Link
2014 01 15	NASA Johnson	https://youtu.be/TASn98HkJfk	Space Station Live Space Imagery for Environmental Monitoring	A recent International Space Station experiment called HICO used a hyperspectral imaging camera to study the Earth's waterways a little more closely. At the Marshall Space Flight Center, NASA Public Affairs Officer Lori Meggs talked with Darryl Keith to find out how the Environmental Protection agency is taking that data and using it to develop Earth applications.	Transcript Link

2014 01 15	NASA Johnson	https://youtu.be/hfJ5SI0ee-M	Space Station Live Ants in Space	NASA Public Affairs Officer Dan Huot talks with Professor Deborah M. Gordon of Stanford University, who is the principal investigator for the Ants in Space experiment aboard the International Space Station. This experiment arrived at the space station Sunday aboard Orbital Sciences' Cygnus cargo spacecraft. The Ants in Space study examines the behavior of ants by comparing groups living on Earth to those in space. The idea is that ant interactions are dependent upon the number of ants in an area. Measuring these interactions may be important in determining behavior of ants in groups. This insight may add to existing knowledge of swarm intelligence, or how the complex behavior of a group is influenced by the actions of individuals. Developing a better understanding of swarm intelligence may lead to more refined mathematical procedures for solving complex problems, like routing trucks, scheduling airlines or telecommunications efficiency.	Transcript Link
2014 01 15	NASA Johnson	https://youtu.be/B2vAK6qlNaw	Preparing America for Deep Space Exploration Episode 4	On sea, land and in the sky, NASA's Orion, Space Launch System and Ground Systems Development and Operations continued making progress toward sending humans beyond Earth's orbit during the past quarter.	Transcript Link
2014 01 13	NASA Johnson	https://youtu.be/76KN-AUUd1w	The ISS SPHERES Facility	Alvar Saenz Otero, Ph.D., associate director and SPHERES lead scientist at the Massachusetts Institute of Technology Space Systems Laboratory, presents an overview of the Synchronized Position Hold, Engage, Reorient, Experimental Satellites (SPHERES) used for multiple robotics research investigations aboard the International Space Station. The SPHERES help researchers learn how to control bowling-ball sized satellites in a microgravity environment. Specifically, the research team is looking at how to control multiple satellites so that they work together. Planned uses for SPHERES include in space robotic assembly and refurbishing and repairing existing satellites in orbit.	Transcript Link
2014 01 10	NASA Johnson	https://youtu.be/qX4M37GKd5A	Space Station Live Science Aboard Cygnus	Associate International Space Station Program Scientist Tara Ruttley talks with NASA Public Affairs Officer Josh Byerly about the science being carried to the station aboard Orbital Sciences' Cygnus spacecraft.	Transcript Link

2014 01 10	NASA Johnson	https://youtu.be/7xdVjbQJowc	Space to Ground - 1 10 14	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Orbital Sciences' Cygnus info: http://www.nasa.gov/orbital Cardio Ox experiment: http://www.nasa.gov/mission_pages/station/research/experiments/931.html Sprint experiment: http://www.nasa.gov/mission_pages/station/research/experiments/972.html	Transcript Link
2014 01 09	NASA Johnson	https://youtu.be/12iayXdNTdM	Robonaut Legs In Motion	NASA engineers are developing climbing legs for the International Space Station's robotic crew member Robonaut 2 (R2), marking another milestone in space humanoid robotics. The legless R2, currently attached to a support post, is undergoing experimental trials with astronauts aboard the orbiting laboratory. Since its arrival at the station in February 2011, R2 has performed a series of tasks to demonstrate its functionality in microgravity. These new legs, funded by NASA's Human Exploration and Operations and Space Technology mission directorates, will provide R2 the mobility it needs to help with regular and repetitive tasks inside and outside the space station. The goal is to free up the crew for more critical work, including scientific research. To learn more about Robonaut, visit http://www.nasa.gov/robonaut	Transcript Link
2014 01 09	NASA Johnson	https://youtu.be/A_XRPNRySJg	Space Station Live Student Science Heading to Space Aboard Cygnus	Dr. Jeff Goldstein, Director of the National Center for Earth and Space Science Education, discusses the student experiments being flown to the International Space Station aboard the Orbital Sciences Cygnus vehicle.	Transcript Link

2014 01 07	NASA Johnson	https://youtu.be/JZ7n24CtEFw	Crew Quarters Tour Inside the Space Station	Japanese astronaut and Expedition 38 Flight Engineer Koichi Wakata narrates a video tour of the crew quarters inside the International Space Station's Harmony node. Read more about Expedition 38, http://go.nasa.gov/K2iyvd There are crew quarters for four crew members inside Harmony. The individual living spaces are about the size of a telephone booth and include a sleeping bag, laptop computers and gear for communicating with family members. To learn more about the station, visit http://www.nasa.gov/station HD download link: https://archive.org/details/KoichiWakataISSCrewQuartersTour	Transcript Link
2014 01 06	NASA Johnson	https://youtu.be/sMRD5cwW9Mk	Johnson Space Center 2013 Highlights	2013 brought many memorable moments to NASA's Johnson Space Center, Houston in the realm of human spaceflight exploration, international and commercial partnerships, and research and technology development. This video showcases the work and research being done by crews at the International Space Station; milestones in the Orion and Commercial Crew Programs, as well as Commercial Orbital Transportation Services; advancements in technology with Morpheus and Robonaut; developments for a future human mission to an asteroid; selection of new astronaut candidates and educational outreach activities.	Transcript Link
2014 01 03	NASA Johnson	https://youtu.be/22I7XzXCTr4	Space Station Live Orion Update From Astronaut Lee Morin	Astronaut Lee Morin, the head of the Rapid Prototyping Lab, talks with NASA Public Affairs Officer Amiko Kauderer about the latest development milestones for the Orion MPCV, including recent ascent and abort sims, in advance of EFT-1 in 2014.	Transcript Link
2014 01 02	NASA Johnson	https://youtu.be/zoUEhbEGLiQ	Space Station Live Science for 2014	International Space Station Chief Scientist Julie Robinson discusses some of the technology and research activity on tap for the orbital laboratory in 2014.	Transcript Link

2013 12 27	NASA Johnson	https://youtu.be/HkdpC3ehIpk	Space to Ground - 12 27 13	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. The ISS "Benefits for Humanity" video series: http://www.nasa.gov/stationbenefits See the station from your own backyard: http://spotthestation.nasa.gov/ "Train Like an Astronaut" Facebook page: http://www.facebook.com/trainastronaut To learn more about the station, visit http://www.nasa.gov/station	Transcript Link
2013 12 27	NASA Johnson	https://youtu.be/a9cgSDGlzgA	Russian Spacewalk at Space Station	Spacewalk Increment Manager Marc Ciupitu narrates a computer animated video of the activities planned for the Dec. 27 Russian spacewalk outside the International Space Station.	Transcript Link
2013 12 24	NASA Johnson	https://youtu.be/TBPjod1F3M8	Space Station Research Top Ten Results (Part 2)	There have been hundreds of science experiments and technology research projects onboard the International Space Station since the first modules of that station were launched 15 years ago. The research has covered things like human life sciences, in order to find out how being in that environment impacts people, and to find out ways to mitigate the negative effects of that, as well as research in biology and physical sciences, and astronomical sciences and technology development, and research to support future human exploration beyond low earth orbit. And much of this has been done with an eye toward how what we've learned in space can be applied to help people here on earth. For a recent international conference, the International Space Station Chief Scientist, Dr. Julie Robinson, was asked to put together a list of the top 10 research results from the space station, and she joins Pat Ryan of NASA Public Affairs to talk about some of those. Read Dr. Robinson's Blog, A Lab Aloft: http://blogs.nasa.gov/ISS_Science_Blog/ Follow us on Twitter: https://twitter.com/ISS_Research Follow us on Facebook: http://www.facebook.com/ISS See the International Space Station as it orbits above your location: http://SpotTheStation.nasa.gov. To follow the mission, watch Space Station Live weekdays on NASA Television and get weekly updates every Friday on Space to Ground	Transcript Link

2013 12 24	NASA Johnson	https://youtu.be/aVjvhbkYwkA	Space Station Research Top Ten Results (Part 1)	NASA has been observing the 15th Anniversary of the launch of the first few modules of the International Space Station back in November of 1998. In this coming February, we'll mark the 13th Anniversary of the arrival of the U.S. Laboratory Destiny to the International Space Station on a space shuttle mission during Expedition One. Science research has been going on on board the space station throughout the assembly process, but now that the assembly is essentially complete the science activity both inside and outside the space station is taking the primary focus of the activity on orbit. A few months ago, the International Astronautical Federation asked International Space Station Chief Scientist, Julie Robinson, to share the top 10 research results from the station at the International Astronautical Congress in Beijing, and she joins Pat Ryan of NASA Public Affairs to talk about some of those. Read Dr. Robinson's Blog, A Lab Aloft: http://blogs.nasa.gov/ISS_Science_Blog/ Follow us on Twitter: https://twitter.com/ISS_Research Follow us on Facebook: http://www.facebook.com/ISS See the International Space Station as it orbits above your location: http://SpotTheStation.nasa.gov. To follow the mission, watch Space Station Live weekdays on NASA Television and get weekly updates every Friday on Space to Ground at	Transcript Link
2013 12 23	NASA Johnson	https://youtu.be/jwMZ43StsTY	Space Station Live Doug Wheelock Talks About Repair Spacewalks	Public Affairs Officer Dan Huot talks to astronaut Doug Wheelock talks about the spacewalks by Expedition 38 crew members Rick Mastracchio and Mike Hopkins to repair a faulty pump module. During Expedition 24, Wheelock and fellow astronaut Tracy Caldwell-Dyson, worked during a set of spacewalks to remove and replace an ammonia pump module.	Transcript Link
2013 12 23	NASA Johnson	https://youtu.be/mbA2j3UwIhc	TLA 12 Days of Astronaut Fitness	During this busy holiday season, even astronauts find a way to squeeze in fitness activities during their busy days while also making them fun! The NASA Train Like An Astronaut team created this special holiday-themed video for space and fitness fans everywhere! Remember you can "Train Like An Astronaut!" Find astronaut workouts, videos and more at Facebook.com/TrainAstronaut or follow on Twitter @TrainAstronaut	Transcript Link

2013 12 23	NASA Johnson	https://youtu.be/LxLrP8KPfPg	Space Station Live Flight Director Judd Frieling Discusses Repair Spacewalks	Public Affairs Officer Rob Navias interviews Flight Director Judd Frieling about the series of spacewalks to install a spare ammonia pump module on the International Space Station's S1 truss. Spacewalkers Rick Mastracchio and Mike Hopkins are performing the repair work while Japanese astronaut Koichi Wakata operates the Canadarm2.	Transcript Link
2013 12 20	NASA Johnson	https://youtu.be/8DZ2DS8O4pU	Space to Ground - 12 20 13	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Links mentioned this week: Spacewalk info: http://www.nasa.gov/station Synchronized Position Hold, Engage, Reorient, Experimental Satellites: http://www.nasa.gov/mission_pages/station/research/experiments/311.html Alpha Magnetic Spectrometer: http://ams.nasa.gov Train Like An Astronaut: http://www.facebook.com/trainastronaut	Transcript Link
2013 12 18	NASA Johnson	https://youtu.be/8oAW_uDSdFE	Station Spacewalks to Replace Pump Module	Lead U.S. Spacewalk Officer Allison Bolinger discusses the details of the three spacewalks the Expedition 38 crew will conduct to replace a faulty pump module on the International Space Station. Flight Engineers Rick Mastracchio and Mike Hopkins will venture out of the station's Quest airlock on Dec. 21, 23 and 25 to remove a pump module that has a failed valve and replace it with an existing spare that is stored on an external stowage platform. The pump is associated with one of the station's two external cooling loops, which circulate ammonia outside the station to keep both internal and external equipment cool.	Transcript Link
2013 12 17	NASA Johnson	https://youtu.be/bgrcF04_2KA	Station Cooling System Update From Flight Director	Expedition 38 Lead Flight Director Judd Frieling joins NASA Public Affairs Officer Dan Huot for an update on the International Space Station's ammonia pump module and the efforts by the Flight Control Team to resolve the issue with a software upload.	Transcript Link

2013 12 16	NASA Johnson	https://youtu.be/E_aXUVrDcnk	Work Continues on Station Cooling Issue	Kenny Todd, ISS Mission Operations Integration Manager, provides an update on the efforts to regulate temperatures in one of two cooling loops on the International Space Station affected by the malfunction last week of a flow control valve in a cooling pump on the station's starboard truss.	Transcript Link
2013 12 13	NASA Johnson	https://youtu.be/KDIk4jAkZ9U	Space Station Live Antibiotic Effectiveness in Space	NASA Public Affairs Officer Brandi Dean talks with Dr. David Klaus, principal investigator for Antibiotic Effectiveness in Space from BioServe Space Technologies, University of Colorado. Klaus discusses the NPL Vacccine-21 experiment that is being sent to the International Space Station aboard the Cygnus commercial cargo craft this month.	Transcript Link
2013 12 13	NASA Johnson	https://youtu.be/xKNLLoMHDY4	Space to Ground - 12 13 13	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Links mentioned this week: Orbital launch info: http://www.nasa.gov/station Circadian rhythm experiment: http://www.nasa.gov/mission_pages/station/research/experiments/892.html Astronaut eyes study: http://www.nasa.gov/mission_pages/station/research/experiments/204.html Train Like An Astronaut: http://www.facebook.com/trainastronaut	Transcript Link
2013 12 12	NASA Johnson	https://youtu.be/Jk9CuAB8rE0	Train Like an Astronaut Fit Explorer Series	https://www.facebook.com/#!/trainastronaut The next phase of Astronaut Mike Hopkin's mission is well underway and we have some exciting new downlink footage of his training that we will be sharing in the next few weeks...Curious? Check out this sneak peak at what's to come!	Transcript Link

2013 12 12	NASA Johnson	https://youtu.be/IB4EL8sYNeY	Station Flight Controller Talks to Pennsylvania High School Students	From NASA's International Space Station Mission Control Center, Joe Pascucci, Trajectory Operations Officer (TOPO), participates in a Digital Learning Network (DLN) event with students from East Stroudsburg High School, East Stroudsburg, Pa. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 12 12	NASA Johnson	https://youtu.be/RWQGagWEabw	Space Station Cooling Loop Update	Kenny Todd, ISS Mission Operations Integration Manager, provides an update on the issue with one of the International Space Station's cooling loops that began Wednesday and discusses efforts to resolve the issue.	Transcript Link
2013 12 11	NASA Johnson	https://youtu.be/KU5iLrv3sHo	Space Station Live Growing a Garden for a Future Space Harvest	NASA Public Affairs officer Lori Meggs interviews Paul Zamprelli, Orbital Technologies Corporation, about the VEGGIE (Vegetable Production System) experiment. Researchers are exploring the possibility of growing a garden in space with crew interaction and exposure to the cabin air. Astronauts won't get to enjoy the fresh vegetables right away. The garden will be harvested but the vegetables will be sent back to Earth for analysis. If scientists determine the vegetables grown in space are safe for consumption a space crew could soon be growing their own food. Read more... http://www.nasa.gov/mission_pages/station/research/experiments/863.html	Transcript Link
2013 12 11	NASA Johnson	https://youtu.be/rsc-v3WoroU	Space Station Live Studying Combustion to Make Space Exploration Safe	NASA Public Affairs officer Brandi Dean interviews Dr. Sandra Olson, Spacecraft Fire Safety Researcher at NASA Glenn Research Center, about BASS-II (Burning and Suppression of Solids) in advance of its launch aboard the Orbital Sciences' Cygnus spacecraft. BASS-II, a combustion science experiment, will study air flow on combustion in space and observe how materials ignite and their flammability. Results could help designers create safer materials and fabrics and improve fire prevention techniques. The safety of a vehicle and crew is extremely important as NASA plans missions beyond low-Earth orbit. BASS-II is the second version of the BASS experiment that began September 2011. Read more about BASS... http://www.nasa.gov/mission_pages/station/research/experiments/735.html	Transcript Link

2013 12 09	NASA Johnson	https://youtu.be/BluJ7do0QOI	Space Station Live Fluid Motion Study Using Mini-Satellites	NASA Public Affairs Officer Brandi Dean talks with Dr. Paul Schallhorn, the principal investigator for the SPHERES-Slosh experiment. This study, which takes a look at fluid motion in microgravity, will use the International Space Station's free-flying satellites known as Synchronized Position Hold, Engage, Reorient, Experimental Satellites, or SPHERES. The hardware for SPHERES-Slosh will be launching to the station Dec. 18 aboard the Cygnus cargo craft during the Orbital 1 commercial resupply mission.	Transcript Link
2013 12 06	NASA Johnson	https://youtu.be/5ukl5ySa6ZA	Science on the Shuttle's Spacelab	NASA Public Affairs Officer Lori Meggs talks about the 30th anniversary of the Spacelab Program with Marshall Space Flight Center Deputy Director Teresa Vanhooser. Spacelab was a module inside the shuttle's payload bay where numerous science experiments were conducted. Vanhooser discusses how the missions were managed from Marshall and how it has paved the way for science on station today.	Transcript Link
2013 12 06	NASA Johnson	https://youtu.be/hOkzlV72vUU	Space to Ground - 12 6 13	NASA's Space to Ground is your weekly update on what's happening aboard the International Space Station. Got a question or comment? Use #spacetoground to talk to us. Links mentioned this week: Expedition 38 Photo Gallery: http://go.nasa.gov/1cdkaJL Capillary Flow Experiment: http://go.nasa.gov/1cdkhVQ SLAMM-D: http://go.nasa.gov/1cdkpV8 Spot The Station: http://spotthestation.nasa.gov	Transcript Link

2013 12 06	NASA Johnson	https://youtu.be/ix7vHTEdSPg	Textron Team Readies Orion Heat Shield for Shipment to Kennedy Space Center	NASA's Orion spacecraft is just about ready to turn up the heat. The spacecraft's heat shield arrived at the agency's Kennedy Space Center in Florida Wednesday night aboard the agency's Super Guppy aircraft. The heat shield, the largest of its kind ever built, is to be unloaded Thursday and is scheduled for installation on the Orion crew module in March, in preparation for Orion's first flight test in September 2014. The heat shield began its journey in January 2012 in Colorado, at Orion prime contractor Lockheed Martin's Waterton Facility near Denver. That was the manufacturing site for a titanium skeleton and carbon fiber skin that give the heat shield its shape and provide structural support during landing. They were shipped in March to Textron Defense Systems near Boston, where they were used in construction of the heat shield itself. Textron installed a fiberglass-phenolic honeycomb structure on the skin, filled each of the honeycomb's 320,000 cells with the ablative material Avcoat, then X-rayed and sanded each cell to match Orion's design specifications. The Avcoat-treated shell will shield Orion from the extreme heat it will experience as it returns to Earth. The ablative material will wear away as it heats up during Orion's re-entry into the atmosphere, preventing heat from being transferred to the rest of the capsule.	Transcript Link
2013 12 05	NASA Johnson	https://youtu.be/5Z1K8g8Bzz8	Space Station Live Orion Heat Shield Delivered to Kennedy Space Center	NASA Public Affairs Officer Josh Byerly talks with Rose Flores, Orion Crew & Service Module Chief Engineer, about the delivery of Orion's heat shield to the Kennedy Space Center in Florida. The heat shield, the largest of its kind ever built, is to be unloaded Thursday and is scheduled for installation on the Orion crew module in March, in preparation for Orion's first flight test in September 2014. To learn more about Orion, visit: http://www.nasa.gov/orion	Transcript Link
2013 12 04	NASA Johnson	https://youtu.be/HEcOjAJ_iyM	Space Station Live Astronaut Cardiovascular Health	NASA Public Affairs Officer Lori Meggs talks with Steve Platts, principal investigator for the Cardio Ox experiment taking place aboard the International Space Station. This study takes a look at how long-duration spaceflight may induce oxidative and inflammatory stress in astronauts.	Transcript Link

2013 12 04	NASA Johnson	https://youtu.be/XiyViTYNyRA	Kennedy Director Bob Cabana Recalls First Station Assembly Mission	NASA Public Affairs Officer Josh Byerly talks with Kennedy Space Center Director Bob Cabana, who in December 1998 was the commander of the first International Space Station assembly flight -- the STS-88 mission aboard space shuttle Endeavour. The STS-88 crew attached the first U.S. segment of the station, the Unity node, to the Zarya module that had launched into space just a few weeks earlier. Since that first meeting of Zarya and Unity, the space station grew piece by piece with additions from each of the international partners built across three continents and leading to the largest and most complex spacecraft ever constructed.	Transcript Link
2013 12 02	NASA Johnson	https://youtu.be/Q9EGnxrLXiU	Former Shuttle Flight Director Recalls Hubble Servicing Mission	NASA Public Affairs Officer Josh Byerly talks with Milt Heflin, the lead flight director for the STS-61 shuttle mission to service the Hubble Space Telescope. Twenty years ago, the space shuttle Endeavour crew launched on the first servicing mission to correct a problem with Hubble's mirror and install additional upgrades to the space telescope.	Transcript Link
2013 11 27	NASA Johnson	https://youtu.be/Ph9g9Cc6q4Y	Space Station Live Circadian Rhythms	NASA Public Affairs Officer Dan Huot talks with Dr. Hans-Christian Gunga, the principal investigator for the Circadian Rhythms study aboard the International Space Station. This experiment examines the role of synchronized circadian rhythms (the human body's 24-hour light-dark cycle) and its maintenance during long duration spaceflight, and addresses its impact and importance relative to crew health and well-being.	Transcript Link
2013 11 27	NASA Johnson	https://youtu.be/fnmA35ibSMY	Train Like an Astronaut You are what you eat...so what do Astronauts eat	https://www.facebook.com/#!/trainastronaut As we approach Thanksgiving Day, Astronaut Mike Hopkins and Monica Leong from our Space Food Systems Laboratory help explain the importance of the U.S. food menu compliment and how it supports the nutritional and physical needs of our astronauts while living, working and, of course, exercising in space! They provide an inside look at some of the actual food items that the crew usually has onboard the space station, and special items provided to help create a Thanksgiving feast that's just like home. Looking to the future of space food nutrition and longer duration missions, Monica Leong shares some of the exciting new research being conducted on meal replacement options for the crew. Bon Appetite!	Transcript Link

2013 11 26	NASA Johnson	https://youtu.be/HhsaKTFz0TM	Benefits for Humanity In Their Own Words	For generations, we have dreamed about a place to live and work in space...a space station. And right now, 260 miles above us, moving 5 miles a second...that dream is a reality. We dreamed that life up there would benefit life down here. That dream has come true. Can the research on board the space station lead to cleaner drinking water on Earth? Can it help farmers produce better crops? Can it inspire a generation of students? Can it even save a life? It already has. As the work aboard the International Space Station begins to reach its potential, the benefits to humanity are becoming evident. These are just a few of the stories from people who have benefitted....told in their own words.	Transcript Link
2013 11 26	NASA Johnson	https://youtu.be/4QZy01o2eZE	Space Station Live Testing a New Progress Rendezvous System	Public Affairs Officer Rob Navias interviews Tom Erkenswick, Visiting Vehicle Officer, about Russia's Progess 53 resupply craft and its new Kurs automated rendezvous system. The Progress 53 will take a longer route to the International Space Station so mission controllers can test the updated Kurs which will save fuel and take up less mass inside the spacecraft. The Progress 53 launched Monday and will "flyby" the station Wednesday allowing Russian mission controllers to test the new Kurs system. They will review the telemetry downlinked from Progress on Thursday before giving the final go for its docking on Friday. Read more about the launch... http://www.nasa.gov/content/russian-cargo-ship-heading-to-space-station/	Transcript Link
2013 11 26	NASA Johnson	https://youtu.be/u-wjWAmp8To	Space Station Live Nov. 26, 2013	The Space Station Live recap video for Nov. 26, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 26	NASA Johnson	https://youtu.be/1HF9jOpM_wI	Thanksgiving Message from Station's Expedition 38 Crew	Aboard the Earth-orbiting International Space Station, NASA astronauts Rick Mastracchio and Mike Hopkins, both Expedition 38 flight engineers, send down their best wishes for a happy Thanksgiving.	Transcript Link

2013 11 25	NASA Johnson	https://youtu.be/HuD_tkjiTeQ	Space Station Live Nov. 22, 2013	The Space Station Live recap video for Nov. 22, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 25	NASA Johnson	https://youtu.be/3dk_RIDsN2w	Space Station Live Nov. 25, 2013	The Space Station Live recap video for Nov. 25, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 21	NASA Johnson	https://youtu.be/wBtUwBsfy90	Station Crew Sends Thanksgiving Message, Shows Off Selection of Food	Aboard the Earth-orbiting International Space Station, NASA astronauts Rick Mastracchio and Mike Hopkins, both Expedition 38 flight engineers, send down their best wishes for a happy Thanksgiving. Their Russian crewmates, Commander Oleg Kotov and Flight Engineers Sergey Ryazanskiy and Mikhail Tyurin, show off the station's galley where the crew will be preparing and enjoying a Thanksgiving meal.	Transcript Link
2013 11 21	NASA Johnson	https://youtu.be/gTkhNcncVZ8	Space Station Live Nov. 21, 2013	The Space Station Live recap video for Nov. 21, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link

2013 11 20	NASA Johnson	https://youtu.be/WMnCEnTWVwo	Space Station Live Commemorating 15 Years on Orbit	Public Affairs Officer Dan Huot talks to Mike Lammers, International Space Station flight director, about his experience at the beginning of the space station assembly era in 1998. Lammers built shuttle and station simulators during this period and also trained the first space shuttle crew, STS-88, to deliver a space station element. The first space station module in orbit was Russia's Zarya cargo module launched aboard a Proton rocket on Nov. 20, 1998. The second module was the United States' Unity node launched Dec. 4, 1998, aboard space shuttle Endeavour on the STS-88 mission.	Transcript Link
2013 11 20	NASA Johnson	https://youtu.be/njaBLEFSzRM	Space Station Live Nov. 20, 2013	The Space Station Live recap video for Nov. 20, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 20	NASA Johnson	https://youtu.be/zVzRrPRJQao	Space Station Live Marshall's Contributions to Station Hardware	While the team at the Payload Operations Integration Center at NASA's Marshall Space Flight Center makes science happen every day aboard the International Space Station, Marshall also played a key role in some of the station's major hardware components. NASA Public Affairs Officer Lori Meggs talks with some of the folks who helped make that hardware happen. Brian Mitchell, who was the element project manager for Node 1, discusses development and construction of this crucial station component at Marshall. Also known as the Unity node, Node 1 was the first U.S. piece of the station. Mike Cole, Deputy Manager for the ISS Office at Marshall, discusses the station's science hardware. Cole was the project manager when the Microgravity Science Glovebox, one of the dedicated science facilities inside the Destiny laboratory, was delivered to the station.	Transcript Link
2013 11 20	NASA Johnson	https://youtu.be/dk6cQC9QP-g	Space Station Live From Zarya to Orion	To mark the anniversary of the launch of the first component of the International Space Station, the Zarya module, Public Affairs Officer Dan Huot talks with Mark Geyer, program manager for Orion MPCV, NASA's next-generation space vehicle. 15 years ago, Geyer was the manager for the Russian Elements Integration Team, working to integrate the Russian contributions into the space station. Geyer discusses the lessons learned from the development of the station and its importance to the next step of human space exploration, sending astronauts farther into space than ever before.	Transcript Link

2013 11 20	NASA Johnson	https://youtu.be/zmULpvofSjA	Emerge - The Next Generation of JSC	Emerge is an Employee Resource Group at NASA's Johnson Space Center. Emerge's mission is to leverage the unique perspective of the Next Generation to evolve the JSC onboarding experience, foster cross-center collaboration, engage the community in JSC's mission, and develop the leaders of tomorrow. Emerge will support the mission of JSC in the following ways: 1. Create a community of the Next Generation 2. Develop future leaders of JSC 3. Promote consistent onboarding 4. Aid in recruitment of future employees 5. Positively engage the community in JSC's mission 6. Enhance multi-generational relationships 7. Provide an outlet for the Next Generation's voice This video was created as part of Emerge's business proposal to highlight the unique ways in which the Next Generation can benefit JSC. For more information about Emerge please contact Elena Buhay at elena.buhay@nasa.gov	Transcript Link
2013 11 19	NASA Johnson	https://youtu.be/Z8fE-OwpF4E	Space Station Live Deploying Tiny Satellites from the Station	Public Affairs Officer Dan Huot interviews Masazumi Miyake, the International Space Station Program Manager for the Japan Aerospace Exploration Agency (JAXA). Japan's main contribution to the space station is the "Kibo" Japanese Experiment Module. Kibo contains a laboratory module, a stowage module, an airlock, a robotic arm and an external platform. Miyake talks about the nanosatellites, known as Cubesats, three of which were deployed from Kibo Tuesday at 7:10 a.m. EST; a fourth will be released Wednesday at 2:50 a.m. Japanese astronaut Koichi Wakata operated Kibo's robotic arm to maneuver a deployer mechanism containing all four satellites from inside Kibo's airlock.	Transcript Link
2013 11 19	NASA Johnson	https://youtu.be/o60k1n2VAHE	Monthly ISS research video update for November 1, 2013	This video highlights the ISS Program Scientist's Top 10 research results from space station research thus far.	Transcript Link

2013 11 19	NASA Johnson	https://youtu.be/iBGJi_Ik1r8	Space Station Live Nov. 19, 2013	The Space Station Live recap video for Nov. 19, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 18	NASA Johnson	https://youtu.be/sgJk8_glGxY	Space Station Live Repairing and Testing a Spacesuit on Orbit	Public Affairs Officer Dan Huot interviews Alex Kanelakos, EVA Flight Controller and Crew Instructor, about a leaky spacesuit. Expedition 37 Flight Engineer Luca Parmitano wore that spacesuit during a July 16 spacewalk that ended early due to a water leak. Read more about the spacewalk... http://www.nasa.gov/content/tuesday-spacewalk-ended-early/ Ground controllers in conjunction with Expedition 38 Flight Engineer Mike Hopkins have been working to repair the spacesuit and determine the leak's cause. A test will take place Nov. 19 to check the spacesuit's functionality and telemetry. Engineers will take a close look at the spacesuit's cooling loop and water separator then perform a water and gas leak check. There are currently four U.S. spacesuits on orbit but only three are operable. Space station managers would like all four spacesuits in operating condition in the event an unplanned spacewalk from the U.S. segment should be necessary.	Transcript Link
2013 11 18	NASA Johnson	https://youtu.be/rmnpRJqWPfc	Space Station Live Nov. 18, 2013	The Space Station Live recap video for Nov. 18, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 15	NASA Johnson	https://youtu.be/XeBqyV2t190	Space Station Live Nov. 15, 2013	The Space Station Live recap video for Nov. 15, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link

2013 11 14	NASA Johnson	https://youtu.be/3RW8stH7GhA	Space Station Live Nov. 14, 2013	The Space Station Live recap video for Nov. 14, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 14	NASA Johnson	https://youtu.be/5Ox3dQN_AO4	Space Station Live Robotic Arm Works Hand in Hand With Surgeons	NASA Public Affairs Officer Lori Meggs talks with Dr. Garnette Sutherland, a professor of neurosurgery at the University of Calgary, about NeuroArm. A clinical research project where a robotic arm is working "hand in hand" with brain surgeons, NeuroArm works much like the Canadarm robotic arm on station...although on a much smaller scale. Dr. Sutherland shares how this technology has changed things in the operating room. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 13	NASA Johnson	https://youtu.be/8PLFVX-tE94	Expedition 38 Crew Profile, Version 2	The members of the International Space Station's crew are now all veteran space flyers, and all eager for the opportunity to make a contribution to the future of human exploration.	Transcript Link
2013 11 13	NASA Johnson	https://youtu.be/BNL8a-nudIQ	Space Station Live Nov. 13, 2013	The Space Station Live recap video for Nov. 13, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link

2013 11 13	NASA Johnson	https://youtu.be/wjee_JOCn7A	Typhoon Haiyan	This orbital pass over Typhoon Haiyan was viewed from the International Space Station on Nov. 9, 2013.	Transcript Link
2013 11 12	NASA Johnson	https://youtu.be/aoHwFCObkzo	NASA's Orion Sees Flawless Fairing Separation in Second Test	The three massive panels protecting a test version of NASA's Orion multipurpose crew vehicle successfully fell away from the spacecraft Wednesday in a test of a system that will protect Orion during its first trip to space next year. Learn more: http://www.nasa.gov/content/nasas-orion-sees-flawless-fairing-separation-in-second-test/	Transcript Link
2013 11 12	NASA Johnson	https://youtu.be/nAxY2v9aOrk	Expedition 38 39 Mission Overview	Commander Oleg Kotov, veteran of two previous station missions, leads Expedition 38 as the six-member crew conducts advanced microgravity research aboard the International Space Station. Flight Engineers Mike Hopkins and Sergey Ryazanskiy, who launched with Kotov Sept. 25, are both on their first spaceflight missions. Flight Engineers Rick Mastracchio, Koichi Wakata and Mikhail Tyurin delivered the Olympic torch to the station Nov. 6. Kotov and Ryazanskiy carried the torch outside the station during a spacewalk Nov. 9. Expedition 36/37 crew members Fyodor Yurchikhin, Karen Nyberg and Luca Parmitano returned the torch when they landed in Kazakhstan Nov. 10 as part of the traditional relay leading up to to the 2014 Winter Olympics in Sochi, Russia. http://www.nasa.gov/content/olympic-torch-highlights-station-spacewalk/ http://www.nasa.gov/mission_pages/station/expeditions/expedition38/index.html	Transcript Link
2013 11 12	NASA Johnson	https://youtu.be/4A8kx-EWWBk	Space Station Live Nov. 12, 2013	The Space Station Live recap video for Nov. 12, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link

2013 11 12	NASA Johnson	https://youtu.be/S-ARsgLWSt4	Expedition 37 Crew Welcomed Back to Earth	The Expedition 37 crew is welcomed back to Earth following the Soyuz TMA-09M spacecraft landing in the steppe of Kazakhstan. Flight Engineer Luca Parmitano shares his thoughts about the 166 day mission aboard the International Space Station.	Transcript Link
2013 11 11	NASA Johnson	https://youtu.be/GKwNSLkov6o	Expedition 37 Crew Heads Back to Earth	Soyuz Commander Fyodor Yurchikhin and Flight Engineers Karen Nyberg and Luca Parmitano undocked their Soyuz TMA-09M spacecraft from aft end the International Space Station's Zvezda service module at 6:26 p.m. EST Sunday to begin the journey home. At the time of the undocking, the complex was orbiting 262 miles over northeast Mongolia. A deorbit burn at 8:55 p.m. will put the Soyuz on track for a parachute-assisted landing in the steppe of Kazakhstan southeast of Dzhezkazgan at 9:49 p.m. (8:49 a.m. Monday, Kazakh time). Returning to Earth along with Yurchikhin, Nyberg and Parmitano is the torch that will be used to light the Olympic flame at the Feb. 7 opening ceremonies of the 2013 Winter Olympic Games in Sochi, Russia.	Transcript Link
2013 11 10	NASA Johnson	https://youtu.be/Z-l3QFEmL5M	Expedition 37 Bids Farewell to Station Crewmates	Expedition 37 Commander Fyodor Yurchikhin and Flight Engineers Karen Nyberg and Luca Parmitano bid farewell to their International Space Station crewmates and closed the hatch to their Soyuz TMA-09M spacecraft docked at the aft end of the Zvezda service module at 3 p.m. EST. When their Soyuz undocks at 6:26 p.m., it will mark the end of Expedition 37 and the start of Expedition 38 under the command of Oleg Kotov. Yurchikhin passed the helm of the station over to Kotov during a change of command ceremony Sunday. A deorbit burn at 8:55 p.m. will put the Soyuz on track for a parachute-assisted landing in the steppe of Kazakhstan southeast of Dzhezkazgan at 9:49 p.m. (8:49 a.m. Monday, Kazakh time).	Transcript Link

2013 11 08	NASA Johnson	https://youtu.be/UOQRIPAE3Ko	Space Station Live Advanced Eye Exams in Space	Public Affairs Officer Kelly Humphries interviews NASA astronaut Mike Barratt about vision and how it changes during long term missions in space. Barratt, a medical doctor, served as an Expedition 19/20 flight engineer in 2009 and an STS-133 mission specialist aboard space shuttle Discovery in 2011. During his stay in space as a flight engineer, Barratt noticed his vision changing and performed an eye exam with input from space medicine specialists on the ground. Using special gear they discovered anatomical changes to his eye. Upon further study, doctors found the majority of space flyers also experienced far-sighted vision changes. He and fellow doctors and scientists are testing astronaut's vision using the latest research and gear (i.e. Optical Coherence Tomography). Manager of the Human Research Program at Johnson Space Center, Barratt is studying the long term effects of living and working in space to improve health and reduce risk during human spaceflight. http://www.jsc.nasa.gov/Bios/htmlbios/barratt-mr.html http://www.nasa.gov/mission_pages/station/research/index.html	Transcript Link
2013 11 08	NASA Johnson	https://youtu.be/gvhGjLkNejw	Space Station Live Nov. 8, 2013	The Space Station Live recap video for Nov. 8, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link

2013 11 08	NASA Johnson	https://youtu.be/ORsUo2eXHtc	Expedition 37 38 39 Joint Crew News Conference	Nine International Space Station crew members gathered inside the Destiny laboratory for a joint crew news conference Friday morning. This is the first time since October 2009 that nine people have resided on the station without the presence of a space shuttle. Expedition 38/39 crew members Mikhail Tyurin, Koichi Wakata and Rick Mastracchio took a six-hour trip to the station Wednesday after launching in a Soyuz TMA-11M spacecraft from the Baikonur Cosmodrome, Kazakhstan. The new trio delivered the Olympic torch that will light the flame at the opening of the 2014 Winter Olympic Games in Sochi, Russia. Expedition 37/38 crew members Mike Hopkins, Oleg Kotov and Sergey Ryazansky launched Sept. 25 aboard a Soyuz TMA-10M spacecraft. Kotov and Ryazanskiy will conduct a spacewalk Saturday morning carrying the Olympic torch outside the station. Expedition 36/37 crew members Fyodor Yurchikhin, Karen Nyberg and Luca Parmitano arrived at the station May 28. They will return home Sunday inside a Soyuz TMA-09M spacecraft after a 5-1/2 month stay in space bringing back the Olympic torch.	Transcript Link
2013 11 07	NASA Johnson	https://youtu.be/JDellw1knhk	Space Station Live Astronaut Peggy Whitson Talks Micro-Encapsulation Experiments	Astronaut Peggy Whitson joins NASA Public Affairs Officer Kelly Humphries for a discussion of micro-encapsulation experiments in space.	Transcript Link
2013 11 07	NASA Johnson	https://youtu.be/w9G0p4H3bcc	Space Station Live SPHERES-RINGS	Ray Sedwick, Principal Investigator for the SPHERES-RINGS experiment aboard the International Space Station talks via phone with Public Affairs Officer Kelly Humphries. For this investigation, a set of soccer-ball-sized, free-flying satellites known as Synchronized Position Hold, Engage, Reorient, Experimental Satellites, or SPHERES, are equipped with ring-shaped hardware known as the Resonant Inductive Near-field Generation System, or RINGS, to demonstrate how power can be transferred between satellites without physical contact.	Transcript Link

2013 11 07	NASA Johnson	https://youtu.be/5S5kP1K1FgM	Space Station Live Nov. 7, 2013	The Space Station Live recap video for Nov. 7, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 07	NASA Johnson	https://youtu.be/xVuB5cuwB1w	Welcome Aboard!	Soyuz Commander Mikhail Tyurin and Flight Engineers Rick Mastracchio and Koichi Wakata are welcomed aboard the International Space Station by the crew of Expedition 37.	Transcript Link
2013 11 07	NASA Johnson	https://youtu.be/wmx28XW2c7Y	New Crew Arrives at Space Station	NASA's Richard Mastracchio, Russia's Mikhail Tyurin and Japan's Koichi Wakata arrived at the International Space Station early Thursday morning, just a little over six hours after launching in their Soyuz rocket from Kazakhstan. The crew is carrying the Olympic torch that will be used to light the Olympic flame in Sochi, Russia, for the 2014 Winter Games.	Transcript Link
2013 11 06	NASA Johnson	https://youtu.be/v7lsFqSoT2o	Space Station Live Nutrition and Bone Loss in Space	NASA Public Affairs Officer Lori Meggs discusses nutrition and bone loss in space with Dr. Scott Smith from the Nutrition Biochemistry Lab at Johnson Space Center and Linda Steakley, Registered Dietitian/Nutritionist, Huntsville Hospital. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link

2013 11 06	NASA Johnson	https://youtu.be/r3Bf0g56eYM	Space Station Live Nov. 6, 2013	The Space Station Live recap video for Nov. 6, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CST. http://www.nasa.gov/ntv	Transcript Link
2013 11 05	NASA Johnson	https://youtu.be/fB9kjLFnjIs	Space Station Live Nov. 5, 2013	The Space Station Live recap video for Nov. 5, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 11 05	NASA Johnson	https://youtu.be/rDQpEqAQkgk	Expedition 38 Soyuz Rolls Out to Launch Pad	The Soyuz TMA-11M rocket, adorned with the logo of the Sochi Olympic Organizing Committee and other related artwork, is rolled out to the launch pad by train on Tuesday, Nov. 5, 2013, at the Baikonur Cosmodrome in Kazakhstan. Launch of the Soyuz rocket is scheduled for November 7 and will send Expedition 38 Soyuz Commander Mikhail Tyurin of Roscosmos, Flight Engineer Rick Mastracchio of NASA and Flight Engineer Koichi Wakata of the Japan Aerospace Exploration Agency on a six-month mission aboard the International Space Station.	Transcript Link
2013 11 04	NASA Johnson	https://youtu.be/gq3yuE_de-k	Space Station Live Amateur Radio on the International Space Station	Public Affairs Officer Kelly Humphries interviews Frank Bauer, AMSAT Vice President for Human Spaceflight Programs, about amateur radio satellites. Bauer began his NASA career at Goddard Space Flight Center, moving to Johnson Space Center and finally retiring as Chief Engineer for Exploration at NASA Headquarters in Washington, D.C. There are over 70 amateur satellites (AMSAT) in orbit today with the first AMSAT launching in 1961. Amateur radios have been used on human spacecraft for 30 years including the entire duration of habitation on the International Space Station. About 15,000 students a year talk to space station crew members. AMSAT volunteers set up antennas and radio gear giving teachers and students a live chat with crews in orbit.	Transcript Link

2013 11 04	NASA Johnson	https://youtu.be/9SNKa6JpB00	Soyuz TMA-11M Spacecraft Mated to Rocket	At the Integration Facility at the Baikonur Cosmodrome in Kazakhstan, the Soyuz TMA-11M spacecraft is mated to its Soyuz booster rocket. The Soyuz is being prepared for its launch carrying Expedition 38/39 crew members to the International Space Station on Nov. 6. The crew and its backup toured the facility and signed their autographs as is tradition. The Soyuz rocket is decorated with the artwork and the colors of the 2014 Winter Olympics to be held in Sochi, Russia.	Transcript Link
2013 11 04	NASA Johnson	https://youtu.be/oL6hGWDd2lM	Space Station Live Nov. 4, 2013	The Space Station Live recap video for Nov. 4, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 11 01	NASA Johnson	https://youtu.be/1zAtMVncT-c	Next Station Crew Preps for Soyuz Launch	At the Baikonur Cosmodrome in Kazakhstan, Expedition 38/39 Soyuz Commander Mikhail Tyurin of the Russian Federal Space Agency (Roscosmos), Flight Engineer Rick Mastracchio of NASA and Flight Engineer Koichi Wakata of the Japan Aerospace Exploration Agency participated in a variety of activities from Oct. 26-Nov. 1 as they prepared for launch to the International Space Station on Nov. 7, Kazakh time, in the Soyuz TMA-11M spacecraft. The footage includes the crew's arrival in Baikonur, a dress rehearsal fit check in their Soyuz spacecraft and other crew-related activities.	Transcript Link
2013 11 01	NASA Johnson	https://youtu.be/I8Rm49OUe5U	Space Station Live Astronaut Chris Cassidy	Public Affairs Officer Josh Byerly talks with NASA astronaut Chris Cassidy, who returned to Earth in September after nearly six months aboard the International Space Station. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 11 01	NASA Johnson	https://youtu.be/tPURHbNzf9Q	Space Station Live Nov. 1, 2013	The Space Station Live recap video for Nov. 1, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 10 31	NASA Johnson	https://youtu.be/N0c1CijmH7o	NASA Astronaut Karen Nyberg Invites Quilters to Create a Space Square	NASA Astronaut Karen Nyberg, a lifelong lover of sewing, is inviting fellow crafters to join her in stitching together a global community space quilt. Nyberg, in the final weeks of her mission, recently shared a star-themed quilt square she was able to complete inside the International Space Station. Now, she's inviting quilters from the public to create their own star-themed quilt squares to help celebrate her mission and passion for the quilting arts. The International Quilt Festival and Nyberg will work together to have the squares stitched together for display at the 40th annual International Quilt Festival in 2014 and other public displays. For Nyberg's complete biography, visit: http://www.jsc.nasa.gov/Bios/htmlbios/nyberg-kl.html For more information about Nyberg's personal sewing hobbies visit: http://go.nasa.gov/CraftyKaren	Transcript Link
2013 10 31	NASA Johnson	https://youtu.be/Cck1tDv57ig	Space Station Live Oct. 31, 2013	The Space Station Live recap video for Oct. 31, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 10 30	NASA Johnson	https://youtu.be/Uy11alCPe60	Space Station Live 3-D Printing on the Station	Public Affairs Officer Lori Meggs interviews Niki Werkheiser, 3-D print project manager at Marshall Space Flight Center, about how the new technology may be used on the International Space Station. The printer would be the first 3-D printer in microgravity. The first printer is a demonstration test and will be installed inside the Microgravity Science Glovebox. Tools and space parts can be printed for use on the station eliminating the need to manufacture and deliver the gear for launch aboard a cargo spacecraft. Flight controllers could upload a CAD file to the space station for printing complex parts. A crew member could then assemble the newly printed parts to build tools, repair broken gear and even assemble nano-satellites. During future long-term missions beyond low-Earth orbit a crew will not have the benefit of deliveries from a resupply craft. The new 3-D printing technology could benefit a potential mission to an asteroid or Mars. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 10 30	NASA Johnson	https://youtu.be/tUsnNx1SINE	Space Station Live Oct. 30, 2013	The Space Station Live recap video for Oct. 30, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 10 29	NASA Johnson	https://youtu.be/kwtRgmNetG0	Space Station Live Oct. 29, 2013	The Space Station Live recap video for Oct. 29, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 10 28	NASA Johnson	https://youtu.be/qeuvB1WfEd4	Expedition 38 Crew Departs Star City	Expedition 38 Flight Engineers Mikhail Tyurin, Koichi Wakata and Rick Mastracchio participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia outside Moscow Oct. 16. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete training for their launch to the International Space Station in the Soyuz TMA-11M spacecraft Nov. 6 (Nov. 7 Baikonur time).	Transcript Link
2013 10 28	NASA Johnson	https://youtu.be/O3tXqbl95cI	Expedition 38 Flight Engineer Rick Mastracchio	Meet JAXA astronaut Rick Mastracchio, flight engineer for the Expedition 38 crew of the International Space Station.	Transcript Link
2013 10 28	NASA Johnson	https://youtu.be/pij-M_eAeCg	Expedition 38 Flight Engineer Koichi Wakata	Meet JAXA astronaut Koichi Wakata, flight engineer for the Expedition 38 crew of the International Space Station.	Transcript Link
2013 10 28	NASA Johnson	https://youtu.be/3ZoEIsl852Q	Expedition 38 Crew Profile, Version 1	Meet the three Expedition 38 crew members who will launch to the International Space Station in November. NASA astronaut Rick Mastracchio, Soyuz Commander Mikhail Tyurin and JAXA astronaut Koichi Wakata are set to launch Nov. 6 (Nov. 7, Kazakh time) from the Baikonur Cosmodrome in their Soyuz TMA-11M spacecraft for a five and a half month mission on the International Space Station.	Transcript Link

2013 10 28	NASA Johnson	https://youtu.be/HLoGlt-XOMU	Expedition 38 Flight Engineer Mikhail Tyurin	Meet cosmonaut Mikhail Tyurin, flight engineer for the Expedition 38 crew of the International Space Station.	Transcript Link
2013 10 28	NASA Johnson	https://youtu.be/_rWWFuRXHyI	Space Station Live Oct. 28, 2013	The Space Station Live recap video for Oct. 28, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 10 25	NASA Johnson	https://youtu.be/GUkC0FnH9zg	Space Station Live Oct. 25, 2013	The Space Station Live recap video for Oct. 25, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 10 24	NASA Johnson	https://youtu.be/-gpwJ-USrpg	Space Station Live Spacesuit Water Leak Troubleshooting	NASA Public Affairs Officer Dan Huot talks with Alex Kanelakos, EVA flight controller and astronaut instructor, about the current spacesuit troubleshooting work being performed aboard the International Space Station by Flight Engineers Mike Hopkins and Karen Nyberg. During an abbreviated July 16 spacewalk, water leaked into Flight Engineer Luca Parmitano's spacesuit helmet from the internal life-support system of his spacesuit. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 10 24	NASA Johnson	https://youtu.be/fmGsYe7Fx-U	Space Station Live Oct. 24, 2013	The Space Station Live recap video for Oct. 24, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 10 23	NASA Johnson	https://youtu.be/EPPGQeZ4aw4	Jumping Spider, Nefertiti, Onboard the International Space Station	The Phiddipus johnsoni, or red-backed jumping spider, named Nefertiti is shown here walking and preying on flies in her habitat while in orbit on the International Space Station and in her habitat readapting to gravity on Earth. (BioServe Space Technologies)	Transcript Link
2013 10 23	NASA Johnson	https://youtu.be/TD0uHZkfQ-8	Space Station Live Oct. 23, 2013	The Space Station Live recap video for Oct. 23, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 10 23	NASA Johnson	https://youtu.be/ab-m1a0TR9s	Expedition 37 Crew Profile, Version 2	Meet the International Space Station's Expedition 37 crew -- Commander Fyodor Yurchikhin and Flight Engineers Karen Nyberg, Luca Parmitano, Mike Hopkins, Oleg Kotov and Sergey Ryazanskiy.	Transcript Link

2013 10 23	NASA Johnson	https://youtu.be/z1BiBDhdPDU	Expedition 37 38 Mission Overview	The main focus for the crew onboard the International Space Station this fall is on the station's top priority: groundbreaking scientific research that can't be done anywhere else -- science that helps the people of Earth today and advances the technology needed to support space exploration beyond Earth tomorrow.	Transcript Link
2013 10 22	NASA Johnson	https://youtu.be/s02WQxnkvil	Space Station Live Oct. 22, 2013	The Space Station Live recap video for Oct. 22, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 10 21	NASA Johnson	https://youtu.be/tsGcF6sETWQ	Space Station Live Oct. 21, 2013	The Space Station Live recap video for Oct. 21, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 30	NASA Johnson	https://youtu.be/sg514Mh3ysA	Space Station Live Sept. 30, 2013	The Space Station Live recap video for Sept. 30, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 09 30	NASA Johnson	https://youtu.be/Kr5036qjSnw	2013 Racing the Station	A quick and upbeat introduction to the International Space Station and some of the ~1550 research investigations on-board. Through advancing the state of scientific knowledge of our planet, looking after our health, and providing a space platform that inspires and educates the science and technology leaders of tomorrow, these benefits will drive the legacy of the space station as its research strengthens economies and enhances the quality of life here on Earth for all people.	Transcript Link
2013 09 30	NASA Johnson	https://youtu.be/TiAoo-cO4mo	Biweekly ISS Research Update - Sept. 1, 2013	Biweekly ISS research video update for Sept. 1, 2013.	Transcript Link
2013 09 30	NASA Johnson	https://youtu.be/s9Er3OOgen8	NASA Flight Director Talks Arrival of Cygnus	NASA Flight Director Courtenay McMillan spoke with NASA's Josh Byerly during the arrival of the Cygnus spacecraft to the International Space Station. McMillan's team had worked since 2010 to prepare for the test flight of this new cargo vehicle.	Transcript Link
2013 09 30	NASA Johnson	https://youtu.be/O0KNY63kpS4	Astronaut Shannon Lucid Speaks About G. David Low and Cygnus	Orbital Sciences has named the Cygnus that arrived at the space station after former astronaut and Orbital executive G. David Low. Astronaut Shannon Lucid flew one of her missions with Low, and she spoke with NASA's Josh Byerly about her memories of her former crewmate and thoughts on the honor of the spacecraft bearing his name.	Transcript Link

2013 09 27	NASA Johnson	https://youtu.be/w7xboBrjcio	Space Station Live Sept. 27, 2013	The Space Station Live recap video for Sept. 27, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 27	NASA Johnson	https://youtu.be/dKhLb0tlJ-U	Space Station Live Karen Nyberg's Creative Skills and Technical Abilities	Public Affairs Officer Nicole Cloutier interviews NASA astronaut Megan McArthur about her friendship with Expedition 37 Flight Engineer Karen Nyberg. She discusses Nyberg's creative skills and technical abilities and how they complement each other and benefit her career. McArthur and Nyberg are both members of the 2000 class of astronauts nicknamed the "bugs".	Transcript Link
2013 09 27	NASA Johnson	https://youtu.be/61E4MKosRdE	Conversations with Astronaut Karen Nyberg on...Hobbies	NASA astronaut Karen Nyberg discusses her hobbies including sewing and crafting in this video, which is part of a special series developed from Nyberg's preflight conversations with fellow NASA astronaut Cady Coleman. Nyberg launched to space on May 28 as the Expedition 36 Flight Engineer.	Transcript Link
2013 09 26	NASA Johnson	https://youtu.be/QONqNwoc9BE	High School Students Chat With NASA Astronaut	From NASA's International Space Station Mission Control Center, NASA astronaut Stan Love, participates in a Digital Learning Network (DLN) event with students at Oconee County High School in Watkinsville, GA. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link

2013 09 26	NASA Johnson	https://youtu.be/2ynFyxTS8B8	Space Station Live Training Like an Astronaut	Public Affairs Officer Brandi Dean speaks with Mark Guilliams, lead strength and conditioning specialist, about the physical fitness training astronaut Mike Hopkins performed in preparation for his mission aboard the International Space Station. Hopkins will continue a daily exercise regimen aboard the the station to maintain strength and prevent the loss of bone density and muscle mass that occurs during long-duration spaceflight. Follow along with Mike Hopkins throughout his mission and "train like an Astronaut!" For more information about Mike and his mission visit: http://www.nasa.gov/station http://www.nasa.gov/content/train-like-an-astronaut-with-mike-hopkins/ Follow Mike on Twitter at @AstroILLINI Follow Mike and his workouts on Facebook at https://www.facebook.com/trainAstronaut	Transcript Link
2013 09 26	NASA Johnson	https://youtu.be/jtLqjGMMVCo	Space Station Live Sept. 26, 2013	The Space Station Live recap video for Sept. 26, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 26	NASA Johnson	https://youtu.be/XCeb0CI6eQM	New Crewmates Welcomed Aboard Station	New Expedition 37 crew members Oleg Kotov, Mike Hopkins and Sergey Ryazanskiy were welcomed aboard the International Space Station Thursday at 12:34 a.m. EDT. They docked to the Poisk mini-research module Wednesday at 10:45 p.m. EDT aboard a Soyuz TMA-10M spacecraft. They launched just four orbits earlier at 4:58 p.m. from the Baikonur Cosmodrome, Kazakhstan. After the hatches opened the new residents were greeted by Expedition 37 Commander Fyodor Yurchikhin and Flight Engineers Karen Nyberg and Luca Parmitano.	Transcript Link
2013 09 26	NASA Johnson	https://youtu.be/GN5LQh3q08s	Expedition 37 Arrives at Station, Docks to Poisk	A new trio of Expedition 37 residents has arrived at the International Space Station. Soyuz Commander Oleg Kotov and Flight Engineers Mike Hopkins and Sergey Ryazanskiy docked to the Poisk mini-research module Wednesday at 10:45 p.m. EDT aboard a Soyuz TMA-10M spacecraft. They launched just four orbits earlier at 4:58 p.m. from the Baikonur Cosmodrome, Kazakhstan. After the hatches open, the new residents will participate in a welcome ceremony at 12:25 a.m. with Expedition 37 Commander Fyodor Yurchikhin and Flight Engineers Karen Nyberg and Luca Parmitano. NASA TV coverage begins at midnight.	Transcript Link

2013 09 25	NASA Johnson	https://youtu.be/jOJpf-fn_NY	New Space Station Crew Launches	Expedition 37/38 Soyuz Commander Oleg Kotov and Flight Engineer Sergey Ryazanskiy of the Russian Federal Space Agency (Roscosmos) and NASA Flight Engineer Michael Hopkins launched on the Russian Soyuz TMA-10M spacecraft on Sept. 26, Kazakh time (Sept. 25, U.S. time) from the Baikonur Cosmodrome in Kazakhstan to begin a six-hour journey to the International Space Station. Welcoming them aboard will be the current space station residents, Expedition 37 Commander Fyodor Yurchikhin of the Russian Federal Space Agency and Flight Engineers Karen Nyberg of NASA and Luca Parmitano of the European Space Agency. Yurchikhin, Nyberg and Parmitano arrived at the space station in May aboard their Soyuz TMA-09M spacecraft.	Transcript Link
2013 09 25	NASA Johnson	https://youtu.be/Rrt3sgjJ_5s	Space Station Live Sept. 25, 2013	The Space Station Live recap video for Sept. 25, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 24	NASA Johnson	https://youtu.be/0mKEOlOFoxQ	Space Station Live Sept. 24, 2013	The Space Station Live recap video for Sept. 24, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 23	NASA Johnson	https://youtu.be/3WCw02GgdNE	Space Station Live Coordinating Activities with the Station Crew	NASA Public Affairs Officer Lori Meggs talks with Becky Grimaldi, Expedition 37 Payload Integrations Manager. They talk about how the International Space Station crew coordinates its activities with the Payload Operations Integration Center at Marshall Space Flight Center in Huntsville, Ala. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 09 23	NASA Johnson	https://youtu.be/Axd-YVkZrtg	Space Station Live Cygnus Rendezvous With Station Delayed	NASA Public Affairs Officer Brandi Dean talks with NASA Commercial Orbital Transportation Services Project Executive Bruce Manners via telephone to discuss the Cygnus' delayed rendezvous with the International Space Station. Managers from Orbital Sciences and NASA decided Monday morning to postpone the approach, rendezvous, grapple and berthing operations of Orbital's Cygnus cargo logistics spacecraft with the International Space Station to no earlier than Saturday, Sept. 28. Cygnus' rendezvous now will follow the launch and arrival of three crew members of Expedition 37/38 on Wednesday, Sept. 25. Michael Hopkins of NASA and Oleg Kotov and Sergey Ryazanskiy of the Russian Federal Space Agency (Roscosmos) will depart from the Baikonur Cosmodrome in Kazakhstan at 4:58 p.m. EDT and arrive at the space station at 10:47 p.m. Orbital has confirmed that over the past 24 hours, the Orbital team developed and tested a software fix for the data format mismatch that necessitated a postponement of the first rendezvous operation that was scheduled for the early morning of Sunday, Sept. 22. However, that process, together with the impending Soyuz crew operations, resulted in a tight schedule to the point that both Orbital and NASA felt it was the right decision to postpone the Cygnus approach and rendezvous until after Soyuz operations. An exact schedule for Cygnus will be determined following the successful completion of Soyuz operations. For the latest	Transcript Link
2013 09 23	NASA Johnson	https://youtu.be/scy4vjm7uTc	Expedition 37 38 Soyuz TMA-10M Roll Out	The Soyuz TMA-10M spacecraft is rolled out to the launch pad by train on Sept. 23, 2013, at the Baikonur Cosmodrome in Kazakhstan. Launch of the Soyuz rocket is scheduled for Sept. 26, Kazakh time, and will send Expedition 37 Soyuz Commander Oleg Kotov, NASA Flight Engineer Michael Hopkins and Russian Flight Engineer Sergey Ryazanskiy on a five and a half month mission aboard the International Space Station.	Transcript Link
2013 09 23	NASA Johnson	https://youtu.be/HnGsd11x2fk	Space Station Live Sept. 23, 2013	The Space Station Live recap video for Sept. 23, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 09 20	NASA Johnson	https://youtu.be/_ikouWcXhd0	Running in Space!	NASA astronaut Karen Nyberg, an Expedition 37 flight engineer aboard the International Space Station, demonstrates how astronauts run on the COLBERT treadmill in a weightless environment. Station crew members exercise for at least two hours every day to keep fit and to prevent the loss of muscle mass and bone density that occurs during long-duration spaceflight.	Transcript Link
2013 09 20	NASA Johnson	https://youtu.be/x49QfKZ7_Lg	International Space Station Program Artist Shows His Creative Process	The classic artist reaches for a brush, pen or pencil, or perhaps a pastel crayon to paint or sketch. Michael C. Jansen, for three decades an engineer at Johnson Space Center, sits before a computer display, stretches with his right hand for a mouse and begins to draw as though he was working with sketch pad or canvas. The inspiration for his space-themed creations flows as passionately through Microsoft PowerPoint as it once did through pencil and brush. Jansen's struggle with Parkinson's disease, which was diagnosed in mid-career, changed much in his life. He decided to switch direction and do what he felt was most important to him while he could—and that was art. Thanks to his innovative use of PowerPoint to steady his artistic stroke, a painstaking commitment to realism in his imagery and a supportive workplace, Jansen creates NASA-sponsored creations in support of space station. His latest pieces include a commemorative logo, poster and patch in celebration of humankind's first permanent off-Earth presence with the Russian element Zarya launch 15 years ago this November. This video shows Jansen's creative process as he creates art with a computer.	Transcript Link
2013 09 20	NASA Johnson	https://youtu.be/O0AmGqHHo9Y	Space Station Live Sept. 20, 2013	The Space Station Live recap video for Sept. 20, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 20	NASA Johnson	https://youtu.be/eCULfmZ7bb8	Space Station Live Tracking How Astronauts Run in Space	Do we run differently in space than we do on Earth? The answer may surprise you. NASA Public Affairs Officer Lori Meggs talks with John DeWitt, principal investigator for the Treadmill Kinematics experiment aboard the International Space Station. Treadmill Kinematics is the first rigorous investigation to quantify the biomechanics of treadmill exercise conditions during long duration space flight on the station. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 09 20	NASA Johnson	https://youtu.be/R9fGZVCUgW0	Space Station Live Cygnus Progress Report	NASA Public Affairs Officer Kyle Herring talks with NASA Commercial Orbital Transportation Services Project Executive Bruce Manners via telephone to discuss the recent launch of the Cygnus spacecraft and its upcoming rendezvous with the International Space Station. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 19	NASA Johnson	https://youtu.be/IZjAvqd2USE	Georgia Students Chat With NASA Engineer	From NASA's International Space Station Mission Control Center, Heather Paul, Crew and Thermal Systems Division Lead for Strategic Communications, participates in a Digital Learning Network (DLN) event with students at East Paulding Middle School in Dallas, Ga. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 09 19	NASA Johnson	https://youtu.be/0bho96llThE	New Station Trio Preps for Launch in Kazakhstan.	The three crew members who will return the International Space Station to its full six-person complement are in the homestretch of their launch preparations at the Baikonur Cosmodrome in Kazakhstan. Expedition 37/38 Flight Engineer Mike Hopkins of NASA, Soyuz Commander Oleg Kotov and Russian cosmonaut Sergey Ryazanskiy will launch Sept. 25 (Sept. 26, Kazakh time) aboard their Soyuz TMA-10M spacecraft for a five and a half month mission on the station.	Transcript Link
2013 09 19	NASA Johnson	https://youtu.be/RsN5wbcXED0	Space Station Live Career Choices at NASA	Public Affairs Officer Kyle Herring interviews Heather Paul, strategic communications lead for the Crew and Thermal Systems Division, about how she made here career choices. Paul describes her childhood fascination with astronomy and merging her interests with art and dancing. While going to school she started studying math and science and focused on becoming an engineer at NASA. During college as an undergraduate she began working for NASA and learned how to create projects that would fly in space and benefit astronauts. Paul has worked at NASA now for 18 years performing in several different areas.	Transcript Link

2013 09 19	NASA Johnson	https://youtu.be/hyxDrnkHQSs	Space Station Live Sept. 19, 2013	The Space Station Live recap video for Sept. 19, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 19	NASA Johnson	https://youtu.be/1pZ06OwCu2g	Conversations with Astronaut Karen Nyberg on...Career Choices	NASA astronaut Karen Nyberg discusses how she decided to become a mechanical engineer in this video, which is part of a special series developed from Nyberg's preflight conversations with fellow NASA astronaut Cady Coleman. Nyberg launched to space on May 28 as the Expedition 36 Flight Engineer.	Transcript Link
2013 09 19	NASA Johnson	https://youtu.be/MyHYphRAeYw	Expedition 37 Crew Profile, Version 1	Meet the three crew members who will return the International Space Station to its full six-person crew complement in September. NASA astronaut Mike Hopkins, Soyuz Commander Oleg Kotov and Flight Engineer Sergey Ryazanskiy are set to launch Sept. 25 (Sept. 26, Kazakh time) from the Baikonur Cosmodrome in their Soyuz TMA-10M spacecraft for a five and a half month mission on the International Space Station. They will join their Expedition 37 crewmates -- Commander Fyodor Yurchikhin and Flight Engineers Karen Nyberg and Luca Parmitano -- who have been living and working aboard the orbiting complex since late May.	Transcript Link

2013 09 18	NASA Johnson	https://youtu.be/1MSC_52LVOg	Train Like an Astronaut Countdown to Liftoff	Countdown to the liftoff for Astronaut Mike Hopkins as he prepares for his first mission to space!!! Mike will launch on Wednesday, September 25, 2013 at 4:58 p.m. ET / 3:58 p.m. CT The launch will be televised live on NASA Television beginning at 4 p.m. ET / 3 p.m. CT (It will also be streamed live at http://www.nasa.gov/ntv) Mike Hopkins will be joined by crewmates Oleg Kotov and Sergey Ryazanskiy for the launch from Baikonur Kazakhstan. They will arrive to the International Space Station approximately 6 hours later. The docking and hatch opening will also air on NASA Television. Follow along with Mike throughout his mission and "train like an Astronaut!" For more information about Mike and his mission visit: http://www.nasa.gov/station http://www.nasa.gov/content/train-like-an-astronaut-with-mike-hopkins/#.UjoihMbkuSo Follow Mike on Twitter at @AstroILLINI Follow Mike and his workouts on Facebook at https://www.facebook.com/trainAstronaut	Transcript Link
2013 09 17	NASA Johnson	https://youtu.be/SgcxhpoDH3Y	Space Station Live Antares Launch Update	NASA Public Affairs Officer Kyle Herring talks with John Steinmeyer, senior project manager for the Launch Systems Group at Orbital Sciences Corporation, about the upcoming Cygnus demonstration mission. Orbital will launch its Cygnus cargo spacecraft aboard its Antares rocket from NASA's Wallops Flight Facility in Virginia on Wednesday, Sept. 18. The Cygnus will spend several days heading toward the International Space Station where it will perform a series of checkout maneuvers, ensuring it can safely enter the keep-out zone of the orbiting complex. After those tests have been passed, Cygnus will proceed for an attempted rendezvous with the space station and will be captured by the crew on board. The rendezvous is targeted for Sept. 22. For the latest information, visit: http://www.nasa.gov/orbital http://www.nasa.gov/station	Transcript Link
2013 09 17	NASA Johnson	https://youtu.be/3PYLbcfXlw8	Space Station Live Sept. 17, 2013	The Space Station Live recap video for Sept. 17, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 09 16	NASA Johnson	https://youtu.be/NiHQIpOsL24	Space Station Live Sept. 16, 2013	The Space Station Live recap video for Sept. 16, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 13	NASA Johnson	https://youtu.be/jPeHX0SAz2M	Space Station Live Sept. 13, 2013	The Space Station Live recap video for Sept. 13, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 13	NASA Johnson	https://youtu.be/qm-QKtBjSms	Space Station Live Run Like an Astronaut	NASA Public Affairs Officer Dan Huot talks with NASA astronaut Dottie Metcalf-Lindenberger on her love of running and how important physical fitness is for astronauts while in space. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 13	NASA Johnson	https://youtu.be/kOACF9uL4Bc	Conversations with Astronaut Karen Nyberg on...Running	NASA astronaut Karen Nyberg discusses her love for running and how she pushes through a marathon in this video, which is part of a special series developed from Nyberg's preflight conversations with fellow NASA astronaut Cady Coleman. Nyberg launched to space on May 28 as the Expedition 36 Flight Engineer.	Transcript Link

2013 09 12	NASA Johnson	https://youtu.be/m7-87uOE0xk	This is JSC Rocket Science	"This is JSC" is a satirical series created by students at NASA Johnson Space Center. This volunteer outreach project showcases different projects and features unique to JSC. Sign up to see the International Space Station over your hometown: http://spotthestation.nasa.gov/	Transcript Link
2013 09 12	NASA Johnson	https://youtu.be/QKlE7gf3xlw	Train Like an Astronaut Muscle Strength	https://www.facebook.com/#!/trainastronaut Part of an effective mission is ensuring the health and vitality of each Astronaut onboard through multiple methods including but limited to diet and exercise. Join Astronaut Mike Hopkins as he explains how important muscle strength and conditioning moves are for mitigating bone and muscle loss effects of 0-G.	Transcript Link
2013 09 12	NASA Johnson	https://youtu.be/p7afh6oujC8	Space Station Live Cygnus Robotics Operations	NASA Public Affairs Officer Dan Huot talks with Billy Jones, ROBO flight controller for the International Space Station's flight control team, about the upcoming arrival of the Orbital Sciences Cygnus cargo ship set to launch on its first demonstration mission to the station on Sept. 17. Cygnus will approach the station Sept. 22 and will be grappled by the crew using the station's robotic arm, Candarm2. It will then be installed on the bottom side of the station's Harmony node.	Transcript Link
2013 09 12	NASA Johnson	https://youtu.be/3c9eO-aNdJg	Space Station Live Sept. 12, 2013	The Space Station Live recap video for Sept. 12, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 09 11	NASA Johnson	https://youtu.be/dqL0VroFS6Y	Space Station Live Preparing for Cygnus	NASA Public Affairs Officer Dan Huot talks with Ray Bigonesse, Visiting Vehicle Officer for the International Space Station's flight control team, about the upcoming arrival of the Orbital Sciences Cygnus cargo ship set to launch on its first demonstration mission to the station on Sept. 17. Cygnus will approach the station Sept. 22 and will be grappled by the crew using the station's robotic arm. It will then be installed on the bottom side of the station's Harmony node.	Transcript Link
2013 09 11	NASA Johnson	https://youtu.be/XqSW1xI4oo0	Space Station Live Training for Cygnus	NASA Public Affairs Officer Dan Huot talks with Chief Training Officer Wyatt Smith about the efforts in getting the ground team at mission control and the crew aboard the International Space Station ready for the maiden voyage of the Orbital Sciences Cygnus cargo ship to the orbiting complex. Cygnus will be launched aboard Orbital's Antares rocket on Sept. 17 from the Mid-Atlantic Regional Spaceport Pad-0A at NASA's Wallops Flight Facility in eastern Virginia. Rendezvous with the space station is scheduled for Sept. 22.	Transcript Link
2013 09 11	NASA Johnson	https://youtu.be/-M260qf8bbc	Space Station Live Sept. 11, 2013	The Space Station Live recap video for Sept. 11, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 11	NASA Johnson	https://youtu.be/cWc6SptEhmg	Preparing America for Deep Space Exploration Episode 3 Music Video	NASA's building momentum on the path to deep space in the Orion, Space Launch System and Ground Systems Development and Operations programs.	Transcript Link

2013 09 11	NASA Johnson	https://youtu.be/KBP7BSEsQWM	Expedition 36 Trio Leaves Station, Heads Home	Expedition 36 crew members Pavel Vinogradov, Chris Cassidy and Alexander Misurkin are on their way home. The trio undocked from the Poisk mini-research module in their Soyuz TMA-08M spacecraft Tuesday at 7:35 p.m. EDT. They are scheduled for a Kazakhstan landing at 10:58 p.m.	Transcript Link
2013 09 10	NASA Johnson	https://youtu.be/vCyNWhimvZE	Expedition 36 Trio Says Farewell, Closes Hatches	Expedition 36 crew members Pavel Vinogradov, Chris Cassidy and Alexander Misurkin said farewell to their crewmates Tuesday, Sept. 10, 2013. They closed the hatches between the International Space Station and the Soyuz TMA-08M spacecraft at 4:19 p.m. EDT. They conducted leak checks and put on their Sokol pressure suits.	Transcript Link
2013 09 10	NASA Johnson	https://youtu.be/Kq-exVQPGB4	Living at Home While Your Spouse is in Space	Public Affairs Officer Kelly Humphries interviews NASA astronaut Doug Hurley about handling things home on Earth while his wife, Karen Nyberg, is living in space as an Expedition 36/37 flight engineer. Hurley and their son Jack stay in touch with Karen using modern communication tools such as Skype and an iPad. Hurley said it is easier to be separated when you're the spouse going on a mission instead of the one staying home. As an astronaut, periods of separation from your family can be frequent and of varying durations. For instance, preparing for a mission can require weeks of training away from home in other parts of the world that prepare you for the space mission. In the meantime, while Karen spent her 100th day aboard the station on Sept. 5 her 4-year-old son Jack is growing. She will return home in November with her Expedition 36/37 crewmates having completed a 5-1/2 month mission on the International Space Station. Conversations With Astronaut Karen Nyberg on Family: https://www.youtube.com/watch?v=otwdUaIRg_Q	Transcript Link

2013 09 10	NASA Johnson	https://youtu.be/QLa6VqrKlD8	Space Station Live Sept. 10, 2013	The Space Station Live recap video for Sept. 10, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 09	NASA Johnson	https://youtu.be/dBf0tNb_8k4	Station Change of Command Ceremony	Expedition 36 Commander Pavel Vinogradov passes the helm of the International Space Station over to Expedition 37 Commander Fyodor Yurchikhin during a change of command ceremony Sept 9. Vinogradov and Flight Engineers Chris Cassidy and Alexander Misurkin are heading home Sept. 10 aboard their Soyuz TMA-08M spacecraft after 5 1/2 months aboard the orbiting complex.	Transcript Link
2013 09 09	NASA Johnson	https://youtu.be/tnLRCgOWGy8	Space Station Live Orbital Sciences Cygnus Update	Public Affairs Officer Dan Huot talks with Bruce Manners, NASA COTS project executive for Orbital Sciences, about the upcoming launch of the Cygnus demonstration flight to the International Space Station. Learn more: www.nasa.gov/orbital Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 09	NASA Johnson	https://youtu.be/nMqe9XEXTEg	Space Station Live Sept. 9, 2013	The Space Station Live recap video for Sept. 9, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 09 09	NASA Johnson	https://youtu.be/vfDXzkFHnz0	Space Station Live Robonaut, the Humanoid Robot	Public Affairs Officer Lori Meggs talks with Julia Badger, robotics engineer at the Johnson Space Center, about the ongoing demonstrations with Robonaut, the humanoid robot aboard the International Space Station. Robonaut was designed to perform simple, repetitive or even dangerous crew tasks. Learn more about Robonaut: www.nasa.gov/robonaut	Transcript Link
2013 09 06	NASA Johnson	https://youtu.be/dtKJKfViQUU	Expedition 37 38 Visits Red Square	Expedition 37/38 Soyuz Commander Oleg Kotov and Flight Engineer Sergey Ryazanskiy of the Russian Federal Space Agency (Roscosmos), NASA Flight Engineer Michael Hopkins and their backups, Alexander Skvortsov and Oleg Artemyev of Roscosmos and Steve Swanson of NASA participated in traditional ceremonies at Red Square in Moscow, laying flowers at the Kremlin Wall and touring the Kremlin as they paid tribute to iconic Russian space heroes. Kotov, Hopkins and Ryazanskiy are scheduled to launch to the International Space Station on Sept. 26, Kazakh time.	Transcript Link
2013 09 06	NASA Johnson	https://youtu.be/iyyBbv3wkkI	Space Station Live Advanced Colloids Experiment-M-1	Public Affairs Officer Kelly Humphries interviews Matthew Lynch, Principal Investigator for the Advanced Colloids Experiment-M-1 (ACE-M-1). The experiment studies microscopic particles evenly dispersed in a liquid which helps keep products and materials stable. Research benefits include enhancing the ability to produce, store, and manipulate materials on Earth. For more information please visit... http://go.nasa.gov/19pXgiQ	Transcript Link
2013 09 06	NASA Johnson	https://youtu.be/hDnoICrziVI	Space Station Live Sept. 6, 2013	The Space Station Live recap video for Sept. 6, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 09 05	NASA Johnson	https://youtu.be/kPYdkTLqm6Q	Orbital Sciences Cygnus Demonstration Flight Animation	This animation shows the launch of the Orbital Sciences Cygnus cargo ship and its rendezvous with the International Space Station. Read more about Orbital Sciences' participation in NASA's Commercial Orbital Transportation Services here: www.nasa.gov/orbital	Transcript Link
2013 09 05	NASA Johnson	https://youtu.be/2tIPi8nik3c	Space Station Live Sept. 5, 2013	The Space Station Live recap video for Sept. 5, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 05	NASA Johnson	https://youtu.be/cfCTb7m_jrA	Orbital Sciences Cygnus Demonstration Mission	This video shows highlights of the Orbital Sciences A-ONE launch mission on April 21, 2013 and the preparations for the Sept. 17 launch of Cygnus on its first demonstration flight to the International Space Station. Read more about Orbital Sciences' participation in NASA's Commercial Orbital Transportation Services here: www.nasa.gov/orbital	Transcript Link
2013 09 05	NASA Johnson	https://youtu.be/otwdUaIRg_Q	Conversations with Astronaut Karen Nyberg on... Family	NASA astronaut Karen Nyberg discusses her family and how she plans to stay in touch with her husband and young son while she lives on the International Space Station. This video is part of a special series developed from Nyberg's preflight conversations with fellow NASA astronaut Cady Coleman. Nyberg launched to space on May 28 as the Expedition 36 Flight Engineer.	Transcript Link

2013 09 04	NASA Johnson	https://youtu.be/qYSPDnlpMeI	Space Station Live Sept. 4, 2013	The Space Station Live recap video for Sept. 5, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 09 04	NASA Johnson	https://youtu.be/LkrZJedU7yA	New Station Trio Begins Qualification Exams for Soyuz Launch	At the Gagarin Cosmonaut Training Center in Star City, Russia, the Expedition 37/38 prime crew members begin a round of qualification exams for their launch to the International Space Station later this month. NASA astronaut Mike Hopkins, Soyuz Commander Oleg Kotov and Flight Engineer Sergey Ryazanskiy are in the final weeks of training for their scheduled launch in their Soyuz TMA-10M spacecraft from the Baikonur Cosmodrome in Kazakhstan on Sept. 25 (Sept. 26, Kazakhstan time).	Transcript Link
2013 09 03	NASA Johnson	https://youtu.be/haR1PHgnI5U	Space Station Live Flight Director Talks Spacesuit Troubleshooting	NASA Public Affairs Officer Kelly Humphries talks with Flight Director Dina Contella about the troubleshooting efforts on the spacesuit astronaut Luca Parmitano wore during a July 16 spacewalk that was cut short when the helmet began to fill with water. Over the weekend aboard the International Space Station, NASA astronauts Chris Cassidy and Karen Nyberg spent about seven hours replacing components and checking out the suit. Contella also discusses the departure preparations for the Japanese H-II Transfer Vehicle, which is set to be unberthed from the station by the Canadarm2 robotic arm on Wednesday.	Transcript Link
2013 09 03	NASA Johnson	https://youtu.be/NOVgH-2s2HU	Space Station Live Sept. 3, 2013	The Space Station Live recap video for Sept. 3, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 08 30	NASA Johnson	https://youtu.be/CEHE-lQXN60	This is JSC Athletics	"This is JSC" is a satirical series created by students at NASA Johnson Space Center. This volunteer outreach project showcases different projects and features unique to JSC. For students interested in NASA Johnson Space Center: Facebook: https://www.facebook.com/NASA.JSC.Students Twitter: https://twitter.com/NASAJSCStudents Pathways Programs: http://pathways.jsc.nasa.gov/index.html Internship, Fellowship, and Scholarship Opportunities: https://intern.nasa.gov/ossi/web/public/main/	Transcript Link
2013 08 30	NASA Johnson	https://youtu.be/AET08T06Emg	Space Station Live Aug. 30, 2013	The Space Station Live recap video for the week ending Aug. 30, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 30	NASA Johnson	https://youtu.be/42LJE94Ucbk	Train Like an Astronaut-Aerobic vs. Anaerobic activity	Ever wonder what the difference between aerobic and anaerobic exercise is or how both types of activities work synergistically to form a well-rounded training regimen? Astronaut Mike Hopkins gives you a glimpse into his work out routines and how he integrates aerobic and anaerobic movements to maintain a healthy body not only on Earth but also in preparation for a challenging space mission. Visit and Like the Train Like an Astronaut Facebook page for more fitness videos and content: http://www.facebook.com/trainastronaut	Transcript Link
2013 08 29	NASA Johnson	https://youtu.be/d-OqseqoxJs	Astronaut Nicole Stott Talks With Texas Students	From NASA's International Space Station Mission Control Center, NASA astronaut Nicole Stott participates in a Digital Learning Network (DLN) event with students at McWhirter Elementary School in Webster, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link

2013 08 29	NASA Johnson	https://youtu.be/ilQYJT44Dm8	Take a Peek Inside the New Mission Control Houston	Mission Control team member Bill Foster talks with NASA Public Affairs Officer Josh Byerly about the enhancements and changes being made to Mission Control Houston. The former control room for the space shuttle has been undergoing a remodel to prepare it for the Orion flights, and it has a new look and feel. Foster talks about the upgrades and what's ahead for the space station control room as well.	Transcript Link
2013 08 29	NASA Johnson	https://youtu.be/rJxZCaACoFA	Space Station Live Aug. 29, 2013	The Space Station Live recap video for Aug. 29, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 28	NASA Johnson	https://youtu.be/tl2C_JbPPXE	Space Station Live Cardiovascular Health in Space	NASA Public Affairs Officer Lori Meggs talks with Michael Bungo, co-investigator for the Integrated Cardiovascular experiment taking place aboard the International Space Station. The Integrated Cardiovascular experiment is studying heart mass and rhythms to glean information about cardiac atrophy, or the decrease in the size of the heart muscle that seems to develop during long-duration spaceflight.	Transcript Link
2013 08 28	NASA Johnson	https://youtu.be/l8DHqM1iTFs	Meet the Expedition 38 39 Crew	NASA astronaut Rick Mastracchio, Japan Aerospace Exploration Agency astronaut Koichi Wakata and Russian cosmonaut Mikhail Tyurin will launch aboard a Soyuz spacecraft in November 2013 to begin a 6-month mission aboard the International Space Station.	Transcript Link

2013 08 28	NASA Johnson	https://youtu.be/9waMolhMTSc	Astronaut Ron Garan Shows Off Favorite Earth Photos From Space	Astronaut Ron Garan, who was part of Expeditions 27 and 28 aboard the International Space Station, talks with NASA Public Affairs Officer Josh Byerly about some of the photos he took. Included are "earth glow" above Australia, space shuttle Atlantis, fires over Southern Africa, Hurricane Irene and parts of Libya. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 28	NASA Johnson	https://youtu.be/sLXs5mL_Hw4	Space Station Live Hyperspectral Imager for the Coastal Ocean	Rick Gould of the Naval Research Laboratory joins NASA Public Affairs Officer Lori Meggs for a discussion of HICO, the Hyperspectral Imager for the Coastal Ocean. The HICO instrument aboard the International Space Station records highly detailed images of various environments on Earth for research, support and management. Scientists can use information from HICO to detail the biological and chemical signatures of aquatic and terrestrial materials.	Transcript Link
2013 08 28	NASA Johnson	https://youtu.be/xd1kEVo7By0	Space Station Live Aug. 28, 2013	The Space Station Live recap video for Aug. 28, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 27	NASA Johnson	https://youtu.be/_LU60dA7gLg	Station Crew Recreates Spacesuit Leak	The Space Station Live recap video for Aug. 27, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 08 26	NASA Johnson	https://youtu.be/HyAViCNklSk	Preparing America for Deep Space Exploration Episode 3	NASA's Orion, Space Launch System and Ground Systems Development and Operations programs continued to make progress towards sending humans beyond Earth's orbit during the past quarter.	Transcript Link
2013 08 26	NASA Johnson	https://youtu.be/ICEny-IP-iI	Space Station Live Aug. 26, 2013	The Space Station Live recap video for Aug. 26, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 23	NASA Johnson	https://youtu.be/0k9E42YWq5g	Search On for Climate Clues Across Southern U.S. Skies	NASA's DC-8 flying laboratory and high-altitude ER-2 aircraft began flights Aug. 12 from Houston's Ellington Field to investigate how the combination of summer storms and rising air pollution from wildfires, cities and other sources can change our climate. Hoping to improve future predictions of climate change, scientists in the NASA study are using the skies mainly over the southern United States as a natural laboratory this month and into September. The ambitious airborne science campaign is called SEAC4RS, which stands for the Studies of Emissions, Atmospheric Composition, Clouds and Climate Coupling by Regional Surveys. For more information, visit: http://www.nasa.gov/seac4rs	Transcript Link
2013 08 23	NASA Johnson	https://youtu.be/L09oA_8mzY0	Space Station Live, Aug. 23, 2013	The Space Station Live recap video for the week ending Aug. 23, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 08 22	NASA Johnson	https://youtu.be/9Q3UfwiN1dA	Train Like an Astronaut-Warm-Ups and Cool-Downs	Yes, even astronauts warm-up and stretch as part of a healthy physical fitness program and an effective space training program. Find out how astronaut Mike Hopkins gets ready for his training sessions and the importance of warm-ups and cool-downs in his program. Visit and Like the Train Like an Astronaut Facebook page for more fitness videos and content: http://www.facebook.com/trainastronaut	Transcript Link
2013 08 22	NASA Johnson	https://youtu.be/eYoLlAOEDUo	This is JSC Z1 Spacesuit	"This is JSC" is a satirical series created by students at NASA Johnson Space Center. This volunteer outreach project showcases different projects and features unique to JSC. For more on Z1 Spacesuit: http://www.youtube.com/watch?v=-tDuwIu_b9g http://www.youtube.com/watch?v=d__xlXqYFZc http://www.youtube.com/watch?v=MH93FSS8ZOQ For students interested in NASA Johnson Space Center: Facebook: https://www.facebook.com/NASA.JSC.Students Twitter: https://twitter.com/NASAJSCStudents Pathways Programs: http://pathways.jsc.nasa.gov/index.html Internship, Fellowship, and Scholarship Opportunities: https://intern.nasa.gov/ossi/web/public/main/	Transcript Link
2013 08 21	NASA Johnson	https://youtu.be/A8tnDRWJNv4	Space Station Live Aug. 21, 2013	The Space Station Live recap video for Aug. 21, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 20	NASA Johnson	https://youtu.be/9AvAZuo2yw0	Biweekly ISS Research Update - Aug. 5, 2013	Biweekly ISS research video update for Aug. 5, 2013.	Transcript Link

2013 08 20	NASA Johnson	https://youtu.be/nlq_jU-yUgs	Biweekly ISS Research Update - July 18, 2013	Biweekly ISS research video update for July 18, 2013.	Transcript Link
2013 08 20	NASA Johnson	https://youtu.be/VnB5IkbSUjs	Biweekly ISS Research Update - June 17, 2013	Biweekly ISS research video update for June 17, 2013.	Transcript Link
2013 08 20	NASA Johnson	https://youtu.be/wbkVBH6AvSI	Biweekly ISS Research Update - May 14, 2013	Biweekly ISS research video update for May 14, 2013.	Transcript Link
2013 08 20	NASA Johnson	https://youtu.be/pfoVLrhkCXc	Biweekly ISS Research Update - April 9, 2013	Biweekly ISS research video update for April 9, 2013.	Transcript Link

2013 08 20	NASA Johnson	https://youtu.be/9BPs5r26sUA	Biweekly ISS Research Update - March 8, 2013	Biweekly ISS research video update for March 8, 2013.	Transcript Link
2013 08 20	NASA Johnson	https://youtu.be/3Cd6CtgbfZk	Biweekly ISS Research Update - Feb. 12, 2013	Biweekly ISS research video update for Feb. 12, 2013.	Transcript Link
2013 08 20	NASA Johnson	https://youtu.be/KEza7pgo7dA	A New Generation of Astronauts	Behind every spacesuit is an astronaut. They carry our hopes, our dreams, our curiosity. A new generation of astronauts. New missions and challenges await. Building upon a legacy. The Astronauts. For more information, visit: http://www.nasa.gov/2013astroclass	Transcript Link
2013 08 19	NASA Johnson	https://youtu.be/PVxaL8CAO4M	This is JSC Tom Marshburn	"This is JSC" is a satirical series created by students at NASA Johnson Space Center. This volunteer outreach project showcases different projects and features unique to JSC. For more on NASA astronauts: http://www.nasa.gov/astronauts/ For more on Thomas H. Marshburn: http://www.jsc.nasa.gov/Bios/htmlbios/marshburn-th.html Tom on social media: Twitter: https://twitter.com/AstroMarshburn For students interested in NASA Johnson Space Center: Facebook: https://www.facebook.com/NASA.JSC.Students Twitter: https://twitter.com/NASAJSCStudents	Transcript Link

2013 08 19	NASA Johnson	https://youtu.be/ObKgzmmUMsc	Unidentified object floating outside station Sort of...	On the morning of August 19, NASA astronaut Chris Cassidy noticed an unidentified object floating outside the space station, near the Progress cargo vehicle. He called down to Mission Control Houston and took some video of it. Was it a UFO? Not really...Russian ground controllers identified it as an antenna cover from the Zvezda service module.	Transcript Link
2013 08 19	NASA Johnson	https://youtu.be/ot4c3p-Yp-Q	Space Station Live Aug. 19, 2013	The Space Station Live recap video for Aug. 19, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 19	NASA Johnson	https://youtu.be/2ECHJkDUy84	Cygnus Readies for Flight to the Station	Orbital Sciences' Cygnus cargo craft is bound for the International Space Station on a test flight. This flight will prove Cygnus' ability to rendezvous with the station and be captured by the crew on board. Once this is completed, the Cygnus will join the station's current fleet of cargo vehicles delivering supplies to the crew in space. This test flight is also the final set of milestones as part of NASA's Commercial Orbital Transportation Services (COTS) program.	Transcript Link
2013 08 15	NASA Johnson	https://youtu.be/-BpXzBzKfPw	This is JSC MMSEV	"This is JSC" is a satirical series created by students at NASA Johnson Space Center. This volunteer outreach project showcases different projects and features unique to JSC. For more on NASA's Multi-Mission Space Exploration Vehicle (MMSEV): http://www.nasa.gov/exploration/technology/space_exploration_vehicle/ For students interested in NASA Johnson Space Center: Facebook: https://www.facebook.com/NASA.JSC.Students Twitter: https://twitter.com/NASAJSCStudents Pathways Programs: http://pathways.jsc.nasa.gov/index.html Internship, Fellowship, and Scholarship Opportunities: https://intern.nasa.gov/ossi/web/public/main/	Transcript Link

2013 08 15	NASA Johnson	https://youtu.be/VzT-OhuZmL4	Space Station Live Aug. 15, 2013	The Space Station Live recap video for Aug. 15, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 14	NASA Johnson	https://youtu.be/IzeZIntoJHM	Robonaut Taking Air Flow Readings	"Using a device known as a velocity calculator (or velocicalc,) Robonaut takes air readings in front of a ventilation vent inside the Destiny Laboratory. Constant airflow is required to keep the breathing atmosphere safe for station astronauts and this monitoring is part of the routine maintenance to ensure the air revitalization system is functioning properly."	Transcript Link
2013 08 14	NASA Johnson	https://youtu.be/BU1ePn18vjs	Robonaut Task Board Demonstration	"Robonaut interacts with Taskboard A, a test bed demonstrating typical interfaces found onboard the International Space Station."	Transcript Link
2013 08 14	NASA Johnson	https://youtu.be/iCsPThke73I	Robonaut Tele-Ops With Station Crew Members	"Station crew members don special virtual reality gear to take control of Robonaut. They are able to demonstrate dexterous tasks such as passing tools back and forth, with the robot mimicking the astronaut's movements with a high degree of accuracy."	Transcript Link

2013 08 14	NASA Johnson	https://youtu.be/I_-NyvV96zY	Robonaut Demonstrating Hand Rail Cleanings	"Robonaut practices cleaning a hand rail with a common wipe. These handholds are found all throughout the International Space Station and are the astronauts primary way of maneuvering around their environment. Cleaning and disinfecting these hand rails is a routine task required of astronauts in order to maintain a healthy work environment."	Transcript Link
2013 08 14	NASA Johnson	https://youtu.be/U0uh-4Hp1FA	Space Station Live HUNCH Provides Engineering Opportunities for Students	NASA Public Affairs Officer Lori Meggs explores HUNCH (High Schools United with NASA to Create Hardware) with Bob Zeek, HUNCH co-founder and Mike Evans with the Huntsville Center for Technology	Transcript Link
2013 08 14	NASA Johnson	https://youtu.be/pqHVSKduVyM	Space Station Live Aug. 14, 2013	The Space Station Live recap video for Aug. 14, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 13	NASA Johnson	https://youtu.be/8SKJenRE4KY	Space Station Live August 13, 2013	The Space Station Live recap video for August 13, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 08 13	NASA Johnson	https://youtu.be/1SwFkg6wf0w	Russian EVA 34	EVA Specialist Devan Bolch discusses Russian EVA 34 and Flight Engineers Fyodor Yurchikhin and Alexander Misurkin who will begin Friday's spacewalk at 10:40 a.m. EDT. Their first task once they exit the Pirs docking compartment will be to deploy the Strela boom which is a portable, telescoping crane that can move gear and a spacewalker outside the station. They will use Strela to install connector panels and gap spanners outside the Zarya and Poisk modules. Yurchikhin and Misurkin will also install the Vinoslivost experiment panel on Poisk which exposes different materials to the space environment. After that they will route and secure power and Ethernet cables outside Zarya and Poisk. Before reentering the space station and if time allows, the duo will stow the Strela boom.	Transcript Link
2013 08 12	NASA Johnson	https://youtu.be/6YF12BCZR3E	Space Station Live Robotics Operations and Training	NASA Public Affairs Officer Nicole Cloutier-Lemasters talks with Robotics Officer Megan Levins about the robotics operations and training for the recent H-II Transfer Vehicle-4 grapple and berthing.	Transcript Link
2013 08 12	NASA Johnson	https://youtu.be/Uh-G1z8Tqs8	Space Station Live HTV-4 Robotics Operations	NASA Public Affairs Officer Nicole Cloutier talks with Quincy Harp, HTV-4 Robotics Mission Designer about the ongoing HTV-4 robotics operations taking place aboard the International Space Station.	Transcript Link
2013 08 12	NASA Johnson	https://youtu.be/OGWpFybh0kk	Space Station Live August 12, 2013	The Space Station Live recap video for August 12, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 08 08	NASA Johnson	https://youtu.be/6DuqojOjXfM	Spacesuit Engineer Talks Spaceflight With Students	From NASA's International Space Station Mission Control Center, NASA spacesuit engineer Heather Paul participates in a Digital Learning Network (DLN) event with students at the Durango Discovery Museum in Durango, Colo. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 08 08	NASA Johnson	https://youtu.be/f_dcbh2r5vI	Train Like an Astronaut -- CEVIS	Visit and Like the Train Like an Astronaut Facebook page for more fitness videos and content: http://www.facebook.com/trainastronaut Cycle Ergometer with Vibration Isolation and Stabilization System (CEVIS), essentially a recumbent bicycle, provides aerobic exercise and is intended as a countermeasure for the harmful physiological effects of exposure to microgravity that are anticipated during stays on the ISS. CEVIS is utilized as part of the crew members weekly exercise schedule. It also has the capability to support International Space Station science activities, pre-breathe extravehicular activities, periodic fitness evaluations, and pre-landing fitness evaluations.	Transcript Link
2013 08 08	NASA Johnson	https://youtu.be/gWaOpDLZmOo	Space Station Live August 8, 2013	The Space Station Live recap video for August 8, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 07	NASA Johnson	https://youtu.be/uJNpJanM5Iw	Space Station Live Crew and Flight Controllers Get Ready for Japan's HTV-4	Public Affairs Officer Rob Navias interviews Flight Director Ed Van Cise about Friday's arrival of Japan's "Kounotori" H-II Transfer Vehicle-4 (HTV-4). From Mission Control Center, they discuss the launch, approach, rendezvous and finally the capture and installation of the Japanese space freighter. Expedition 36 Flight Engineers Karen Nyberg and Chris Cassidy will capture the HTV-4 with the Canadarm2 then install it on the Harmony node. Flight Engineer Luca Parmitano will assist the duo by monitoring the approaching cargo craft's systems.	Transcript Link

2013 08 07	NASA Johnson	https://youtu.be/zc0dyTWa3fU	Space Station Live August 7, 2013	The Space Station Live recap video for August 7, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 06	NASA Johnson	https://youtu.be/n-Ftq90zXW8	Space Station Live Capturing a Japanese Spacecraft with a Robotic Arm	Public Affairs Officer Rob Navias interviews astronaut Cady Coleman about the arrival of Japan's fourth resupply craft to the International Space Station. The H-II Transfer Vehicle (HTV-4) is scheduled to rendezvous with the space station Friday morning. Coleman describes the procedure to capture and berth the Japanese cargo craft. The Canadarm2 is used to reach out and grapple the HTV-4 and then install it on the Harmony node. She captured Japan's second H-II Transport Vehicle, the HTV-2, using the Canadarm2 in January 2011. Expedition 36 Flight Engineers Karen Nyberg and Chris Cassidy will be the robotic arm controllers inside the cupola when the HTV-4 catches up to the station on Friday. European astronaut and Flight Engineer Luca Parmitano will assist the duo by monitoring the approaching cargo craft's systems.	Transcript Link
2013 08 06	NASA Johnson	https://youtu.be/ib9z-70mPUg	Space Station Live August 6, 2013	The Space Station Live recap video for August 6, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 05	NASA Johnson	https://youtu.be/uzXaI0VEINU	Space Station Live August 5, 2013	The Space Station Live recap video for August 5, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 08 02	NASA Johnson	https://youtu.be/P6w6hFwH7Rw	Space Station Live Aug. 2, 2013	The Space Station Live recap video for Aug. 2, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 08 01	NASA Johnson	https://youtu.be/ZfcAt7hpOls	Train Like an Astronaut -- Treadmill	Do you want to train like an astronaut? Like the Mission X: Train Like An Astronaut Facebook page (https://www.facebook.com/trainastronaut) to follow astronauts as they train for upcoming missions. In space, astronauts experience muscle, bone, and cardiovascular tissue loss. Exercise is one of the primary methods used to counteract the effects of the lack of gravity. Astronauts use a specially designed treadmill called the T2/COLBERT aboard the International Space Station. In addition to cardiovascular fitness, T2 helps maintain bone density.	Transcript Link
2013 08 01	NASA Johnson	https://youtu.be/tyt9RwLsJrM	This is JSC Robonaut	"This is JSC" is a satirical series created by students at NASA Johnson Space Center. This volunteer outreach project showcases different projects and features unique to JSC. For more on Robonaut: http://robonaut.jsc.nasa.gov/default.asp Robonaut on social media: Facebook: https://www.facebook.com/NASArobonaut Twitter: https://twitter.com/AstroRobonaut Flickr: http://www.flickr.com/photos/nasarobonaut/ For students interested in NASA Johnson Space Center: Facebook: https://www.facebook.com/NASA.JSC.Students Twitter: https://twitter.com/NASAJSCStudents	Transcript Link
2013 08 01	NASA Johnson	https://youtu.be/UBrxHE9Snp8	Moving Kidney Stones With Ultrasound	NASA's Josh Byerly talks with a team of scientists from the University of Washington who are hoping to test a new type of ultrasound on board the International Space Station -- one that would be able to move kidney stones using ultrasonic pulses instead of invasive surgery. This has direct applications not only for astronauts, but right here on Earth.	Transcript Link

2013 08 01	NASA Johnson	https://youtu.be/guPixkNsE6M	Creating an MRI That Could Fit in Your Palm	MRI machines typically are large and take up a lot of space, which makes them not so practical if they ever needed to be used in remote areas like in the battlefield or even in space. But scientists are working to reduce these size of these machines to where they could fit in the palm of your hand, and they may one day test them on board the International Space Station. NASA's Josh Byerly talks with the scientists behind this technology.	Transcript Link
2013 08 01	NASA Johnson	https://youtu.be/pJQMf2bsuZ0	Space Station Live August 1, 2013	The Space Station Live recap video for August 1, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 31	NASA Johnson	https://youtu.be/0DzusB4Dc5w	Space Station Live July 31, 2013	The Space Station Live recap video for July 31, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 31	NASA Johnson	https://youtu.be/zpJ3HLEPzGo	Astronaut Chris Cassidy Shows Off Faulty Spacesuit (Part 2)	Aboard the International Space Station, NASA astronaut Chris Cassidy discussed the ongoing efforts to solve a problem with crewmate Luca Parmitano's spacesuit during a downlink video July 30. Cassidy demonstrated the suit and discussed some of the troubleshooting activities to identify the problem that caused water intrusion in Parmitano's helmet during a spacewalk conducted by the two astronauts on July 16.	Transcript Link

2013 07 30	NASA Johnson	https://youtu.be/nmWbm9ab4n4	From Skylab to Station Out of This World Science	Skylab was America's first space station, taking scientific research to new heights and proving humankind could live and work in space for long periods of time. Skylab set the stage for the work conducted today on the International Space Station, where scientists use more advanced technology, a foundation of knowledge and more time to conduct experiments in space, free from Earth's gravity. This work can be applied to benefit humankind both on Earth and in space, as we prepare to explore deeper into our solar system.	Transcript Link
2013 07 30	NASA Johnson	https://youtu.be/QZl0Cpkb514	Space Station Live July 30, 2013	The Space Station Live recap video for July 30, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 30	NASA Johnson	https://youtu.be/vfw_5NDWWto	Astronaut Chris Cassidy Shows Off Faulty Spacesuit (Part 1)	Aboard the International Space Station, NASA astronaut Chris Cassidy discussed the ongoing efforts to solve a problem with crewmate Luca Parmitano's spacesuit during a downlink video July 30. Cassidy demonstrated the suit and discussed some of the troubleshooting activities to identify the problem that caused water intrusion in Parmitano's helmet during a spacewalk conducted by the two astronauts on July 16.	Transcript Link
2013 07 29	NASA Johnson	https://youtu.be/FVjQlOF1inE	Space Station Live July 29, 2013	The Space Station Live recap video for July 29, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 07 27	NASA Johnson	https://youtu.be/tpjnujB2DG4	ISS Progress 52 Cargo Craft Launches To Station	An unpiloted Russian cargo ship carrying nearly three tons of supplies for the Expedition 36 crew launched from the Baikonur Cosmodrome in Kazakhstan at 4:45 p.m. EDT Saturday, July 27 (2:45 a.m. Sunday Kazakhstan time) on an accelerated, four-orbit journey to rendezvous with the International Space Station.	Transcript Link
2013 07 26	NASA Johnson	https://youtu.be/EK6fPDciow8	Space Station Live July 26, 2013	The Space Station Live recap video for the week of July 22-26, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 26	NASA Johnson	https://youtu.be/He7jAP_bco8	Space Station Live Surface Telerobotics	Space Station Live commentator Pat Ryan talks with Maria Bualat, the payload developer for the Surface Telerobotics engineering test at NASA's Ames Research Center in Moffett Field, California. Recently, astronaut Luca Parmitano, an Expedition 36 flight engineer aboard the International Space Station, remotely commanded a rover located at Ames' Roverscape, an outdoor robotic test area, for this experiment to test new robots, modes of control and operational concepts.	Transcript Link
2013 07 25	NASA Johnson	https://youtu.be/9GeKpr5SQ5E	Space Station Live July 25, 2013	The Space Station Live recap video for July 25, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 07 24	NASA Johnson	https://youtu.be/-PMm1ksT9fU	Orion Parachutes Pass the Test	A test version of the Orion capsule descends on two parachutes after being dropped from a C-17 35,000 feet above the Arizona desert on Wednesday, July 24. The third of its three main parachutes was cut away early in the test to simulate a failure. The results allowed engineers to verify that if such a failure were to occur, the failed parachute wouldn't interfere with the remaining two. The cut away parachute is briefly visible in the video, floating alone near the top of the screen, as is an additional parachute carrying the sled that Orion rode out of the plane. It can be briefly spotted on the right side of the screen. This was the highest-altitude test of a human spacecraft parachute since NASA's Apollo Program.	Transcript Link
2013 07 24	NASA Johnson	https://youtu.be/7oBvNxbTF28	Train Like an Astronaut -- ARED	In space, the Advanced Resistive Exercise Device (ARED) is the astronauts' weight lifting machine. Resistance exercises are important for astronauts to aid in the maintenance of muscle strength & endurance and bone mineral density. The on-orbit exercises are designed to target the lower extremities, areas in the body that experience accelerated losses in muscle and bone during spaceflight. The exercises done in space to help reduce muscle and bone loss include: squats, deadlifts and presses.	Transcript Link
2013 07 24	NASA Johnson	https://youtu.be/lO-mvyXAZMw	Space Station Live Investigating Cosmic Rays	NASA Public Affairs Officer Lori Meggs talks with Roy Young, lead systems engineer, about the Extreme Universe Space Observatory that will investigate high-energy cosmic rays by recording the extensive air showers they create in Earth's atmosphere.	Transcript Link
2013 07 24	NASA Johnson	https://youtu.be/k4EX9QI96MI	Space Station Live July 24, 2013	The Space Station Live recap video for July 24, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 07 23	NASA Johnson	https://youtu.be/EIFlWph2eF0	Space Station Live July 23, 2013	The Space Station Live recap video for July 23, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 22	NASA Johnson	https://youtu.be/_D1utxIPNps	Space Station Live July 22, 2013	The Space Station Live recap video for July 22, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 19	NASA Johnson	https://youtu.be/qVFBNVCU2XU	Space Station Live July 19, 2013	The Space Station Live recap video for July 19, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 07 18	NASA Johnson	https://youtu.be/xGUg5h7NrDc	NASA Pathways Student Experience	NASA Pathways Student Experience is a video project created by the students at NASA's Johnson Space Center. It was created as an outreach initiative to not only excite college students to apply to the Pathways Intern Employment Program, but to showcase the amazing opportunities, experiences and people that make Johnson Space Center one-of-a-kind. It's difficult to encapsulate our entire experience into just a few words, but we hope the ones we've chosen allow you a glimpse of our lives here at the Johnson Space Center. Learn more about NASA: http://www.nasa.gov Learn more about the International Space Station: http://www.nasa.gov/station Sign up to get space station sighting information sent to you: http://spotthestation.nasa.gov To find out more about the Pathways Intern Employment Program at JSC: http://pathways.jsc.nasa.gov/index.html Learn more about current JSC Pathways students: http://www.facebook.com/NASA.JSC.Students http://www.twitter.com/nasajscstudents To find out about all student opportunities: http://www.nasa.gov/offices/education/centers/johnson/student-internships/index.html	Transcript Link
2013 07 18	NASA Johnson	https://youtu.be/G8ljIUCFQHw	Space Station Live July 18, 2013	The Space Station Live recap video for July 15, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 17	NASA Johnson	https://youtu.be/rc1yrLSYNhM	Meet the Expedition 37 38 Crew	NASA astronaut Mike Hopkins and Russian cosmonauts Oleg Kotov and Sergey Ryzansky will launch aboard a Soyuz spacecraft in September 2013 to begin a 6-month mission aboard the International Space Station.	Transcript Link

2013 07 17	NASA Johnson	https://youtu.be/vtRMX3-NQE0	Mark Guilliams Speaks with Students at the Museum of Flight	From NASA's International Space Station Mission Control Center, Lead Astronaut Strength and Rehabilitation Trainer Mark Guilliams participates in a Digital Learning Network (DLN) event with students gathered at the Museum of Flight in Seattle. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 07 17	NASA Johnson	https://youtu.be/F7pqBREyx5w	Space Station Live Astronaut Fitness and Excersise on the Station	NASA Public Affairs Officer Kelly Humphries talks with Mark Guilliams, Lead Strength and Rehabilitation Trainer for astronauts aboard the International Space Station.	Transcript Link
2013 07 17	NASA Johnson	https://youtu.be/bihEqYeZoVs	Space Station Live Capilary Channel Flow Experiment	NASA Public Affairs Officer Lori Meggs talks with Capilary Channel Flow experiment Investigator Max Bronowicki of the University of Bremen in Germany about the research currently being conducted aboard the International Space Station.	Transcript Link
2013 07 17	NASA Johnson	https://youtu.be/mFJhg6bioNY	Space Station Live July 17, 2013	The Space Station Live recap video for July 15, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 07 17	NASA Johnson	https://youtu.be/D-uwbNFcEX4	Train Like An Astronaut, Train Like Mike Kick-Off	Ever wondered what it takes to be an astronaut? NASA astronaut Mike Hopkins can tell you one major component is being healthy and fit. Now is your chance to learn more about astronaut fitness and training! He and his "Train Like An Astronaut" support team will be posting updates regularly -- including his workout videos from space and fitness tips from astronaut trainers. Anyone can follow along. Participation is easy and open to those of all ages. To get involved and "Train Like An Astronaut," visit us on Facebook: http://www.facebook.com/trainastronaut Share your photos, messages and workouts too. Who knows -- he may even read them from space!	Transcript Link
2013 07 17	NASA Johnson	https://youtu.be/4ep8WEQ_tRo	Orion's Heat Shield Takes Shape	Technicians at Textron Defense Systems near Boston are applying Avcoat ablator material to some 330,000 cells of a honeycomb on the heat shield of NASA's new Orion spacecraft. To ensure that each cell is filled correctly, they are individually X-rayed and a robot is used to machine the material, sanding off fractions of an inch so that the heat shield matches Orion's precise plans.	Transcript Link
2013 07 15	NASA Johnson	https://youtu.be/LfeGXq945CM	Space Station Live July 15, 2013	The Space Station Live recap video for July 15, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 12	NASA Johnson	https://youtu.be/pRpHY-Ufea0	Space Station Live July 12, 2013	The Space Station Live recap video for the week of July 8-12, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 07 12	NASA Johnson	https://youtu.be/uIjNfZbUYu8	Karen Nyberg Shows How You Wash Hair in Space	There are many challenges associated with living on the International Space Station. Things that are easy to do on Earth where there is gravity can be difficult in space, for astronauts have been living for more than a decade aboard the space station and have developed a few tricks that make these everyday tasks easier. Expedition 36 Flight Engineer Karen Nyberg shows how she washes and rinses her hair in microgravity aboard the International Space Station For more about the softer side of space, visit: http://www.nasa.gov/mission_pages/station/expeditions/expedition36/nyberg_profile.html Follow Nyberg on social media at: https://twitter.com/AstroKarenN or @AstroKarenN http://pinterest.com/knyberg/ https://www.facebook.com/AstronautKarenNyberg HD download link: https://archive.org/details/NybergShampoo	Transcript Link
2013 07 11	NASA Johnson	https://youtu.be/hiFFAElkpz0	Astronaut Dottie Metcalf-Lindenburger Talks With WISH Aerospace Scholars	From NASA's International Space Station Mission Control Center, NASA astronaut Dottie Metcalf-Lindenburger participates in a Digital Learning Network (DLN) event with Women in STEM High School (WISH) Aerospace Scholars gathered at Johnson Space Center. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 07 11	NASA Johnson	https://youtu.be/5ab3hnvPzQU	Space Station Live July 11, 2013	The Space Station Live recap video for July 10, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 07 10	NASA Johnson	https://youtu.be/BfRHSVGQMO8	Space Station Live July 10, 2013	The Space Station Live recap video for July 10, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 10	NASA Johnson	https://youtu.be/In-oW5cbuG8	Space Station Live Monitoring Earth Disasters From Station	Public Affairs Officer Lori Meggs talks with Burgess Howell, principal investigator for ISS SERVIR Environmental Research and Visualization System (ISERV), an experimental camera designed to gain experience in automated data acquisition and provide images for disaster monitoring and assessment.	Transcript Link
2013 07 08	NASA Johnson	https://youtu.be/8jGzrshlX5A	Space Station Live Spacewalk Robotics	Canadian Space Agency robotics officer Laura Lucier talks with Kyle Herring, NASA Public Affairs Officer, about the robotic activities planned during the July 9, 2013, spacewalk conducted by Flight Engineers Luca Parmitano and Chris Cassidy. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. For more information on science and operations aboard the station, visit http://www.nasa.gov/station.	Transcript Link
2013 07 08	NASA Johnson	https://youtu.be/kx1dHPrBpt0	Space Station Live July 8, 2013	The Space Station Live recap video for July 8, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 07 03	NASA Johnson	https://youtu.be/UE0J6oyinf8	Space Station Live July 3, 2013	The Space Station Live recap video for July 3, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 02	NASA Johnson	https://youtu.be/3lHnD4dBTiQ	Space Station Live July 2, 2013	The Space Station Live recap video for July 2, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 07 01	NASA Johnson	https://youtu.be/K82fCFqnLBk	Space Station Live Controlling a Robot on Earth From Space	Public Affairs Officer Lori Meggs speaks with Payload Developer Maria Bualat about the Surface Telerobotics experiment. From onboard the International Space Station a crew member tests remotely operating a robot on Earth. Read more about Surface Telerobotics... http://www.nasa.gov/mission_pages/station/research/experiments/945.html Results from the study may enable future crew members orbiting Mars or the moon to operate an exploration rover on the surface. Meanwhile, scientists are learning how to deal with technological hurdles such as communication, usability and situational awareness. Scientists also want to understand how a crew member controls and determines what the robot is doing. Researchers are using a small robot at Ames Research Center with familiar technologies from previous analog missions in places such as Antarctica and the deserts of California and Arizona. The new technology is actually the crew interface with the robot since the hardware is on the ground and the software is orbiting the Earth on the space station. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link

2013 07 01	NASA Johnson	https://youtu.be/Yu-agCGK4AM	Space Station Live July 1, 2013	The Space Station Live recap video for the week of July 1, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 06 28	NASA Johnson	https://youtu.be/gE67dysO3Mc	WISH Aerospace Scholars Learn About Station Science, Careers	From NASA's International Space Station Mission Control Center, Amelia Rai, Scientific Communications Analyst, participates in a Digital Learning Network (DLN) event with Women in STEM High School (WISH) Aerospace Scholars gathered at Johnson Space Center. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 06 28	NASA Johnson	https://youtu.be/TDEXHJSqeao	Space Station Live June 28, 2013	The Space Station Live recap video for the week of June 24-28, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 06 27	NASA Johnson	https://youtu.be/QPrtioA8ENs	Space Station Live A Talk with Peggy Whitson	NASA Public Affairs Officer Josh Byerly talks with astronaut Peggy Whitson about her background in biology and chemistry, and her achievement of being the first female commander of the International Space Station during Expedition 16. Whitson also discusses the prospect of flying in space again. For Whitson's full bio: http://www.jsc.nasa.gov/Bios/htmlbios/whitson.html	Transcript Link

2013 06 27	NASA Johnson	https://youtu.be/KOxiZ3FV3v4	Space Station Live Huntsville Unveils New Science Control Room	Marshall Space Flight Center's Lori Meggs shows off the new Payload Operations Integration Center in Huntsville, Ala., which helps monitor and control the science payloads aboard the International Space Station.	Transcript Link
2013 06 27	NASA Johnson	https://youtu.be/CbS_P_r6FEs	Space Station Live June 27, 2013	The Space Station Live video recap for June 27, 2013.	Transcript Link
2013 06 27	NASA Johnson	https://youtu.be/XHyMDv98e5s	Space Station Live Liz Warren Talks Women in Science	NASA Public Affairs Officer Josh Byerly talks with Space Station Scientist Liz Warren about her background and thoughts on the anniversary of Valentina Tereshkova's and Sally Ride's flights. Warren was inspired by both of those space fliers, which led her to a career in space science and studying the effects of space on the human body.	Transcript Link
2013 06 27	NASA Johnson	https://youtu.be/Uw5jCvDOT6s	Space Station Live A Talk With Pam Melroy	Former astronaut Pam Melroy chats with NASA Public Affairs Officer Josh Byerly about what she has been doing since leaving NASA. Melroy was only the second female commander of a space shuttle in NASA history, and she talks about her background in science and the military and what led her to become an astronaut. Melroy also reflects on the significance of Valentina Tereshkova and Sally Ride.	Transcript Link

2013 06 26	NASA Johnson	https://youtu.be/8hknLY6dHwU	Space Station Live June 26, 2013	The Space Station Live recap video for June 26, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 26	NASA Johnson	https://youtu.be/PojPkuThNmI	Space Station Live Camille Alleyne Talks Women in Science	Dr. Camille Wardrop Alleyne, Assistant ISS Program Scientist, joins NASA Public Affairs Officer Josh Byerly in the International Space Station Flight Control Room for a discussion of women in science and spaceflight. Alleyne also provides an overview of some of her favorite experiments taking place aboard the orbiting laboratory.	Transcript Link
2013 06 25	NASA Johnson	https://youtu.be/BOqkhbD9kaY	Space Station Live June 25, 2013	The Space Station Live recap video for June 25, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 24	NASA Johnson	https://youtu.be/iNyh2HQ9-RM	Preview of June 24 Spacewalk	EVA Specialist Devan Bolch narrates this computer animation of the activities planned for the June 24 International Space Station spacewalk.	Transcript Link

2013 06 21	NASA Johnson	https://youtu.be/G7gZ_GEvFcw	Space Station Live Russian Spacewalk	Space Station Live commentator Pat Ryan talks with Lawrence Thomas, the Increment 36 EVA manager, about the Russian spacewalk planned for June 24, 2013. During the spacewalk, Flight Engineers Fyodor Yurchikhin and Alexander Misurkin will replace a fluid flow control valve panel on the Zarya module, test Kurs automated docking cables for the arrival of a new Russian laboratory module later this year and install clamps to later hold cables bringing power from the U.S. segment of the station to that new Russian module. The two spacewalkers are also slated to install handholds for future spacewalk activities and retrieve experiments from the hull of the Zvezda service module.	Transcript Link
2013 06 21	NASA Johnson	https://youtu.be/SfA11ik646w	Space Station Live June 21, 2013	The Space Station Live recap video for June 21, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 20	NASA Johnson	https://youtu.be/Uvn3BM7aOeY	Space Station Live Orion Spacesuits with Dustin Gohmert	NASA Public Affairs Officer Dan Huot talks with Orion Crew Survival Systems Manager Dustin Gohmert about the Orion cockpit egress evaluations with a fully-suited crew taking place in the Space Vehicle Mock-up Facility at Johnson Space Center.	Transcript Link
2013 06 20	NASA Johnson	https://youtu.be/apP0kVLlpGA	JSC honors the legacy of Neil Armstrong	In conjunction with the memorial service and tree dedication at NASA's Johnson Space Center on June 20, 2013, the center created this video honoring the legacy of Neil Armstrong. The video takes a look at the accidental legend that Armstrong became, and the history-making flight that he took with his colleagues Buzz Aldrin and Mike Collins.	Transcript Link

2013 06 19	NASA Johnson	https://youtu.be/7mkIOnuFZmI	Students Speak with CRONUS Flight Controller	From NASA's International Space Station Mission Control Center, Communication Radio Frequency Onboard Network Utilization Specialist (CRONUS) Flight Controller Ken Neiss participates in a Digital Learning Network (DLN) event with students at Cloverdale Aerospace Tech in Little Rock, Arkansas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/FtrITG6r1us	In Their Own Words Andrew Morgan	"We really want to build that atmosphere of an extended family early on and the sooner the better. I can't wait to meet them."	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/-YdGs3Ar0A4	In Their Own Words Ann McClain	"I've been humbled by how much I've had to rely on everybody else to kind of get to the point that I'm at."	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/bZavu04AUsQ	Space Station Live Orion Cockpit Egress Testing with Jeff Fox	NASA Public Affairs Officer Dan Huot talks with Orion Cockpit Lead Engineer Jeff Fox about the Orion cockpit egress evaluations with a fully-suited crew taking place in the Space Vehicle Mock-up Facility at Johnson Space Center.	Transcript Link

2013 06 19	NASA Johnson	https://youtu.be/iw7HMrn4yjQ	Space Station Live June 19, 2013	The Space Station Live recap video for June 19, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/GjyDhbwLVIw	In Their Own Words Jessica Meir	"I have my private pilot's license but I'm really excited about going to Pensacola for real flight training in jets."	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/B19-W1oCrlE	In Their Own Words Nicole Mann	"I'm really looking forward to the people down at NASA and working for that great organization."	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/MvEVkd1T9ss	In Their Own Words Christina Hammock Koch	"I really strongly believe in both the practical aspects of the research being conducted as well as the larger picture of the human spaceflight program."	Transcript Link

2013 06 19	NASA Johnson	https://youtu.be/rof6fV7JbqI	In Their Own Words Tyler Nick Hague	"The idea of getting to discover new things and testing out very complicated systems is something that I gravitate towards."	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/JyAvVKxR8Ac	In Their Own Words Victor Glover	"The thing that really draws me and excites me about the future is the opportunity to be a part of kindling America's passion for aerospace."	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/rqRcPAlc6no	In Their Own Words Josh Cassada	"I'm really excited about being a part of something that's much bigger than me and working along side some of the world's best minds."	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/13U-3etjMY0	Slideshow 2013 NASA Astronaut Candidate Andrew Morgan	More info... http://www.nasa.gov/home/hqnews/2013/jun/HQ_13-177_2013_Astronaut_Class.html http://www.nasa.gov/astronauts/2013astroclass.html	Transcript Link

2013 06 19	NASA Johnson	https://youtu.be/-LdHmDXyeQ8	Slideshow 2013 NASA Astronaut Candidate Jessica Meir	More info... http://www.nasa.gov/home/hqnews/2013/jun/HQ_13-177_2013_Astronaut_Class.html http://www.nasa.gov/astronauts/2013astroclass.html	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/B-0uhbDej7M	Slideshow 2013 NASA Astronaut Candidate Anne McClain	More info... http://www.nasa.gov/home/hqnews/2013/jun/HQ_13-177_2013_Astronaut_Class.html http://www.nasa.gov/astronauts/2013astroclass.html	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/FqePoACqnuA	Slideshow 2013 NASA Astronaut Candidate Nicole Mann	More info... http://www.nasa.gov/home/hqnews/2013/jun/HQ_13-177_2013_Astronaut_Class.html http://www.nasa.gov/astronauts/2013astroclass.html	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/pkWb7tHmm2s	Slideshow 2013 NASA Astronaut Candidate Christina Hammock Koch	More info... http://www.nasa.gov/home/hqnews/2013/jun/HQ_13-177_2013_Astronaut_Class.html http://www.nasa.gov/astronauts/2013astroclass.html	Transcript Link

2013 06 19	NASA Johnson	https://youtu.be/_F5LAxgmvGs	Slideshow 2013 NASA Astronaut Candidate Tyler N. (Nick) Hague	More info... http://www.nasa.gov/home/hqnews/2013/jun/HQ_13-177_2013_Astronaut_Class.html http://www.nasa.gov/astronauts/2013astroclass.html	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/RI-dNUGNMSY	Slideshow 2013 NASA Astronaut Candidate John Cassada	More info... http://www.nasa.gov/home/hqnews/2013/jun/HQ_13-177_2013_Astronaut_Class.html http://www.nasa.gov/astronauts/2013astroclass.html	Transcript Link
2013 06 19	NASA Johnson	https://youtu.be/sjuMV7NfZFM	Slideshow 2013 NASA Astronaut Candidate Victor Glover	More info... http://www.nasa.gov/home/hqnews/2013/jun/HQ_13-177_2013_Astronaut_Class.html http://www.nasa.gov/astronauts/2013astroclass.html	Transcript Link

2013 06 18	NASA Johnson	https://youtu.be/iIc8WlhzlS0	Space Station Live Robotics Operations with Ian Mills	NASA Public Affairs Commentatior Pat Ryan talks with Robotics Officer Ian Mills about the International Space Station's Remote Manipulator System (SSRMS), or Canadarm2 robotic arm, and the use of the Special Purpose Dexterous Manipulator (SPDM), or Dextre, aboard the orbiting laboratory. Last week on the exterior of the orbiting complex, ground controllers performed ground-commanded hardware transfers using Dextre, the Canadian Space Agency's twin-armed robotic "handyman," and Canadarm2, the station's 57.7-foot robotic arm. Dextre's role is to perform maintenance work and repairs like changing batteries and replacing cameras outside the station. Having Dextre on call will reduce the amount of risky spacewalks to do routine chores, thus giving astronauts more time for science, the main goal of the station. Dextre's special skills and awesome location also offer a unique and opportune testing ground for new robotics concepts like servicing satellites in space. Dextre can ride on the end of Canadarm2 to move from worksite to worksite, or simply hitch a ride on the Mobile Base System. Learn more about Dextre: http://www.nasa.gov/mission_pages/station/structure/elements/dextre.html Watch the full Space Station Live broadcast weekdays on NASA TV	Transcript Link
2013 06 18	NASA Johnson	https://youtu.be/X2IU9d5Nqtk	Space Station Live June 18, 2013	The Space Station Live recap video for June 18, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 17	NASA Johnson	https://youtu.be/Aj6HTM33pBY	Space Station Live Announcing the 2013 Astronaut Class	NASA announced on June 17 eight candidates to train for its 2013 astronaut class after an extensive year-and-a-half long search. These new trainees would potentially be the first astronauts to launch on a commercial spacecraft from U.S. soil. The four men and four women were selected from a pool of over 6,000 applicants. They will train all over the world for possible missions in low-Earth orbit, to an asteroid and Mars. For more information on the eight astronaut trainees please visit... http://www.nasa.gov/2013astroclass http://go.nasa.gov/11KFrWO	Transcript Link

2013 06 17	NASA Johnson	https://youtu.be/zXEuaFnFCYk	Space Station Live Controlling a Rover from Space	Space Station Live commentator Pat Ryan talks with Surface Telerobotics Payload Developer Maria Bualat about the experiment to study controlling an Earth-bound rover from the space station. The exercise simulates a crew member from space controlling a rover on the surface of the moon, planet or asteroid.	Transcript Link
2013 06 17	NASA Johnson	https://youtu.be/YJkvo_kQV5o	Space Station Live June 17, 2013	The Space Station Live recap video for June 17, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 17	NASA Johnson	https://youtu.be/xKZXgRHXEhs	Morpheus Tether Test %2324	This is the 24th tether test of the Morpheus Vehicle. This test was performed with the "Bravo" version of the vehicle and tested some of the new backup systems. There are two firings in this test, the first firing was soft aborted. This was caused by an imbalance in the fuel load which caused the vehicle to exceed it's tight safety zone. The 2nd firing was a complete success.	Transcript Link
2013 06 14	NASA Johnson	https://youtu.be/1y-W3H8titY	Space Station Live June 14, 2013	The Space Station Live recap video for June 14, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link

2013 06 14	NASA Johnson	https://youtu.be/bq76SzR_eEA	Karen Nyberg Honors the Flight of Valentina Tereshkova	Flight Engineer Karen Nyberg recorded a special message to commemorate the 50th anniversary of of the flight of cosmonaut Valentina Tereshkova, the first woman to have flown in space.	Transcript Link
2013 06 13	NASA Johnson	https://youtu.be/VLU12e49OZw	Students Speak with WRS Manager Julie Mitchell	Project Manager of the Water Recovery System Development Team Julie Mitchell participates in a Digital Learning Network (DLN) event with students from the High School Aerospace Scholars and Pre-Service Teacher Institute at Johnson Space Center. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 06 13	NASA Johnson	https://youtu.be/NN_JUv2wTY8	Space Station Live Microbiome Experiment	NASA Public Affairs Officer Lori Meggs talks with Microbiome experiment Investigator Mark Ott to learn more about this research taking place aboard the International Space Station. The Microbiome experiment investigates the impact of space travel on both the human immune system and an individual's microbiome (the collection of microbes that live in and on the human body at any given time).	Transcript Link
2013 06 13	NASA Johnson	https://youtu.be/bLiPw-AvPUU	Space Station Live June 13, 2013	The Space Station Live recap video for June 13, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link

2013 06 12	NASA Johnson	https://youtu.be/LCjdOn2Lw6I	Space Station Live June 12, 2013	The Space Station Live recap video for June 12, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 11	NASA Johnson	https://youtu.be/qim2Z3SHPTU	Space Station Live June 11, 2013	The Space Station Live recap video for June 11, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 10	NASA Johnson	https://youtu.be/U29I7sx5wy8	Space Station Live June 10, 2013	The Space Station Live recap video for June 10, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 07	NASA Johnson	https://youtu.be/yCXRLOWSu-I	Space Station Live June 7, 2013	The Space Station Live recap video for June 7, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link

2013 06 06	NASA Johnson	https://youtu.be/4XnrWT7rqqI	Morpheus Tether Test %2322	Morpheus conducts another tethered test, June 6, 2013. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology.	Transcript Link
2013 06 06	NASA Johnson	https://youtu.be/eoZkfI43FPk	Students Speak With Station Capcom	From NASA's International Space Station Mission Control Center, ISS capcom Hal Getzelman participates in a Digital Learning Network (DLN) event with students at Colvin Run Elementary School in Vienna, Va. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 06 06	NASA Johnson	https://youtu.be/Gn1IpPbi8T8	Space Station Live June 6, 2013	The Space Station Live recap video for June 6, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 05	NASA Johnson	https://youtu.be/Z5Bz6L93Gwo	EVA Lessons Learned	A look at the history, evolution and future of Extravehicular Activity, also known as spacewalking. Hear from NASA team members who took part in making this complex task a reality, enabling some of the most impressive and daring achievements in the history of human spaceflight.	Transcript Link

2013 06 05	NASA Johnson	https://youtu.be/vOVghKelWdg	European Cargo Ship Launches to Station	The European Space Agency's (ESA) fourth Automated Transfer Vehicle cargo craft (ATV-4) launched atop an Ariane 5 rocket from Kourou, French Guiana at 5:52 p.m. EDT on Wednesday to begin a 10-day trip to the International Space Station.	Transcript Link
2013 06 05	NASA Johnson	https://youtu.be/qtsEFNnYWAU	Space Station Live June 5, 2013	The Space Station Live recap video for June 5, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 06 05	NASA Johnson	https://youtu.be/htu-48N-gzI	Space Station Live Seedling Growth	Public Affairs Officer Lori Meggs talks with Carol Jacobs, payload operations director at the Marshall Space Flight Center's POIC, about the Seedling Growth experiment talking place aboard the International Space Station.	Transcript Link

2013 06 05	NASA Johnson	https://youtu.be/B4AmwfVHQCw	Space Station Live Ocular Health for Astronauts	Aboard the International Space Station, Flight Engineers Karen Nyberg and Luca Parmitano recently began the first runs of an important new study looking into the vision changes experienced by astronauts during long-duration missions. Dr. Christian Otto, principal investigator for the Prospective Observational Study of Ocular Health in ISS Crews experiment (Ocular Health), joined NASA Public Affairs Officer Nicole Cloutier LeMasters in station's Flight Control Room at the Mission Control Center in Houston to discuss this program to document astronaut eye health during spaceflight. Astronauts in space experience fluid shifts to the head caused by microgravity, and its hypothesized that all crew members experience increased intercranial pressure to some degree. Researchers have linked this increased pressure to vision changes in long-duration astronauts. Over the next few years, the Ocular Health experiment will document systematically any changes in astronauts' eye health over their six-month increments. Results from these studies also will be beneficial to patients here on Earth who are suffering from diseases such as glaucoma. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 06 04	NASA Johnson	https://youtu.be/x5ZfDVkjJk8	Students Learn About Station Robotics	From NASA's International Space Station Mission Control Center, Robotics Systems Flight Controller Jason Dyer participates in a Digital Learning Network (DLN) event with students at East Stroudsberg High School in Pennsylvania. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 06 04	NASA Johnson	https://youtu.be/ZN70uC8PVqs	Space Station Live June 4, 2013	The Space Station Live recap video for June 4, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link

2013 06 04	NASA Johnson	https://youtu.be/Ywh035K0NZc	Close Shave for Astronaut Chris Cassidy	Using a hair trimmer and a vacuum aboard the International Space Station, Flight Engineer Chris Cassidy gives himself a serious haircut in preparation for the arrival of fellow Expedition 36 crewmate Luca Parmitano, who is noted for his bald head. Read more: http://go.nasa.gov/19FyWe9	Transcript Link
2013 06 03	NASA Johnson	https://youtu.be/SMgaQXQwV5Y	Space Station Live June 3, 2013	The Space Station Live recap video for June 3, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 05 31	NASA Johnson	https://youtu.be/RC31jIF8ru0	Space Station Live May 31, 2013	The Space Station Live recap video for May 31, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 05 30	NASA Johnson	https://youtu.be/yiCYoOjCcNw	It Gets Better	The NASA JSC It Gets Better video is a video project created by the "Out & Allied @ JSC Employee Resource Group" of NASA's Johnson Space Center. It was created as an outreach tool primarily directed at high school and college-aged lesbian, gay, bisexual, transgender, queer and questioning (LGBTQ) individuals who are victims of bullying and/or have been affected by bullying. This video sends the message to current and future NASA employees that it is OK to be LGBTQ, and that NASA JSC management supports and encourages an inclusive, diverse workforce in our workplace. Published on May 30, 2013 Learn more about NASA: http://www.nasa.gov Learn more about NASA Johnson Space Center: http://www.nasa.gov/centers/johnson Join the conversation on Twitter at: @NASA_Johnson For students interested in NASA Johnson Space Center: https://www.facebook.com/NASA.JSC.Students http://www.twitter.com/nasajscstudents Special thanks to astronauts Catherine Coleman, Megan McArthur, and Steven Swanson. Special thanks to Dr. Ellen Ochoa, and all supporting senior staff members.	Transcript Link
2013 05 30	NASA Johnson	https://youtu.be/W2eXv3Tr55c	Space Station Live FLEX in Space for Safer Combustion	Flame Extinguishment Experiment (FLEX) Principal Investigator Mark Hickman, from Glenn Research Center, discusses why scientists study flames in space. One reason is to create a safer environment to live in space and on Earth. Scientists have been looking at different fuels, atmospheric pressures and suppressants to study combustion in microgravity. Fire in space burns at a lower burn rate, temperature and oxygen concentration. As a result, fires are harder to detect in space due to no bouyancy and less smoke. Fires burn longer in space than on Earth and it is harder to determine if the fire is actually put out. Therefore, newer fire detectors were better designed to detect soot and more detectors were installed throughout the International Space Station. Research from FLEX will also benefit fire suppressant technologies on Earth and in space. More Earth-bound benefits include safer furnaces and engines, more-efficient fuel consumption and less greenhouse gases and soot.	Transcript Link

2013 05 30	NASA Johnson	https://youtu.be/LKkI0PxPqaU	Space Station Live May 30, 2013	The Space Station Live recap video for May 30, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 05 30	NASA Johnson	https://youtu.be/jgbMvaBdq0M	Station Flight Controller Talks to New York Students	From NASA's International Space Station Mission Control Center, Jason Barbour who works with the ISS Environmental & Thermal Operating Systems participates in a Digital Learning Network (DLN) event with students at Public School 174 Queens in Queens, New York. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 05 29	NASA Johnson	https://youtu.be/QkdcCU4HKdI	Morpheus Tether Test %2321	This is the first tether test of the v1.5b Morpheus vehicle. We had a good ignition and climb. However, as the vehicle attempted to stabilize itself it exceeded the internally set boundary limit causing a soft abort.	Transcript Link
2013 05 29	NASA Johnson	https://youtu.be/RjL8JsJ5lLU	Morpheus Hot Fire %239	This ground level hot fire test included a test at 0 feet and at 3 feet. This test also marked the first use of a flame trench with the Morpheus vehicle.	Transcript Link

2013 05 29	NASA Johnson	https://youtu.be/DvNQI8VwU5w	Space Station Live May 29, 2013	The Space Station Live recap video for May 29, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 05 29	NASA Johnson	https://youtu.be/HzECWKPbCRA	Expedition 36 Crew Profile	Learn more about Expedition 36 Commander Pavel Vinogradov and Flight Engineers Chris Cassidy, Alexander Misurkin, Karen Nyberg, Fyodor Yurchikhin and Luca Parmitano and their mission aboard the International Space Station.	Transcript Link
2013 05 29	NASA Johnson	https://youtu.be/D72aH0FDyA	New Crewmates Welcomed Aboard Station	NASA astronaut Karen Nyberg, Russian Federal Space Agency cosmonaut Fyodor Yurchikhin and European Space Agency astronaut Luca Parmitano joined their Expedition 36 crewmates when the hatches between the Soyuz TMA-09M spacecraft and the International Space Station officially opened at 12:14 a.m. EDT Wednesday. Expedition 36 Commander Pavel Vinogradov and Flight Engineer Alexander Misurkin of the Russian Federal Space Agency and Flight Engineer Chris Cassidy of NASA, who arrived at the station on March 28, welcomed the new crew members aboard their orbital home.	Transcript Link
2013 05 29	NASA Johnson	https://youtu.be/Or4Uj9YEi1E	Soyuz Completes Expedited Flight to Station	The Soyuz TMA-09M spacecraft carrying Soyuz Commander Fyodor Yurchikhin and Flight Engineers Karen Nyberg and Luca Parmitano docks with the International Space Station less than six hours after its launch from the Baikonur Cosmodrome in Kazakhstan.	Transcript Link

2013 05 28	NASA Johnson	https://youtu.be/8p5XUu21bqA	Expedition 36 Crew Launches on Fast Track to Station	The Soyuz TMA-09M spacecraft carrying Soyuz Commander Fyodor Yurchikhin and Flight Engineers Karen Nyberg and Luca Parmitano launches from the Baikonur Cosmodrome in Kazakhstan to begin an expedited 6-hour journey to the International Space Station.	Transcript Link
2013 05 28	NASA Johnson	https://youtu.be/qYsY1U_pxi4	Space Station Live May 28, 2013	The Space Station Live recap video for May 28, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 05 28	NASA Johnson	https://youtu.be/26iLssrNAJA	Space Station Live ISS CREAM	NASA Public Affairs Officer Lori Meggs talks with CREAM (Cosmic Ray Energetics and Mass) Principal Investigator Eun-Suk Seo to learn more about this experiment that will study cosmic ray physics from the International Space Station. One advantage of observing primary cosmic rays from the space station is the particles do not interact with the Earth's atmosphere which can obscure results. Studying cosmic rays from the space station will allow for longer exposure times to detect higher energy particles and reduce statistical uncertainties due to atmospheric interference. The results gained from the orbiting laboratory will be superior to observations from ground-based laboratories. Students have also been very involved with the CREAM experiment from development, assembly, testing, integration, data analysis and flight operations. CREAM is planned to launch to the space station in 2014. It will be placed outside the Japanese Kibo laboratory and attached to its Exposed Facility platform.	Transcript Link
2013 05 28	NASA Johnson	https://youtu.be/F9NogpiAcV8	Expedition 36 37 Mission Overview	Commander Pavel Vinogradov leads Expedition 36 as the six-member crew conducts advanced microgravity research aboard the International Space Station. Vinogradov and the other five crew members Flight Engineers Chris Cassidy, Alexander Misurkin, Fyodor Yurchikhin, Karen Nyberg and Luca Parmitano, discuss the challenges and opportunities of living and working in space. Expedition 36/37 has a busy schedule planned with several spacewalks and visits from Russian, Japanese and European cargo vehicles.	Transcript Link

2013 05 24	NASA Johnson	https://youtu.be/MISZs91u-lI	Expedition 36 37 Crew Preps for Launch	Soyuz Commander Fyodor Yurchikhin of the Russian Federal Space Agency, NASA astronaut Karen Nyberg and European Space Agency astronaut Luca Parmitano prepare for their May 28 Soyuz launch to join their Expedition 36 crewmates aboard the International Space Station.	Transcript Link
2013 05 24	NASA Johnson	https://youtu.be/2yQJ868f2kg	Space Station Live May 24, 2013	The Space Station Live recap video for May 24, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m.	Transcript Link
2013 05 23	NASA Johnson	https://youtu.be/eORcSi8YdwA	New Jersey Students Speak With Astronaut Mario Runco	From NASA's International Space Station Mission Control Center, astronaut Mario Runco participates in a Digital Learning Network (DLN) event with students at Memorial Deptford High School in Deptford, New Jersey. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 05 23	NASA Johnson	https://youtu.be/PsbS7ZnDM4Y	Destination Station Atlanta	Destination Station was recently in Atlanta from April 15 through April 21. During the week, NASA visited schools, hospitals, museums, and the city's well known Atlanta Science Tavern Meet Up group. Check out the video and see some of the cool things we did and the impact we made on the Peach State.	Transcript Link

2013 05 23	NASA Johnson	https://youtu.be/FbEwIVT4Mh8	Space Station Live Astronaut Mario Runco on Earth Photography	Veteran astronaut Mario Runco joins NASA Public Affairs Officer Kelly Humphries in International Space Station Flight Control Room to discuss astronaut photography of the Earth.	Transcript Link
2013 05 23	NASA Johnson	https://youtu.be/DXjuaLKKrgI	Space Station Live May 23, 2013	The Space Station Live recap video for May 23, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 22	NASA Johnson	https://youtu.be/k5Yyc-G5eS8	Expedition 36 37 Crew Launch Preps in Kazakhstan	Soyuz Commander Fyodor Yurchikhin and Flight Engineers Karen Nyberg and Luca Parmitano arrive in Kazakhstan to prepare for their upcoming launch to the International Space Station. They are targeted for a May 28 launch aboard their Soyuz TMA-09M spacecraft.	Transcript Link
2013 05 22	NASA Johnson	https://youtu.be/b_Ot7r-nXRw	Space Station Live High-Intensity Exercise in Space	NASA Public Affairs Officer Lori Meggs talks with SPRINT Principal Investigator Lori Ploutz-Snyder to learn more about this high-intensity exercise research taking place aboard the International Space Station. NASA astronaut and Expedition 22/23 Flight Engineer TJ Creamer joins the conversation to discuss the importance of exercise in protecting cardiovascular, muscular and bone health during long-duration space missions.	Transcript Link

2013 05 22	NASA Johnson	https://youtu.be/AfI4GSLfQWo	Space Station Live May 22, 2013	The Space Station Live recap video for May 22, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 21	NASA Johnson	https://youtu.be/GBY2UkRnHPY	Expedition 36 Crew Profile	Learn more about Expedition 36 Flight Engineers Karen Nyberg, Fyodor Yurchikhin and Luca Parmitano, who are set to join their crewmates aboard the International Space Station in late May.	Transcript Link
2013 05 21	NASA Johnson	https://youtu.be/XZE84IxzQYo	Space Station Live May 21, 2013	The Space Station Live recap video for May 21, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 20	NASA Johnson	https://youtu.be/kU86gaiA6Rc	Space Station Live Amine Swingbed	NASA Public Affairs Officer Kelly Humphries speaks with Amine Swingbed Principal Investigator Jeff Sweterlitsch about the Amine Swingbed experiment.	Transcript Link

2013 05 20	NASA Johnson	https://youtu.be/8vNCp-VTIvE	Space Station Live Fluids and Combustion Facility	Aboard the International Space Station, the Fluids and Combustion Facility (FCF) accommodates the unique challenges of working with fluids and combustion processes in microgravity and provides services and capabilities comparable to those found in traditional Earth-based laboratories. NASA Public Affairs Officer Brandi Dean recently spoke with Robert Corben, the FCF manager at NASA's Glenn Research Center to discuss some of the science being conducted with the facility's two powered racks -- the Combustion Integrated Rack (CIR) and the Fluids Integrated Rack (FIR). The CIR, which includes a combustion chamber and a fuel and oxidizer control, allows a variety of combustion experiments to be performed safely aboard the station. The FIR is a complementary fluid physics research facility designed to host investigations in areas such as colloids, gels, bubbles and capillary action. While the FIR and the CIR perform completely different tasks, they share similar hardware to interact with the station's communication system and distribute power. Both racks also have what is known as an optics bench to mount and reposition modular diagnostic tools such as special cameras and lights. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 05 20	NASA Johnson	https://youtu.be/0u5LMNhFl6M	Space Station Live May 20, 2013	The Space Station Live recap video for May 20, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 05 16	NASA Johnson	https://youtu.be/cx3Gjjefoy4	Space Station Live Fixing an Ammonia Leak on the Station	Brandi Dean interviews SPARTAN flight controller Anthony Vareha. The SPARTAN console in the Mission Control Center is in charge of the station's electrical and thermal systems. Vareha describes the analysis of the leak of ammonia coolant that cools the batteries on the station's P6 truss, which occurred last week. Expedition 35 Flight Engineers Tom Marshburn and Chris Cassidy conducted a spacewalk May 11 to fix that leak. The planning and readiness for the spacewalk took place in record time. Flight controllers are still monitoring the system for leaks and will need a couple of months to make their final assessment of the situation. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. For more information on science and operations aboard the station, visit http://www.nasa.gov/station.	Transcript Link
2013 05 16	NASA Johnson	https://youtu.be/0KsetzWBv8g	Space Station Live May 16, 2013	The Space Station Live recap video for May 16, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 15	NASA Johnson	https://youtu.be/E5iaZakqkAQ	Space Station Live May 15, 2013	The Space Station Live recap video for May 15, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 14	NASA Johnson	https://youtu.be/F0X6sv3zq6Q	Expedition 35 Welcome Ceremony	Expedition 35 Commander Chris Hadfield and Flight Engineers Tom Marshburn and Roman Romanenko participate in a welcome ceremony after landing aboard their Soyuz TMA-07M spacecraft in Kazakhstan on May 13.	Transcript Link

2013 05 14	NASA Johnson	https://youtu.be/vKYXSm_5Rcs	Expedition 35 Crew Lands Safely in Kazakhstan	Expedition 35 Commander Chris Hadfield and Flight Engineers Tom Marshburn and Roman Romanenko landed their Soyuz TMA-07M spacecraft in southern Kazakhstan at 10:31 p.m. EDT Monday. Russian recovery teams were on hand to help the crew exit the Soyuz vehicle and adjust to gravity after 146 days in space.	Transcript Link
2013 05 14	NASA Johnson	https://youtu.be/qZSirA-ODuE	Expedition 35 Farewell and Undocking	The Expedition 35 crew says goodbye to their station crew mates and undocks in their Soyuz TMA-07M spacecraft.	Transcript Link
2013 05 13	NASA Johnson	https://youtu.be/kdf8ahuHJ0A	Combustion Integrated Rack (revised)	This is one of a series of short features about some of the experiment racks on station. This video focuses on the Combustion Integrated Rack (CIR) and features the Multi-User Droplet Combustion Apparatus (MDCA), the Constrained Vapor Bubble (CVB) and the Flame Extinguishment Experiment (FLEX).	Transcript Link

2013 05 13	NASA Johnson	https://youtu.be/eac6SP7z4VQ	Space Station Live Preparing for the Ride Home on a Soyuz Spacecraft	NASA Public Affairs Officer Kelly Humphries interviews astronaut Shannon Walker who served as an Expedition 24/25 flight engineer in 2010. She talks about preparations station crew members make before leaving the International Space Station. She also describes what the crew is experiencing in the Soyuz spacecraft when the vehicle undocks and lands. Just before re-entering the atmosphere the Soyuz vehicle separates into three modules with the descent module returning the three crewmembers to Earth. The orbital module, filled with trash, and the propulsion and instrumentation module are destroyed during the fiery reentry into Earth's atmosphere. As the descent module descends into the atmosphere the Soyuz deploys its parachutes. An instant before the Soyuz hits the ground it fires rockets to soften the landing in Kazakhstan. http://www.nasa.gov/mission_pages/station/structure/elements/soyuz/index.html Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. For more information on science and operations aboard the station, visit http://www.nasa.gov/station.	Transcript Link
2013 05 13	NASA Johnson	https://youtu.be/ZYBfPJbIG_0	Space Station Live May 13, 2013	The Space Station Live recap video for May 13, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 13	NASA Johnson	https://youtu.be/NDrAnbY0DNE	Microgravity Science Glovebox	This video is one of a series of short features about some of the experiment racks on station. This video focuses on the Microgravity Science Glovebox (MSG) and features the Structure and Liftoff in Combustion Experiment (SLICE) and the Burning and Suppression of Solids (BASS).	Transcript Link

2013 05 13	NASA Johnson	https://youtu.be/54I_Qk12OEk	Minus Eighty-Degree Laboratory Freezer for ISS	This is one of a series of short features about some of the experiment racks on station. This video focuses on the Minus Eighty-Degree Laboratory Freezer for ISS (MELFI).	Transcript Link
2013 05 13	NASA Johnson	https://youtu.be/39jeHBFwW7Y	Human Research Facility	This is one of a series of short features about some of the experiment racks on station. This video focuses on the Human Research Facility (HRF) and features the Space Linear Acceleration Mass Measurement Device (SLAMMD).	Transcript Link
2013 05 13	NASA Johnson	https://youtu.be/qyIc597iit4	ExPRESS Rack	This is one of a series of short features about some of the experiment racks on station. This video focuses on the ExPRESS rack and features the Binary Colloidal Alloy Test (BCAT), the Advanced Biological Research System (ABRS) and the Commercial Generic Bioprocessing Apparatus (CGBA).	Transcript Link
2013 05 12	NASA Johnson	https://youtu.be/9FxyAwD4ERI	Station Change of Command Ceremony	Expedition 35 Commander Chris Hadfield handed command of the station over to Expedition 36 Commander Pavel Vinogradov during a ceremony held on Sunday, May 12, 2013.	Transcript Link

2013 05 10	NASA Johnson	https://youtu.be/3A0SWg7dC2c	Space Station Live May 10, 2013	The Space Station Live recap video for May 10, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 10	NASA Johnson	https://youtu.be/DQREC9-zkY0	Station Ammonia Leak Prompts Spacewalk Preps	Aboard the International Space Station a leak of ammonia coolant was detected on May 9, coming from a location on the station's P6 truss.	Transcript Link
2013 05 09	NASA Johnson	https://youtu.be/KgGcBO6aHhs	Students Learn About Spacesuits	From NASA's International Space Station Mission Control Center, spacesuit engineer Heather Paul participates in a Digital Learning Network (DLN) event with students at Memorial Middle School in Atlanta. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 05 09	NASA Johnson	https://youtu.be/bOYHUfEl45U	Astronaut Karen Nyberg Discusses Parenting in Advance of ISS Mission	Astronaut Karen Nyberg is preparing for her upcoming mission to the International Space Station. Slated to launch on May 28, 2013, Karen shares her thoughts and feelings about parenthood while preparing for her long-duration stay in space. In this interview, Karen answers questions from Parenting magazine's Elina Bolokhova. This was one of several interviews airing on NASA television Thursday, May 9, 2013 leading up to Nyberg's launch. For more information about the International Space Station visit: http://go.nasa.gov/9cE4DW For more information about the benefits from space research visit: http://go.nasa.gov/wOelvu For Karen Nyberg's biography visit: http://go.nasa.gov/np5ICw For information on Karen's misson visit: http://go.nasa.gov/139pjnN You can follow Karen on Twitter: @AstroKarenN or @NASA_Astronauts	Transcript Link

2013 05 09	NASA Johnson	https://youtu.be/P-9mJ45Q1Fw	Astronaut Mom Nicole Stott On Being a Mom and Space Explorer	Astronaut Nicole Stott is no stranger to long-distance relationships. As a veteran space-flyer, Nicole has spent more than 100 days in space, and as a wife and mother, knows well the unique aspects and challenges of being away from family. In this interview, Stott discusses how she prepared for her long-duration mission and how she stayed close with friends, family and especially her son while at her home in space. For more information about the International Space Station visit: http://go.nasa.gov/9cE4DW For more information about the benefits from space research visit: http://go.nasa.gov/wOelvu For more information about Nicole Stott, you can find her biography here: http://go.nasa.gov/cNQGpR Follow Nicole Stott on Twitter: @Astro_Nicole Follow NASA Astronauts on Twitter: @NASA_Astronauts	Transcript Link
2013 05 09	NASA Johnson	https://youtu.be/4Cqbc-VVzKs	Space Station Live May 9, 2013	The Space Station Live recap video for May 9, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 08	NASA Johnson	https://youtu.be/As6wf-D-iZo	Karen Nyberg Talks International Space Station Benefits	Astronaut Karen Nyberg, a flight engineer of the International Space Station Expedition 36 and 37 crew, is launching to space May 28, 2013. In this brief message, Karen shares some of the benefits of ISS research and how science and experiments being conducted in space help life on Earth. Research and development in the areas of medicine, Earth observation imagery and materials sciences not only help advance space exploration, but also help our day-to-day lives on our home planet. Want to learn more? Visit www.nasa.gov Learn more about NASA Astronaut Karen Nyberg: http://go.nasa.gov/109uXm2 Learn more about research on the International Space Station: http://go.nasa.gov/9cE4DW Learn more about the space station's benefits: http://go.nasa.gov/wOelvu Learn more about space station ultrasound research: http://go.nasa.gov/18MPX2P Learn more about space station cancer treatment research: http://go.nasa.gov/109vdl5 Learn more about the space station's role in vaccine development: http://go.nasa.gov/109vggB Follow @AstroKarenN and @ISS_Research on Twitter!	Transcript Link

2013 05 08	NASA Johnson	https://youtu.be/VlkIffycQWA	Space Station Live May 8, 2013	The Space Station Live recap video for May 8, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 07	NASA Johnson	https://youtu.be/MRakLLNnpUY	Space Station Live Students Help Build Station Trainers	NASA Public Affairs Officer Josh Byerly speaks with students Ben Holloway, Helmut Brenner and Robert Lipham from Cypress Woods High School in Cypress, Texas, about their experiences in the HUNCH educational program. HUNCH (High school students United with NASA to Create Hardware) involves students fabricating real-world products for NASA as they apply their science, technology, engineering and mathematics skills as well as learning to work in teams and think creatively. The three students designed a test model of the International Space Station's Microgravity Science Glovebox that will be used by astronauts on Earth to train for their stay aboard the orbiting laboratory. The Microgravity Science Glovebox is one of the major dedicated science facilities inside the station's Destiny laboratory. It has a large front window and built-in gloves to provide a sealed environment for conducting science and technology experiments. The Glovebox is particularly suited for handling hazardous materials when the crew is present. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 05 07	NASA Johnson	https://youtu.be/XNQpJIxMR4E	Space Station Live May 7, 2013	The Space Station Live recap video for May 7, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 05 06	NASA Johnson	https://youtu.be/1XCDErtngO4	Space Station Live May 6, 2013	The Space Station Live recap video for May 6, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 03	NASA Johnson	https://youtu.be/lSGZo2vDbQk	Orion Parachute Drop Test on May 1, 2013	A test version of NASA's Orion spacecraft landed safely during a simulation of two types of parachute failures Wednesday, May 1, 2013.	Transcript Link
2013 05 03	NASA Johnson	https://youtu.be/842RBYOhTUQ	Space Station Live Weekly Recap for May 3, 2013	The Space Station Live weekly recap video for April 29 - May 3, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 05 02	NASA Johnson	https://youtu.be/qQhybvzfyJY	Spacesuit Engineer Chats With Students	From NASA's International Space Station Mission Control Center, spacesuit engineer Cinda Chullen participates in a Digital Learning Network (DLN) event with students at Naperville North High School in Naperville, Ill. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link

2013 05 02	NASA Johnson	https://youtu.be/22Q7TyyRqAE	Space Station Live Space Station Science	NASA Public Affairs Officer Dan Huot speaks with Assistant ISS Program Scientist Kirt Costello about the various science experiments and research currently being conducted aboard the International Space Station. The International Space Station is an unprecedented achievement in global human endeavors to conceive, plan, build, operate and utilize a research platform in space. Costello and his team advise the ISS Program Manager on the science that is being selected and flown to the station and work to prioritize the experiments that are being conducted. Results from the science and research conducted aboard the station provide advantages to many areas of our lives here on Earth -- health and telemedicine, pharmaceuticals, physical science, engineering safety, better consumer goods, and Earth science and observation. To learn more about space station science and research visit: http://www.nasa.gov/mission_pages/station/research/index.html Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 05 02	NASA Johnson	https://youtu.be/1CucBl5YcI4	Space Station Live Payload Communicator Stacy Jones	Public Affairs Officer Lori Meggs from NASA's Marshall Space Flight Center talks with Stacy Jones, Payload Communicator, or PAYCOM.	Transcript Link
2013 05 02	NASA Johnson	https://youtu.be/mscPhtqc8XQ	Space Station Live May 2, 2013	The Space Station Live recap video for May 2, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 05 01	NASA Johnson	https://youtu.be/t1-avNrh_uY	Space Station Live May 1, 2013	The Space Station Live recap video for May 1, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 04 30	NASA Johnson	https://youtu.be/Mpyr_dm8Pho	Space Station Live Robotic Refueling Mission	NASA Public Affairs Officer Dan Huot speaks with Robert Pickle, Robotic Refueling Mission ROBO lead, about the International Space Station demonstration of the tools, technologies and techniques to refuel and repair satellites in orbit - especially satellites not designed to be serviced.	Transcript Link
2013 04 30	NASA Johnson	https://youtu.be/qUxSLKDzpaI	Space Station Live April 30, 2013	The Space Station Live recap video for April 30, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 04 30	NASA Johnson	https://youtu.be/cjGkYp8fv0o	Expedition 36 Final Exams and Training	The Expedition 36 crew members conduct final training at the Gagarin Cosmonaut Training Center before their May 28 launch to the International Space Station. Flight Engineers Karen Nyberg, Fyodor Yurchikhin, Luca Parmitano are in Star City, Russia, conducting Russian Soyuz and Russian segment qualification exams and simulations.	Transcript Link

2013 04 29	NASA Johnson	https://youtu.be/w6XBpiaEkvA	Space Station Live April 29, 2013	The Space Station Live recap video for April 29, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 04 26	NASA Johnson	https://youtu.be/UKwFEyZp9gI	Space Station Live EarthKAM Gives Students Window on World	Since the earliest days of the space program, astronauts have taken photos of the Earth from space to capture the beauty of the planet and to document the impacts of man-made and natural events. While only a small percentage of people are fortunate enough to witness this view firsthand, since 2001 the EarthKAM investigation has enabled students to remotely program a camera positioned in an Earth-facing window of the International Space Station and capture their own photographs of the world from space. Space Station Live commentator Pat Ryan recently spoke with several EarthKAM participants to learn more about how teachers and students are using this experiment to study our home planet. Dave Curry, an 8th grade Earth and space science teacher at Holland Middle School in Holland, Pa., has incorporated EarthKAM in his classroom every year since 2006. Curry was drawn to the program because it allowed kids to get involved in doing something themselves and seeing a result from that. As Curry pointed out, "Middle school is really an age where we try to hook kids on science." Two of Curry's students, Alison Castronuovo and Andrew Harman, shared with Space Station Live viewers some of the photos they captured from the station and the things they learned from studying these images. The students found more than they initially expected, because as Alison explained, "I never expected all that detail."	Transcript Link
2013 04 26	NASA Johnson	https://youtu.be/JPGraWV7Z08	Space Station Live Weekly Recap for April 26, 2013	The Space Station Live weekly recap video for April 26, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 04 25	NASA Johnson	https://youtu.be/OGU5Sz1UInE	Georgia Astronaut Speaks to Students in Home State	From NASA's International Space Station Mission Control Center, NASA astronaut Eric Boe participates in a Digital Learning Network (DLN) event with students at the Ball Ground STEM Academy in Ball Ground, Ga. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 04 25	NASA Johnson	https://youtu.be/vqJkwhKn-Co	Space Station Live April 25, 2013	The Space Station Live recap video for April 25, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 04 24	NASA Johnson	https://youtu.be/SFDQytJWVxQ	Space Station Live International Space Apps Challenge	Space Station Live commentator Pat Ryan recently spoke with Nick Skytland, NASA Open Innovation Project Manager, about the International Space Apps Challenge. On April 20 and 21, over 9,000 people participated in the second International Space Apps Challenge hosted by NASA and government agencies worldwide, with events across all seven continents and in space. Participants were encouraged to develop mobile applications, software, hardware, data visualization and platform solutions that could contribute to space exploration missions and help improve life on Earth. "There's a lot of people outside NASA who love what we do, but have never had an opportunity to participate firsthand," remarked Skytland. "What we've done here is provide a way for people to actually contribute." According to Skytland, 770 solutions were submitted for judging. Around a hundred of the best solutions were chosen from that group, and the public is invited to go online, learn more about these solutions and vote for their favorite: http://spaceappschallenge.org	Transcript Link

2013 04 24	NASA Johnson	https://youtu.be/I1h36bHQMhE	Space Station Live Window Observational Research Facility	Public Affairs Officer Lori Meggs from NASA's Marshall Space Flight Center talks with Yancy Young, the project manager for the International Space Station's Window Observational Research Facility, or WORF.	Transcript Link
2013 04 24	NASA Johnson	https://youtu.be/KeBA8LJ5Auo	Space Station Live April 24, 2013	The Space Station Live recap video for April 24, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 04 24	NASA Johnson	https://youtu.be/geqpkP4L1fw	ISS Progress 51 Cargo Craft Launches to Station	The unpiloted ISS Progress 51 cargo craft launched from the Baikonur Cosmodrome in Kazakhstan at 6:12 a.m. EDT Wednesday on a two-day trip to the International Space Station.	Transcript Link

2013 04 23	NASA Johnson	https://youtu.be/cbum3v8cj7I	Space Station Live Using EarthKAM During Earth Week	Space Station Live commentator Pat Ryan interviews Brion Au, EarthKAM Payload Developer. The NASA education program enables middle school students to take pictures of the Earth from the International Space Station. EarthKAM, or Earth Knowledge Acquired by Middle School Students, was started by astronaut Sally Ride in 1995. It allows students to control a digital camera on the space station and photograph the Earth's geographic features. The photographic targets are programmed by students based on the space station's orbital track. The images that are successfully captured are then posted on the internet for public viewing. Originally named KidSat, the payload was successfully operated on three space shuttle flights. Renamed EarthKAM in 1998, the payload flew two more shuttle flights before being permanently placed on the space station in 2001 during Expedition 1. https://earthkam.ucsd.edu/about http://www.nasa.gov/mission_pages/station/research/experiments/90.html Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. For more information on science and operations aboard the station, visit http://www.nasa.gov/station.	Transcript Link
2013 04 23	NASA Johnson	https://youtu.be/Gwr6jxxhyjg	Space Station Live April 23, 2013	The Space Station Live recap video for April 23, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link

2013 04 22	NASA Johnson	https://youtu.be/jxcjj4ukpJw	Space Station Live Astronaut Don Pettit on Earth Photography	In celebration of Earth Day, Space Station Live commentator Pat Ryan sat down with NASA astronaut Don Pettit to learn more about the experience of viewing and photographing our planet from the International Space Station. A veteran of three spaceflights, including two long-duration stays aboard the International Space Station, Pettit first became interested in photography when he was in the sixth grade and got his first Brownie camera. "I spent all my allowance doing film work in a darkroom," reminisced Pettit, "so I could see these mysterious images appear when you ran this film through the chemistry." From December 2011 to July 2012, Pettit and his Expedition 30/31 crewmates took about a half a million photographs of the Earth from the station. Pettit shared some of his favorite photos with Space Station Live viewers, including images of elusive noctilucent clouds on the fringes of space and long-exposure "star trail" photographs. Pettit's Earth photos, as well as more than a million others taken by astronauts in space, are available online at the Gateway to Astronaut Photography of Earth. For Earth Day, the Crew Earth Observations team has selected some favorites that highlight the value of the station as a remote platform for photography.	Transcript Link
2013 04 22	NASA Johnson	https://youtu.be/LaiBNI2VvOE	Space Station Live April 22, 2013	The Space Station Live recap video for April 22, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. http://www.nasa.gov/ntv	Transcript Link
2013 04 18	NASA Johnson	https://youtu.be/0Dph7KLdQgQ	Middle School Students From Georgia Ask About Earth Science	From NASA's International Space Station Mission Control Center, Will Stefanov, Chief Earth Scientist at Johnson Space Center, participates in a Digital Learning Network (DLN) event with students at the Lanier Middle School in Buford, Georgia. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link

2013 04 18	NASA Johnson	https://youtu.be/pwJXfiohhUo	Space Station Live Antares Test Launch	Public Affairs Officer Amiko Kauderer interviews John Steinmeyer, Senior Project Manager for Orbital Sciences Launch Services Group. Steinmeyer discusses the Antares rocket, it's first test launch attempt and the company's commercial partnership with NASA. Antares is a two-stage rocket which can lift payloads up to 5,000 kilograms to orbit. The first stage, or booster, is fueled by kerosene and liquid oxygen. The upper stage portion, which actually carries the payload, is filled with solid fuel. Antares first test launch attempt was scrubbed Wednesday April 17, 2013 due to the premature disconnection of a data communications umbilical cable from the rocket's upper stage. Antares launched successfully April 21, 2013, at 5 p.m. EDT. A demonstration launch attempt to deliver cargo to the International Space Station is scheduled for this summer.	Transcript Link
2013 04 18	NASA Johnson	https://youtu.be/u4BLIX-5Ods	Space Station Live April 18, 2013	The Space Station Live recap video for April 18, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 04 17	NASA Johnson	https://youtu.be/ftPwwWHpIRk	Space Station Live Bruce Manners Talks About the Antares Test Launch	Public Affairs Officer Amiko Kauderer interviews Bruce Manners, COTS Orbital Sciences Project Executive, from Mission Control Center at Johnson Space Center. Manners discusses the two-stage Antares rocket built by Orbital Sciences which is planned to launch from Wallops Flight Facility in Virginia.	Transcript Link
2013 04 17	NASA Johnson	https://youtu.be/Am2Sj3zRb88	Space Station Live Astronaut Mike Fossum Talks About Life on the Station	Public Affairs Officer Amiko Kauderer interviews NASA astronaut Mike Fossum in the Mission Control Center at Johnson Space Center. Fossum, who also served as Expedition 29 commander, discusses living and working aboard the International Space Station.	Transcript Link

2013 04 17	NASA Johnson	https://youtu.be/2AlmzF38xz8	Space Station Live April 17, 2013	The Space Station Live recap video for April 17, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 04 16	NASA Johnson	https://youtu.be/VZhyp2bGAJE	Space Station Live April 16, 2013	The Space Station Live recap video for April 16, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 04 15	NASA Johnson	https://youtu.be/dCESddMJu2U	Space Station Live April 15, 2013	The Space Station Live recap video for April 15, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 04 12	NASA Johnson	https://youtu.be/GnA-YbdhjoA	Space Station Live Station Communications Upgrade	NASA Public Affairs Officer Nicole Cloutier-Lemasters recently spoke with Penny Roberts, one of the leads for the International Space Station Avionics and Software group, about the upgrade of the Ku-band communications gear aboard the station. Over the past few weeks the Expedition 35 crew has been involved in installing the new High Rate Communications System hardware, which adds two additional video downlink channels from the station and doubles the number of space-to-ground audio channels. The additional bandwidth is a welcome new resource for scientists and researchers eager to retrieve data from their experiments aboard the station. As Roberts pointed out, "We're positive that the bandwidth will be filled -- and is already filled -- by the payloads needing to get data to the ground."	Transcript Link

2013 04 12	NASA Johnson	https://youtu.be/h9sDCJXTfbw	Space Station Live Astronaut Photos Highlight Earth Month	Melissa Dawson, an Earth scientist with NASA's Johnson Space Center, recently spoke by phone with Public Affairs Officer Nicole Cloutier-Lemasters to discuss the importance of astronaut photography of Earth from space. Beginning with the Mercury missions in the early 1960s, astronauts have taken photographs of the Earth. The Crew Earth Observation team collects the locations and supporting data for these images and makes them available on their website, the Gateway to Astronaut Photography of Earth. These images include more than a million photos taken from the International Space Station. Visit the Gateway to Astronaut Photography of Earth at http://eol.jsc.nasa.gov/ All month long in celebration of Earth Day coming up on April 22, the Crew Earth Observation team is highlighting some of the best photos taken by the Expedition 35 crew currently aboard the station. The team is also sharing some earlier photos and videos that demonstrate the importance of the station as a remote sensing platform for collecting striking imagery of our planet. Visit the Crew Earth Observation team's Earth Day page at http://eol.jsc.nasa.gov/FeaturedEvents/EarthDay2013/	Transcript Link
2013 04 12	NASA Johnson	https://youtu.be/gMwMfI5X1cw	Space Station Live Weekly Recap for April 12, 2013	The Space Station Live weekly recap video for April 12, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link

2013 04 11	NASA Johnson	https://youtu.be/Mu4yWaNWK80	Space Station Live EarthKAM Recreating View From Gemini	Ken Ramsley, a graduate student in the Planetary Geosciences group at Brown University in Providence, R.I., joined NASA Public Affairs Officer Nicole Cloutier-Lemasters by phone to discuss his work with EarthKAM in recreating a Gemini astronaut's memorable view. EarthKAM is a NASA education program that enables students to photograph and examine Earth with a special digital camera mounted onboard the International Space Station. After the recovery from a dangerously stuck thruster on the Gemini 8 spacecraft in 1966 and prior to its landing, astronaut David Scott was awestruck by the view from the spacecraft's window as the vehicle soared over Asia and the Himalayas. Years later, when the opportunity to use EarthKAM arose, Scott, who is now a visiting professor at Brown, suggested recapturing those views of Gemini's final pass over the Himalayas that he found so memorable. Working with archived Gemini data from NASA, Ramsley selected eight target opportunities along Gemini's final orbital track and submitted them to EarthKAM. To date, two of the images have been acquired and Ramsley is working to gather the remaining images. Teachers and students who are interested in controlling EarthKAM	Transcript Link
2013 04 11	NASA Johnson	https://youtu.be/xLxDlUdhs6s	Space Station Live Veteran Astronaut Talks Crew Orientation	NASA Public Affairs Officer Nicole Cloutier-Lemasters recently spoke with NASA astronaut Cady Coleman, who lived aboard the International Space Station as Expedition 26/27 crew member from December 2010 to May 2011. Coleman described some of the day-to-day chores aboard the orbiting complex. She also discussed the crew orientation activities of Flight Engineer Chris Cassidy as he learns the ropes of his new orbital home. Cassidy, along with Flight Engineers Pavel Vinogradov and Alexander Misurkin, arrived at the station on March 28 aboard a Soyuz spacecraft. While the crew focuses as much time as possible on supporting important scientific research during the week, the weekend is the time for some light-duty housekeeping chores like vacuuming vents to ensure proper air flow through the station. "It's really actually kind of fun, too," remarked Coleman, "because we get to fly everywhere up there." Joked Coleman, "If I got to fly around the house vacuuming, I think I would do it a lot more often." Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. For more information on science and operations aboard the station, visit http://www.nasa.gov/station	Transcript Link

2013 04 11	NASA Johnson	https://youtu.be/B2gt6EL9alU	Students Speak With Vacuum Chamber Project Manager Mary Cerimele	From the International Space Station Flight Control Room at NASA's Johnson Space Center, Vacuum Chamber A Project Manager Mary Cerimele participates in a Digital Learning Network (DLN) event with students at Clark All Saints Episcopal in Ft. Worth, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 04 11	NASA Johnson	https://youtu.be/9JgZWZOok6I	Space Station Live April 11, 2013	The Space Station Live recap video for April 11, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 04 09	NASA Johnson	https://youtu.be/OlQmktfM_7o	Space Station Live EarthKAM with Kelly McCormick	NASA Public Affairs Officer Nicole Cloutier-Lemasters interviews Teaching in Space Project Coordinator Kelly McCormick about Earth Knowledge Acquired by Middle school students, or EarthKAM.	Transcript Link
2013 04 09	NASA Johnson	https://youtu.be/tpCbJc6oR_0	Space Station Live April 9, 2013	The Space Station Live recap video for April 9, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. Watch NASA TV: http://www.nasa.gov/ntv Learn more about station: http://www.nasa.gov/station	Transcript Link

2013 04 08	NASA Johnson	https://youtu.be/KlsXaubo05E	Space Station Live ISS Communications Unit Upgrade	NASA Public Affairs Officer Nicole Cloutier-Lemasters interviews International Space Station Flight Director Mike Lammers about the recent Ku communications unit upgrade work taking place aboard the orbiting laboratory.	Transcript Link
2013 04 08	NASA Johnson	https://youtu.be/yKiY2AduNJA	Space Station Live April 8, 2013	The Space Station Live recap video for April 8, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT.	Transcript Link
2013 04 05	NASA Johnson	https://youtu.be/-ZB3-6uR4nA	Space Station Live Historic Vacuum Chamber to Test Webb Telescope	NASA Public Affairs Officer Dan Huot recently visited Johnson Space Center's 400,000 cubic foot vacuum chamber, Chamber A, and spoke with Mary Cerimele, the lab manager for this historic facility. Upgrades have been made to the facility, which is one of the largest vacuum chambers in the world, to prepare it for testing NASA's deep space James Webb Space Telescope. Scientists plan to use the Webb telescope to see further back into history than ever before. Chamber A has been used in component tests for Apollo-Soyuz, Skylab, space shuttle, International Space Station, Department of Defense communication antennas and various other large-scale satellite systems. The chamber and its impressive 40-foot diameter door have even been featured in several movies such as "Armageddon" and "Futureworld." As Cerimele jokes, "It's our resident diva." Since 2007, the chamber has been significantly modified to support testing of the Webb telescope the agency's successor to the Hubble Space Telescope. Scheduled to launch in 2018, it will fly in deep space orbit more than a million miles from Earth. To ensure it will function in the extreme environment of space, Chamber A will be equipped with instruments to measure and evaluate the shape and focus of the mirrors. "Originally the chamber could go to about -300 degrees	Transcript Link

2013 04 05	NASA Johnson	https://youtu.be/wjahMmjb1b0	Space Station Live Weekly Recap for April 5, 2013	The Space Station Live weekly recap video for April 5, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. CDT. Watch NASA TV: http://www.nasa.gov/ntv Learn more about station: http://www.nasa.gov/station	Transcript Link
2013 04 05	NASA Johnson	https://youtu.be/wG1z7JRYMSQ	Station Commander Praises AMS	When asked what's the most important International Space Station experiment, Commander Chris Hadfield names the Alpha Magnetic Spectrometer-2, a state-of-the-art particle physics detector that could change our concept of the cosmos. Read more about AMS: http://www.nasa.gov/mission_pages/station/research/ams.html	Transcript Link
2013 04 04	NASA Johnson	https://youtu.be/hCVJrXVtrnM	Space Station Live Installing the AMS	PAO Officer Kyle Herring interviews NASA astronaut Mike Fincke about his contribution during STS-134, the shuttle mission that installed the Alpha Magnetic Spectrometer (AMS) in May 2011. As a mission specialist, Fincke conducted a spacewalk and operated the shuttle's robotic arm during the installation of the AMS.	Transcript Link
2013 04 04	NASA Johnson	https://youtu.be/JS64JfzjtEk	Space Station Live First Findings from the AMS	PAO Officer Kyle Herring interviews Alpha Magnetic Spectrometer (AMS) Project Manager Trent Martin about the first findings from the AMS. A small team from Johnson Space Center collaborates with AMS experiment operators at control centers at CERN in Geneva, in Taiwan and in Huntsville, Ala.	Transcript Link

2013 04 04	NASA Johnson	https://youtu.be/LCY3UrxvBkY	Space Station Live April 4, 2013	The Space Station Live recap video for April 4, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. Central. Watch NASA TV: http://www.nasa.gov/ntv Learn more about station: http://www.nasa.gov/station	Transcript Link
2013 04 03	NASA Johnson	https://youtu.be/YFua31-_cVQ	Space Station Live April 3, 2013	The Space Station Live recap video for April 3, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. Central. Watch NASA TV: http://www.nasa.gov/ntv Learn more about station: http://www.nasa.gov/station	Transcript Link
2013 04 02	NASA Johnson	https://youtu.be/cCJsw3INeic	Space Station Live April 2, 2013	The Space Station Live recap video for April 2, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. Central. http://www.nasa.gov/ntv	Transcript Link
2013 04 01	NASA Johnson	https://youtu.be/tclDxFY5kjU	Space Station Live April 1, 2013	The Space Station Live recap video for April 1, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. Central. http://www.nasa.gov/ntv	Transcript Link

2013 03 29	NASA Johnson	https://youtu.be/n2cDAxv0NT4	Space Station Live Recap March 29, 2013	The Space Station Live Recap video for March 29, 2013. Watch the full Space Station Live broadcast weekdays on NASA TV at 10 a.m. Central. http://www.nasa.gov/ntv	Transcript Link
2013 03 29	NASA Johnson	https://youtu.be/zny8BLEfong	New Crew on Station After Express Flight	Three new Expedition 35 crew members are welcomed aboard the International Space Station early Friday, less than eight hours after their launch from the Baikonur Cosmodrome in Kazakhstan.	Transcript Link
2013 03 29	NASA Johnson	https://youtu.be/3UG8mYtSW2I	Fast-Tracked Soyuz Docks to Station	The Soyuz TMA-08M spacecraft carrying three new Expedition 35 crew members docks with the International Space Station at 10:28 p.m. EDT Thursday, completing its accelerated journey to the orbiting complex in less than six hours.	Transcript Link
2013 03 28	NASA Johnson	https://youtu.be/DZLASbCEDKM	The Soyuz TMA-08M Spacecraft Launches	The Soyuz TMA-08M spacecraft carrying three new Expedition 35 crew members launched from the Baikonur Cosmodrome in Kazakhstan at 4:43 p.m. EDT Thursday (2:43 a.m. Friday, Baikonur time) to begin an accelerated six-hour journey to the International Space Station.	Transcript Link

2013 03 27	NASA Johnson	https://youtu.be/ro0QTHD_wqc	ISS Servir Environmental Research and Visualization System	From the Marshall Space Flight Center's Payload Operations Integration Center (POIC) in Huntsville, Ala., NASA Public Affairs Officer Lori Meggs interviews Burgess Howell, Principal Investigator for the International Space Station Servir Environmental Research and Visualization System (ISERV).	Transcript Link
2013 03 27	NASA Johnson	https://youtu.be/V5K1CKuMH94	ISS Update - March 27, 2013	The International Space Station update video for March 27, 2013.	Transcript Link
2013 03 26	NASA Johnson	https://youtu.be/8PL0vLwjraE	ISS Update - March 26, 2013	The International Space Station update video for March 26, 2013.	Transcript Link
2013 03 26	NASA Johnson	https://youtu.be/aYPvBVVGe9w	Dragon Released for Departure, Prepares for Splashdown	The SpaceX Dragon's release from Canadarm2 occurred at Tuesday 6:56 a.m. EDT. Now the Expedition 35 crew will command the spacecraft to slowly depart from the International Space Station. Ground controllers earlier sent commands to the Canadarm2 to unberth Dragon from the Harmony node at 4:10 a.m. EDT.	Transcript Link

2013 03 26	NASA Johnson	https://youtu.be/vVDzGF5Z4AY	Soyuz Rolled to Launch Pad in Kazakhstan	The Soyuz rocket is rolled out to the launch pad by train on Tuesday, March 26, 2013, at the Baikonur Cosmodrome in Kazakhstan. Launch of the Soyuz rocket is scheduled for March 29 and will send Expedition 35 Soyuz Commander Pavel Vinogradov, and Flight Engineers Chris Cassidy of NASA and Alexander Misurkin of Russia on a five-and-a-half-month mission aboard the International Space Station.	Transcript Link
2013 03 25	NASA Johnson	https://youtu.be/KjnTZiYYIzg	ISS Update - March 25, 2013	The International Space Station update video for March 25, 2013.	Transcript Link
2013 03 25	NASA Johnson	https://youtu.be/ILG9Xkiv5Y8	New Expedition 35 Trio Checks out Soyuz	The newest Expedition 35 trio, Soyuz Commander Pavel Vinogradov and Flight Engineers Chris Cassidy and Alexander Misurkin, are in Kazakhstan preparing for their March 28 launch and docking to the International Space Station. Ground personnel at the Baikonur Cosmodrome are readying the Soyuz TMA-08M spacecraft and attaching it to the Soyuz rocket before its roll out to launch pad.	Transcript Link
2013 03 22	NASA Johnson	https://youtu.be/54pvHhahPxg	ISS Update CASIS Award Recipient Jud Ready on Materials Science	NASA Public Affairs Officer Kelly Humphries interviews Georgia Tech Research Institute's Principal Research Engineer and Adjunct Professor, Jud Ready, Ph.D. Ready who received word that his research in Materials Science will be heading to the International Space Station National Lab through a Center for the Advancement of Science in Space (CASIS) grant.	Transcript Link

2013 03 22	NASA Johnson	https://youtu.be/RqxtSsQWgDc	ISS Update Weekly Recap for March 22, 2013	The International Space Station weekly recap video for March 18-22, 2013.	Transcript Link
2013 03 21	NASA Johnson	https://youtu.be/R588TXrn_nc	Next Station Crew in Kazakhstan for Soyuz Launch	Expedition 35/36 Soyuz Commander Pavel Vinogradov of the Russian Federal Space Agency, NASA Flight Engineer Chris Cassidy and Russian Flight Engineer Alexander Misurkin arrive at the Baikonur Cosmodrome in Kazakhstan and prepare for their March 28 Soyuz launch to the International Space Station.	Transcript Link
2013 03 21	NASA Johnson	https://youtu.be/fvvIg7ttoLA	ISS Update - March 21, 2013	The International Space Station update video for March 21, 2013.	Transcript Link
2013 03 20	NASA Johnson	https://youtu.be/Ky1mQfAmXsc	Students in Austin, Texas Learn About Space Exploration and Science	From NASA's International Space Station Mission Control Center, Christie Sauers, Orion Cockpit Working Group Deputy, participates in a Digital Learning Network (DLN) event with students at the Ann Richards School For Young Women Leaders in Austin, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link

2013 03 20	NASA Johnson	https://youtu.be/R8J5xfc661w	ISS Update Human Research Aboard Station	Learning about the human body and how it functions in microgravity is paramount as NASA moves toward sending astronauts deeper into space than ever before. NASA Public Affairs Officer Lori Meggs at the Marshall Space Flight Center's Payload Operations Integration Center in Huntsville, Ala., recently spoke with Public Affairs Officer Kelly Humphries about the human research program going on aboard the International Space Station and shares some insights about vision changes observed in long-duration crew members.	Transcript Link
2013 03 20	NASA Johnson	https://youtu.be/NOwnd2JOuD4	ISS Update - March 20, 2013	The International Space Station update video for March 20, 2013.	Transcript Link
2013 03 19	NASA Johnson	https://youtu.be/8RVfoKS0XCA	ISS Update Coarsening in Solid Liquid Mixtures-3 Experiment	NASA Public Affairs Officer Kelly Humphries interviews Northwestern University's Principal Investigator of the Coarsening in Solid Liquid Mixtures-3 (CSLM-3) experiment, Peter Voorhees, Ph.D.	Transcript Link
2013 03 19	NASA Johnson	https://youtu.be/hy-kKBHkO9s	ISS Update - March 19, 2013	The International Space Station update video for March 19, 2013.	Transcript Link

2013 03 19	NASA Johnson	https://youtu.be/d4fGW2pm3AI	Tom Marshburn Talks to Thirty Seconds to Mars	Expedition 35 Flight Engineer Tom Marshburn speaks with Jared Leto of the band Thirty Seconds to Mars during a visit to the International Space Station Flight Control Room in Houston, Texas.	Transcript Link
2013 03 18	NASA Johnson	https://youtu.be/enR1xA5VM5w	ISS Update - March 18, 2013	The International Space Station update video for March 18, 2013.	Transcript Link
2013 03 18	NASA Johnson	https://youtu.be/PBZ4a-dvf0w	The Expedition 34 Crew Lands in Kazakhstan	Expedition 34 Commander Kevin Ford and Flight Engineers Evgeny Tarelkin and Oleg Novitskiy landed their Soyuz TMA-06M spacecraft in the steppe of Kazakhstan, northeast of the remote town of Arkalyk on Friday. Despite fog, low visibility and below freezing temperatures Russian recovery teams were on hand to help the crew exit the Soyuz vehicle and adjust to gravity after 144 days in space.	Transcript Link
2013 03 18	NASA Johnson	https://youtu.be/THCL6ByyWzs	Expedition 35 36 Crew Departs Star City	Expedition 35 Flight Engineers Chris Cassidy, Pavel Vinogradov and Alexander Misurkin participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia outside Moscow March 16. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete training for their launch to the International Space Station in the Soyuz TMA-08M spacecraft March 28.	Transcript Link

2013 03 16	NASA Johnson	https://youtu.be/VyaMw0dmfGM	Expedition 34 Says Goodbye and Undocks	Three Expedition 34 crew members said goodbye to three of their International Space Station crewmates Friday afternoon March 15, 2013. Commander Kevin Ford and Flight Engineers Oleg Novitskiy and Evgeny Tarelkin entered their Soyuz TMA-06M spacecraft and undocked at 7:43 p.m. EST after five months in space. Staying behind is new Expedition 35 Commander Chris Hadfield with Flight Engineers Tom Marshburn and Roman Romanenko. They await a new trio of station residents scheduled for liftoff from Kazakhstan at the end of March.	Transcript Link
2013 03 15	NASA Johnson	https://youtu.be/ofbbTf7Ihtc	ISS Update Weekly Recap for March 15, 2013	The International Space Station weekly recap video for March 11-15, 2013.	Transcript Link
2013 03 14	NASA Johnson	https://youtu.be/149ij147DCo	ISS Update Keeping Track of Station Inventory -- 03 14 13	Public Affairs Officer Dan Huot interviews Rob Adams, Inventory and Stowage Officer, inside the Mission Control Center. Adams and his team keep track of the gear aboard the International Space Station and its location on the orbital laboratory. The team works with the station crew relying on their inputs in the Inventory Management System. The ground team will often cross-check the inventory with imagery and video of the gear and its serial numbers. Adams is the team lead for the SpaceX-2 Dragon mission keeping track of the cargo going in and out of the commercial cargo craft. He also pays attention to the bags, or containers, the gear arrives in to ensure returning cargo is properly stowed in an orderly fashion for the return flight home. For more information on the science and operations about the space station, visit http://www.nasa.gov/station	Transcript Link
2013 03 14	NASA Johnson	https://youtu.be/sr9kMfLQnys	ISS Update - March 14, 2013	The International Space Station update video for March 14, 2013.	Transcript Link

2013 03 13	NASA Johnson	https://youtu.be/K8H6Uk2UDh0	Expedition 34 35 Change of Command Ceremony	Expedition 34 Commander Kevin Ford of NASA passes the helm of the International Space Station to Expedition 35 Commander Chris Hadfield of the Canadian Space Agency.	Transcript Link
2013 03 13	NASA Johnson	https://youtu.be/ejZmvJQwy0c	ISS Update Materials Science Aboard Station	From the Marshall Space Flight Center's Payload Operations Integration Center (POIC) in Huntsville, Ala., NASA Public Affairs Officer Lori Meggs interviews John Kramer of the Microgravity Science Glovebox (MSG) and Material Science Research Rack (MSRR) team and Shawn Reagan, MSRR Project Manager. A range of materials, including metals, ceramics and plastics, have been tested on the International Space Station, and the MSG and the MSRR are the station's "workhorses" that have processed these samples. The team at Marshall's POIC coordinates the testing with the station's onboard crew, answering any questions the astronauts may have as they work through the written procedures. The materials research aboard the station allows researchers to see how different types of materials form and bond without the effects of gravity that are always present in Earthbound laboratories. For more information on the science and operations about the space station, visit http://www.nasa.gov/station	Transcript Link
2013 03 13	NASA Johnson	https://youtu.be/YdwHrdzRhrk	ISS Update - March 13, 2013	The International Space Station update video for March 13, 2013.	Transcript Link
2013 03 12	NASA Johnson	https://youtu.be/h7P6vL5vIsA	Australian Students Contact Space Station	Commander Kevin Ford aboard the International Space Station answers questions from students at Mt. Ousley Public School, Fairy Meadow, New South Wales, Australia via ham radio.	Transcript Link

2013 03 12	NASA Johnson	https://youtu.be/bGBSQMTiaa4	ISS Update - March 12, 2013	The International Space Station update video for March 12, 2013.	Transcript Link
2013 03 08	NASA Johnson	https://youtu.be/oNLxqvYkgik	Expedition 35 Crew Profile	Learn more about Expedition 35 Flight Engineers Pavel Vinogradov, Alexander Misurkin and Chris Cassidy during this video profile.	Transcript Link
2013 03 08	NASA Johnson	https://youtu.be/PB10DQmRFAE	ISS Update Weekly Recap for March 8, 2013	The International Space Station weekly recap video for March 1-8, 2013.	Transcript Link

2013 03 07	NASA Johnson	https://youtu.be/Sv0XiI6qJH4	ISS Update Huntsville Control Center Celebrates 12 Years -- 03 07 13	From Mission Control Center, JSC Public Affairs Officer Josh Byerly commemorates 12 years of continuous space station science operations at the Payload Operations Center (POC) at Marshall Space Flight Center (MSFC) in Huntsville, Ala. Byerly calls over to MSFC where Public Affairs Officer Lori Meggs interviews Katie Pressor, Payload Operations Director. International Space Station flight activities are controlled in Houston at MCC. However, all station science activities are coordinated in Huntsville at the POC. Not all experiments require an astronaut's attention, though. Some experiments can be controlled remotely from the ground allowing a greater scientific output aboard the orbital laboratory. Pressor decided the best way to celebrate the ongoing science operations would be to introduce students to STEM (Science, Technology, Engineering and Math) activities and excite them about science and space careers. Digital Learning Events will be conducted with several schools live on the web from the POC. Experts will also visit the schools themselves for one-on-one experiences. Students also have the opportunity to participate in actual space station experiments. For instance, the SPHERES-Zero-Robotics experiment allows high school students to act as ground controllers and design algorithms to control small satellites. The interaction with these small satellites provides benefits to future space missions.	Transcript Link
2013 03 07	NASA Johnson	https://youtu.be/c9qH3c-0vzU	Astronaut Doug Wheelock Speaks with Students	From NASA's International Space Station Mission Control Center, NASA astronaut Doug Wheelock participates in a Digital Learning Network (DLN) event with students at Clark Creek STEM Academy in Acworth, Georgia. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 03 07	NASA Johnson	https://youtu.be/_lXuGTJO6C0	Expedition 35 News Conference and Prelaunch Activities	Expedition 35 crew members participate in a news conference and traditional preflight activities in Moscow as preparations continue for their launch to the International Space Station on March 28.	Transcript Link

2013 03 07	NASA Johnson	https://youtu.be/2jbgzU6n_r0	ISS Update - March 7, 2013	The International Space Station update video for March 7, 2013.	Transcript Link
2013 03 06	NASA Johnson	https://youtu.be/efgtXVjKzuw	ISS Update Optical Communications	NASA Public Affairs Officer Lori Meggs talks with OPALS Project Systems Engineer Bogdan Oaida from NASA's Jet Propulsion Laboratory. OPALS, short for Optical PAyload for Lasercomm Science, looks at using lasers to transmit data from the International Space Station at much higher data rates than what is possible currently with radio-frequency transmissions. OPALS will demonstrate and test optical communications technologies from a space-based platform by transferring video data via the laser hardware on the space station to a ground receiver at the Jet Propulsion Laboratory's Optical Communications Telescope Laboratory in Wrightwood, Calif. "Using laser beams, which can be hundreds-to-thousands of times narrower than radio-frequency beams, allows us to achieve higher data rates," said Oaida. To learn more about OPALS, visit http://www.nasa.gov/mission_pages/station/research/news/opals.html For more information on the science and operations about the space station, visit http://www.nasa.gov/station	Transcript Link
2013 03 06	NASA Johnson	https://youtu.be/9yJD1VjtJgc	ISS Update Expedition 34 Flight Director Describes Station Science Operations	NASA Public Affairs Officer Josh Byerly interviews Chris Edelen, Expedition 34 Lead Flight Director, at Johnson Space Center's Mission Control Center. Edelen has overseen the research and utilization aboard the International Space Station during the Expedition 34 increment. With the assembly stage of the station complete, crews can now focus on science and exploration providing benefits back on Earth. The six-member Expedition 34 crew is on track to set a record for the amount of research conducted aboard the orbital laboratory. A total of 166 experiments have been conducted during Expedition 34. Two different experiments taking place during Expedition 34 include a materials science study and a life sciences study. The Coarsening of Solids and Liquid Mixtures study will help identify processes to build smarter and stronger materials. The Medaka study used fish as model to observe how vertebrates adapt to microgravity.	Transcript Link

2013 03 06	NASA Johnson	https://youtu.be/wtG78LgX-NE	ISS Update - March 6, 2013	The International Space Station update video for March 6, 2013.	Transcript Link
2013 03 05	NASA Johnson	https://youtu.be/CZMEMoxrjKY	Expedition 35 36 Final Exams	Three Expedition 35/36 crew members prepare for their final exams in their Sokol launch and entry suits at the Gagarin Cosmonaut Training Center in Star City, Russia. NASA astronaut Chris Cassidy and Roscosmos cosmonauts Pavel Vinogradov and Alexander Misurkin are scheduled to launch to the International Space Station on March 28, U.S. time (March 29, Kazakhstan time) in the Soyuz TMA-08M spacecraft.	Transcript Link
2013 03 05	NASA Johnson	https://youtu.be/rxE_EkaGbDg	ISS Update - March 5, 2013	The International Space Station update video for March 5, 2013.	Transcript Link
2013 03 04	NASA Johnson	https://youtu.be/0bOC00wkBmY	ISS Update - March 4, 2013	The International Space Station update video for March 4, 2013.	Transcript Link

2013 03 04	NASA Johnson	https://youtu.be/Im2hEma_a1E	Dragon Grapple and Berthing to Station	The SpaceX Dragon capsule is grappled by the International Space Station's robotic arm and berthed to the Harmony module on Sunday, March 3, 2013.	Transcript Link
2013 03 01	NASA Johnson	https://youtu.be/mscH1UEXsdg	ISS Update Weekly Recap for March 1, 2013	The International Space Station weekly recap video for Feb. 25-March 1, 2013.	Transcript Link
2013 03 01	NASA Johnson	https://youtu.be/FIfrN698g0Y	SpaceX Dragon Launches	The SpaceX Falcon 9 rocket carrying the Dragon spacecraft lifted off at 10:10 a.m. EST from Cape Canaveral Air Force Station in Florida, beginning its mission to resupply the International Space Station. The mission will mark the third trip by a Dragon capsule to the orbiting laboratory, following a demonstration flight in May 2012 and the first resupply mission in October 2012.	Transcript Link
2013 02 28	NASA Johnson	https://youtu.be/flDAxWxK984	ISS Update - Feb. 28, 2013	The International Space Station update video for Feb. 28, 2013.	Transcript Link

2013 02 28	NASA Johnson	https://youtu.be/gPxEyWFIoj4	Astronaut Connects With Phoenix Students	From NASA's International Space Station Mission Control Center, NASA astronaut Tracy Caldwell Dyson participates in a Digital Learning Network (DLN) event with students at Centennial Middle School in Phoenix. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 02 27	NASA Johnson	https://youtu.be/oES7QpePqMo	Preparing America for Deep Space Exploration Episode 1	NASA is continuing to make great strides towards sending humans farther than we have ever gone before. Take a look at the work being done by teams all across the nation on NASA's exploration programs, including the Space Launch System, the Orion Crew Capsule and the Ground System Development and Operations Program, as they continue to propel human spaceflight into the next generation.	Transcript Link
2013 02 27	NASA Johnson	https://youtu.be/Y1bDwYWpLPI	ISS Update Improving Crews' Efficiency With CRUISE	ISS Update commentator Pat Ryan talks with Mikael Wolff about the Crew User Interface System Enhancement (CRUISE) experiment taking place aboard the International Space Station.	Transcript Link
2013 02 27	NASA Johnson	https://youtu.be/ZVErKaF6J30	ISS Update - Feb. 27, 2013	The International Space Station update video for Feb. 27, 2013.	Transcript Link

2013 02 26	NASA Johnson	https://youtu.be/nNnDR_sQdsA	ISS Update SPHERES-VERTIGO	Since 2003, a trio of bowling-ball-sized free-flying satellites known as Synchronized Position Hold, Engage, Reorient, Experimental Satellites, or SPHERES, have been operating aboard the International Space Station in a variety of demonstrations to test techniques that could lead to advancements in automated dockings, satellite servicing, spacecraft assembly and emergency repairs. To date, these robots have relied upon special ultrasonic beacons to determine their position within the station. Now the SPHERES are being fitted with their own "goggles" -- a computer and stereoscopic camera setup named the Visual Estimation and Relative Tracking for Inspection of Generic Objects, or VERTIGO -- to demonstrate critical technologies for relative navigation based on a visual model. Brent Tweddle, a member of the MIT Space Systems Laboratory SPHERES-VERTIGO experiment team, recently spoke with ISS Update commentator Pat Ryan to discuss the technology behind these tests taking place aboard the station and its applicability for future spaceflight. Commenting on the appearance of the VERTIGO hardware, Tweddle remarked, "It's sort of funny the way that fell out. I mean, we weren't trying to make it look like anything, but a lot of people have commented it kind of looks like a WALL-E figure. But it really just fell out of the requirements."	Transcript Link
2013 02 26	NASA Johnson	https://youtu.be/qsDHbxhufO8	ISS Update - Feb. 26, 2013	The International Space Station update video for Feb. 26, 2013.	Transcript Link
2013 02 25	NASA Johnson	https://youtu.be/ZdMROMi8F0I	Tom Marshburn Talks Life Onboard Station	NASA astronaut Tom Marshburn, Expedition 34 flight engineer, talks about life aboard the orbiting International Space Station.	Transcript Link

2013 02 25	NASA Johnson	https://youtu.be/sQ0IsRY1XPY	ISS Update - Feb. 25, 2013	The International Space Station update video for Feb. 28, 2013.	Transcript Link
2013 02 22	NASA Johnson	https://youtu.be/eP36uID1_FY	ISS Update Weekly Recap for Feb. 22, 2013	The International Space Station weekly recap video for Feb. 18-22, 2013.	Transcript Link
2013 02 21	NASA Johnson	https://youtu.be/fmo_K4Ztq6M	Students Learn About SpaceX-2	From NASA's International Space Station Mission Control Center, Dorrie Tomayko, SpaceX-2 lead visiting vehicle officer, participates in a Digital Learning Network (DLN) event with students at Salt River High School in Scottsdale, Ariz. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2013 02 21	NASA Johnson	https://youtu.be/Vaa3Qm9PBj8	ISS Update SpaceX 2 Lead Visiting Vehicle Officer Dorrie Tomayko	NASA Public Affairs Officer Brandi Dean conducts an interview with SpaceX 2 Lead Visiting Vehicle Officer Dorrie Tomayko about the second commercial resupply mission to the International Space Station by SpaceX.	Transcript Link

2013 02 21	NASA Johnson	https://youtu.be/I8xCyURa7K0	Peter Gabriel Talks With Space Station Crew	Aboard the International Space Station, Expedition 34 Commander Kevin Ford of NASA, Flight Engineer Tom Marshburn of NASA and Flight Engineer Chris Hadfield of the Canadian Space Agency were treated to a late afternoon call from entertainer Peter Gabriel on Feb. 20 during a visit to the Johnson Space Center's ISS Flight Control Room at Mission Control in Houston. Gabriel and his family were the guests of astronaut Ron Garan during a tour of the center's facilities. Gabriel discussed life and work on orbit with the three crew members and was treated to a few chords of music from Hadfield, who is never far from his guitar aboard the orbital laboratory.	Transcript Link
2013 02 21	NASA Johnson	https://youtu.be/rkP9n_Me3eY	ISS Update - Feb. 21, 2013	The International Space Station update video for Feb. 21, 2013.	Transcript Link
2013 02 20	NASA Johnson	https://youtu.be/hxSXcIAFymA	ISS Update Meteorite and Asteroid Flyby	NASA Public Affairs Officer Brandi Dean conducts an interview with Lead Scientist For Planetary Small Bodies Paul Abell about the meteorite that hit Russia and the asteroid flyby that took place on Feb. 15. Asteroid 2012 DA14 is a small near-Earth asteroid that passed very close to Earth on Feb. 15, so close that it passed inside the ring of geosynchronous weather and communications satellites. The flyby provides a unique opportunity for researchers to study a near-Earth object up close. A meteor, which was about one-third the diameter of asteroid 2012 DA14, entered the atmosphere and disintegrated in the skies over Chelyabinsk, Russia, on Feb. 14. The trajectory of the Russia meteor was significantly different than the trajectory of the asteroid 2012 DA14, which hours later made its flyby of Earth, indicating that it was a completely unrelated object. The Russia meteor is the largest reported since 1908, when a meteor hit Tunguska, Siberia. NASA detects, tracks and characterizes asteroids and comets passing close to Earth using both ground- and space-based telescopes. The Near-Earth Object Observations Program, commonly called "Spaceguard," discovers these objects, characterizes a subset of them, and plots their orbits to determine if any could be potentially hazardous to our planet. Abell also talks briefly about orbital debris, or "space junk," which is	Transcript Link

2013 02 20	NASA Johnson	https://youtu.be/92uMIgfcs5Q	ISS Update - Feb. 20, 2013	The International Space Station update video for Feb. 20, 2013.	Transcript Link
2013 02 19	NASA Johnson	https://youtu.be/ghR2TxhnDb4	ISS Update - Feb. 19, 2013	The International Space Station update video for Feb. 19, 2013.	Transcript Link
2013 02 15	NASA Johnson	https://youtu.be/6J27cK4-KMY	ISS Update Weekly Recap for Feb. 15, 2013	The International Space Station weekly recap video for Feb. 11-15, 2013	Transcript Link
2013 02 14	NASA Johnson	https://youtu.be/WfOt8EFXO9M	Lead Capcom Hal Getzelman Talks With Students	From the International Space Station Flight Control Room, Capcom Chief Engineer Hal Getzelman participates in a Digital Learning Network (DLN) event with students from Clark Creek STEM Academy in Ackworth, Georgia. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts.	Transcript Link

2013 02 14	NASA Johnson	https://youtu.be/gIKb_rT_sV8	ISS Update Capcom Chief Engineer Hal Getzeiman	NASA Public Affairs Officer Nicole Cloutier conducts an interview with Capsule Communicator (capcom) Chief Engineer Hal Getzeiman about the capcom position and the duties he performs.	Transcript Link
2013 02 14	NASA Johnson	https://youtu.be/h-r1cMDhoKc	ISS Update - Feb. 14, 2013	The International Space Station update video for Feb. 14, 2013.	Transcript Link
2013 02 13	NASA Johnson	https://youtu.be/B_R48zlvCwA	SPHERES Smartphone Workbench	The Smart SPHERES space robot (Synchronized Position Hold, Engage, Reorient, Experimental Satellites) equipped with an Android smartphone performs a video survey inside of the International Space Station's Kibo laboratory in December 2012. The survey plan involves the robot flying in a lawnmower-like pattern to nine pre-defined "stations," or locations. The robot travels to each of these stations in consecutive order. Additionally, the robot examines a visual target taped to the wall of the station to help engineers on Earth assess the quality of the smartphone camera. This is the first time flight controllers on the ground commanded a free-flying robot to perform mobile camera work inside the station. The ability to remotely control robots has the potential to significantly improve flight controllers' real-time awareness of activities and systems on the station. This smartphone-enhanced SPHERES experiment is managed by the Intelligent Robotics Group at NASA's Ames Research Center, Moffett Field, Calif., with funding from the Technology Demonstration Missions (TDM) Program in the NASA Space Technology Program. The next Smart SPHERES activity will be in September, during which the ISS crew will control the Smart SPHERES to perform a visual inspection onboard. The crew interface will be the same as what was used last December.	Transcript Link

2013 02 13	NASA Johnson	https://youtu.be/ta1uPWcFpT0	ISS Update - Feb. 13, 2013	The International Space Station update video for Feb. 13, 2013.	Transcript Link
2013 02 12	NASA Johnson	https://youtu.be/TQEWlZRQQcM	ISS Update - Feb. 12, 2013	The International Space Station update video for Feb. 12, 2013.	Transcript Link
2013 02 11	NASA Johnson	https://youtu.be/wliA3ZGv9Ic	ISS Update Progress 50 Launch and Docking with Tom Erkenswick	NASA Public Affairs Officer Rob Navias conducts an interview with Visiting Vehicle Officer Tom Erkenswick about the launch of the ISS Progress 50 resupply ship and its docking to the International Space Station.	Transcript Link
2013 02 11	NASA Johnson	https://youtu.be/qjyGnv8rYrA	Station Cargo Craft Docks Six Hours After Launch	The unpiloted ISS Progress 50 cargo craft docked to the International Space Station at 3:35 p.m. EST Monday, less than six hours after launching from the Baikonur Cosmodrome in Kazakhstan.	Transcript Link

2013 02 11	NASA Johnson	https://youtu.be/c1zdm7DipQs	ISS Update - Feb. 11, 2013	The International Space Station update video for Feb. 11, 2013.	Transcript Link
2013 02 11	NASA Johnson	https://youtu.be/UnacW5KV2I4	Russian Cargo Ship Heads to Station	The ISS Progress 50 resupply ship launched from the Baikonur Cosmodrome in Kazakhstan at 9:41 a.m. EST (8:41 p.m. Kazakhstan time) Monday on an accelerated, four-orbit journey to rendezvous with the International Space Station.	Transcript Link
2013 02 09	NASA Johnson	https://youtu.be/8uy1-26JIj4	Russian Cargo Ship Departs Station	The ISS Progress 48 cargo craft undocked from the International Space Station's Pirs docking compartment at 8:15 a.m. EST Saturday, clearing the way for the launch of ISS Progress 50 Monday. Read more about the Progress 48 undocking: http://go.nasa.gov/XusjBY	Transcript Link
2013 02 08	NASA Johnson	https://youtu.be/SgGYBOjlny4	ISS Update Weekly Recap for Feb. 8, 2013	The International Space Station weekly recap for Feb. 4 - Feb. 8, 2013	Transcript Link

2013 02 07	NASA Johnson	https://youtu.be/yCqh_fc3lQk	ISS Update - Feb. 7, 2013	The International Space Station update video for Feb. 7, 2013.	Transcript Link
2013 02 06	NASA Johnson	https://youtu.be/dWi0Y1lfNBg	Orion Heats Up	The first Orion spacecraft is coming together in preparation for its test flight in 2014. Systems and parts are being built across the country before shipping to Kennedy Space Center in Florida, and the Mission Control Center in Houston is being transformed to support the flight from the ground. Learn more at http://www.nasa.gov/orion	Transcript Link
2013 02 06	NASA Johnson	https://youtu.be/Sky0FG6jBAM	NASA Astronaut Mike Fossum Talks With Students	From NASA's International Space Station Mission Control Center, NASA Astronaut Mike Fossum participates in a Digital Learning Network (DLN) event with students from Clark Creek STEM Academy in Ackworth, Georgia. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts.	Transcript Link
2013 02 06	NASA Johnson	https://youtu.be/EGX0cNd0ue0	ISS Update - Feb. 6, 2013	The International Space Station update video for Feb. 6, 2013.	Transcript Link

2013 02 05	NASA Johnson	https://youtu.be/nGb-ZW0frGU	Gene Cernan Speaks with Station Commander Kevin Ford	Apollo 17 Commander Gene Cernan visits the International Space Station Mission Control Center in Houston, Texas and has a brief conversation with Expedition 34 Commander Kevin Ford.	Transcript Link
2013 02 05	NASA Johnson	https://youtu.be/HeQa8KCC3h8	ISS Update - Feb. 5, 2013	The International Space Station update video for Feb. 5, 2013.	Transcript Link
2013 02 04	NASA Johnson	https://youtu.be/ZDAR4v3VDqw	ISS Update - Feb. 4, 2013	The International Space Station update video for Feb. 4, 2013.	Transcript Link
2013 02 04	NASA Johnson	https://youtu.be/Ybsq1KA274s	Behind the Scenes of NASA Johnson Style	Check out a behind the scenes look at the making of the NASA Johnson Style video.	Transcript Link

2013 02 01	NASA Johnson	https://youtu.be/juVkvcjE10o	ISS Update Record-Setting Science on Station	On Friday, Feb. 1, Expedition 34 Commander Kevin Ford and Flight Engineers Tom Marshburn and Chris Hadfield wrapped up a week that included a 67 hours of science work aboard the International Space Station, the greatest number of hours spent on science in one week by any Expedition crew so far. One important factor in reaching this milestone was the prioritization and coordination of station experiments by an international team headed by Vic Cooley, lead increment scientist. Cooley recently sat down with NASA Public Affairs Officer Brandi Dean in the station's Flight Control Room at the Mission Control Center in Houston to discuss his role as lead increment scientist and share some of the experiments performed by the Expedition 34 crew. Remarking upon the wide range of experiments that utilize the unique environment of the station Cooley noted, "That is one of the neat things about my job; I get the chance to learn about just the beauty of science and the nature that surrounds all of us. ... I'm truly happy to be a part of that."	Transcript Link
2013 02 01	NASA Johnson	https://youtu.be/VuVBXJbgfPY	ISS Update Weekly Recap for Feb. 1, 2013	The International Space Station weekly recap for Jan. 28 - Feb. 1, 2013	Transcript Link
2013 01 31	NASA Johnson	https://youtu.be/H66DDimfd8o	EVA Systems Flight Controller Talks With Students	From NASA's International Space Station Mission Control Center, EVA Systems Flight Controller Sandy Fletcher participates in a Digital Learning Network (DLN) event with students from Northtowne Elementary School in Columbus, Ohio. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts.	Transcript Link

2013 01 31	NASA Johnson	https://youtu.be/K-PQE-VEdhc	ISS Update Capillary Flow Experiments-2	NASA Public Affairs Officer Kelly Humphries interviews Dr. Mark Weislogel, Principal Investigator for the Capillary Flow Experiments-2 (CFE), from the Portland State University in Oregon. The CFE is a set of handheld experiments conducted by astronauts which observes the flow of liquids in microgravity using surface tension.	Transcript Link
2013 01 31	NASA Johnson	https://youtu.be/re2Uztpr6Hc	ISS Update ISTAR -- International Space Station Testbed for Analog Research	NASA Public Affairs Officer Kelly Humphries interviews Sandra Fletcher, EVA Systems Flight Controller. They discuss the International Space Station Testbed for Analog Research (ISTAR) activity that mimics robotic and remotely controlled activities that may one day be used on a voyage to Mars. The station offers a unique platform to test future exploration systems and operations because it provides a long-duration, zero-gravity space environment and the opportunity to evaluate many factors not available in other analog missions.	Transcript Link
2013 01 31	NASA Johnson	https://youtu.be/sLIUV2k57oo	ISS Update - Jan. 31, 2013	The International Space Station update video for Jan. 31, 2013.	Transcript Link

2013 01 30	NASA Johnson	https://youtu.be/8rpjoSlMGYg	ISS Update Studying Smart Fluids in Space	Aboard the orbiting International Space Station, an experiment known as Investigating the Structure of Paramagnetic Aggregates from Colloidal Emulsions-3, or InSPACE-3, is providing researchers with new insights into smart fluids whose properties change when influenced by a magnetic field. The principal investigator for InSPACE-3, Dr. Eric Furst of the University of Delaware, recently joined NASA Public Affairs Officer Kelly Humphries in the Mission Control Center in Houston via telephone to discuss the science behind this experiment and its potential benefits. InSpace-3 takes a look at a magnetorheological fluid, which consists of microscopic particles suspended in water that quickly transitions to solid when a magnetic field is applied. Furst and his team are investigating the underlying phenomena of how these particles come together and assemble into structures and how to control the process. Performing this experiment in the station's microgravity environment prevents the particles from falling out of suspension. By eliminating that effect, the results from InSPACE-3 become easier to generalize and apply to particles of all different sizes. "What we're especially interested in are particles that are really small," noted Furst, "nanoparticles that we can't necessarily do experiments easily like this with anywhere."	Transcript Link
2013 01 30	NASA Johnson	https://youtu.be/2X6goDUNoiM	ISS Update - Jan. 30, 2013	The International Space Station update video for Jan. 30, 2013.	Transcript Link
2013 01 29	NASA Johnson	https://youtu.be/d7NiO4PEi2A	ISS Update - Jan. 29, 2013	The International Space Station update video for Jan. 29, 2013.	Transcript Link

2013 01 28	NASA Johnson	https://youtu.be/jABL6bqdVzc	ISS Update - Jan. 28, 2013	The International Space Station update video for Jan. 28, 2013.	Transcript Link
2013 01 25	NASA Johnson	https://youtu.be/_5XOoqxb6g8	ISS Update Robotic Refueling Mission Payload Overview	Public Affairs Officer Kyle Herring talks by phone with Ben Reed, Deputy Project Manager of the Satellite Servicing Capabilities Office at Goddard Space Flight Center. They talk about the Robotic Refueling Mission (RRM) activities going on outside the International Space Station. The RRM is an experiment that uses Canadarm2 and Dextre to test techniques to service and refuel satellites to extend their original missions.	Transcript Link
2013 01 25	NASA Johnson	https://youtu.be/T9GqT6oZu6Y	ISS Update Weekly Recap for Jan. 25, 2013	The International Space Station weekly recap video for Jan. 21-25, 2013.	Transcript Link
2013 01 24	NASA Johnson	https://youtu.be/j7e16ECtZgY	Associate ISS Program Scientist Talks With Students	From NASA's International Space Station Mission Control Center, Associate ISS Program Scientist Pete Hasbrook participates in a Digital Learning Network (DLN) event with students from Clark Creek STEM Academy in Ackworth, Ga. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts.	Transcript Link

2013 01 24	NASA Johnson	https://youtu.be/JmXZgaMpDPw	ISS Update - Jan. 24, 2013	The International Space Station update video for Jan. 24, 2013.	Transcript Link
2013 01 23	NASA Johnson	https://youtu.be/wPCM623dutM	ISS Update - Jan. 23, 2013	The International Space Station update video for Jan. 23, 2013.	Transcript Link
2013 01 22	NASA Johnson	https://youtu.be/2yM-TIcZ8mo	ISS Update - Jan. 22, 2013	The International Space Station update video for Jan. 22, 2013.	Transcript Link
2013 01 18	NASA Johnson	https://youtu.be/QYv5nhKUBs8	Expedition 35 36 Science Briefing	Julie Robinson, ISS Program Scientist, discusses the research agenda for Expedition 35/36.	Transcript Link

2013 01 17	NASA Johnson	https://youtu.be/YUsdUvER8tM	ISS Update - Jan. 17, 2013	The International Space Station update video for Jan. 17, 2013.	Transcript Link
2013 01 16	NASA Johnson	https://youtu.be/JVp0mY7JNOE	Orion Exploration Mission-1 Animation	Animation of the Orion spacecraft's Exploration Mission-1 in 2017. Exploration Mission-1 will be the first integrated flight test with both the Orion spacecraft and NASA's new Space Launch System.	Transcript Link
2013 01 16	NASA Johnson	https://youtu.be/ZNhuIedTTqI	Bigelow Expandable Activity Module Installation Animation	An animation of the Bigelow Expandable Activity Module's extraction and installation on the International Space Station.	Transcript Link
2013 01 15	NASA Johnson	https://youtu.be/wjfoDC_6Qsg	ISS Update Robotic Refueling Mission	NASA Public Affairs Officer Josh Byerly conducts a phone interview with Benjamin Reed, Deputy Program Manager of NASA's Satellite Servicing Capabilities Office, about this week's Robotic Refueling Mission activities.	Transcript Link

2013 01 15	NASA Johnson	https://youtu.be/aPkMf56YXtc	ISS Update - Jan. 15, 2013	The International Space Station update video for Jan. 15, 2013.	Transcript Link
2013 01 14	NASA Johnson	https://youtu.be/iVDpESbzyLQ	ISS Update EarthKAM Mission	Coming up at the end of January, students around the world will once again have an opportunity to remotely program a camera aboard the International Space Station and take photographs of the Earth through an educational outreach program known as Earth Knowledge Acquired by Middle School Students, or EarthKAM. Diane Bowen, a teacher from Brunswick, Maine, recently joined NASA Public Affairs Officer Josh Byerly in the Mission Control Center in Houston via telephone to discuss her experiences with EarthKAM. By controlling a special digital camera aboard the station, students can photograph the Earth's coastlines, mountain ranges and other geographic items of interest from the unique vantage point of space. Bowen's students were able to capture images that showed the impacts of faulting, earthquakes, deforestation and other environmental changes. "We also got a picture of New Orleans right after Katrina, which was very sad," said Bowen, "but you could see the breaks in the levee ." Students and teachers can visit the EarthKAM website to learn more about this program and sign up to participate in the upcoming mission. For more info, visit: http://www.nasa.gov/station	Transcript Link
2013 01 14	NASA Johnson	https://youtu.be/zkgeELUO_2w	ISS Update - Jan. 14, 2013	The International Space Station update video for Jan. 14, 2013.	Transcript Link

2013 01 11	NASA Johnson	https://youtu.be/87oRyH52q3g	ISS Update Adam Naids on Creating NASA Johnson Style -- 01.11.13	The interview is preceded by the "NASA Johnson Style" video... Public Affairs Officer Dan Huot talks to Adam Naids, Hardware Development Engineer, one of the creators of the successful "Gangnam Style" parody video "NASA Johnson Style." Featured on NASA's YouTube channel ReelNASA, the video has accumulated over 4 million views.	Transcript Link
2013 01 11	NASA Johnson	https://youtu.be/4ZdGkeL2rhg	ISS Update Weekly Recap for Jan. 11, 2013	The International Space Station recap video for the week of Jan. 7-11, 2013.	Transcript Link
2013 01 11	NASA Johnson	https://youtu.be/z4pg_edw2_A	ISS Update Final Week for Long Time Flight Director Paul Dye -- 01.11.13	Public Affairs Officer Dan Huot sits down with Flight Director Paul Dye in the Station Flight Control Room. In his final week as a flight director, Dye discusses his experiences from the beginning with the shuttle program to his current role with the station program. Paul Dye began his career at NASA as a student from the University of Minnesota. He already had a commercial pilot's license and was an experienced diver before being hired as a flight controller. Dye describes the flight director's role as a leadership position rather than a management position. In Mission Control, Dye says a flight controller's two main duties are "flight safety and mission success." It was during STS-63, NASA's second mission to the Russian Mir space station, that Dye directed his first shuttle flight in 1995. He was flight director for 38 more missions and lead flight director during nine. He was also one of the flight directors for STS-135 in 2011, the final mission of the Space Shuttle Program.	Transcript Link
2013 01 11	NASA Johnson	https://youtu.be/mWr0pUYyODM	Meet the Students of NASA Johnson Style	Meet the Students behind the NASA Johnson Style video, NASA's most popular web video ever. The video highlights activities at Johnson Space Center and uses footage of the International Space Station, Mission Control, and JSC's Rocket Park. The lead singer is Eric Sim, a North Carolina State University aerospace engineering student, who breaks into the famous "Gangnam Style" dance.	Transcript Link

2013 01 10	NASA Johnson	https://youtu.be/CYl87KeObYo	ISS Update Students Test Their Satellite Control Skills -- 01.10.13	Public Affairs Officer Dan Huot conducts a phone interview with Dr. Alvar Saenz-Otero from the Massachusetts Institute of Technology (MIT). Saenz-Otero is the lead scientist for the SPHERES-Zero-Robotics experiment.	Transcript Link
2013 01 10	NASA Johnson	https://youtu.be/NBPe-XSSACk	ISS Update - Jan. 10, 2013	The International Space Station update video for Jan. 10, 2013.	Transcript Link
2013 01 09	NASA Johnson	https://youtu.be/ICJilxVH8e4	Station Program Scientist Talks With Students	From NASA's International Space Station Mission Control Center, Dr. Tara Ruttley, ISS Program Scientist, participates in a Digital Learning Network (DLN) event with students from Clark Creek STEM Academy in Acworth, Ga. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts.	Transcript Link
2013 01 09	NASA Johnson	https://youtu.be/J2286bF4CG0	ISS Update - Jan. 9, 2013	The International Space Station update video for Jan. 9, 2013.	Transcript Link

2013 01 08	NASA Johnson	https://youtu.be/Uy6ScRS3XC0	ISS Update - Jan. 8, 2013	The International Space Station update video for Jan. 8, 2013.	Transcript Link
2013 01 07	NASA Johnson	https://youtu.be/8ZqLNMGSRjY	ISS Update Robonaut 2	ISS Update commentator Pat Ryan sits down with Dr. Ron Diftler, Robonaut 2 project lead, to discuss the tests going on aboard the International Space Station with Robonaut 2 and the future plans for the first dexterous humanoid robot in space. Designed and built through a partnership between NASA and General Motors, Robonaut was conceived to take on tasks deemed too dangerous or mundane for astronauts, perhaps even venturing outside the complex someday to assist spacewalkers. Robonaut's form and dexterity allow it to use the same tools as its human counterparts aboard the station and eliminates the need for specialized tools just for robots. Recently, Robonaut worked with its first tool aboard space station -- a handheld air flow meter. Normally, astronauts collect air flow data by holding a wand and a meter in front of an air vent and relay that data to personnel on the ground by reporting the averages seen on the meter. "Actually, a perfect job for a robot," as Diftler points out, because "nothing can hold something still better than a robot." As Robonaut performed this task, personnel on the ground were able to use Robonaut's eyes to see the meter and acquire real-time data for the first time. The Robonaut team is now looking toward the future, with plans to eventually add climbing legs to the robot to provide it with the mobility needed to assist the crew both inside and outside the station.	Transcript Link
2013 01 07	NASA Johnson	https://youtu.be/cykQ1vtyPkA	ISS Update - Jan. 7, 2013	The International Space Station update video for Jan. 7, 2013.	Transcript Link

2013 01 04	NASA Johnson	https://youtu.be/UVWLpx5IDcA	ISS Update Weekly Recap for Jan. 4, 2013	The International Space Station recap video for the week of Dec. 31 2012 - Jan. 4, 2013.	Transcript Link
2013 01 03	NASA Johnson	https://youtu.be/52ANeHXvKPQ	ISS Update - Jan. 3, 2013	The International Space Station update video for Jan. 3, 2013.	Transcript Link
2013 01 02	NASA Johnson	https://youtu.be/HksVhjBHvI8	ISS Update - Jan. 2, 2013	The International Space Station update video for Jan. 2, 2013.	Transcript Link
2012 12 28	NASA Johnson	https://youtu.be/MI8W0HS2I70	New Year's Message From Space Station	Commander Kevin Ford and Flight Engineers Chris Hadfield and Tom Marshburn of the International Space Station's Expedition 34 crew send down their best wishes for a happy new year.	Transcript Link

2012 12 28	NASA Johnson	https://youtu.be/yCZew8p9O0Y	ISS Update Weekly Recap for Dec. 28, 2012	The International Space Station Weekly Recap for Dec. 28, 2012.	Transcript Link
2012 12 27	NASA Johnson	https://youtu.be/j-j3RjQmmZ0	ISS Update - Dec. 27, 2012	The International Space Station update video for Dec. 27, 2012.	Transcript Link
2012 12 26	NASA Johnson	https://youtu.be/pzEGn-P-id0	Station Crew Celebrates Christmas	Aboard the orbiting International Space Station, Expedition 34 Commander Kevin Ford, Russian Flight Engineers Oleg Novitskiy, Evgeny Tarelkin and Roman Romanenko, NASA Flight Engineer Tom Marshburn and Canadian Space Agency Chris Hadfield celebrated Christmas on the orbital laboratory Dec. 25, 2012 through song and downlink messages of cheer for flight controllers on the ground. The crew spent Christmas enjoying a joint meal with one another, sharing holiday greetings with their families in private conferences and soaking up the view of the Earth from the outpost.	Transcript Link
2012 12 26	NASA Johnson	https://youtu.be/7BeyCjpB3_Y	ISS Update - Dec. 26, 2012	The International Space Station video update for Dec. 26, 2012.	Transcript Link

2012 12 21	NASA Johnson	https://youtu.be/PfQsFMRCrBQ	Expedition 34 Welcomes New Trio	The Soyuz TMA-07M carrying new Expedition 34 crew members Chris Hadfield, Roman Romanenko and Tom Marshburn docked to the International Space Station's Rassvet module at 9:09 a.m. EST on Friday. The hatches between the Soyuz and the Rassvet module were opened at 11:37 a.m. and Expedition 34 Commander Kevin Ford and Flight Engineers Oleg Novitskiy and Evgeny Tarelkin welcomed their new crewmates aboard.	Transcript Link
2012 12 21	NASA Johnson	https://youtu.be/eWliKjdsvoU	Expedition 34 Crew Profile	Learn more about Expedition 34 Commander Kevin Ford and Flight Engineers Oleg Novitskiy, Evgeny Tarelkin, Tom Marshburn, Roman Romanenko and Chris Hadfield during this video profile.	Transcript Link
2012 12 20	NASA Johnson	https://youtu.be/zCgdN-rraFo	Station Crew Training Integrator Talks With Students	From NASA's International Space Station Mission Control Center, Expedition 34/35 Training Integrator Alicia Simpson participates in a Digital Learning Network (DLN) event with students from Christ the King School, Rutland, Vt. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts.	Transcript Link
2012 12 20	NASA Johnson	https://youtu.be/Il9i9pI1kbg	ISS Update How Canada and NASA Work Together to Support the Station	NASA Public Affairs Officer Kelly Humphries interviews Tim Braithwaite, Canadian Space Agency (CSA) Liaison Office Manager. The CSA Liaison Office is a small office at the Johnson Space Center (JSC) and the manager works with the space station program to ensure the agencies are working and communicating effectively together.	Transcript Link

2012 12 20	NASA Johnson	https://youtu.be/tng5OEkw9mE	ISS Update - Dec. 20, 2012	The International Space Station video update for Dec. 20, 2012.	Transcript Link
2012 12 19	NASA Johnson	https://youtu.be/xLYeZKDv0Ig	ISS Update Plants in Space	NASA Public Affairs Officer Kelly Humphries talks with Camille Alleyne, International Space Station Program Scientist, about the plant research taking place aboard the station. Dr. Anna-Lisa Paul, a research associate professor from the University of Florida, joins the conversation by phone to discuss one of those experiments: the Transgenic Arabidopsis Gene Expression System , or TAGES. TAGES uses genetically engineered plants with reporter genes that "report" back on the various reactions of the plants by using sensors sensitive to the stresses of spaceflight. Changes in the plants can be monitored in real time while on orbit. The reporter genes are visualized as a green fluorescent glow by imaging systems built into the hardware carrying the experiment. Plant research aboard the station has lead to a greater understanding of biological processes previously cloaked by gravity, and as researchers continue to gain new knowledge of how plants grow and develop at a molecular level, this insight also may lead to significant advances in agriculture production on Earth. The ability of plants to provide a source of food and recycle carbon dioxide into breathable oxygen also may prove critical for astronauts as NASA sends humans deeper into space than ever before.	Transcript Link
2012 12 19	NASA Johnson	https://youtu.be/NIIuweV1JYw	New Expedition 34 Trio Makes Final Preparations Before Launch	Expedition 34 crew members Chris Hadfield, Roman Romanenko and Tom Marshburn are seen during final launch preparations to join orbiting crewmates Commander Kevin Ford, Oleg Novitskiy and Evgeny Tarelkin. They take a few moments to say goodbye to family and friends. The trio is also blessed by a Russian Orthodox priest when they leave crew quarters. They don their Sokol launch and entry suits before heading to the launch pad at Baikonur Cosmodrome, Kazakhstan. Finally, they meet mission officials who greet them before they climb into the Soyuz TMA-07M spacecraft. The station's newest trio launched at 7:12 a.m. EST (6:12 p.m. Baikonur time) Dec. 19, 2012.	Transcript Link

2012 12 19	NASA Johnson	https://youtu.be/gKlL4ohKaDU	New Trio Launches to Join Expedition 34	The Soyuz TMA-07M spacecraft launched from the Baikonur Cosmodrome in Kazakhstan to the International Space Station at 7:12 a.m. EST on Wednesday, Dec. 19.	Transcript Link
2012 12 18	NASA Johnson	https://youtu.be/ROzCgKtsGTQ	Commander Kevin Ford Offers Holiday Greetings from Space	From 250 miles above the Earth Expedition 34 Commander Kevin Ford of NASA downlinked his holiday greetings from the Destiny laboratory on the International Space Station.	Transcript Link
2012 12 18	NASA Johnson	https://youtu.be/U_e7lbeAv9Q	Flight Engineer Chris Hadfield Offers Holiday Greetings from Russia (French version)	Canadian Space Agency Flight Engineer Chris Hadfield offered his greetings from Russia before departing for the Baikonur Cosmodrome in Kazakhstan where he will launch Dec. 19 on a Soyuz TMA-07M spacecraft to join Expedition 34 on the station.	Transcript Link
2012 12 18	NASA Johnson	https://youtu.be/wxDbL81pW70	Flight Engineer Chris Hadfield Offers Holiday Greetings from Russia (English version)	Canadian Space Agency Flight Engineer Chris Hadfield offered his greetings from Russia before departing for the Baikonur Cosmodrome in Kazakhstan where he will launch Dec. 19 on a Soyuz TMA-07M spacecraft to join Expedition 34 on the station.	Transcript Link

2012 12 18	NASA Johnson	https://youtu.be/HfuUFBQIdfg	Flight Engineer Tom Marshburn Offers Holiday Greetings from Russia	NASA Flight Engineer Tom Marshburn offered his greetings from Russia before departing for the Baikonur Cosmodrome in Kazakhstan where he will launch Dec. 19 on a Soyuz TMA-07M spacecraft to join Expedition 34 on the station.	Transcript Link
2012 12 18	NASA Johnson	https://youtu.be/jl2LgoCwypg	ISS Update - Dec. 18, 2012	The International Space Station video update for Dec. 18, 2012.	Transcript Link
2012 12 17	NASA Johnson	https://youtu.be/EbQrLoFiutk	ISS Update Integrating International Training for the Crew	NASA Public Affairs Officer Kelly Humphries interviews Alicia Simpson, Expedition 34/35 Training Integrator, about organizing the international training required for station crew members. Station crews learn everything from Russian station systems, Canadian robotics to Japanese experiments. Simpson works with the International Partners building a training plan that lasts about 2 ½ years for crew members. Expedition crews train all over the world in places such as Russia, America, Japan, Europe and Canada. Simpson says that orbiting crew members often report back saying living and working in space is just like their training experiences. She works for United Space Alliance and has worked for both the Shuttle and Station programs.	Transcript Link
2012 12 17	NASA Johnson	https://youtu.be/uIL9CStXN0c	ISS Update - Dec. 17, 2012	The International Space Station video update for Dec. 17, 2012.	Transcript Link

2012 12 14	NASA Johnson	https://youtu.be/Nzm3aaxTXUs	Environmental Scientist Chemist Dan Gazda Speaks With Students	From NASA's International Space Station Mission Control Center, Environmental Scientist/Chemist Dan Gazda participates in a Digital Learning Network (DLN) event with students at from St. Peter's Prep High School, Jersey City, New Jersey. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts.	Transcript Link
2012 12 14	NASA Johnson	https://youtu.be/vPHM-rR4wN4	iSS	Learn more about NASA:- www.nasa.gov Learn more about the International Space Station: http://www.nasa.gov/station Sign up to get space station sighting information sent to you: spotthestation.nasa.gov/ Are you a student? Check out: JSC Students- www.facebook.com/nasa.jsc.students www.twitter.com/nasajscstudents Students at Johnson Space Center sit down and talk about the extraordinary feat of engineering called the International Space Station. This football-sized castle in space is the home of astronauts and cosmonauts that conduct scientific experiments for the benefit of the human race.	Transcript Link
2012 12 14	NASA Johnson	https://youtu.be/scO2FD-Ku2o	ISS Update Nutrition Manager Talks About Children's Book Space Nutrition	NASA Public Affairs Officer Brandi Dean interviews Scott Smith, Manager of Nutritional Biochemistry at Johnson Space Center, about the children's book he co-authored called "Space Nutrition." The book talks about the history of spaceflight, the various space programs and of course space food. Smith talks about how the project developed from a newsletter with illustrations to a children's book. In the book he introduces the "scientific method" and highlights current space experiments and various nutrients and vitamins. Smith says the book is useful for 5th -- 8th graders who are curious about what's going on in space. There is also a teacher's guide to adapt the material for the classroom. However, the author wants the book to be helpful to everyone. The book is available in two forms: a PDF document version and an interactive iBook version for use on iPads. Both can be accessed for free at: http://www.nasa.gov/centers/johnson/slsd/about/divisions/hacd/education/kids-zone.html The interactive iBook is also directly available for free at iTunes: http://itunes.apple.com/us/book/space-nutrition/id515790608?ls=1	Transcript Link

2012 12 14	NASA Johnson	https://youtu.be/xEaPpLW_ybY	Expedition 34 Crew Prepares for Soyuz Launch	At the Baikonur Cosmodrome in Kazakhstan, Tom Marshburn of NASA, Roman Romanenko of the Russian Federal Space Agency and Chris Hadfield of the Canadian Space Agency prepare for their Dec. 19 launch aboard the Soyuz TMA-07M spacecraft to join their Expedition 34 crewmates on the International Space Station.	Transcript Link
2012 12 14	NASA Johnson	https://youtu.be/2Sar5WT76kE	NASA Johnson Style (Gangnam Style Parody)	Learn more about NASA: http://www.nasa.gov Learn more about the International Space Station: http://www.nasa.gov/station Sign up to get space station sighting information sent to you: http://spotthestation.nasa.gov/ For students interested in NASA Johnson Space Center: http://www.facebook.com/nasa.jsc.students http://www.twitter.com/nasajscstudents NASA Johnson Style is a volunteer outreach video project created by the students of NASA's Johnson Space Center. It was created as an educational parody of Psy's Gangnam Style. The lyrics and scenes in the video have been re-imagined in order to inform the public about the amazing work going on at NASA and the Johnson Space Center. To Learn About The Students Who Created "NASA Johnson Style" visit: http://www.nasa.gov/centers/johnson/home/jsc_gangnam_style.html Special thanks to astronauts Tracy Caldwell Dyson, Mike Massimino and Clay Anderson Special thanks to Mr. Mike Coats, Dr. Ellen Ochoa, and all supporting senior staff members "NASA Johnson Style" Lyrics:	Transcript Link
2012 12 14	NASA Johnson	https://youtu.be/ID3YK5W_GEE	ISS Update Weekly Recap for Dec. 14, 2012	The International Space Station Weekly Recap for Dec. 14, 2012.	Transcript Link

2012 12 13	NASA Johnson	https://youtu.be/8sWDEmYuiRQ	ISS Update - Dec. 13, 2012	The International Space Station video update for Dec. 13, 2012.	Transcript Link
2012 12 13	NASA Johnson	https://youtu.be/Fsdis4DRxDA	ISS Update SPHERES with Telerobotics Project Manager Terry Fong	NASA Public Affairs Officer Brandi Dean talks with Terry Fong, Telerobotics Project Manager, about how the Synchronized Position, Hold, Engage and Reorient Experimental Satellites, or SPHERES, are being used for a Human Exploration Telerobotics test. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 12 12	NASA Johnson	https://youtu.be/7__bPjpgmJA	ISS Update - Dec. 12, 2012	The International Space Station video update for Dec. 12, 2012.	Transcript Link
2012 12 11	NASA Johnson	https://youtu.be/UqCeche3Mqw	ISS Update - Dec. 11, 2012	The International Space Station video update for Dec. 11, 2012.	Transcript Link

2012 12 10	NASA Johnson	https://youtu.be/8-KaQ0TtebI	ISS Update - Dec. 10, 2012	The International Space Station video update for Dec. 10, 2012.	Transcript Link
2012 12 07	NASA Johnson	https://youtu.be/9fYOcspAxPI	ISS Update Kennedy Space Center Director Robert Cabana	NASA Public Affairs Officer Kyle Herring talks with Robert Cabana, Kennedy Space Center Director, about his career over the years with NASA and the space agency's future. Selected as an astronaut by NASA in June 1985, Cabana is a veteran of four shuttle flights, including STS-41, STS-53, STS-65 and STS-88. He has also held a variety of management positions at NASA, including Chief of NASA's Astronaut Office, Deputy Director of the Johnson Space Center, Director of the Stennis Space Center and Director of Kennedy Space Center. He also talked about the future of human spaceflight including the transition from the space shuttle program to the Commercial Crew Program, as well as NASA's progress with the Orion program. Read more about Robert Cabana: http://www.jsc.nasa.gov/Bios/htmlbios/cabana.html Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 12 07	NASA Johnson	https://youtu.be/oU-A5NPZiQw	ISS Update Weekly Recap for Dec. 7, 2012	The International Space Station Weekly Recap for Dec. 7, 2012.	Transcript Link
2012 12 07	NASA Johnson	https://youtu.be/erwprCm_WCE	ISS Update Interview with Expedition 34 Flight Engineer Expedition 35 Commander Chris Hadfield	NASA Public Affairs Officer Kyle Herring conducts a telephone interview Dec. 4, 2012, with Canadian Space Agency astronaut and Expedition 34 Flight Engineer Chris Hadfield. A new Expedition 34 trio is scheduled to launch Dec. 19 from Baikonur Cosmodrome, Kazakhstan, and join their orbiting crewmates on the International Space Station. Joining Hadfield for their launch aboard the Soyuz TMA-07M spacecraft are Flight Engineers Roman Romanenko and Tom Marshburn. Hadfield will also become Expedition 35 commander when Expedition 34 crew members Kevin Ford, Oleg Novitskiy and Evgeny Tarelkin undock in their Soyuz TMA-06M spacecraft in March. Hadfield will be Canada's first commander of the space station.	Transcript Link

2012 12 06	NASA Johnson	https://youtu.be/9LbZYdwJ1AQ	ISS Update Interview with Expedition 34 35 Flight Engineer Tom Marshburn	NASA Public Affairs Officer Kyle Herring conducts a telephone interview Dec. 3, 2012, with NASA astronaut and Expedition 34 Flight Engineer Tom Marshburn. A new Expedition 34 trio is scheduled to launch Dec. 19 from Baikonur Cosmodrome, Kazakhstan, and join their orbiting crewmates on the International Space Station. Joining Marshburn for their launch aboard the Soyuz TMA-07M spacecraft are Flight Engineers Chris Hadfield and Roman Romanenko. Marshburn will stay behind and become an Expedition 35 flight engineer when Expedition 34 crew members Kevin Ford, Oleg Novitskiy and Evgeny Tarelkin undock in their Soyuz TMA-06M spacecraft in March.	Transcript Link
2012 12 06	NASA Johnson	https://youtu.be/FuAtgQGSzL8	ISS Update Orion Recovery and Rescue Lead Tom Walker	NASA Public Affairs Officer Brandi Dean talks with Tom Walker, Orion Recovery and Rescue Lead, about how the Neutral Buoyancy Laboratory (NBL) is being used to train rescue and recovery personnel for Orion capsule water recovery operations. Orion's Exploration Flight Test 1 mission, set for 2014, will see an unmanned Orion capsule launch then land in the ocean off of the coast of Baja, Calif. The recovery operation calls for the capsule to be pulled out of the water and on to a ship, and then brought back to port. The first crewed test flight, currently set for 2021, will involve rescue operations in addition to the capsule recovery. The NBL training helps the rescue and recovery team develop new equipment and as well as rescue and recovery methods. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 12 06	NASA Johnson	https://youtu.be/yxgxUOuq9jo	ISS Update NBL Orion Flight Lead Tim Goddard	NASA Public Affairs Officer Brandi Dean talks with Tim Goddard, Neutral Buoyancy Laboratory (NBL) Orion Flight Lead, about how the NBL is used to train rescue and recovery personnel for future Orion missions. The NBL is basically a giant swimming pool that NASA team members use to develop flight procedures, verify hardware compatibility, train astronauts and refine spacewalk procedures during flight that are necessary to ensure mission success. The NBL is currently being used to train rescue and recovery personnel for Orion capsule water recovery operations. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 12 06	NASA Johnson	https://youtu.be/kEr08rxpvoo	Astronaut Alvin Drew Speaks With Phoenix Students	From NASA's International Space Station Mission Control Center, NASA astronaut Alvin Drew participates in a Digital Learning Network (DLN) event with students at Monterey Park in Phoenix. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link

2012 12 06	NASA Johnson	https://youtu.be/GCLnpUiNUVw	ISS Update - Dec. 6, 2012	The International Space Station video update for Dec. 6, 2012.	Transcript Link
2012 12 06	NASA Johnson	https://youtu.be/HsFzBhIpqII	Expedition 34 35 Crew Departs Star City	Expedition 34/35 Soyuz Commander Roman Romanenko, NASA Flight Engineer Tom Marshburn and Canadian Space Agency Flight Engineer Chris Hadfield participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia outside Moscow Dec. 6. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete training for their launch to the International Space Station in the Soyuz TMA-07M spacecraft Dec. 19.	Transcript Link
2012 12 04	NASA Johnson	https://youtu.be/PBA0IIkBhtQ	ISS Update - Dec. 4, 2012	The International Space Station video update for Dec. 4, 2012.	Transcript Link
2012 12 03	NASA Johnson	https://youtu.be/BDJbOkGI3Y8	ISS Update - Dec. 3, 2012	The International Space Station video update for Dec. 3, 2012.	Transcript Link

2012 11 30	NASA Johnson	https://youtu.be/IpQjwlCnw7k	ISS Update Weekly Recap for Nov. 30, 2012	The International Space Station Weekly Recap for Nov. 30, 2012.	Transcript Link
2012 11 29	NASA Johnson	https://youtu.be/H1NRIs7M-DE	Expedition 34 35 Mission Overview	Commander Kevin Ford leads Expedition 34 as the six-member crew conducts science and research that cannot be performed on Earth. Ford and the other five crew members Flight Engineers Oleg Novitskiy, Evgeny Tarelkin, Chris Hadfield, Roman Romanenko and Tom Marshburn, discuss the challenges and opportunities of living and working in space. Expedition 34/35 expects visits from a Russian and European cargo vehicle as well as two commercial cargo craft vehicles, the SpaceX Dragon and Orbital Sciences' Cygnus.	Transcript Link
2012 11 29	NASA Johnson	https://youtu.be/2oc1avweaeY	Expedition 34 35 Crew Profile, Version 1	Learn more about Flight Engineers Chris Hasfield, Roman Romanenko and Tom Marshburn of the International Space Station's Expedition 34/35 crew. The trio is set to launch in December to join their Expedition 34 crewmates -- Commander Kevin Ford and Flight Engineers Oleg Novitskiy and Evgeny Tarelkin-- who have been aboard the station since Oct. 25.	Transcript Link
2012 11 29	NASA Johnson	https://youtu.be/I8q4ZVg6Nbw	Expedition 34 35 Crew Members Visit Red Square and the Kremlin	Space Station crew members Chris Hadfield, Roman Romanenko and Tom Marshburn placed flowers at the Kremlin Wall in Red Square in Moscow, Russia, as part of ceremonial activities leading to their launch to the International Space Station on Dec. 19 launch.	Transcript Link

2012 11 29	NASA Johnson	https://youtu.be/FOPZVavOHPo	ISS Update - Nov. 29, 2012	The International Space Station video update for Nov. 29, 2012.	Transcript Link
2012 11 28	NASA Johnson	https://youtu.be/IQZU5BITfj8	ISS Update - Nov. 28, 2012	The International Space Station video update for Nov. 28, 2012.	Transcript Link
2012 11 28	NASA Johnson	https://youtu.be/QVK_TWXgPMA	Expedition 34 Final Training	The Expedition 34 crew members conduct final training at the Gagarin Cosmonaut Training Center before their Dec. 19 launch to the International Space Station. Flight Engineers Chris Hadfield, Roman Romanenko and Tom Marshburn are in Star City, Russia, conducting Russian Soyuz and Russian segment qualification exams and simulations.	Transcript Link
2012 11 27	NASA Johnson	https://youtu.be/UodoCmLxK7g	ISS Update - Nov. 27, 2012	The International Space Station video update for Nov. 27, 2012.	Transcript Link

2012 11 26	NASA Johnson	https://youtu.be/bzb0r_KHYYo	ISS Update - Nov. 26, 2012	The International Space Station video update for Nov. 26, 2012.	Transcript Link
2012 11 21	NASA Johnson	https://youtu.be/SMJ8wb4-uz8	ISS Update - Nov. 21, 2012	The International Space Station video update for Nov. 21, 2012.	Transcript Link
2012 11 21	NASA Johnson	https://youtu.be/rbnipg_DsJk	ISS Update Packing and Preparing Space Food (Part 2)	Public Affairs Officer Amiko Kauderer talks with NASA Food Scientist Vickie Kloeris at Johnson Space Center's Space Food Laboratory. They are inside the Packaging Room that filters out contaminants and packages food for the astronauts. Beverages, freeze-dried food and snacks such as cookies and M&Ms are packaged here.	Transcript Link
2012 11 21	NASA Johnson	https://youtu.be/mRkI2vorhD8	ISS Update Packing and Preparing Space Food (Part 1)	Public Affairs Officer Amiko Kauderer talks with NASA Food Scientist Vickie Kloeris at Johnson Space Center's Space Food Laboratory. They talk about preparing a Thanksgiving dinner for the residents of the International Space Station.	Transcript Link

2012 11 21	NASA Johnson	https://youtu.be/jbZ7lDlVeIo	Station Tour Cupola and Leonardo	Expedition 33 Commander Suni Williams continues the tour of the International Space Station with a look at the station's observation deck, known as the cupola, as well as the Advanced Resistive Exercise Device in the Tranquility node, before heading into the Leonardo Permanent Multi-Purpose Module. Harmony, Tranquility, Unity: http://www.youtube.com/watch?v=tBVUTFPate0 Destiny, Columbus, Kibo: http://www.youtube.com/watch?v=ntYP7cRozhk Zarya and Zvezda: http://www.youtube.com/watch?v=IJT0FMN_Ua0	Transcript Link
2012 11 21	NASA Johnson	https://youtu.be/IJT0FMN_Ua0	Station Tour Zarya and Zvezda	Expedition 33 Commander Suni Williams concludes her tour of the International Space Station with a visit to the Russian segment, which includes Zarya, the first segment of the station launched in 1998, and Zvezda, the central command post. She also takes a look at the Poisk and Rassvet modules where Soyuz spacecraft are docked. Harmony, Tranquility, Unity: http://www.youtube.com/watch?v=tBVUTFPate0 Destiny, Columbus, Kibo: http://www.youtube.com/watch?v=ntYP7cRozhk Cupola and Leonardo: http://www.youtube.com/watch?v=jbZ7lDlVeIo	Transcript Link
2012 11 20	NASA Johnson	https://youtu.be/ntYP7cRozhk	Station Tour Destiny, Columbus, Kibo	Expedition 33 Commander Suni Williams continues the International Space Station tour with a look at the Destiny, Kibo and Columbus laboratory modules as well as the Quest airlock. Harmony, Tranquility, Unity: http://www.youtube.com/watch?v=tBVUTFPate0 Cupola and Leonardo: http://www.youtube.com/watch?v=jbZ7lDlVeIo Zarya and Zvezda: http://www.youtube.com/watch?v=IJT0FMN_Ua0	Transcript Link
2012 11 20	NASA Johnson	https://youtu.be/tBVUTFPate0	Station Tour Harmony, Tranquility, Unity	Expedition 33 Commander Suni Williams starts off her tour of the International Space Station with a look at its nodes -- Harmony, Tranquility and Unity -- which include the crew's sleeping quarters and hygiene station. Destiny, Columbus, Kibo: http://www.youtube.com/watch?v=ntYP7cRozhk Cupola and Leonardo: http://www.youtube.com/watch?v=jbZ7lDlVeIo Zarya and Zvezda: http://www.youtube.com/watch?v=IJT0FMN_Ua0	Transcript Link

2012 11 20	NASA Johnson	https://youtu.be/ofTSZR3dC4g	Expedition 34 Thanksgiving Message	Expedition 34 Commander Kevin Ford shares a Thanksgiving message from the International Space Station. Ford demonstrates how the crew will spend the holiday on orbit and describes the menu he and his two crewmates will share on Thursday. Flight Engineers Oleg Novitskiy and Evgeny Tarelkin joined Ford to send their best wishes in Russian.	Transcript Link
2012 11 19	NASA Johnson	https://youtu.be/K758hr-hxGw	ISS Update - Nov. 19, 2012	The International Space Station video update for Nov. 19, 2012.	Transcript Link
2012 11 19	NASA Johnson	https://youtu.be/xZCpL50SyIE	Expedition 33 Post-Landing Activities	Expedition 33 Commander Suni Williams and Flight Engineers Aki Hoshide and Yuri Malenchenko are greeted by local and space officials at an airport in Kostanay, Kazakhstan, after completing their mission. They landed after 127 days in space and 125 days aboard the station on Sunday Nov. 18, 2012.	Transcript Link
2012 11 19	NASA Johnson	https://youtu.be/aY84PEAZETE	Expedition 33 Lands in the Snowy Steppe of Kazakhstan	Expedition 33 Commander Suni Williams and Flight Engineers Aki Hoshide and Yuri Malenchenko undocked from the International Space Station in their Soyuz TMA-05M spacecraft at 5:26 p.m. EST Sunday Nov. 18, 2012. The trio landed just before sunrise in the snowy steppe of Kazakhstan at 8:56 p.m. Sunday (7:56 a.m. Monday, Kazakhstan time).	Transcript Link

2012 11 19	NASA Johnson	https://youtu.be/TVFy0OTPsuQ	Expedition 33 Says Goodbye and Closes The Hatches	Expedition 33 Commander Suni Williams and Flight Engineers Aki Hoshide and Yuri Malenchenko entered their Soyuz TMA-05M spacecraft to end their mission aboard the International Space Station on Sunday Nov. 18, 2012. Expedition 34 Commander Kevin Ford and Flight Engineers Oleg Novitskiy said goodbye to their home bound crewmates and closed the hatches betweeen the Soyuz and the station. They undocked and landed several hours later just before sunrise in the snowy steppe of Kazakhstan.	Transcript Link
2012 11 19	NASA Johnson	https://youtu.be/15hN0cmoaYU	Expedition 33 34 Change of Command Ceremony	Expedition 33 Commander Suni Williams hands over station command to Expedition 34 Commander Kevin Ford in a ceremony that took place Saturday Nov. 17, 2012. Williams returned to Earth with two crewmates the following day landing in Kazakhstan inside the Soyuz TMA-05M spacecraft.	Transcript Link
2012 11 17	NASA Johnson	https://youtu.be/d777X1E1ga8	Expedition 33 34 Change of Command	Expedition 33 Commander Suni Williams ceremonially handed over command of the International Space Station on Saturday to fellow NASA astronaut Kevin Ford on the eve of her departure from the complex along with Aki Hoshide of the Japan Aerospace Exploration Agency and Russian Soyuz Commander Yuri Malenchenko.	Transcript Link

2012 11 16	NASA Johnson	https://youtu.be/esbzReqv4ts	ISS Update NASA Astronaut Anna Fisher	ISS Update Commentator Pat Ryan interviews Dr. Anna Fisher, NASA Astronaut, about her flight on STS-51A on the anniversary of its landing, her NASA history and current work. Dr. Anna Fisher began her career at NASA when she was selected as an astronaut candidate in 1978. She has worked for NASA in a variety of capacities over the years, including crew representative, mission specialist, Chief of the Space Station branch and CAPCOM. Her first trip to space happened in 1984 aboard space shuttle Discovery on the STS-51A mission. Today marks the anniversary of the successful completion of that mission when Discovery landed at Kennedy Space Center in Florida. Fisher says that during that mission, the crew deployed two satellites and retrieved the Palapa B-2 and Westar VI satellites for return to Earth, making it the first space salvage mission in history. Fisher says that becoming an astronaut has always been her dream job and was something she has wanted to do since she was 12 years old. Read more about Anna Fisher: http://www.jsc.nasa.gov/Bios/htmlbios/fisher-a.html	Transcript Link
2012 11 16	NASA Johnson	https://youtu.be/L2Wx5w9-KnQ	Johnson Space Center 2012 Highlights	The year has seen many highlights at NASA's Johnson Space Center, Houston in the realm of human spaceflight exploration, international and commercial partnerships, and research and technology development.	Transcript Link
2012 11 16	NASA Johnson	https://youtu.be/HX9l_DtrhIQ	ISS Update Weekly Recap for Nov. 16, 2012	The International Space Station Weekly Recap for Nov. 16, 2012.	Transcript Link

2012 11 15	NASA Johnson	https://youtu.be/CpLvIxrBEx0	ISS Update - Nov. 15, 2012	The International Space Station video update for Nov. 15, 2012.	Transcript Link
2012 11 14	NASA Johnson	https://youtu.be/9J-xkMH558E	ISS Update Station Crew Departure Preps	As three Expedition 33 crew members spend their final week aboard the International Space Station preparing for their return to Earth, NASA astronaut Dan Burbank joined ISS Update commentator Pat Ryan at the PAO console in Mission Control Houston to explain the process. It's a topic near and dear to Burbank as he made that same journey April 27 after spending more than five months aboard the orbiting complex as an Expedition 29 flight engineer and commander of Expedition 30. Expedition 33 Commander Suni Williams and Flight Engineers Aki Hoshide and Yuri Malenchenko are scheduled to undock from the station at 5:26 p.m. EST Sunday aboard their Soyuz TMA-05M spacecraft and land in the steppe of Kazakhstan a little over three hours later. However before that happens, they will need to complete packing their gear, readying the vehicle and preparing themselves mentally for the return home. As Burbank points out, returning to Earth after to living and working in the unique environment of the space station requires some big adjustments. "You need to spend a little bit of time -- and it's hard to do because it's very busy in the last couple of weeks -- looking out the window, internalizing, writing to your personal hard drive, if you will, those experiences," said Burbank, "because pretty soon they're going to be behind you."	Transcript Link
2012 11 14	NASA Johnson	https://youtu.be/z5yxS7Wqd7A	ISS Update - Nov. 14, 2012	The International Space Station video update for Nov. 14, 2012.	Transcript Link

2012 11 13	NASA Johnson	https://youtu.be/KfAluCg8Qb4	ISS Update Earth Knowledge Acquired by Middle School Students (EarthKAM)	ISS Update commentator Pat Ryan talks to Brion Au, Earth Knowledge Acquired by Middle School Students (EarthKAM) Payload Developer, about the EarthKAM investigation being performed aboard the International Space Station this week. EarthKAM is a NASA education program that enables thousands of students to photograph and examine Earth from a space crew's perspective. Using the Internet, the students control a special digital camera mounted aboard the station. This enables them to photograph the Earth's coastlines, mountain ranges and other geographic items of interest from the unique vantage point of space. The team at EarthKAM then posts these photographs on the Internet for the public and participating classrooms around the world to view. Au says that one of the things that makes EarthKAM so unique is that it is a science payload for students, controlled by students. He says that the students have direct control of the camera aboard the station. The images are not a result of someone else's research; these are images that the students have actually targeted via web page tools provided to them. The images are then sent to the students on the ground for study. For more info on EarthKAM: http://www.nasa.gov/mission_pages/station/research/experiments/EarthKAM.html http://www.earthkam.ucsd.edu	Transcript Link
2012 11 13	NASA Johnson	https://youtu.be/ECwir9-jhoI	ISS Update - Nov. 13, 2012	The International Space Station video update for Nov. 13, 2012.	Transcript Link
2012 11 09	NASA Johnson	https://youtu.be/mpXcdOQeSHg	ISS Update - Nov. 9, 2012	The International Space Station video update for Nov. 9, 2012.	Transcript Link

2012 11 08	NASA Johnson	https://youtu.be/BHuh4xoCziY	ISS Update - Nov. 8, 2012	The International Space Station video update for Nov. 8, 2012.	Transcript Link
2012 11 07	NASA Johnson	https://youtu.be/EHf9Gy-hVAw	ISS Update - Nov. 7, 2012	The International Space Station video update for Nov. 7, 2012.	Transcript Link
2012 11 06	NASA Johnson	https://youtu.be/BhU2a4RydlQ	ISS Update SPARTAN and the Spacewalk -- 11.06.12	NASA Public Affairs Officer Kelly Humphries talks with Anthony Vareha, International Space Station SPARTAN flight controller. SPARTAN, short for Station Power Articulation and Thermal Analysis, is in charge of the station's electrical systems, the solar arrays and external thermal control systems. SPARTAN was monitoring an ammonia leak on a photovoltaic radiator on the station's truss structure and noticed an increasing rate of flow. They worked with mission managers and other flight controllers to identify a way to bypass the leak and ensure ongoing power for critical station systems. Expedition 33 crew members Suni Williams and Aki Hoshide conducted a spacewalk on Nov. 1 to stop the flow and reroute the ammonia. SPARTAN is continuing to monitor the ammonia flow and evaluating if more troubleshooting is necessary. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 11 06	NASA Johnson	https://youtu.be/nP2M7HtnAKk	ISS Update - Nov. 6, 2012	The International Space Station video update for Nov. 6, 2012.	Transcript Link

2012 11 05	NASA Johnson	https://youtu.be/Gi9JaLp0iSc	ISS Update - Nov. 5, 2012	The International Space Station video update for Nov. 5, 2012.	Transcript Link
2012 11 02	NASA Johnson	https://youtu.be/mCd1wFp-1Sk	ISS Update Weekly Recap for Nov. 2, 2012	The International Space Station Weekly Recap for Nov. 2, 2012.	Transcript Link
2012 10 31	NASA Johnson	https://youtu.be/s5WslVtLo1U	ISS Update - Oct. 31, 2012	The International Space Station video update for Oct. 31, 2012.	Transcript Link
2012 10 31	NASA Johnson	https://youtu.be/IUS-WCbnULQ	Russian Cargo Craft Launches	The ISS Progress 49 cargo vehicle launched from the Baikonur Cosmodrome in Kazakhstan at 3:41 a.m. EDT Wednesday, heading for a docking to International Space Station at 9:33 a.m.	Transcript Link

2012 10 30	NASA Johnson	https://youtu.be/BqrfsdGENgA	Post-Tropical Cyclone Sandy -- Oct. 30, 2012	The International Space Station flies over post-tropical cyclone Sandy on Oct. 30, 2012, as it storms across the northeast United States.	Transcript Link
2012 10 30	NASA Johnson	https://youtu.be/Atxa1LKyZAc	ISS Update - Oct. 30, 2012	The International Space Station video update for Oct. 30, 2012.	Transcript Link
2012 10 29	NASA Johnson	https://youtu.be/aLYn0vAwRVs	Hurricane Sandy -- Pass 2, Oct. 29, 2012	Hurricane Sandy was viewed Monday morning from the International Space Station as it orbited 260 miles above the Atlantic Ocean. Sandy had sustained winds of 90 miles an hour as the station passed above the storm.	Transcript Link
2012 10 29	NASA Johnson	https://youtu.be/b8OTeh80Er0	ISS Update - Oct. 29, 2012	The International Space Station video update for Oct. 29, 2012.	Transcript Link

2012 10 29	NASA Johnson	https://youtu.be/surnSwajScc	Hurricane Sandy -- Pass 1, Oct. 29, 2012	Hurricane Sandy was viewed Monday morning from the International Space Station as it orbited 260 miles above the Atlantic Ocean. Sandy had sustained winds of 90 miles an hour as the station passed above the storm.	Transcript Link
2012 10 29	NASA Johnson	https://youtu.be/h5EckrNyGFk	Dragon Released From Station	The ground team at Mission Control Houston remotely commanded the station's robotic arm to uninstall Dragon from the Earth-facing port of the Harmony node at 7:19 a.m. EDT Sunday. Expedition 33 Commander Suni Williams removed the bolts and latches of the Common Berthing Mechanism that had secured the cargo craft to the station since Oct 10. A set of programmed commands to Canadarm2 then maneuvered Dragon out to the 15-meter release point, where Williams and Flight Engineer Aki Hoshide ungrappled Dragon at 9:29 a.m. and backed the arm away. The SpaceX Dragon cargo craft splashed down in the Pacific Ocean at 3:22 p.m. Sunday about 250 miles off the coast of Baja California, Mexico, marking a successful conclusion to the first contracted resupply mission to the International Space Station.	Transcript Link
2012 10 26	NASA Johnson	https://youtu.be/FRyHrvkhkJo	ISS Update Science Aboard the Station -- 10.26.12	NASA Public Affairs Officer Amiko Kauderer talks with Tara Rutley, Associate Program Scientist for International Space Station, about some of the science experiments performed by the Expedition 33 crew members aboard the station throughout the week.	Transcript Link
2012 10 26	NASA Johnson	https://youtu.be/pczVqGr-A3Y	Station View of Hurricane Sandy -- Pass 2, Oct. 26, 2012	A camera aboard the International Space Station captured this view of Hurricane Sandy on Oct. 26, 2012.	Transcript Link

2012 10 26	NASA Johnson	https://youtu.be/uDWYr1q51x4	Station View of Hurricane Sandy -- Pass 1, Oct. 26, 2012	A camera aboard the International Space Station captured this view of Hurricane Sandy on Oct. 26, 2012.	Transcript Link
2012 10 26	NASA Johnson	https://youtu.be/R46sj822Xvo	ISS Update Weekly Recap for Oct. 26, 2012	The International Space Station Weekly Recap for Oct. 26, 2012.	Transcript Link
2012 10 25	NASA Johnson	https://youtu.be/uk-a4LeUEZc	New Crewmates Welcomed Aboard Station	Three new crew members joined their Expedition 33 crewmates after the hatches between the International Space Station and the Soyuz TMA-06M spacecraft opened at 11:08 a.m.EDT Thursday. Flight Engineers Kevin Ford, Oleg Novitskiy and Evgeny Tarelkin join Commander Suni Williams and Flight Engineers Aki Hoshide and Yuri Malenchenko who've been residing at the orbital laboratory since July 17.	Transcript Link
2012 10 25	NASA Johnson	https://youtu.be/3g934mXdK8c	Expedition 33 Soyuz Docks to Station	The Soyuz capsule carrying the three Expedition 33/34 crew members docks to the International Space Station after its almost two-day journey from Earth.	Transcript Link

2012 10 24	NASA Johnson	https://youtu.be/Z_h6kCG3-zk	ISS Update - Oct. 24, 2012	The International Space Station video update for Oct. 24, 2012.	Transcript Link
2012 10 23	NASA Johnson	https://youtu.be/QT-fyF-aSkI	ISS Update - Oct. 23, 2012	The International Space Station video update for Oct. 23, 2012.	Transcript Link
2012 10 23	NASA Johnson	https://youtu.be/Rmpcr8cWdKk	New Trio Launches to Join Expedition 33	Three new crew members are on their way to join their Expedition 33 crewmates onboard the International Space Station. They launched aboard the Soyuz TMA-06M spacecraft at 6:51 a.m. EDT (5:51 p.m. Baikonur time) Tuesday from the Baikonur Cosmodrome, Kazakhstan. Flight Engineers Kevin Ford, Oleg Novitskiy and Evgeny Tarelkin will orbit the Earth for two days before docking to the Poisk module at 8:35 a.m. Thursday. The new trio will join Commander Suni Williams and Flight Engineers Aki Hoshide and Yuri Malenchenko who've been residing at the orbital laboratory since July 17	Transcript Link
2012 10 22	NASA Johnson	https://youtu.be/bNiM2oLLAqI	ISS Update - Oct. 22, 2012	The International Space Station video update for Oct. 22, 2012.	Transcript Link

2012 10 22	NASA Johnson	https://youtu.be/FxAR1cZprZc	Soyuz TMA-06M Rolls Out To Launch Site	The Soyuz TMA-06M spacecraft and rocket are rolled out to the launch pad at site 31 at the Baikonur Cosmodrome in Kazakhstan. NASA astronaut Kevin Ford, and Russian cosmonauts Oleg Novitskiy and Evgeny Tarelkin, are set to launch aboard the Soyuz on Oct. 23 for a five-month mission on the International Space Station.	Transcript Link
2012 10 22	NASA Johnson	https://youtu.be/-o7KoAVHvqs	Soyuz TMA-06M Spacecraft Mated to Rocket	At the Integration Facility at the Baikonur Cosmodrome in Kazakhstan, the Soyuz TMA-06M spacecraft is mated to its Soyuz booster rocket. The Soyuz is being prepared for its launch to the International Space Station on Oct. 23.	Transcript Link
2012 10 19	NASA Johnson	https://youtu.be/WacisRqYiCM	ISS Update Update on Orbital Sciences Cargo Flights to Space Station	NASA Public Affairs Officer Josh Byerly talks with Bruce Manners, a project executive for NASA's Commercial Orbital Transportation Services (COTS), about Orbital Sciences Corporation's work to provide cargo capability to the International Space Station. Orbital is developing and qualifying a new launch vehicle called Antares to enable lower-cost COTS launches and the Cygnus cargo module. Antares will be launching from NASA's Wallops Flight Facility in Virginia. Orbital plans to launch Antares on its first test flight by the end of this year. Orbital also will launch Cygnus atop an Antares rocket in 2013 for its first demonstration flight to the station. Cygnus is designed to deliver cargo to the station then return to Earth filled with trash for destructive re-entry.	Transcript Link
2012 10 19	NASA Johnson	https://youtu.be/hsT_U3B5DHg	ISS Update Weekly Recap for Oct. 19, 2012	The International Space Station Weekly Recap for Oct. 19, 2012.	Transcript Link

2012 10 18	NASA Johnson	https://youtu.be/eHIpTCbmk8A	Expedition 33 34 Crew Prelaunch Activities	Expedition 33/34 crew members Kevin Ford, Oleg Novitskiy and Evgeny Tarelkin participate in a variety of prelaunch activities at the Baikonur Cosmodrome in Kazakhstan. They are set to launch aboard their Soyuz TMA-06M spacecraft on Oct. 23 for a five-month mission on the International Space Station.	Transcript Link
2012 10 18	NASA Johnson	https://youtu.be/k9CWIh81Umo	ISS Update - Oct. 18, 2012	The International Space Station video update for Oct. 18, 2012.	Transcript Link
2012 10 17	NASA Johnson	https://youtu.be/fx05H-wPizE	ISS Update - Oct. 17 2012	The International Space Station video update for Oct. 17, 2012.	Transcript Link
2012 10 16	NASA Johnson	https://youtu.be/FKBmO4Qsrv4	ISS Update - Oct. 16, 2012	The International Space Station video update for Oct. 16, 2012.	Transcript Link

2012 10 16	NASA Johnson	https://youtu.be/Hi-fBxxBmek	ISS Update Capturing a Dragon	NASA Public Affairs Officer Josh Byerly talks with Robotics Officer Melanie Miller about the Aug. 10 capture and installation of the SpaceX Dragon commercial cargo craft, a team effort by the International Space Station's Expedition 33 crew and robotics flight controllers at Mission Control Houston. Commander Suni Williams and Flight Engineer Aki Hoshide used the station's robotic arm, Canadarm2, to reach out and grapple Dragon as the cargo vehicle flew within about 32 feet of the orbiting complex. With Dragon securely in the grasp of Canadarm2, Miller and her team remotely operated the arm to guide the capsule to the Earth-facing side of the Harmony module for final installation by the station crew. Reflecting upon the depth of her involvement with station robotics -- from training the crew before flight to participating in the robotic operations taking place on orbit -- Miller remarks, "It is an awesome privilege to be able to be certified to do this kind of job." Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 10 16	NASA Johnson	https://youtu.be/lGvxVKr04VY	NASA Safari 4 - Business at NASA	Join the NASA JSC co-ops and interns on a journey around the Johnson Space Center. Along the way they highlight manned space flight projects and its future.	Transcript Link
2012 10 16	NASA Johnson	https://youtu.be/im-XGJB2ygw	NASA Safari 3 - Orion Multi Purpose Crew Vehicle	Join the NASA JSC co-ops and interns on a journey around the Johnson Space Center. Along the way they highlight manned space flight projects and its future.	Transcript Link

2012 10 16	NASA Johnson	https://youtu.be/9vZCz_90n3g	NASA Safari 2 - Mission Control	Join the NASA JSC co-ops and interns on a journey around the Johnson Space Center. Along the way they highlight manned space flight projects and its future.	Transcript Link
2012 10 16	NASA Johnson	https://youtu.be/IWWtvzaKRXw	NASA Safari 1 - An Introduction	Join the NASA JSC co-ops and interns on a journey around the Johnson Space Center. Along the way they highlight manned space flight projects and its future.	Transcript Link
2012 10 15	NASA Johnson	https://youtu.be/kI21JD_x-cA	ISS Update - Oct. 15, 2012	The International Space Station video update for Oct. 15, 2012.	Transcript Link
2012 10 12	NASA Johnson	https://youtu.be/fyLNkzc79Z8	ISS Update Weekly Recap for Oct. 12, 2012	The International Space Station Weekly Recap for Oct. 12, 2012.	Transcript Link

2012 10 11	NASA Johnson	https://youtu.be/7FdYeNIzJr0	ISS Update - Oct. 11, 2012	The International Space Station video update for Oct. 11, 2012.	Transcript Link
2012 10 10	NASA Johnson	https://youtu.be/h8n0_w5CnTw	Dragon Captured and Berthed to Station	Expedition 33 Commander Suni Williams used the International Space Station's Canadarm2 robotic arm to install the SpaceX Dragon cargo ship to its docking port on the Earth-facing side of the Harmony node at 9:03 a.m. EDT Wednesday, Oct. 10. Earlier, working from the robotics workstation inside the cupola, Flight Engineer Aki Hoshide, with the assistance of Williams, captured the commercial cargo ship with the Canadian Space Agency-provided robotic arm at 6:56 a.m. as the spacecraft flew within about 32 feet of the orbiting complex.	Transcript Link
2012 10 10	NASA Johnson	https://youtu.be/1CO5sgMxbGI	Station Crew Opens Dragon Hatch	Expedition 33 Commander Suni Williams and Flight Engineer Aki Hoshide opened the hatch to the SpaceX Dragon cargo ship at 1:40 p.m. EDT Wednesday, Oct. 10, marking a milestone for the first commercial resupply mission to reach the International Space Station.	Transcript Link
2012 10 10	NASA Johnson	https://youtu.be/hYtOWxu4UFo	ISS Update Bill Gerstenmaier Interview -- 10.10.12	NASA Public Affairs Officer Dan Huot interviews Bill Gerstenmaier, Associate Administrator for Human Exploration and Operations, about the SpaceX CRS-1 mission and the arrival of the Dragon capsule at the International Space Station.	Transcript Link

2012 10 10	NASA Johnson	https://youtu.be/3WdXNaYszys	ISS Update - Oct. 10, 2012	The International Space Station video update for Oct. 10, 2012.	Transcript Link
2012 10 09	NASA Johnson	https://youtu.be/hIDeOJNVzjE	ISS Update - Oct. 9, 2012	The International Space Station video update for Oct. 9, 2012.	Transcript Link
2012 10 09	NASA Johnson	https://youtu.be/LOqI32AhNs4	Expedition 33 34 Crew Departs for Kazakh Launch Site	Expedition 33/34 Soyuz Commander Oleg Novitskiy, NASA Flight Engineer Kevin Ford and Russian Flight Engineer Evgeny Tarelkin participated in traditional ceremonies at the Gagarin Cosmonaut Training Center in Star City, Russia outside Moscow Oct. 9. Afterward, they departed for the Baikonur Cosmodrome in Kazakhstan to complete training for their launch to the International Space Station in the Soyuz TMA-06M spacecraft Oct. 23. After arriving in Baikonur, they were scheduled to conduct a series of prelaunch activities over the next two weeks as they prepare for liftoff to the orbital outpost.	Transcript Link
2012 10 05	NASA Johnson	https://youtu.be/QNli_cJt6YY	Expedition 33 Crew Profile, Version 1	Learn more about Flight Engineers Kevin Ford, Oleg Novitskiy and Evgeny Tarelkin of the International Space Station's Expedition 33 crew. The trio is set to launch in October to join their Expedition 33 crewmates -- Commander Suni Williams and Flight Engineers Aki Hoshide and Yuri Malenchenko -- who have been aboard the station since July 17.	Transcript Link

2012 10 05	NASA Johnson	https://youtu.be/rLwW4o5vacs	ISS Update Weekly Recap for Oct. 5, 2012	The International Space Station Weekly Recap for Oct. 5, 2012.	Transcript Link
2012 10 04	NASA Johnson	https://youtu.be/Nq6-OZyV4wE	Astronaut Clay Anderson Speaks With S.C. Students	From NASA's International Space Station Mission Control Center, NASA astronaut Clay Anderson participates in a Digital Learning Network (DLN) event with students at Crayton Middle School, Columbia, S.C. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 10 04	NASA Johnson	https://youtu.be/IoNSlxWgnuU	ISS Update - Oct. 4, 2012	The International Space Station video update for Oct. 4, 2012.	Transcript Link
2012 10 03	NASA Johnson	https://youtu.be/ywPn7MMr4Yo	ISS Update - Oct. 3, 2012	The International Space Station video update for Oct. 3, 2012.	Transcript Link

2012 10 02	NASA Johnson	https://youtu.be/Kh9j4cXbWLE	ISS Update - Oct. 2, 2012	The International Space Station video update for Oct. 2, 2012.	Transcript Link
2012 10 01	NASA Johnson	https://youtu.be/9UaHd89lQnk	Expedition 33 34 Mission Overview	The work now under way on board the International Space Station is designed to support deep space exploration in the future and provide benefits on earth today. The Expedition 33 crew members are working on experiments in astrophysics and earth science, in education and in technology development, and in human physiology and performance. Suni Williams became Expedition 33 commander on Sept. 16. She and Flight Engineers Aki Hoshide and Yuri Malenchenko have been aboard the station since July 17. A new crew is set to join Expedition 33 when Flight Engineers Kevin Ford, Oleg Novitskiy and Evgeny Tarelkin launch Oct. 23 aboard the Soyuz TMA-06M spacecraft. Read more about Expedition 33... http://go.nasa.gov/GDN7CG	Transcript Link
2012 10 01	NASA Johnson	https://youtu.be/I03AFoafmV4	ISS Update - Oct. 1, 2012	The International Space Station video update for Oct. 1, 2012.	Transcript Link
2012 09 28	NASA Johnson	https://youtu.be/nt3sAAUQk9g	ISS Update Weekly Recap for Sept. 28, 2012	The International Space Station Weekly Recap for Sept. 28, 2012.	Transcript Link

2012 09 27	NASA Johnson	https://youtu.be/P0_6XEx0_kA	ISS Update Logistics Reduction and Repurposing (Part 1)	Public Affairs Officer Brandi Dean interviews Sarah Shull, Deputy Project Manager Logistics Reduction and Repurposing. Shull, who is with the Advanced Exploration Systems, discusses the Logistics to Living tests from the Deep Space Habitat mockup at Johnson Space Center. Watch Part 2 of the interview... http://youtu.be/kYRKf_JBe3k	Transcript Link
2012 09 27	NASA Johnson	https://youtu.be/kYRKf_JBe3k	ISS Update Logistics Reduction and Repurposing (Part 2)	Public Affairs Officer Brandi Dean interviews Sarah Shull, Deputy Project Manager Logistics Reduction and Repurposing. Shull, who is with the Advanced Exploration Systems, discusses the Logistics to Living tests from the Deep Space Habitat mockup at Johnson Space Center. Watch Part 1 of the interview... http://youtu.be/P0_6XEx0_kA	Transcript Link
2012 09 27	NASA Johnson	https://youtu.be/GWh35PwTdOo	ISS Update - Sept. 27, 2012	The International Space Station video update for Sept. 27, 2012.	Transcript Link
2012 09 26	NASA Johnson	https://youtu.be/L4-RL4HwrKE	ISS Update JAXA Small Satellite Orbital Deployer	ISS Update Commentator Pat Ryan interviews Dr. Victor Cooley, Exp. 33/34 Lead Increment Scientist, about the JAXA Small Satellite Orbital Deployer (SSOD) demonstration. The SSOD was launched to the International Space Station aboard the Kounotori3 H-II Transfer Vehicle, or HTV-3, in July. During the SSOD demonstration, five small satellites will be launched into orbit using the station's robotic arm. The satellites are initially housed inside of the station and then loaded into the SSOD by Flight Engineer Aki Hoshide. Hoshide will then put the SSOD into an airlock, which is depressurized and exposed to the vacuum of space via an automatic door. Flight controllers will then use the robotic arm to grapple the SSOD in the airlock and move it out away from the station so the satellites can be deployed. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link

2012 09 26	NASA Johnson	https://youtu.be/4lABhbdKBVY	ISS Update - Sept. 26, 2012	The International Space Station video update for Sept. 26, 2012.	Transcript Link
2012 09 25	NASA Johnson	https://youtu.be/a6LvSTZEvys	Expedition 33 34 Crew Ceremonies in Moscow	Expedition 33/34 Soyuz Commander Oleg Novitskiy and Flight Engineer Evgeny Tarelkin of the Russian Federal Space Agency and NASA Flight Engineer Kevin Ford participate in a variety of crew ceremonies in Moscow in advance of their launch to the International Space Station. Novitskiy, Ford and Tarelkin are scheduled to fly to the launch site at the Baikonur Cosmodrome in Kazakhstan Oct. 2 to prepare for their Oct. 23 liftoff in the Soyuz TMA-06M spacecraft. Also featured in the footage are backup crew members Pavel Vinogradov, Alexander Misurkin and NASA's Chris Cassidy.	Transcript Link
2012 09 25	NASA Johnson	https://youtu.be/yFxecbe8XA8	ISS Update - Sept. 25, 2012	The International Space Station video update for Sept. 25, 2012.	Transcript Link

2012 09 24	NASA Johnson	https://youtu.be/AHaDrVvokNo	ISS Update ATV-3 ReEntry Breakup Recorder	ISS Update Commentator Pat Ryan talks with Dr. William Ailor, Principal Investigator for the ReEntry Breakup Recorder (REBR) for The Aerospace Corporation. Ailor talks about capturing data as Europe's ATV-3 cargo craft re-enters the Earth's atmosphere for a fiery destruction over the Pacific Ocean. Experts want to predict the destructive effects of a spacecraft re-entering the atmosphere for safety and cost reasons. REBR, which is a device similar to a cell phone inside a heat shield, will be exposed to the fiery re-entry and record a variety of data such as acceleration, pressure and temperature. REBR will make an Iridium telephone call to transmit the data after it is thrown clear of the disintegrating spacecraft. The REBR is designed to survive re-entry but not impact. REBR has previously been used on three other cargo craft. Data was successfully captured from the atmospheric re-entry of Japan's HTV-2 and HTV-3 vehicles. During an ATV-2 re-entry experiment the REBR did not capture data. Engineers are exploring whether it was the design of the REBR, its placement in the ATV-2 or the violent nature of the re-entry itself.	Transcript Link
2012 09 24	NASA Johnson	https://youtu.be/X_TPpCReclc	ISS Update - Sept. 24, 2012	The International Space Station video update for Sept. 24, 2012.	Transcript Link
2012 09 21	NASA Johnson	https://youtu.be/-tDuwlu_b9g	ISS Update Z1 Spacesuit and Suitport Testing	NASA Public Affairs Officer Brandi Dean talks with Cristina Anchondo, Z1 spacesuit test director, about the Z1 spacesuit and some of the suitport tests they are performing in the building 32 vacuum chamber at Johnson Space Center. The new Z1 spacesuit design incorporates a suitport, which is an interface between the interior of a space vehicle and the spacesuit that is mounted on the exterior of a space vehicle. This allows the wearer to quickly get into the spacesuit from the interior of a spacecraft then detach it from the suitport and begin exploring on the exterior. Anchondo says that they are testing the spacesuit and suitport in the vacuum chamber to help simulate space, which is important to make sure that the hardware will survive and perform well in that environment. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link

2012 09 21	NASA Johnson	https://youtu.be/jBSdHCvpl1k	ISS Update Weekly Recap for Sept. 21, 2012	The International Space Station Weekly Recap for Sept. 21, 2012.	Transcript Link
2012 09 21	NASA Johnson	https://youtu.be/gW-gOleCuLQ	Expedition 33 34 Crew Conducts Final Qualification Training	Expedition 33/34 Soyuz Commander Oleg Novitskiy and Flight Engineer Evgeny Tarelkin of the Russian Federal Space Agency and NASA Flight Engineer Kevin Ford conducted qualification training at the Gagarin Cosmonaut Training Center in Star City, Russia, Sept. 20 and 21 in advance of their final approval for launch to the International Space Station. Novitskiy, Ford and Tarelkin are scheduled to fly to the launch site at the Baikonur Cosmodrome in Kazakhstan Oct. 2 to prepare for their Oct. 23 liftoff in the Soyuz TMA-06M spacecraft. Also featured in the footage are backup crew members Pavel Vinogradov, Alexander Misurkin and NASA's Chris Cassidy.	Transcript Link
2012 09 20	NASA Johnson	https://youtu.be/TB9Q0K-1B8E	ISS Update - Sept. 20, 2012	The International Space Station video update for Sept. 20, 2012.	Transcript Link
2012 09 20	NASA Johnson	https://youtu.be/M2NHU_R8ngk	Endeavour Departs Ellington Field	The space shuttle Endeavour atop its 747 Shuttle Carrier Aircraft departed Houston's Ellington Field at 7:03 a.m. CDT on Thursday for California.	Transcript Link

2012 09 20	NASA Johnson	https://youtu.be/oBegeMCqPtY	Endeavour Soars Over Houston	Space shuttle Endeavour atop a modified 747 jetliner soars over Houston, the home of NASA's Johnson Space Center.	Transcript Link
2012 09 19	NASA Johnson	https://youtu.be/UrnNS9zCk2g	Endeavour Lands in Houston on Ferry Flight	Space shuttle Endeavour atop a modified 747 jetliner flies over the Johnson Space Center and lands at Ellington Field in Houston.	Transcript Link
2012 09 19	NASA Johnson	https://youtu.be/eKrFowKvWao	Mike Coats Endeavour Message	View a special message from JSC Director Mike Coats about space shuttle Endeavour's visit to Houston.	Transcript Link
2012 09 19	NASA Johnson	https://youtu.be/MlvKG5X7ARU	Birthday Wishes for Suni Williams from Sally Ride's Family	Sally Ride's family was in Mission Control Center to surprise Expedition 33 Commander Suni Williams and wish her a happy birthday. Read more about NASA astronaut Suni Williams... http://go.nasa.gov/ObgQJC	Transcript Link

2012 09 18	NASA Johnson	https://youtu.be/4xqPCa-Y6xo	ISS Update - Sept. 18, 2012	The International Space Station video update for Sept. 18, 2012.	Transcript Link
2012 09 17	NASA Johnson	https://youtu.be/PP2-NCe9EmQ	Astronaut Completes Triathlon in Space	Expedition 33 Commander Suni Williams participated in the Malibu Triathlon while in space using exercise equipment aboard the International Space Station.	Transcript Link
2012 09 17	NASA Johnson	https://youtu.be/0fj-pZauThs	ISS Update - Sept. 17, 2012	The International Space Station video update for Sept. 17, 2012.	Transcript Link
2012 09 14	NASA Johnson	https://youtu.be/_7pxJs5Td2s	Astronaut Steve Bowen Discusses Material Analysis for Space and Undersea	Astronaut Steve Bowen is interviewed by NASA Pathways intern Jonathan Tylka about his experience with non-destructive evaluation in his previous career as a Navy submariner and current career as a NASA astronaut.	Transcript Link

2012 09 14	NASA Johnson	https://youtu.be/Ov_FPngIn64	ISS Update Weekly Recap for Sept. 14, 2012	The International Space Station Weekly Recap for Sept. 14, 2012.	Transcript Link
2012 09 13	NASA Johnson	https://youtu.be/d37yEa-L2eM	Astronaut Greets YouTube Space Lab Participants	Expedition 32 Flight Engineer Suni Williams aboard the International Space Station talks with Bill Nye and the winners of the recent YouTube Space Lab experiment competition. For more info, visit http://www.youtube.com/user/spacelab	Transcript Link
2012 09 12	NASA Johnson	https://youtu.be/khivVK2_QCk	ISS Update - Sept. 12, 2012	ISS Update - Sept. 12, 2012	Transcript Link
2012 09 11	NASA Johnson	https://youtu.be/iYJ7RwxhBCQ	ISS Update - Sept. 11, 2012	The International Space Station video update for Sept. 11, 2012.	Transcript Link

2012 09 10	NASA Johnson	https://youtu.be/VOMiCIU45JA	ISS Update - Sept. 10, 2012	The International Space Station video update for Sept. 10, 2012.	Transcript Link
2012 09 07	NASA Johnson	https://youtu.be/D-l_YrEY2Kk	ISS Update Flight Surgeon Keeps Astronauts Healthy	NASA Public Affairs Officer Amiko Kauderer talks with NASA Medical Flight Officer Steve Gilmore about the role of a flight surgeon in tracking astronaut health and coordinating crew medical experiments before, during and after spaceflight. Flight surgeons are involved in all phases of a human spaceflight mission, including walking the crew members through the process of becoming medically cleared for flight, coordinating the medical experiments the astronauts perform aboard the station, maintaining contact with the astronauts during spaceflight to keep track of any health issues, assuring that crew members are physically prepared for strenuous spacewalks and assisting with their rehabilitation and adaptation to gravity after they return to Earth. Gilmore became interested in becoming a flight surgeon while assigned to a rotation at Kennedy Space Center during medical school. "I had the opportunity to see a few launches, a couple of landings," said Gilmore, "and thought it looked like a really interesting field to get into." Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 09 07	NASA Johnson	https://youtu.be/okLa9oIgk0U	ISS Update Weekly Recap for Sept. 7, 2012	The International Space Station Weekly Recap for Sept. 3-7, 2012.	Transcript Link

2012 09 06	NASA Johnson	https://youtu.be/53jq03WCpkQ	Space Campers Speak With Station Science Communication Coordinator	From NASA's International Space Station Mission Control Center, International Space Station Science Communication Coordinator Liz Warren participates in a Digital Learning Network (DLN) event with students at a space camp Huntsville, Ala. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 09 06	NASA Johnson	https://youtu.be/jUAAWx28r9I	ISS Update - Sept. 6, 2012	The International Space Station video update for Sept. 6, 2012.	Transcript Link
2012 09 05	NASA Johnson	https://youtu.be/AMXLDfQLENc	Orion Parachute Test, Aug. 28, 2012	A dart-shaped test vehicle that is used to simulate Orion's parachute compartment descends above the skies of the U.S. Yuma Army Proving Ground in Arizona. Engineers were testing the maximum pressure Orion's chutes might face when returning from exploration missions.	Transcript Link
2012 09 04	NASA Johnson	https://youtu.be/GTZjdETqvVQ	ISS Update Sept. 4, 2012	The International Space Station video update for Sept. 4, 2012.	Transcript Link

2012 08 31	NASA Johnson	https://youtu.be/9KQ52MgLloQ	ISS Update Weekly Recap for Aug. 31, 2012	The International Space Station Weekly Recap for Aug. 27-31, 2012.	Transcript Link
2012 08 29	NASA Johnson	https://youtu.be/EXRiblU54E8	Science off the Sphere Yo-Yos in Space	NASA astronaut Don Pettit uses his off-duty time to practice his microgravity yo-yo skills. Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view experiments here: http://www.physicscentral.com/sots	Transcript Link
2012 08 29	NASA Johnson	https://youtu.be/SmoNDJObvkw	Hurricane Isaac	A camera on the International Space Station captured Hurricane Isaac on Aug. 29, 2012, as the orbital laboratory flew over the Texas and Gulf Coast area.	Transcript Link
2012 08 29	NASA Johnson	https://youtu.be/jG5snBinOKQ	ISS Update RATS Principal Investigator Andrew Abercromby -- 08.29.12	NASA Public Affairs Officer Brandi Dean talks to the Research And Technology Studies (RATS) Principal Investigator Andrew Abercromby in the Space Vehicle Mock-Up Facility at Johnson Space Center in Houston. The RATS team evaluates technology, human-robotic systems and extravehicular equipment for future human exploration missions in space. The team runs simulated missions, also known as analogs, at NASA's Johnson Space Center to provide a knowledge base that helps scientists and engineers design, build and operate better equipment, and establish requirements for operations and procedures. The RATS team has been working in the Space Vehicle Mock-Up Facility for the past couple of weeks simulating a mission to an asteroid. Abercromby says that the RATS team conducts integrated mission simulations like this to test out different prototype technologies and see how they interact with each other. He also says that conducting these simulations early in the design process makes it is easier and cheaper to make needed changes to the technology. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link

2012 08 29	NASA Johnson	https://youtu.be/B9M_bT4PeAk	ISS Update RATS Crew Member Dave Coan -- 08.29.12	NASA Public Affairs Officer Brandi Dean talks to the Research And Technology Studies (RATS) crew member Dave Coan in the Space Vehicle Mock-Up Facility at Johnson Space Center in Houston. As a RATS crew member, Coan says that he helps to evaluate technology, human-robotic systems and extravehicular equipment for future human exploration missions in space. The RATS team has been working in the Space Vehicle Mock-Up Facility for the past couple of weeks simulating a mission to an asteroid. The team runs simulated missions, also known as analogs, at NASA's Johnson Space Center to provide a knowledge base that helps scientists and engineers design, build and operate better equipment, and establish requirements for operations and procedures. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation	Transcript Link
2012 08 29	NASA Johnson	https://youtu.be/L6DhsHP3IDM	ISS Update - Aug. 29, 2012	The International Space Station video update for Aug. 29, 2012.	Transcript Link
2012 08 28	NASA Johnson	https://youtu.be/L91zu1IF1Vk	ISS Update - Aug. 28, 2012	The International Space Station video update for Aug. 28, 2012.	Transcript Link
2012 08 27	NASA Johnson	https://youtu.be/qRPdhgeke7g	ISS Update - Aug. 27, 2012	The International Space Station video update for Aug. 27, 2012.	Transcript Link

2012 08 24	NASA Johnson	https://youtu.be/7miMbf3DGtA	ISS Update Active Response Gravity Offload System -- 08.24.12	NASA Public Affairs Officer Brandi Dean talks to the Active Response Gravity Offload System (ARGOS) Project Manager Larry Dungan in the Space Vehicle Mock-Up Facility at Johnson Space Center in Houston. The ARGOS is designed to simulate reduced gravity environments, such as Lunar, Martian, or microgravity, using an overhead gantry crane system. ARGOS supplies continuous offload of a portion of a subject's weight during dynamic motions such as walking, running, and jumping, to simulate Lunar, Martian or microgravity. Dungan explains that the system can be helpful in a variety of training exercises and simulations, including simulating a Research And Technology Studies (RATS) spacewalk on an asteroid, which is demonstrated in the video. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 08 24	NASA Johnson	https://youtu.be/pxu3zm4qiC4	ISS Update Powering the Space Exploration Vehicle	In the Space Vehicle Mock-Up Facility at Johnson Space Center in Houston, NASA Public Affairs Officer Brandi Dean talks with Abbie Ryan, lead engineer for the fuel cell of the multi-mission Space Exploration Vehicle (SEV). In the latest Research and Technology Studies (RATS) mission, crew members are living and working inside the SEV to simulate a mission to an asteroid as the RATS team evaluates the technology, human-robotic systems and extravehicular equipment for future human exploration missions in space. One important piece of technology being tested is the fuel cell that powers the SEV. Fuel cells, which have been used aboard NASA spacecraft since the Gemini and Apollo days, combine hydrogen and oxygen to produce power and water. The newest generation of fuel cell being tested by RATS incorporates a lot of new technology, including regulators designed here at NASA. As Ryan points out, "Obviously, space shuttle was our last big fuel cell program, and that technology is about 40 years old by this point." Using this fuel cell, the RATS team also can predict the power requirements for future missions because they are able to collect accurate data on exactly how much power is being consumed on a daily basis during these tests. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 08 24	NASA Johnson	https://youtu.be/l7rLv9C6cfg	ISS Update Weekly Recap for Aug. 24, 2012	The International Space Station Weekly Recap for Aug. 20-24, 2012.	Transcript Link

2012 08 23	NASA Johnson	https://youtu.be/OIq7Rt7BI38	ISS Update Brent Jett Discusses the Commercial Crew Program -- 08.23.12	Brent Jett, Commercial Crew Program Deputy Manager, talks about how NASA and its commercial partners are proceeding with vehicle development to launch astronauts to the International Space Station and beyond.	Transcript Link
2012 08 23	NASA Johnson	https://youtu.be/1q7ykN5O_fM	Space Station Social Media Event	Expedition 32 Flight Engineers Joe Acaba and Suni Williams aboard the International Space Station answer questions from NASA social media followers.	Transcript Link
2012 08 23	NASA Johnson	https://youtu.be/Zb2_Rm57L_A	ISS Update - Aug. 23, 2012	The International Space Station video update for Aug. 23, 2012.	Transcript Link
2012 08 22	NASA Johnson	https://youtu.be/85rsymSLSE4	ISS Update CCiCap and the SpaceX Dragon -- 08.22.12	Commercial Crew Program (CCP) Partner Manager for SpaceX Derek Hassmann discusses the Dragon spacecraft and the CCP following the Commercial Crew Integrated Capability, or CCiCap, announcement earlier this month. As the CCP Partner Manager, Hassmann's role is to act as the liaison between NASA and SpaceX. Hassmann talks about the SpaceX Dragon, which was the first unpiloted commercial spacecraft to successfully rendezvous with the station on May 25, 2012. CCiCap is an initiative of NASA's CCP and an administration priority. The objective of the CCP is to facilitate the development of a U.S. commercial crew space transportation capability with the goal of achieving safe, reliable and cost-effective access to and from the International Space Station and low Earth orbit. After the capability is matured and expected to be available to the government and other customers, NASA could contract to purchase commercial services to meet its station crew transportation needs. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link

2012 08 22	NASA Johnson	https://youtu.be/zQbE_JvX384	ISS Update Dream Chaser Spacecraft	NASA Public Affairs Officer Michael Curie talks with Cheryl McPhillips, Commercial Crew Program Partner Manager for the Sierra Nevada Corporation, the company developing the Dream Chaser spacecraft for NASA. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 08 22	NASA Johnson	https://youtu.be/4-fUFVeS_Hs	ISS Update August 22, 2012	The International Space Station video update for Aug. 22, 2012.	Transcript Link
2012 08 21	NASA Johnson	https://youtu.be/QOPhB5xQprc	ISS Update CCiCAP Meetings and the Boeing CST-100 -- 08.21.12	Commercial Crew Program Partner Manager for Boeing Gennaro Caliendo discusses the Integrated Systems Review meetings held in Houston this week and the CST-100. The meetings are a part of NASA's CCiCAP, or Commercial Crew Integrated Capability, milestones that have been set for its commercial partners. The meetings this week have been scheduled to review Boeing and the other commercial partners progress in their designs and to ensure that they meet system requirements. Caliendo talks about Boeing's CST-100, which is a capsule design that will fly into low-Earth orbit and rendezvous with the International Space Station and land back on Earth using parachutes. It is designed to land on the ground using air bags, which is different than most capsules that are designed to land in water. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 08 21	NASA Johnson	https://youtu.be/R1pvZQSLynI	ISS Update August 21, 2012	The International Space Station video update for Aug. 21, 2012.	Transcript Link

2012 08 17	NASA Johnson	https://youtu.be/g7eHeU-_a0U	ISS Update Art Thomason Discusses the Aug. 20 Russian Spacewalk -- 08.17.12	NASA Public Affairs Officer Brandi Dean talks with Spacewalk Officer Art Thomason inside the Mission Control Center at Johnson Space Center. Expedition 32 Commander Gennady Padalka and Flight Engineer Yuri Malenchenko are scheduled to conduct a 6.5 hour spacewalk on Monday, Aug. 20.	Transcript Link
2012 08 17	NASA Johnson	https://youtu.be/y8tb5g6NQ2Q	ISS Update Weekly Recap for August 17, 2012	The International Space Station Weekly Recap for Aug. 13-17, 2012.	Transcript Link
2012 08 16	NASA Johnson	https://youtu.be/mCjKxuGKpRI	ISS Update - Aug. 16, 2012	The International Space Station video update for Aug. 16, 2012.	Transcript Link
2012 08 15	NASA Johnson	https://youtu.be/WpWxH4_IF7E	ISS Update JAXA Aquatic Habitat Facility -- 08.15.12	ISS Update commentator Brandi Dean interviews Associate International Space Station Program Scientist Tara Ruttley about the Japan Aerospace Exploration Agency's Aquatic Habitat facility. The Aquatic Habitat facility provides a new option for the study of small, freshwater fish on orbit. Scientists have multiple studies planned to look at the impacts of radiation, bone degradation, muscle atrophy and developmental biology. Ruttley explains that the facility is located in the Kibo module and is basically a set of two half-liter aquariums that can support up to 8 -- 12 fish at a time. It systems include a filter, an LED lighting system, automatic feeders and a water oxygenation system. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link

2012 08 15	NASA Johnson	https://youtu.be/hVbs4X-7Gg0	ISS Update - Aug. 15, 2012	The International Space Station video update for Aug. 15, 2012.	Transcript Link
2012 08 14	NASA Johnson	https://youtu.be/DHGsIxpqS0M	ISS Update - Aug. 14, 2012	The International Space Station video update for Aug. 14, 2012.	Transcript Link
2012 08 13	NASA Johnson	https://youtu.be/SXzum814CZA	ISS Update - Aug. 13, 2012	The International Space Station video update for Aug. 13, 2012.	Transcript Link
2012 08 10	NASA Johnson	https://youtu.be/ng28PbQPHAw	ISS Update Weekly Recap for August 10, 2012	The International Space Station Weekly Recap for Aug. 6-10, 2012.	Transcript Link

2012 08 09	NASA Johnson	https://youtu.be/l3ycSKfENcE	Smokey Visits Station Flight Control Room	Smokey Bear celebrated his 68th birthday with a special visit to the International Space Station Flight Control Room at Johnson Space Center in Houston. On May 14, Smokey went where no bear had gone before when Flight Engineer Joe Acaba and the Expedition 31 crew chose a plush Smokey doll to be the team's launch mascot.	Transcript Link
2012 08 09	NASA Johnson	https://youtu.be/kFS8G3kPbcs	Space Campers Speak With Astronaut Mike Fossum	From NASA's International Space Station Mission Control Center, NASA astronaut Mike Fossum participates in a Digital Learning Network (DLN) event with students at a space camp at the Kennedy Space Center Visitor Complex (Camp KSC) in Florida. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 08 09	NASA Johnson	https://youtu.be/VoLf3lgCU_Q	ISS Update Happy 68th Birthday Smokey Bear -- 08.09.12	ISS Update commentator Amiko Kauderer interviews Jeffrey Miller from the U.S. Forest Service inside Mission Control Center. It is the 68th birthday of Smokey Bear who has been promoting fire safety and prevention through the message, "Only You Can Prevent Wildfires." Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 08 09	NASA Johnson	https://youtu.be/Ibdz9Zdjy5c	Happy Birthday Smokey Bear from Joe Acaba	Expedition 32 Flight Engineer Joe Acaba wishes Smokey Bear a Happy Birthday. For 68 years Smokey Bear has been promoting fire safety and prevention through the message, "Only You Can Prevent Wildfires." A Smokey doll rode with Acaba into space when he launched aboard a Soyuz TMA-04M spacecraft.	Transcript Link

2012 08 09	NASA Johnson	https://youtu.be/HKZ4PzIZFKs	ISS Update - Aug. 9, 2012	The International Space Station video update for Aug. 9, 2012.	Transcript Link
2012 08 09	NASA Johnson	https://youtu.be/WVCTaxWIoRU	Astronaut Suni Williams on Value of Education	In this public service announcement, astronaut Suni Williams stresses the importance of studying science, technology, engineering and math. What you learn in school today will help you reach for the stars tomorrow!	Transcript Link
2012 08 08	NASA Johnson	https://youtu.be/r7UfMg-b0Uo	Earth Illuminated ISS Time-lapse Photography	From high above the Earth, the International Space Station (ISS) provides a unique vantage point to view our home planet. Stunning time-lapse photography of cities, aurora, lightning and other sights are seen from orbit. Famed astronomer Galileo imagined these views from space and now through the technological marvel of the space station, we can see them for ourselves. For more time-lapse imagery, visit the NASA website: http://eol.jsc.nasa.gov/Videos/CrewEarthObservationsVideos/ From here, NASA invites you to download videos or stills to enjoy or perhaps even create an ISS time-lapse video production of your own. HD download link: https://archive.org/details/EarthIlluminated	Transcript Link
2012 08 08	NASA Johnson	https://youtu.be/Iu-WBaso8xI	ISS Update - Aug. 8, 2012	The International Space Station video update for Aug. 8, 2012.	Transcript Link

2012 08 07	NASA Johnson	https://youtu.be/Ooo9ezYVePc	Countdown to EFT-1 The Arrival	As NASA counts down to the EFT-1 flight of Orion in 2014, the spacecraft that will fly that mission has arrived at the launch site in Florida. Take a look inside the Operations and Checkout Building at NASA's Kennedy Space Center and see how this historic building is being used to prepare Orion for flight.	Transcript Link
2012 08 07	NASA Johnson	https://youtu.be/Dm2PK3wJVaI	ISS Update - Aug. 7, 2012	The International Space Station video update for Aug. 7, 2012.	Transcript Link
2012 08 07	NASA Johnson	https://youtu.be/aRKxoB1EFLE	Morpheus Tether Test %2320	Morpheus conducts another tethered test, August 3, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology.	Transcript Link
2012 08 06	NASA Johnson	https://youtu.be/SAkh3EaZ9-E	ISS Update - Aug. 6, 2012	The International Space Station video update for Aug.6, 2012.	Transcript Link

2012 08 03	NASA Johnson	https://youtu.be/ZurKkfSCJJE	ISS Update Research and Technology Studies (Part 2) -- 08.03.12	ISS Update commentator Brandi Dean interviews Steve Rader, Research and Technology Studies (RATS) Data Manager, at Johnson Space Center's Space Vehicle Mockup Facility about communication delays that would take place during deep space missions. Simulations help crews and ground controllers understand the best tools and ways to facilitate communications during events such as emergencies.	Transcript Link
2012 08 03	NASA Johnson	https://youtu.be/n0mWwqB3rEw	ISS Update Research and Technology Studies (Part 1) -- 08.03.12	ISS Update commentator Brandi Dean interviews James Johnson, Research and Technology Studies (RATS) Test Director, at Johnson Space Center's Space Vehicle Mockup Facility about an upcoming team simulation to work out concepts for how humans will explore an asteroid.	Transcript Link
2012 08 03	NASA Johnson	https://youtu.be/QlN71PH8q3w	ISS Update Weekly Recap for August 3, 2012	The International Space Station Weekly Recap for July 30-Aug. 3, 2012.	Transcript Link
2012 08 02	NASA Johnson	https://youtu.be/YHvLIl-FV98	ISS Update Zero Gravity Suit Tests (Part 1) -- 08.02.12	ISS Update commentator Brandi Dean interviews Phillip Hooper, Crew Survival Team member, at Ellington Field about the Advanced Crew Escape Suit (ACES) for the Orion program.	Transcript Link

2012 08 02	NASA Johnson	https://youtu.be/SIILhXOQAvM	ISS Update Zero Gravity Suit Tests (Part 2) -- 08.02.12	ISS Update commentator Brandi Dean interviews Dustin Gohmert, Crew Survival Team Lead, at Ellington Field about the Orion capsule seat designed to accommodate the Advanced Crew Escape Suit (ACES).	Transcript Link
2012 08 02	NASA Johnson	https://youtu.be/W1gzqLUQGrc	ISS Update - August 2, 2012	The International Space Station video update for August 2, 2012.	Transcript Link
2012 08 02	NASA Johnson	https://youtu.be/pVdE5v2w8Pk	Spacecraft Docks Under Six Hours After Launch	Traveling about 250 miles above the Pacific Ocean and just west of the South American coast, the unpiloted ISS Progress 48 Russian cargo ship docked at 9:18 p.m. EDT Aug. 1 to the Pirs docking compartment of the International Space Station. The craft is delivering 1,962 pounds of propellant, 110 pounds of oxygen and air, 925 pounds of water and 2,817 pounds of spare parts and experiment hardware for a total of 2.9 tons of food, fuel and equipment to be delivered to the six crew members on the orbital laboratory. Progress 48 is scheduled to remain docked to Pirs until late December. For the first time, a Progress resupply spacecraft performed a same-day rendezvous and docking to the International Space Station. ISS Progress 48 verified an abbreviated launch-to-rendezvous schedule designed to reduce the typical two-day flight between a launch and docking. The goal is to use this new approach for future Progress and Soyuz flights.	Transcript Link
2012 08 01	NASA Johnson	https://youtu.be/eXwR0iXC0YU	ISS Update Food Technology on a Mission to Mars -- 08.01.12	ISS Update commentator Pat Ryan interviews Michele Perchonok, Advanced Food Technology Program Scientist, about developing food for a human crew on a mission to Mars. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link

2012 08 01	NASA Johnson	https://youtu.be/Bh-ZoDUXY48	ISS Update Progress 48 Launch and Docking -- 08.01.12	ISS Update commentator Pat Ryan interviews Dina Contella, Expedition 32 Lead Flight Director, about the details of the ISS Progress 48 cargo craft launch and docking. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 08 01	NASA Johnson	https://youtu.be/U-r3HLYvCsQ	ISS Update - August 1, 2012	The International Space Station video update for August 1, 2012.	Transcript Link
2012 07 31	NASA Johnson	https://youtu.be/WSY4W93XVC8	ISS Update Mars Science Laboratory -- 07.31.12	ISS Update commentator Pat Ryan interviews Dr. Doug Archer of the Mars Science Laboratory (MSL) Sample Analysis at Mars (SAM) Science Team about the MSL mission, the Curiosity Rover and the SAM instrument. Curiosity, the car-size, one-ton rover is bound for arrival on Mars at 1:31 a.m., EDT on Monday, Aug. 6. The landing will mark the beginning of a two-year prime mission to investigate one of the most intriguing places on Mars. Archer discusses SAM, which will analyze samples of material collected and delivered by the rover's arm. It includes a gas chromatograph, a mass spectrometer, and a tunable laser spectrometer with combined capabilities to identify a wide range of organic (carbon-containing) compounds and determine the ratios of different isotopes of key elements. Isotope ratios are clues to understanding the history of Mars' atmosphere and water. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation.	Transcript Link
2012 07 31	NASA Johnson	https://youtu.be/xXAy-IjCxrw	Orion Gets Moved	One of the full scale Orion mockups at NASA's Johnson Space Center recently moved to a new location in the Space Vehicle Mockup Facility. Astronauts have trained for decades in this facility on shuttle and station mockups. Orion was formerly located near the space station mockups, but is now taking up residence where the space shuttle mockups previously were.	Transcript Link

2012 07 31	NASA Johnson	https://youtu.be/eA4JXl7OPOw	Russian Cargo Craft Final Undocking	The ISS Progress 47 resupply vehicle, loaded with trash, undocked from the International Space Station's Pirs docking compartment for the final time July 30 at 5:19 p.m. EDT. The cargo ship undocked on July 22, then re-docked July 28 at 9:01 p.m. in a test of the new Kurs-NA automated rendezvous system.	Transcript Link
2012 07 31	NASA Johnson	https://youtu.be/G95UmbKKKf8	ISS Update - July 31, 2012	The International Space Station video update for July 31, 2012.	Transcript Link
2012 07 30	NASA Johnson	https://youtu.be/e6Faq1AmISI	Science off the Sphere Astro Puffs	In his off-duty time, NASA Astronaut Don Pettit experiments with the physics of water in the weightless environment aboard the International Space Station. Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link
2012 07 30	NASA Johnson	https://youtu.be/LmNfJVHEIbw	ISS Update - July 30, 2012	The International Space Station video update for July 30, 2012.	Transcript Link

2012 07 30	NASA Johnson	https://youtu.be/zQJ_TMdi2xM	Orion Exploring Beyond	As NASA continues building the Orion spacecraft, Space Launch System rocket and a revolutionized launch site, we are now only a few years away from sending humans to an asteroid and one day Mars. With "Orion: Exploring Beyond" take a look at what the first steps on those journeys will look like.	Transcript Link
2012 07 29	NASA Johnson	https://youtu.be/uSpsjodaKw0	ISS Progress 47 Re-docks to Space Station	The ISS Progress 47 cargo vehicle docks once again to the International Space Station's Pirs docking compartment Saturday, July 28, 2012, at 9:01 p.m. EDT after a successful test of its new automated rendezvous system.	Transcript Link
2012 07 26	NASA Johnson	https://youtu.be/sCjfDU5GLLg	ISS Update H-II Transfer Vehicle Activities	NASA Public Affairs Officer Josh Byerly talks with NASA astronaut Cady Coleman about the Japanese H-II Transfer Vehicle. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 07 26	NASA Johnson	https://youtu.be/vJXTOnUBTjA	ISS Update - July 26, 2012	The International Space Station video update for July 26, 2012.	Transcript Link

2012 07 25	NASA Johnson	https://youtu.be/T9g1x6HqeRY	ISS Update - July 25, 2012	The International Space Station video update for July 25, 2012.	Transcript Link
2012 07 24	NASA Johnson	https://youtu.be/L2uEOrA28yw	ISS Update - July 24, 2012	The International Space Station video update for July 24, 2012.	Transcript Link
2012 07 23	NASA Johnson	https://youtu.be/XREomzrhC2I	Japanese Cargo Craft Heads to Station	The Japan Aerospace Exploration Agency's H-IIB rocket carrying the H-II Transfer Vehicle-3 (HTV3) launched at 10:06 p.m. EDT (11:06 a.m. July 21 Japan time) on Friday, July 20 from the Tanegashima Space Center in southern Japan. On July 27, Expedition 32 Flight Engineers Joe Acaba and Akihiko Hoshide will command the station's robotic arm, Canadarm2, to reach out, grapple HTV3, also known as Kounotori3, and attach it to the Earth-facing port of the Harmony module.	Transcript Link
2012 07 23	NASA Johnson	https://youtu.be/mUBWQA-Oywc	ISS Update - July 23, 2012	The International Space Station video update for July 23, 2012.	Transcript Link

2012 07 22	NASA Johnson	https://youtu.be/gM_27HhWJTM	Progress 47 Undocks From Station	The ISS Progress 47 cargo vehicle undocked from the International Space Station's Pirs docking compartment Sunday, July 22 at 4:26 p.m. EDT.	Transcript Link
2012 07 20	NASA Johnson	https://youtu.be/GPSUHMPcW6U	ISS Update Science Aboard Kounotori3	NASA Public Affairs Officer Amiko Kauderer interviews Pete Hasbrook, associate program scientist, about the experiments traveling to the International Space Station aboard the H-II Transfer Vehicle-3, or HTV3. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 07 20	NASA Johnson	https://youtu.be/XKZgoSKLU4I	ISS Update Weekly Recap for July 20, 2012	The International Space Station Weekly Recap for July 16-20, 2012.	Transcript Link
2012 07 19	NASA Johnson	https://youtu.be/fturU0u5KJo	It Does Take a Rocket Scientist! Stan Love Explains Why Mars is Hard.	In this video, astronaut, physicist and, well, rocket scientist Stan Love presents his powerful and very entertaining presentation on "Why It's SOOOOOO Hard to Get to Mars." Like Stan says, it does take a rocket scientist. Lots of rocket scientists. And other really cool stuff that NASA is working on.	Transcript Link

2012 07 19	NASA Johnson	https://youtu.be/ckjF1V3E3wk	Students Speak With NASA Astronaut Scott Kelly	From NASA's International Space Station Mission Control Center, NASA astronaut Scott Kelly participates in a Digital Learning Network (DLN) event with students in the Galena Park Independent School District in Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 07 19	NASA Johnson	https://youtu.be/hV9rQKbnBEc	Science off the Sphere Spring Theory	NASA astronaut Don Pettit demonstrates how to measure mass in a weightless environment. Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link
2012 07 19	NASA Johnson	https://youtu.be/48PVtI3lJGE	ISS Update Testing the Suitport	NASA Public Affairs Officer Amiko Kauderer talks with Suitport Project manager Robert Boyle inside the Mission Control Center at Johnson Space Center. The Suitport is a new idea for a spacesuit that eliminates the need for an airlock. It reduces consumables and enables easier and more efficient spacewalking. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 07 19	NASA Johnson	https://youtu.be/sG4AMaGiqog	ISS Update - July 19, 2012	The International Space Station video update for July 19, 2012.	Transcript Link

2012 07 18	NASA Johnson	https://youtu.be/aYGN1Y2bfIs	NASA Completes Successful Orion Parachute Test	A C-17 plane dropped a test version of Orion from an altitude of 25,000 feet above the U.S. Army Yuma Proving Ground in southwestern Arizona on July 18, 2012. This test was the second to use an Orion craft that mimics the full size and shape of the spacecraft.	Transcript Link
2012 07 18	NASA Johnson	https://youtu.be/I9Ap8vnd2dQ	Orion Parachute Test, July 18	NASA completed another successful test Wednesday of the Orion crew vehicle's parachutes high above the Arizona desert in preparation for the spacecraft's orbital flight test in 2014. Orion will carry astronauts deeper into space than ever before, provide emergency abort capability, sustain the crew during space travel and ensure a safe re-entry and landing. A C-17 plane dropped a test version of Orion from an altitude of 25,000 feet above the U.S. Army Yuma Proving Ground in southwestern Arizona. This test was the second to use an Orion craft that mimics the full size and shape of the spacecraft. Orion's drogue chutes were deployed between 15,000 feet and 20,000 feet, followed by the pilot parachutes, which deployed the main landing parachutes. Orion descended about 25 feet per second, well below its maximum designed touchdown speed, when it landed on the desert floor. "Across the country, NASA and industry are moving forward on the most advanced spacecraft ever designed, conducting drop and splashdown tests, preparing ground systems, designing software and computers and paving the way for the future of exploration," said William Gerstenmaier, associate administrator for the Human Exploration and Operations Mission Directorate at NASA Headquarters in Washington. "Today's parachute test in Yuma is an important reminder of the progress being made on Orion and its ultimate mission -- enabling NASA to meet the goal of sending	Transcript Link
2012 07 18	NASA Johnson	https://youtu.be/k7XJNGKWF10	ISS Update - July 18, 2012	The International Space Station video update for July 18, 2012.	Transcript Link

2012 07 17	NASA Johnson	https://youtu.be/j4AEXtsJxp4	ISS Update Astronaut Shannon Walker -- 07.17.2012	In the International Space Station flight control room at NASA's Johnson Space Center, Houston, ISS Update commentator Amiko Kauderer interviewed Shannon Walker, NASA astronaut and Expedition 24 and 25 flight engineer. Walker talked about the docking of the Soyuz TMA-05M spacecraft carrying Expedition 32 Flight Engineers Suni Williams, Aki Hoshide and Yuri Malenchenko and the steps involved with opening the hatches between the station and the Soyuz. Williams, Hoshide and Malenchenko launched to the station on July 14 and docked July 17 to begin a four-month tour of duty aboard the orbiting complex. Walker talked about the training and preparations required to get the incoming crew members ready for their launch and stay aboard the station. She also explained in detail her launch experience aboard a Soyuz spacecraft and what the newest station crew members can expect during their launch. She also had a chance to answer a few questions submitted via Twitter about her experiences during launch and aboard the orbiting laboratory. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 07 17	NASA Johnson	https://youtu.be/DoNJwnDlQQ8	ISS Update - July 17, 2012	The International Space Station video update for July 17, 2012.	Transcript Link
2012 07 17	NASA Johnson	https://youtu.be/66qSNb481rM	Hatches Open, Expedition 32 Expands to Six	The hatches between the Soyuz and the Rassvet module opened Tuesday at 3:23 a.m. when Flight Engineers Suni Williams, Yuri Malenchenko and Aki Hoshide entered the International Space Station. Expedition 32 Commander Gennady Padalka and Flight Engineers Joe Acaba and Sergei Revin greeted their new crewmates. The six-member crew conducted a welcoming ceremony with family and mission officials then participated in a safety briefing.	Transcript Link

2012 07 17	NASA Johnson	https://youtu.be/JvQp2TVsM74	New Expedition 32 Trio Arrives at Station	Expedition 32 Flight Engineers Suni Williams, Yuri Malenchenko and Aki Hoshide have arrived at the International Space Station after two days in orbit. The new trio docked its Soyuz TMA-05M spacecraft to the Rassvet module at 12:51 a.m. EDT Tuesday.	Transcript Link
2012 07 15	NASA Johnson	https://youtu.be/MxMk5q-W92Y	New Expedition 32 Trio Launches to Station	Expedition 32 Flight Engineers Suni Williams, Yuri Malenchenko and Aki Hoshide launched aboard the Soyuz TMA-05M spacecraft at 10:40 p.m. EDT Saturday (8:40 a.m. Kazakhstan time on Sunday) from Baikonur Cosmodrome, Kazakhstan.	Transcript Link
2012 07 13	NASA Johnson	https://youtu.be/P0H2Qhzv5vs	ISS Update - Weekly Recap for July 9, 2012	The International Space Station Weekly Recap for July 9-13, 2012.	Transcript Link
2012 07 12	NASA Johnson	https://youtu.be/VWeucf-BjSU	NASA Cribs with Astronaut Mike Fincke	In this video produced by students in NASA's Cooperative Education Program, astronaut Mike Fincke gives a tour of the International Space Station crib at Johnson Space Center in Houston. The Cooperative Education Program provides students with opportunities to combine academic studies with on-the-job training and work on exciting NASA projects. It is designed to train and develop students for the possibility of full time employment at NASA upon graduation.	Transcript Link

2012 07 12	NASA Johnson	https://youtu.be/h-IYHJhQolk	ISS Update - July 12, 2012	The International Space Station video update for July 12, 2012.	Transcript Link
2012 07 11	NASA Johnson	https://youtu.be/sLXvw-hIpsQ	ISS Update Astronaut Mike Fossum	In the International Space Station flight control room at NASA's Johnson Space Center, Houston, ISS Update commentator Dan Huot interviewed Mike Fossum, NASA astronaut and Expedition 29 commander. Fossum talked about the upcoming launch of the three newest station residents, Expedition 32 Flight Engineers Suni Williams, Aki Hoshide and Yuri Malenchenko. Williams, Hoshide and Malenchenko are scheduled to launch to the station aboard their Soyuz TMA-05M spacecraft on July 14 and dock July 17 to begin a four-month tour of duty aboard the orbiting complex. Fossum talked about the training and preparations required to get the incoming crew members ready for their launch and stay aboard the station. He also talked about some of the traditions and activities the crew members participate in leading up to their launch. Fossum also explained in detail his launch experience aboard a Soyuz spacecraft and what the newest station crew members can expect during their launch. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 07 11	NASA Johnson	https://youtu.be/MZCtSqx_LXk	Soyuz TMA-05M Spacecraft Mating	The Soyuz TMA-05M spacecraft and booster are seen at the Integration Facility at the Baikonur Cosmodrome in Kazakhstan July 11, 2012 during the mating of the upper stages of the vehicle to the first stage as preparations continued for the scheduled launch July 15 (Kazakhstan time) of Expedition 32 Soyuz Commander Yuri Malenchenko, NASA Flight Engineer Sunita Williams and Flight Engineer Aki Hoshide of the Japan Aerospace Exploration Agency to the International Space Station.	Transcript Link
2012 07 11	NASA Johnson	https://youtu.be/igM-2qegJWo	Joe Acaba Speaks with WISH Students	Expedition 32 Flight Engineer Joe Acaba speaks with high school students participating in a summer program called Women in STEM High School Aerospace Scholars, or WISH, using the station's ham radio. The students, selected from across the country, are attending briefings and engaging in competitive hands-on engineering activities related to space exploration and research.	Transcript Link

2012 07 11	NASA Johnson	https://youtu.be/to04NU9eCNg	ISS Update Attitude Determination and Control Officer	NASA Public Affairs Officer Dan Huot talks with Attitude Determination and Control Officer (ADCO) flight controller Ann Esbeck in the Mission Control Center at Johnson Space Center. They discuss the role of the ADCO controller in the Mission Control Center. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 07 11	NASA Johnson	https://youtu.be/M3g_WPsAeQY	ISS Update - July 11, 2012	The International Space Station video update for July 11, 2012.	Transcript Link
2012 07 10	NASA Johnson	https://youtu.be/v3hiGch1FRM	ISS Update - July 10, 2012	The International Space Station video update for July 10, 2012.	Transcript Link
2012 07 09	NASA Johnson	https://youtu.be/-ttFW4MEjhg	ISS Update - July 9, 2012	The International Space Station video update for July 9, 2012.	Transcript Link

2012 07 06	NASA Johnson	https://youtu.be/XcKq3YjQSXE	ISS Update - Weekly Recap for July 2, 2012	The International Space Station Weekly Recap for July 2-6, 2012.	Transcript Link
2012 07 05	NASA Johnson	https://youtu.be/PSvDg6PRSd8	ISS Update - July 5, 2012	The International Space Station video update for July 5, 2012.	Transcript Link
2012 07 05	NASA Johnson	https://youtu.be/pP8D5M7-enk	Morpheus Tether Test %2317	Morpheus conducts another tethered test, June 18, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology. For more info visit: http://morpheuslander.jsc.nasa.gov/ http://www.nasa.gov/centers/johnson/exploration/morpheus/index.html	Transcript Link
2012 07 05	NASA Johnson	https://youtu.be/QDBsq5kWwiA	Morpheus Tether Test %2316	Morpheus conducts another tethered test, June 11, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology. For more info visit: http://morpheuslander.jsc.nasa.gov/ http://www.nasa.gov/centers/johnson/exploration/morpheus/index.html	Transcript Link

2012 07 05	NASA Johnson	https://youtu.be/nvLKAFDPaBM	ALHAT Integration and Testing	Autonomous Landing and Hazard Avoidance Technology (ALHAT) project integration and testing takes place at NASA Langley Research Center. The ALHAT project is a multi-center initiative to enable various types of space vehicles to scan for landing hazards and avoid them.	Transcript Link
2012 07 03	NASA Johnson	https://youtu.be/o_ynJ8UvC-E	A Shoutout from Dottie Metcalf-Lindenburger, NASA Astronaut	Have you ever wondered why science, technology, engineering, and math are so important? Think you might want to work for NASA someday? Astronaut Dottie Metcalf-Lindenburger studied geology, taught middle school and flew in space. STEM was important in each of these adventures and continues to play a key role in NASA's exploration of the solar system. Watch this video to find out how cool science, technology, engineering and math can be!	Transcript Link
2012 07 03	NASA Johnson	https://youtu.be/ATDATnaDhD4	ISS Update - July 3, 2012	The International Space Station video update for July 3, 2012.	Transcript Link
2012 07 02	NASA Johnson	https://youtu.be/vwmlD9Qsm0k	Expedition 32 Departs for Baikonur	A new trio of Expedition 32 flight engineers, NASA astronaut Suni Williams, Japan Aerospace Exploration Agency astronaut Aki Hoshide and Russian cosmonaut Yuri Malenchenko, departs the Gagarin Cosmonaut Training Center in Star City, Russia, for the Baikonur Cosmodrome in Kazakhstan on July 2, 2012 to begin two weeks of pre-launch preparations. They are set to launch from the Baikonur Cosmodrome in their Soyuz TMA-05M spacecraft July 14 and dock to the station on July 17.	Transcript Link

2012 07 02	NASA Johnson	https://youtu.be/kxUhayaPyKY	ISS Update - July 2, 2012	The International Space Station video update for July 2, 2012.	Transcript Link
2012 07 01	NASA Johnson	https://youtu.be/pUPo_IfiDR4	Station Crew Lands in Kazakhstan	Expedition 31 Commander Oleg Kononenko and Flight Engineers Don Pettit and Andre Kuipers land in Kazakhstan in their Soyuz spacecraft after 191 days aboard the International Space Station.	Transcript Link
2012 07 01	NASA Johnson	https://youtu.be/66QFmmkct7k	Expedition 31 Heads Home	The Soyuz TMA-03M spacecraft carrying Expedition 31 Commander Oleg Kononenko and Flight Engineers Don Pettit and Andre Kuipers undocks from the International Space Station.	Transcript Link
2012 07 01	NASA Johnson	https://youtu.be/iO9ghFLHts8	Expedition 31 Crew Farewell	Expedition 31 Commander Oleg Kononenko and Flight Engineers Don Pettit and Andre Kuipers bid farewell to their International Space Station crewmates and board the Soyuz TMA-03M spacecraft to return to Earth after 193 days in space.	Transcript Link

2012 06 30	NASA Johnson	https://youtu.be/FRwSH_u0Ll0	Padalka Accepts Command During Ceremony	Expedition 31 Commander Oleg Kononenko ceremonially handed command of the International Space Station to Russian cosmonaut Gennady Padalka. The two cosmonauts along with their four station crewmates were inside the Kibo laboratory for the crew handover.	Transcript Link
2012 06 29	NASA Johnson	https://youtu.be/FQS_qy9MIp8	ISS Update NASA Astronaut Mike Fincke	NASA Public Affairs Officer Rob Navias talks with NASA Astronaut Mike Fincke inside the Mission Control Center at Johnson Space Center. They discuss the current activities taking place aboard the International Space Station as well as Fincke's experience on orbit. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 29	NASA Johnson	https://youtu.be/_dRV021ogqk	ISS Update - June 29, 2012	The International Space Station video update for June 29, 2012.	Transcript Link
2012 06 29	NASA Johnson	https://youtu.be/WIsydeu7ZTo	Science off the Sphere Space Balloonacy	In his off duty time, NASA Astronaut Don Pettit cools down with some microgravity water balloon experiments aboard the International Space Station. Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link

2012 06 29	NASA Johnson	https://youtu.be/RWo4heFn83k	Science off the Sphere 1.21 Legowatts	NASA Astronaut Don Pettit gets creative with an educational LEGO kit aboard the International Space Station. Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link
2012 06 28	NASA Johnson	https://youtu.be/TlQDUe9l-xU	ISS Update Spaceflight Meteorology Group, Part 2	NASA Public Affairs Officer Dan Huot talks to Frank Brody, chief of the Spaceflight Meteorology Group (SMG) at Johnson Space Center, about SMG support for the upcoming landing of the Expedition 31 crew in Kazakhstan as well as the Mission Control Center's preparations for the 2012 hurricane season. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 28	NASA Johnson	https://youtu.be/A3Bosj8BFoQ	ISS Update Spaceflight Meteorology Group, Part 1	NASA Public Affairs Officer Dan Huot talks to Frank Brody, chief of the Spaceflight Meteorology Group (SMG) at Johnson Space Center, about SMG support for the upcoming landing of the Expedition 31 crew in Kazakhstan as well as the Mission Control Center's preparations for the 2012 hurricane season. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 28	NASA Johnson	https://youtu.be/NTkiO3IvWEQ	ISS Update - June 28, 2012	The International Space Station video update for June 28, 2012.	Transcript Link

2012 06 28	NASA Johnson	https://youtu.be/ANbqks1Z-gE	Wildfires Seen From Station	A video camera aboard the International Space Station captured this footage of the wildfires burning in the Western U.S., including Colorado.	Transcript Link
2012 06 27	NASA Johnson	https://youtu.be/t_BGIBYSl0A	ISS Update 1st Annual ISS R&D Conference	NASA Public Affairs Officer Kelly Humphries talks by phone on Wednesday with Julie Robinson, ISS Program Scientist, about the 1st Annual International Space Station Research and Development Conference taking place in Denver. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 27	NASA Johnson	https://youtu.be/WDZ95AU9HcU	ISS Update - June 27, 2012	The International Space Station video update for June 27, 2012.	Transcript Link
2012 06 26	NASA Johnson	https://youtu.be/JvZ1sYs0kuo	ISS Update Smartphone SPHERES	NASA Public Affairs Officer Kelly Humphries conducts a phone interview with Mark Micire, SPHERES Engineering Manager at Ames Research Center. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 06 26	NASA Johnson	https://youtu.be/HyAvYcYSSUg	ISS Update - June 26, 2012	The International Space Station video update for June 26, 2012.	Transcript Link
2012 06 25	NASA Johnson	https://youtu.be/hL0sCT_mt5E	ISS Update - June 25, 2012	The International Space Station video update for June 25, 2012.	Transcript Link
2012 06 22	NASA Johnson	https://youtu.be/-dPYiyRil4c	Space Station Live! Tour	NASA is using the Internet and smartphones to provide the public with a new inside look at what happens aboard the International Space Station and in the Mission Control Center. NASA Public Affairs Officer Dan Huot provides a video tour of the new site, which is now online at http://spacestationlive.nasa.gov.	Transcript Link
2012 06 22	NASA Johnson	https://youtu.be/PwlEzRgnGNI	ISS Update Weekly Recap for June 18, 2012	The International Space Station Weekly Recap for June 18-22, 2012.	Transcript Link

2012 06 21	NASA Johnson	https://youtu.be/dyxcXxcQb4o	ISS Update Robotic Refueling Mission	NASA Public Affairs Office Dan Huot interviews Jill McGuire, the Robotic Refueling Mission (RRM) Project Manager at Goddard Space Flight Center, about the current RRM operations taking place outside the International Space Station. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 21	NASA Johnson	https://youtu.be/yftHSsX6vqQ	ISS Update - June 21, 2012	The International Space Station video update for June 21, 2012.	Transcript Link
2012 06 20	NASA Johnson	https://youtu.be/Kp9XKP-8YfI	ISS Update - June 20, 2012	The International Space Station video update for June 20, 2012.	Transcript Link
2012 06 20	NASA Johnson	https://youtu.be/hZudNSm1oZs	Expedition 32 Final Soyuz Qualification Exams	Expedition 32 Flight Engineers Suni Williams, Yuri Malenchenko and Aki Hoshide take their final Soyuz systems qualification exams at the Gagarin Cosmonaut Training Center in Star City, Russia. The trio is scheduled to launch to the International Space Station on July 14.	Transcript Link

2012 06 19	NASA Johnson	https://youtu.be/s_M_Flv5-IA	NASA Asian-American History Month Profile -- Yong Yi	Yong Yi is Project Manager in the Facilities Management and Operations Division at NASA's Johnson Space Center. He works to identify problems and recommends improvements to buildings and equipment to improve reliability, efficiency, and safety. He provides technical direction and oversight for the design, operation, maintenance, and construction of facility electrical, mechanical, and architectural systems and equipment. Yi holds a Doctorate in Electrical Engineering from the Cullen College of Engineering at the University of Houston. He started his civil service career with JSC in 2008.	Transcript Link
2012 06 19	NASA Johnson	https://youtu.be/YP_ZbRY9vIY	ISS Update - June 19, 2012	The International Space Station video update for June 19, 2012.	Transcript Link
2012 06 19	NASA Johnson	https://youtu.be/XCH59iKxU8Q	ISS Update Dr. Steve Squyres, NEEMO 16 Aquanaut and Cornell Professor	ISS Update Commentator Pat Ryan interviews Dr. Steve Squyres, NEEMO 16 Aquanaut and Cornell Professor, about simulating a mission to an asteroid underwater. The Aquarius habitat simulates the isolation and limited space of a craft that would visit an asteroid. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 18	NASA Johnson	https://youtu.be/QiWPIf7CuKQ	ISS Update - June 18, 2012	The International Space Station video update for June 18, 2012.	Transcript Link

2012 06 15	NASA Johnson	https://youtu.be/d5lbBIJQKCw	ISS Update Bruce Manners, NASA COTS Project Executive for Orbital Sciences	ISS Update commentator Josh Byerly interviews Bruce Manners, NASA COTS Project Executive, about Orbital Sciences and the Cygnus rocket. Cygnus will deliver cargo to the International Space Station then return to Earth filled with trash for destructive entry like the Russian Progress resupply vehicle. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 15	NASA Johnson	https://youtu.be/J0A7OJ7ZJes	ISS Update Autonomous Mission Operations	NASA Public Affairs Officer Brandi Dean interviews Jeff Mauldin, Simulation Supervisor for Autonomous Mission Operations at Johnson Space Center in Houston, Texas. Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 15	NASA Johnson	https://youtu.be/uFd9Xw18yfk	ISS Update Alvin Drew Talks about Delayed Communications	ISS Update commentator Brandi Dean interviews NASA astronaut Alvin Drew about the Autonomous Mission Operations Test. Drew, who is the commander for the test, talks about the past, current and future tools astronauts would use when communicating at long distances and dealing with the time delay. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 15	NASA Johnson	https://youtu.be/fMIQSfglLd4	ISS Update Weekly Recap for June 11, 2012	The International Space Station Weekly Recap for June 11-15, 2012.	Transcript Link

2012 06 14	NASA Johnson	https://youtu.be/5fOmqFndsg0	Students Speak With Flight Director Mike Sarafin	From NASA's International Space Station Mission Control Center, NASA Flight Director Mike Sarafin participates in a Digital Learning Network (DLN) event with students in the Galveston Independent School District in Galveston, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 06 14	NASA Johnson	https://youtu.be/quHss1puIdc	ISS Update - June 14, 2012	The International Space Station video update for June 14, 2012.	Transcript Link
2012 06 14	NASA Johnson	https://youtu.be/F2k3EOvwAhE	ISS Update NEEMO 16 Simulates Spacewalk Underwater	ISS Update commentator Josh Byerly interviews European Space Agency astronaut Tim Peake, NEEMO 16 crew member. Peake talks about the spacewalk techniques they are testing by simulating an asteroid mission underwater. The activities are taking place in the Aquarius undersea laboratory. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 13	NASA Johnson	https://youtu.be/NrCmcdxrBI4	ISS Update Day 2 of NEEMO 16	ISS Update commentator Josh Byerly interviews astronaut Mike Gernhardt, principal investigator for NEEMO 16, about the simulated asteroid mission taking place in the Aquarius undersea laboratory. For more about NEEMO 16, visit http://www.nasa.gov/neemo. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 06 13	NASA Johnson	https://youtu.be/Z8KJOcN--HM	ISS Update - June 13, 2012	The International Space Station video update for June 13, 2012.	Transcript Link
2012 06 12	NASA Johnson	https://youtu.be/yasf5CjByZ0	ISS Update NEEMO 16	ISS Update commentator Josh Byerly interviews astronaut Stan Love about the NEEMO 16 mission from Aquarius Base. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 12	NASA Johnson	https://youtu.be/GNSdLjZdp7M	ISS Update - June 12, 2012	The International Space Station video update for June 12, 2012.	Transcript Link
2012 06 11	NASA Johnson	https://youtu.be/dJ5EJs-KLGI	ISS Update - June 11, 2012	The International Space Station video update for June 11, 2012.	Transcript Link

2012 06 08	NASA Johnson	https://youtu.be/Vi5N-bBHBLE	Perpetual Sun	Flight Engineer Don Pettit downloaded a video of the sun seen from the International Space Station as it orbits the Earth in a phase of continuous twilight.	Transcript Link
2012 06 08	NASA Johnson	https://youtu.be/53dWeDNsTF0	ISS Update After the Venus Transit	ISS Update commentator Brandi Dean interviewed astronaut Mario Runco about the results of the Expedition 31 crew's effort to photograph Venus transit. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 08	NASA Johnson	https://youtu.be/gvQkqhDdhE4	ISS Update Weekly Recap for June 4, 2012	The International Space Station Weekly Recap for June 4-8, 2012.	Transcript Link
2012 06 07	NASA Johnson	https://youtu.be/Hte9L5BXlDU	ISS Update Suitport Testing	ISS Update commentator Lynnette Madison interviews Joel Maganza, Test Director, about thermal vacuum chambers and unmanned and human-testing with the Suitport. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 06 07	NASA Johnson	https://youtu.be/NUqm_-0P7y8	ISS Update Suitport	ISS Update commentator Lynnette Madison interviews Mallory Jennings, Suitport Human Testing Lead, about making spacewalks easier and more efficient with the Suitport. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 07	NASA Johnson	https://youtu.be/GvFIYC_9Ie0	Students Speak With NASA Astronaut Mario Runco	From NASA's International Space Station Mission Control Center, NASA astronaut Mario Runco participates in a Digital Learning Network (DLN) event with students in the Newell School District in Newell, S.D. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 06 07	NASA Johnson	https://youtu.be/05v8YtGIWvo	ISS Update - June 7, 2012	The International Space Station video update for June 7, 2012.	Transcript Link
2012 06 06	NASA Johnson	https://youtu.be/w6fOS2H0oBM	ISS Update - June 4, 2012	The International Space Station video update for June 4, 2012.	Transcript Link

2012 06 06	NASA Johnson	https://youtu.be/XJklKnUsyEw	ISS Update - June 5, 2012	The International Space Station video update for June 5, 2012.	Transcript Link
2012 06 06	NASA Johnson	https://youtu.be/57YGgtb9Ktg	ISS Update Transit of Venus	ISS Update commentator Brandi Dean interviews Mario Runco, NASA astronaut, about Venus's transit across the sun on June 6. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 06 06	NASA Johnson	https://youtu.be/P6P7xhuLd84	ISS Update - June 6, 2012	The International Space Station video update for June 6, 2012.	Transcript Link
2012 06 01	NASA Johnson	https://youtu.be/mpIBhSXPEbo	Shuttle Replica On The Way To Space Center Houston	Atop a barge, the space shuttle full-scale replica nears the completion of its eight-day journey from the Kennedy Space Center destined for permanent retention at Space Center Houston, near the NASA Johnson Space Center.	Transcript Link

2012 06 01	NASA Johnson	https://youtu.be/C-w2oyGKEEg	ISS Update - June 1, 2012	The International Space Station video update for June 1, 2012.	Transcript Link
2012 06 01	NASA Johnson	https://youtu.be/nbHj4P81voA	Chase Plane Video Of Historic SpaceX Splashdown	During the reentry of SpaceX's Dragon capsule, NASA and the United States Navy flew a P-3 Orion Cast Glance aircraft to capture airborne views of the spacecraft's descent. The aircraft, based at the Navy's VX-30 squadron at the Naval Air Station Point Mugu, Calif., was able to record Dragon's reentry, parachute chute deployment and the capsule in the water. Dragon splashed down at 11:42 a.m. EDT on May 31 in the Pacific Ocean, more than 560 miles off the coast of Baja California. During its mission, Dragon became the first commercial spacecraft the rendezvous and berth with the International Space Station, paving the way for future commercial cargo delivery flights.	Transcript Link
2012 06 01	NASA Johnson	https://youtu.be/KYgmShdAUdk	Science off the Sphere Space Soundwaves II-Electric Didgeridoo	International Space Station Expedition 31 astronaut Don Pettit uses the station's vacuum cleaner and a shirt to make an electric Didgeridoo to test the behavior of non-newtonian fluids in the weightless environment aboard the station. Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link
2012 05 31	NASA Johnson	https://youtu.be/dKSbZQX4sSw	ISS Update - May 31, 2012	The International Space Station video update for May 31, 2012.	Transcript Link

2012 05 31	NASA Johnson	https://youtu.be/ANRgfnTcM2o	Dragon Departs the Station	The Expedition 31 crew used the Canadarm2 robotic arm to demate the SpaceX Dragon cargo vehicle from the Earth-facing port of the station's Harmony node at 4:07 a.m. EDT on Thursday. It was released from the station's robotic arm at 5:49 a.m.	Transcript Link
2012 05 30	NASA Johnson	https://youtu.be/AQx9GRwHD74	ISS Update How Long-Duration Spaceflight Affects Health	ISS Update commentator Kelly Humphries interviews the Principal Investigator for the Pro_K and Nutrition experiments, Dr. Scott Smith in the International Space Station flight control room at NASA's Johnson Space Center, Houston. During the interview, Smith talks about the Pro_K experiment, Nutrition experiment and how the microgravity environment of space can affect vision and health. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 30	NASA Johnson	https://youtu.be/YcHUlVMKy5o	Moon Rise	Aboard the International Space Station in May 2012, Expedition 31 astronaut Don Pettit opened the shutters covering the cupola observation windows in time to watch the moon rise. The time-lapse scene was photographed from the airlock of the Station's Russian segment.	Transcript Link
2012 05 30	NASA Johnson	https://youtu.be/xyNEnBqBxuM	ISS Update - May 30, 2012	The International Space Station video update for May 30, 2012.	Transcript Link

2012 05 29	NASA Johnson	https://youtu.be/xttzy1YDehM	ISS Update SpaceX Dragon Operations	NASA Public Affairs Officer Kelly Humphries talks with Lead Integration and Systems Engineer Paul Brower about SpaceX Dragon operations as the spacecraft's unberthing approaches. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 29	NASA Johnson	https://youtu.be/V1QhuWFWHIk	ISS Update - May 29, 2012	The International Space Station video update for May 29, 2012.	Transcript Link
2012 05 26	NASA Johnson	https://youtu.be/FZavdmhmuRI	Station Crew Talks To Reporters About Dragon Spacecraft	Expedition 31 Flight Engineers Don Pettit, Andre Kuipers and Joe Acaba discuss Dragon's mission with reporters during a crew news conference. Dragon is scheduled to spend six days berthed to the station before being detached and released on May 31.	Transcript Link
2012 05 26	NASA Johnson	https://youtu.be/9T0Sk1JV_oc	Station Crew Opens Dragon's Hatch	The hatch between the newly arrived SpaceX Dragon spacecraft and the Harmony module of the International Space Station was opened by NASA Astronaut Don Pettit at 5:53 am EDT as the station flew 253 miles above Auckland, New Zealand. The hatch opening begins four days of operations to upload more than 1,000 pounds of cargo from the first commercial spacecraft to visit the space station and reload it with experiments and cargo for a return trip to Earth. It is scheduled for splashdown several hundred miles west of California on May 31.	Transcript Link

2012 05 25	NASA Johnson	https://youtu.be/bGoJ66WNapE	Space Station Crew Welcomes World's First Commercial Cargo Craft	Aboard the International Space Station, Expedition 31 Flight Engineer Don Pettit of NASA, Flight Engineer Andre Kuipers of the European Space Agency and Flight Engineer Joe Acaba of NASA grappled and berthed the SpaceX Dragon spacecraft to the station's Harmony module May 25, 2012, marking a milestone in spaceflight history. Dragon became the first commercially developed space vehicle to be launched to the station to join Russian, European and Japanese resupply craft that service the complex while restoring a U.S. capability to deliver cargo to the orbital laboratory.	Transcript Link
2012 05 25	NASA Johnson	https://youtu.be/Lg5vdGs0G4	Dragon Grappled and Berthed to Station	The SpaceX Dragon capsule is grappled and berthed to the Earth-facing port of the International Space Station's Harmony module at 12:02 p.m. EDT, May 25, 2012.	Transcript Link
2012 05 25	NASA Johnson	https://youtu.be/sBpFdbgWoNI	May 24 Dragon Fly-Under Captured by Station Crew	Expedition 31 Flight Engineer Don Pettit captured this HD video of the SpaceX Dragon capsule's fly-under of the International Space Station on May 24.	Transcript Link
2012 05 24	NASA Johnson	https://youtu.be/YOuz7rTUP7M	ISS Update - May 24, 2012	The International Space Station video update for May 24, 2012.	Transcript Link

2012 05 24	NASA Johnson	https://youtu.be/lOSOfZCs2qQ	Dragon Closes in on Station	The SpaceX Dragon capsule closes in on the International Space Station for a series of tests to clear it for its final rendezvous and grapple.	Transcript Link
2012 05 23	NASA Johnson	https://youtu.be/kFcXLNpVO90	ISS Update Astronaut Participates in Autonomous Mission Operations Test	NASA Public Affairs Officer Brandi Dean talks with astronaut Alvin Drew who is participating in the Autonomous Mission Operations test, which looks at how communication delays will affect future deep space missions. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 23	NASA Johnson	https://youtu.be/fCWT563ckpE	ISS Update - May 23, 2012	The International Space Station video update for May 23, 2012.	Transcript Link
2012 05 23	NASA Johnson	https://youtu.be/eQaCFrjWSBo	ISS Update Communication Delays During Deep Space Missions	NASA Public Affairs Officer Brandi Dean talks with Jeremy Frank, Autonomous Mission Operations Test Principal Investigator, about how communication delays will affect future deep space missions and how NASA is preparing to deal with it. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 05 23	NASA Johnson	https://youtu.be/7nniQacLdfw	ISS Update Science and Commercial Vehicles	NASA Public Affairs Office commentator Pat Ryan talks with Dr. Tara Ruttley, ISS Associate Program Scientist, about the science payload carried in the SpaceX Dragon spacecraft, the impact of commercial cargo ships on science activities and the ISS Research & Development Conference in June. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 22	NASA Johnson	https://youtu.be/2VHCxltC91g	ISS Update The Role of OSO in Dragon's Demo Mission	NASA Public Affairs Office commentator Pat Ryan talks with Brandon Moncla, Lead Operations Support Officer (OSO) for the SpaceX Dragon Demo Mission, about preparations for the Dragon berthing and hatch opening, and role of the OSO team in station operations.	Transcript Link
2012 05 22	NASA Johnson	https://youtu.be/8LUMvJD8tX8	ISS Update - May 22, 2012	The International Space Station video update for May 22, 2012.	Transcript Link
2012 05 22	NASA Johnson	https://youtu.be/kd4cHe9-iME	Launch of SpaceX Falcon 9	The SpaceX Falcon 9 and Dragon capsule lift off May 22, 2012, from Cape Canaveral Air Force station in Florida to begin a demonstration mission to the International Space Station.	Transcript Link

2012 05 21	NASA Johnson	https://youtu.be/DhuxwKfi8IY	ISS Update SpaceX Dragon Launch Update	NASA Public Affairs Office commentator Pat Ryan talks with Mike Horkachuck, NASA Project Executive for SpaceX, for an update on the SpaceX Dragon's next launch attempt scheduled for Tuesday at 3:44 a.m. EDT. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 21	NASA Johnson	https://youtu.be/HUIPjYgbMIA	ISS Update - May 21, 2012	The International Space Station video update for May 21, 2012.	Transcript Link
2012 05 18	NASA Johnson	https://youtu.be/Ohs8TQxDuX8	Science off the Sphere Goo!	International Space Station Expedition 31 astronaut Don Pettit uses his computer speakers to test the behavior of non-newtonian fluids in the weightless environment aboard the station. Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link
2012 05 18	NASA Johnson	https://youtu.be/KRLCJ14tULQ	ISS Update Working With SpaceX Dragon	NASA Public Affairs Officer Amiko Kauderer talks with Sean O'Rourke, Lead Visiting Vehicle Officer for SpaceX Dragon, about the coordination between NASA and SpaceX for the upcoming launch and docking of the first commercial cargo craft to visit the International Space Station. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 05 18	NASA Johnson	https://youtu.be/3GZy4EK6Tic	America's New Paths in Space	A half century since it launched the first American to orbit, NASA has begun a new era of space exploration, embarking on two parallel paths of future spaceflight.	Transcript Link
2012 05 18	NASA Johnson	https://youtu.be/bA9PXqX_L4Y	ISS Update Weekly Recap for May 14, 2012	The International Space Station Weekly Recap for May 14-18, 2012.	Transcript Link
2012 05 17	NASA Johnson	https://youtu.be/Rat8vk1ZqN8	ISS Update Astronaut's Perspective	NASA Public Affairs Officer Amiko Kauderer interviews veteran NASA astronaut Cady Coleman about what it's like to receive visitors on the International Space Station as well as her other experiences in space. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 17	NASA Johnson	https://youtu.be/hK_iJTP8tLk	ISS Update - May 17, 2012	The International Space Station video update for May 17, 2012.	Transcript Link

2012 05 17	NASA Johnson	https://youtu.be/PXsd5Inb0WM	Expedition 31 Welcomes Three New Crewmates	Expedition 31 crew members Gennady Padalka, Joe Acaba and Sergei Revin were welcomed aboard the International Space Station after the hatches opened Thursday at 4:10 a.m. EDT. They docked to the Poisk module at 12:36 a.m. after a two day journey that began in Baikonur Cosmodrome, Kazakhstan aboard a Soyuz TMA-04M spacecraft.	Transcript Link
2012 05 17	NASA Johnson	https://youtu.be/1edR-eqo7bg	New Crew Docks to Poisk Module	Three new Expedition 31 crew members Gennady Padalka, Joe Acaba and Sergei Revin docked to the International Space Station's Poisk module Thursday May 17, at 12:36 a.m. EDT. They began their journey two days earlier when they launched aboard a Soyuz TMA-04M spacecraft from the Baikonur Cosmodrome, Kazakhstan.	Transcript Link
2012 05 16	NASA Johnson	https://youtu.be/1GfAAokC4YY	ISS Update SpaceX Dragon Carrying Station Science	NASA Public Affairs Officer Amiko Kauderer interviews Camille Alleyene, International Space Station Assistant Program Scientist, about the science experiments flying to the station and returning to Earth aboard the SpaceX Dragon commercial cargo craft. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 16	NASA Johnson	https://youtu.be/VYtRIRNbPHo	ISS Update - May 16, 2012	The International Space Station video update for May 16, 2012.	Transcript Link

2012 05 15	NASA Johnson	https://youtu.be/WGY2v_Ge3d0	ISS Update - May 15, 2012	The International Space Station video update for May 15, 2012.	Transcript Link
2012 05 15	NASA Johnson	https://youtu.be/nWHbDib7spI	Expedition 31 Crew Launch	The Soyuz TMA-04M spacecraft carrying Expedition 31 Flight Engineers Joe Acaba, Gennady Padalka and Sergei Revin blasts off from the Baikonur Cosmodrome in Kazakhstan at 11:01 p.m. EDT, May 14.	Transcript Link
2012 05 14	NASA Johnson	https://youtu.be/dXcrRyo1yS4	Inside the ISS Riding the Rocket	NASA astronauts Suni Williams and Joe Acaba talk about what it's like to ride on a Soyuz and how it differs from a space shuttle launch.	Transcript Link
2012 05 14	NASA Johnson	https://youtu.be/Tt2ayBSnexo	Inside the ISS Training Together	NASA astronauts Suni Williams and Joe Acaba discuss the training flow necessary to prepare for a mission aboard the International Space Station.	Transcript Link

2012 05 14	NASA Johnson	https://youtu.be/qYXVWGnr4kY	Inside the ISS Staying Connected	NASA astronauts Suni Williams and Joe Acaba discuss keeping in contact with friends and relatives while they're on board the International Space Station for six months.	Transcript Link
2012 05 14	NASA Johnson	https://youtu.be/qnFNZGdKn7U	Inside the ISS Baikonur, the Secret City	NASA astronauts Suni Williams and Joe Acaba talk about the formerly secret city of Baikonur in Kazakhstan, where launches of Russian rockets have occurred for decades.	Transcript Link
2012 05 14	NASA Johnson	https://youtu.be/GNbW9F4tr_I	ISS Update GPS and SpaceX Dragon Launch	NASA Public Affairs Officer Amiko Kauderer interviews Mike Horkachuck, NASA's Project Executive for SpaceX, who provides an update on the upcoming launch of the SpaceX Dragon spacecraft, as well as the replacement of a Global Positioning System (GPS) unit on the International Space Station. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 14	NASA Johnson	https://youtu.be/BJ293OyB84M	ISS Update - May 14, 2012	The International Space Station video update for May 14, 2012.	Transcript Link

2012 05 11	NASA Johnson	https://youtu.be/9hO6I8ybLCA	ISS Update Weekly Recap for May 11, 2012	The International Space Station Weekly Recap for May 7-11, 2012.	Transcript Link
2012 05 11	NASA Johnson	https://youtu.be/0g9nZRNjAAM	Morpheus Tether Test %2315	Morpheus conducts another tethered test, May 10, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology.	Transcript Link
2012 05 11	NASA Johnson	https://youtu.be/Eb8MfkgDFTA	Morpheus Tether Test %2314	Morpheus conducts another tethered test, May 5, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology.	Transcript Link
2012 05 11	NASA Johnson	https://youtu.be/lSrmxAy8BwE	Morpheus Tether Test %2313	Morpheus conducts another tethered test, May 2, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology.	Transcript Link

2012 05 11	NASA Johnson	https://youtu.be/zW8-HKTB9tY	Morpheus Tether Test %2312	Morpheus conducts another tethered test, April 18, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology.	Transcript Link
2012 05 10	NASA Johnson	https://youtu.be/5F412sXS6pA	Students Speak With ECLSS Officer Jesse Bazley	From NASA's International Space Station Mission Control Center Kyle Herring, Public Affairs Officer, participates in a Digital Learning Network (DLN) event with Jesse Bazley, Environmental Control and Life Support Systems (ECLSS) Officer, and students at Corpus Christ Catholic School in Chambersburg, PA. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 05 10	NASA Johnson	https://youtu.be/xKTN0CHq7sk	ISS Update - May 10, 2012	The International Space Station video update for May 10, 2012.	Transcript Link
2012 05 09	NASA Johnson	https://youtu.be/Jn7MdfdRFr0	ISS Update - May 9, 2012	The International Space Station video update for May 9, 2012.	Transcript Link

2012 05 08	NASA Johnson	https://youtu.be/0BkR6JPCSvA	ISS Update - May 8, 2012	The International Space Station video update for May 8, 2012.	Transcript Link
2012 05 07	NASA Johnson	https://youtu.be/U0rl_-z1YwQ	Science off the Sphere Space Soundwaves	International Space Station Expedition 30 astronaut Don Pettit demonstrates water oscillations on a speaker in microgravity, and ZZ Top rocks the boat 250 miles above Earth for "Science off the Sphere." Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link
2012 05 07	NASA Johnson	https://youtu.be/GPrd9hM4WFU	ISS Update Supermoon	Public Affairs Officer Kyle Herring narrates video of the "supermoon" captured from the International Space Station during Expedition 31. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 07	NASA Johnson	https://youtu.be/kHI9bTsn7ds	ISS Update - May 7, 2012	The International Space Station video update for May 7, 2012	Transcript Link

2012 05 04	NASA Johnson	https://youtu.be/F1iQyFFX63o	ISS Update Weekly Recap for May 4, 2012	The International Space Station Weekly Recap for April 30-May 4, 2012.	Transcript Link
2012 05 03	NASA Johnson	https://youtu.be/yFGz3EjaFjA	Students Speak With EVA Operations Specialist Glenda Brown	From NASA's International Space Station Mission Control Center, EVA Operations Specialist Glenda Brown participates in a Digital Learning Network (DLN) event with students at Victory Lakes Intermediate School in League City, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 05 03	NASA Johnson	https://youtu.be/tOXJgYnyGoM	ISS Update American Physical Society	NASA Public Affairs Officer Dan Huot talks with Becky Thompson, head of Public Outreach for the American Physical Society, a professional organization for physicists whose web site hosts astronaut Don Pettit's Science off the Sphere videos. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 03	NASA Johnson	https://youtu.be/w2fdRww2A14	ISS Update e-Textiles, Alerting Future Astronauts	NASA Public Affairs Officer Lynnette Madison talks with students from the University of Minnesota about wearable technology, or e-textiles, containing visual, tactile and audio sensors to alert future astronauts in the event of an emergency. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 05 03	NASA Johnson	https://youtu.be/M85C7BsEP_g	ISS Update Wearable Technology	NASA Public Affairs Officer Lynnette Madison talks with Human Interface Engineer Cory Simon about wearable technology containing sensors, displays and controls to assist future astronauts and augment their capability to perform more elaborate and complex tasks. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 05 03	NASA Johnson	https://youtu.be/RGDkmkX1f94	ISS Update - May 3, 2012	The International Space Station video update for May 3, 2012	Transcript Link
2012 05 02	NASA Johnson	https://youtu.be/0gEuzdgir2w	ISS Update - May 2, 2012	The International Space Station video update for May 2, 2012.	Transcript Link
2012 05 01	NASA Johnson	https://youtu.be/dwxBC0n2SNI	ISS Update - May 1, 2012	The International Space Station video update for May 1, 2012.	Transcript Link

2012 05 01	NASA Johnson	https://youtu.be/vZO27PSZbrc	ISS Update Capturing a Dragon	NASA Public Affairs Officer Josh Byerly talks with space station training instructors Jeff Tuxhorn and Graeme Newman, who trained the space station crews on how to capture SpaceX's Dragon spacecraft using the station's robotic arm. Dragon will rendezvous with the space station, hold position approximately 10 meters away, and then the station crew will capture it with the arm and berth it to the bottom side of the Harmony node. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 30	NASA Johnson	https://youtu.be/CNSmfxriT80	ISS Update - April 30, 2012	The International Space Station video update for April 30, 2012.	Transcript Link
2012 04 27	NASA Johnson	https://youtu.be/iiyK9_tgek0	ISS Update SpaceX Dragon	NASA Public Affairs Officer Kylie Clem interviews Mike Horkachuck, NASA's Project Executive for SpaceX, about the progress and milestones leading up to the launch of the SpaceX Dragon spacecraft. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 27	NASA Johnson	https://youtu.be/3m8hTg0xtkw	Science off the Sphere Earth in Infrared	International Space Station Expedition 30 astronaut Don Pettit views cities, agricultural areas and deserts using an infrared camera for 'Science off the Sphere.' Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link

2012 04 27	NASA Johnson	https://youtu.be/U9VFwGYRZQg	Science off the Sphere Fun with Antibubbles	International Space Station Expedition 30 astronaut Don Pettit injects air bubbles inside a sphere of water to demonstrate physics in space for 'Science off the Sphere.' Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link
2012 04 27	NASA Johnson	https://youtu.be/LhdCeiiAGjY	ISS Update Weekly Recap for April 27, 2012	The International Space Station Weekly Recap for April 13-27, 2012.	Transcript Link
2012 04 27	NASA Johnson	https://youtu.be/0JnLhJhl_00	Expedition 30 Landing	The Soyuz TMA-22 spacecraft carrying Expedition 30 Commander Dan Burbank and Flight Engineers Anton Shkaplerov and Anatoly Ivanishin lands in Kazakhstan on April 27, 2012.	Transcript Link
2012 04 27	NASA Johnson	https://youtu.be/PbLHgGbzTZI	Expedition 30 Farewell, Hatch Closure, Undocking	Expedition 30 Commander Dan Burbank and Flight Engineers Anatoly Ivanishin and Anton Shkaplerov say goodbye to their crewmates and leave the International Space Station aboard their Soyuz TMA-22 spacecraft early on the morning of April 27, 2012.	Transcript Link

2012 04 26	NASA Johnson	https://youtu.be/KPpWRXmEnR8	Students Speak With ODIN Flight Controller Amy Brezinski	From NASA's International Space Station Mission Control Center ODIN Flight Controller Amy Brezinski participates in a Digital Learning Network (DLN) event with students at Coppell Middle School in Coppell, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 04 26	NASA Johnson	https://youtu.be/L_NrzD5_D3E	ISS Update Station Command and Data Handling System	NASA Public Affairs Officer Kylie Clem interviews ODIN flight controller Amy Brezinski, who monitors and commands the Command and Data Handling System for the International Space Station. Brezinski is responsible for monitoring over 48 computers on the station that control the station and all its systems. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 26	NASA Johnson	https://youtu.be/pXoaiZMcKn8	ISS Update - April 26, 2012	The International Space Station video update for April 26, 2012.	Transcript Link
2012 04 25	NASA Johnson	https://youtu.be/rJcV_kWIR2A	Station Change of Command Ceremony	Expedition 30 Commander Dan Burbank ceremonially handed the keys to the International Space Station over to Expedition 31 Commander Oleg Kononenko in a ceremony on the complex on April 25, 2012.	Transcript Link

2012 04 25	NASA Johnson	https://youtu.be/Su0I0T43aPg	Students Speak With NASA Astronaut Mike Foreman	From NASA's International Space Station Mission Control Center NASA astronaut Mike Foreman participates in a Digital Learning Network (DLN) event with fifth grade students at Berry Elementary School in Houston, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 04 25	NASA Johnson	https://youtu.be/YfCws6c6_Tw	Inside the Russian Soyuz Spacecraft	In this episode of NASA: Behind the Scenes, take a tour inside the Russian Soyuz, the vehicle which takes the expedition crews back and forth to the International Space Station. Astronaut Mike Fincke, a veteran of the Soyuz and shuttle, shows off the features of the vehicles and talks about what it's like to be inside.	Transcript Link
2012 04 25	NASA Johnson	https://youtu.be/R157tS9t52Q	ISS Update - April 25, 2012	The International Space Station video update for April 25, 2012.	Transcript Link
2012 04 24	NASA Johnson	https://youtu.be/R9rqNX-U39g	ISS Update - April 24, 2012	The International Space Station video update for April 24, 2012.	Transcript Link

2012 04 24	NASA Johnson	https://youtu.be/qbDSusHrvZ0	Expedition 31 Crew Trains for Launch	The Expedition 31 crew - astronaut Joe Acaba and cosmonauts Gennady Padalka and Sergei Revin -- trains at Star City, Russia, for its upcoming launch to the International Space Station. Their backup crew members -- astronaut Kevin Ford and cosmonauts Oleg Novitskiy and Evgeny Tarelkin -- also participate.	Transcript Link
2012 04 23	NASA Johnson	https://youtu.be/ySEWSCoCvdg	ISS Update - April 23, 2012	The International Space Station video update for April 23, 2012.	Transcript Link
2012 04 20	NASA Johnson	https://youtu.be/7pjboLP3IGw	ISS Update Weekly Recap for April 20, 2012	The International Space Station Weekly Recap for April 16-20, 2012.	Transcript Link
2012 04 20	NASA Johnson	https://youtu.be/3pz-Xm5r-X8	ISS Update Earth Observations From Space Station	NASA Public Affairs Officer Amiko Kauderer interviews Cynthia Evans, Space Station Associate Program Scientist for Earth Observations, as NASA prepares to celebrate Earth Day. Evans discusses the types of observational data that can be collected by crew members and scientific instruments aboard the space station and their uses in understanding our world. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 04 20	NASA Johnson	https://youtu.be/hWz5ltE_I4c	Walking On Air	This video features a series of time lapse sequences photographed by the Expedition 30 crew aboard the International Space Station. Set to the song "Walking in the Air," by Howard Blake, the video takes viewers around the world, through auroras, and over dazzling lightning displays. The sequences are as follows: :01 -- Stars over southern United States :08 -- US west coast to Canada :21 -- Central Europe to the Middle East :36 -- Aurora Australis over the Indian Ocean :54 -- Storms over Africa 1:08 -- Central United States 1:20 -- Midwest United States 1:33 -- United Kingdom to Baltic Sea 1:46 -- Moonset 1:55 -- Northern United States to Eastern Canada 2:12 -- Aurora Australis over the Indian Ocean 2:32 -- Comet Lovejoy 2:53 -- Aurora Borealis over Hudson Bay 3:06 -- United Kingdom to Central Europe Song lyrics: We're walking in the air We're floating in the moonlit sky The people far below are sleeping as we fly	Transcript Link
2012 04 19	NASA Johnson	https://youtu.be/YasuPf09rrs	ISS Update From Orbiting Earth to Living Underwater	NASA Public Affairs Officer Brandi Dean interviews astronaut and NEEMO (NASA Extreme Environment Mission Operations) 16 Commander Dottie Metcalf-Lindenburger. Three NASA astronauts, a NASA researcher and two researchers from the National Undersea Research Center will work underwater off the Florida coast beginning in June simulating a mission to an asteroid. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 19	NASA Johnson	https://youtu.be/CQ2lFUJUMIk	ISS Update NEEMO Training Simulates Working on an Asteroid	NASA Public Affairs Officer Brandi Dean interviews Bill Todd, Mission Manager for NEEMO (NASA Extreme Environment Mission Operations). Three NASA astronauts, a NASA researcher and two researchers from the National Undersea Research Center will work underwater off the Florida coast beginning in June simulating a mission to an asteroid. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 04 19	NASA Johnson	https://youtu.be/HuXbXSJfCEs	ISS Update - April 19, 2012	The International Space Station video update for April 19, 2012.	Transcript Link
2012 04 18	NASA Johnson	https://youtu.be/t4I3ZRTefEo	SpaceX Dragon Briefing April 16, 2012 - Part 2 With Q&A	On April 16, 2012, a preflight briefing regarding the SpaceX Dragon cargo vehicle, followed by a question and answer session, was held at NASA's Johnson Space Center. Briefing participants were NASA's Administrator for Human Exploration and Operations Bill Gerstenmaier, International Space Station Program Manager Mike Suffredini, NASA's Commerical Orbital Transportation Services Program Manager Alan Lindenmoyer, SpaceX's Chief Executive Officer and Chief Designer Elon Musk and NASA Flight Director Holly Ridings.	Transcript Link
2012 04 18	NASA Johnson	https://youtu.be/S7eMODqLBrQ	SpaceX Dragon Briefing April 16, 2012 - Part 1	On April 16, 2012, a preflight briefing regarding the SpaceX Dragon cargo vehicle was held at NASA's Johnson Space Center. Briefing participants were NASA's Administrator for Human Exploration and Operations Bill Gerstenmaier, International Space Station Program Manager Mike Suffredini, NASA's Commerical Orbital Transportation Services Program Manager Alan Lindenmoyer, SpaceX's Chief Executive Officer and Chief Designer Elon Musk and NASA Flight Director Holly Ridings.	Transcript Link
2012 04 18	NASA Johnson	https://youtu.be/9EnQ3KOJ8iM	ISS Update - April 18, 2012	The International Space Station video update for April 18, 2012.	Transcript Link

2012 04 18	NASA Johnson	https://youtu.be/zP8wRbWAzYY	ISS Update Preparing to Leave the Station	NASA Public Affairs Officer Amiko Kauderer interviews NASA astronaut Mike Fossum about his time as commander of the International Space Station's Expedition 29 crew, including his preparations for returning to Earth. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 18	NASA Johnson	https://youtu.be/9mxHskEK_Os	Expedition 30 Flight Engineer Don Pettit on SpaceX Dragon	Expedition 30 Flight Engineer Don Pettit talks about the SpaceX Dragon vehicle, which will be the first commercial spacecraft to deliver supplies to the International Space Station.	Transcript Link
2012 04 18	NASA Johnson	https://youtu.be/hmJU--0tckc	Expedition 30 Commander Dan Burbank on Returning to Earth	Expedition 30 Commander talks about his upcoming return to Earth - along with Flight Engineers Anatoly Ivanishin and Anton Shkaplerov - and his experiences working aboard the International Space Station.	Transcript Link
2012 04 16	NASA Johnson	https://youtu.be/WdzKlmMFGA8	ISS Update Solar Powered Refrigerator	NASA Public Affairs Officer Dan Huot interviews Mike Ewert, Life Support and Thermal Systems Engineer. Ewert co-invented the solar powered refrigerator for stowage of medical samples, preservation of food and cooling of astronauts and their habitats. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 04 16	NASA Johnson	https://youtu.be/SnPQb10rFw4	ISS Update - April 16, 2012	The International Space Station video update for April 16, 2012.	Transcript Link
2012 04 13	NASA Johnson	https://youtu.be/PE5itvVLWsg	ISS Update Weekly Recap for April 13, 2012	The International Space Station Weekly Recap for April 9-13, 2012. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 12	NASA Johnson	https://youtu.be/5WblS6Gn-sY	Morpheus Tether Test %2311	Morpheus conducts another tethered test, April 11, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology. Read more about Morpheus testing: http://www.nasa.gov/centers/johnson/exploration/morpheus/index.html http://morpheuslander.jsc.nasa.gov/	Transcript Link
2012 04 12	NASA Johnson	https://youtu.be/a3nge7WcpzM	Morpheus Tether Test %2310	Morpheus conducts another tethered test, April 5, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology. Read more about Morpheus testing: http://www.nasa.gov/centers/johnson/exploration/morpheus/index.html http://morpheuslander.jsc.nasa.gov/	Transcript Link

2012 04 12	NASA Johnson	https://youtu.be/IKaRRVt7a48	Students Speak With NASA Astronaut Dottie Metcalf-Lindenburger	From NASA's International Space Station Mission Control Center NASA astronaut Dottie Metcalf-Lindenburger participates in a Digital Learning Network (DLN) event with students at Heritage Middle School in Idaho. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 04 12	NASA Johnson	https://youtu.be/0E0Du7aSTss	ISS Update - April 12, 2012	The International Space Station video update for April 12, 2012.	Transcript Link
2012 04 11	NASA Johnson	https://youtu.be/4qM7O5fctK4	ISS Update Carrying Discovery to its Final Destination	NASA Public Affairs Officer Josh Byerly interviews Shuttle Carrier Aircraft Pilot Jeff Moultrie and Flight Engineer Henry Taylor. They talk about the effort required to take off, fly and land with the space shuttle mated to the modified 747 jumbo jet and their thoughts about the end of the Space Shuttle Program. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 11	NASA Johnson	https://youtu.be/qd7meVJ7_fQ	ISS Update Diagnosing Astronauts in Space From Here on Earth	NASA Public Affairs Officer Josh Byerly interviews Ed Powers, NASA Flight Surgeon, about how flight doctors work with crew members, diagnosing astronauts in space from Earth and impacts to life here on Earth. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 04 11	NASA Johnson	https://youtu.be/vsUbTXSJWWM	ISS Update - April 11, 2012	The International Space Station video update for April 11, 2012.	Transcript Link
2012 04 10	NASA Johnson	https://youtu.be/DdlI2RB00Eg	ISS Update - April 10, 2012	The International Space Station video update for April 10, 2012.	Transcript Link
2012 04 09	NASA Johnson	https://youtu.be/IvBa5OiejU	Orion Parachute Testing Fed. 29, 2012	Performed on Feb. 29, 2012 at the U.S. Army Yuma Proving Grounds, this is the third in a series of the most flight-like parachute tests to date with a representative parachute compartment for the Orion spacecraft. It is the first such test to use a capsule shape representing Orion, known as a Parachute Test Vehicle. This video is narrated by Chris Johnson, project manager of the Orion Capsule Parachute Assembly Project.	Transcript Link
2012 04 09	NASA Johnson	https://youtu.be/2iq_zWQemmQ	Orion Parachute Testing Fed. 29, 2012 (No Narration)	Performed on Feb. 29, 2012 at the U.S. Army Yuma Proving Grounds, this is the third in a series of the most flight-like parachute tests to date with a representative parachute compartment for the Orion spacecraft. It is the first such test to use a capsule shape representing Orion, known as a Parachute Test Vehicle.	Transcript Link

2012 04 09	NASA Johnson	https://youtu.be/yy2H5QbYnQQ	ISS Update - April 9, 2012	The International Space Station video update for April 9, 2012.	Transcript Link
2012 04 06	NASA Johnson	https://youtu.be/OJeubyDL2dI	ISS Update Space Flight and the Immune System	NASA Public Affairs Officer Kelly Humphries interviews Brian Crucian, NASA immunologist, about the issues with space flight and the immune system. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 06	NASA Johnson	https://youtu.be/CyG0IzEzvBE	ISS Update Weekly Recap for April 6, 2012	The International Space Station Weekly Recap for April 2-6, 2012. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 06	NASA Johnson	https://youtu.be/3PWPTqvPc6s	Dan Burbank Gives a Station Tour	Expedition 30 Commander Dan Burbank gives a video tour of the International Space Station, highlighting some of the science facilities and equipment aboard the orbiting laboratory.	Transcript Link

2012 04 05	NASA Johnson	https://youtu.be/czyjjarl31Q	Students Speak With Todd Quasny, ODIN Flight Controller	From NASA's International Space Station Mission Control Center Todd Quasny, ODIN Flight Controller, participates in a Digital Learning Network (DLN) event with students at Northeast Nodaway Elementary School in Ravenwood, Mo. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 04 05	NASA Johnson	https://youtu.be/kDf4QJb0WCU	ISS Update - April 5, 2012	The International Space Station video update for April 5, 2012.	Transcript Link
2012 04 04	NASA Johnson	https://youtu.be/-snynzc0hAs	ISS Update Ground Control in Mission Control Center	NASA Public Affairs Officer Dan Huot interview Bill Foster, Ground Controller for NASA's Mission Control Center in Houston. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 04	NASA Johnson	https://youtu.be/rf9zgz834kQ	ISS Update - April 4, 2012	The International Space Station video update for April 4, 2012.	Transcript Link

2012 04 03	NASA Johnson	https://youtu.be/5vP8DS-yre0	ISS Update ATV-3 Cargo Transfer Activities	NASA Public Affairs Officer Dan Huot interviews Michael Ferullo, ATV-3 Lead Inventory and Stowage Officer. Transferring cargo to and from a docked resupply ship is a complex and time-consuming activity for the station residents. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 03	NASA Johnson	https://youtu.be/IrazH3I6KWg	Students Speak With Expedition 30 Crew	The International Space Station's Expedition 30 crew participates in a Digital Learning Network (DLN) event with students at O. Henry Middle School in Austin, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 04 03	NASA Johnson	https://youtu.be/NdyjtXn3YdQ	ISS Update - April 3, 2012	The International Space Station video update for April 3, 2012.	Transcript Link
2012 04 02	NASA Johnson	https://youtu.be/nJdWUifhkbE	Reduced Gravity Education Flight Program	NASA's Reduced Gravity Education Flight Program gives students and educators the opportunity to design, build and fly an experiment in microgravity and get a look at what it takes to be a NASA engineer or scientist.	Transcript Link

2012 04 02	NASA Johnson	https://youtu.be/rrU0jvZoAlk	ISS Update Reduced Gravity Education	NASA Public Affairs Officer Dan Huot interviews Veronica Seyl, Acting Manager for Reduced Gravity Education. NASA works with students and educators to design experiments for flight testing aboard the microgravity aircraft. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 04 02	NASA Johnson	https://youtu.be/7e4cmU5fbxA	ISS Update - April 2, 2012	The International Space Station video update for April 2, 2012.	Transcript Link
2012 03 30	NASA Johnson	https://youtu.be/Iz2w0QOz7UE	ISS Update Weekly Recap for March 30, 2012	The International Space Station Weekly Recap for March 26-30, 2012. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 30	NASA Johnson	https://youtu.be/iPekDRPIt_U	ISS Update ATV-3's Science Payload	ISS Update Commentator Pat Ryan interviews Camille Alleyne, Assistant Program Scientist for International Space Station. They discuss the science payload that was delivered to the station and crew aboard the "Edoardo Amaldi" Automated Transfer Vehicle-3 (ATV-3). Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 03 29	NASA Johnson	https://youtu.be/_qn9IcQKAwQ	Students Speak With Angela Bauer, Facilities Operations and Maintenance Group Lead	From NASA's International Space Station Mission Control Center Angela Bauer, Facilities Operations and Maintenance Group lead in the Mission Operations Directorate at Johnson Space Center, participates in a Digital Learning Network (DLN) event with students at Dowell Middle School in McKinney, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 03 29	NASA Johnson	https://youtu.be/3UUMQ_uzv3Q	ISS Update Keeping the Flight Control Rooms Running	ISS Update Commentator Pat Ryan interviews Angela Bauer, Facilities Operations and Maintenance Group lead in the Mission Operations Directorate at Johnson Space Center. They discuss her group's role in taking care of the Mission Control Center, including the four flight control rooms, as well as in the transition and retirement of the space shuttle. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 29	NASA Johnson	https://youtu.be/sTm-uBIKHEs	ISS Update - March 29, 2012	The International Space Station video update for March 29, 2012.	Transcript Link
2012 03 29	NASA Johnson	https://youtu.be/QBvfEm2Ab5g	ISS Update Role of Women in Space Program	From the historic Apollo Flight Control Room at the Johnson Space Center in Houston, NASA Public Affairs Officer Brandi Dean talks with Estella Gillette, who began her career at Johnson in 1964. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 03 29	NASA Johnson	https://youtu.be/oFI3GIa2eig	ISS Update Role of Women in Space Program	From the historic Apollo Flight Control Room at the Johnson Space Center in Houston, NASA Public Affairs Officer Brandi Dean talks with Selena Post, who began her career at Johnson in 1967. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 28	NASA Johnson	https://youtu.be/8UWJ_vjqP9s	ATV-3 Arrives at Station	The "Edoardo Amaldi" Automated Transfer Vehicle-3 (ATV-3) docked automatically to the aft port of the Zvezda service module on the International Space Station at 6:31 p.m. EDT Wednesday.	Transcript Link
2012 03 28	NASA Johnson	https://youtu.be/AdT1f8fvlf4	ISS Update Astronaut T.J. Creamer Continues Station Support at Marshall	Media Specialist Lori Meggs talks with astronaut T.J. Creamer about his new role as a Payload Operations Director at NASA's Marshall Space Flight Center in Huntsville, Ala. Creamer spent 161 days aboard the International Space Station beginning in December 2009 as a flight engineer and NASA science officer for Expedition 22/23. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 28	NASA Johnson	https://youtu.be/barTCHH0IFs	ISS Update - March 28, 2012	The International Space Station video update for March 28, 2012.	Transcript Link

2012 03 28	NASA Johnson	https://youtu.be/CrTUpTDyGpI	Science off the Sphere Lenses and Vortices	International Space Station Expedition 30 astronaut Don Pettit demonstrates physics in space for 'Science off the Sphere.' Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link
2012 03 27	NASA Johnson	https://youtu.be/1aTiyV5rEVQ	ISS Update High Rate Communications System	ISS Update Commentator Pat Ryan interviews Diego Serna, Communications and Tracking Officer, about the High Rate Communications System which will add additional voice and video channels as well as a faster communication speeds to improve communications between the space station and the ground.. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 27	NASA Johnson	https://youtu.be/R5gdAlRPBCU	ISS Update - March 27, 2012	The International Space Station video update for March 27, 2012.	Transcript Link
2012 03 27	NASA Johnson	https://youtu.be/qWa380jfeY0	Back at the ISS	"Back at the ISS" is a rocking musical greeting to ESA Astronaut André Kuipers, Russian cosmonaut Oleg Kononenko and the entire crew of the International Space Station on the occasion of the docking of ESA's third Automated Transfer Vehicle (ATV), Edoardo Amaldi, set for 28 March 2012. Video courtesy of the European Space Agency.	Transcript Link

2012 03 26	NASA Johnson	https://youtu.be/6c2qNgXQkWE	ISS Update Burning and Suppression of Solids	ISS Update Commentator Pat Ryan interviews Paul Ferkul, Principal Investigator for the Burning and Suppression of Solids (BASS) experiment, about performing combustion experiments in microgravity. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 26	NASA Johnson	https://youtu.be/n0c3ejjii9U	ISS Update - March 26, 2012	The International Space Station video update for March 26, 2012.	Transcript Link
2012 03 23	NASA Johnson	https://youtu.be/8aN6Jo6-24c	European Cargo Ship Launches to Station	The European Space Agency's third Automated Transfer Vehicle (ATV-3) launched atop an Ariane 5 rocket from the European space port in Kourou, French Guiana, at 12:34 a.m. EDT Friday, beginning a six-day journey to the International Space Station. The 13-ton "Edoardo Amaldi" spacecraft, named in honor of the 20th-century Italian physicist who is regarded as one of the fathers of European spaceflight, is delivering 7.2 tons of propellant, water and supplies to the six crew members aboard the orbital laboratory.	Transcript Link
2012 03 23	NASA Johnson	https://youtu.be/hvRtXld-9cY	Station Crew Talks With Bloomberg News	The Expedition 30 crew aboard the International Space Station talks with Ryan Chilcote of Bloomberg TV for a live in-flight interview on March 23, 2012.	Transcript Link

2012 03 23	NASA Johnson	https://youtu.be/DbB1xCF0YOw	ISS Update Astronaut Mike Fossum	NASA Public Affairs Officer Amiko Kauderer talks with astronaut Mike Fossum, veteran of three spaceflights and most recently commander of Expedition 29 aboard the International Space Station. Fossum discusses the current activities aboard the station and answers questions from Twitter. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 23	NASA Johnson	https://youtu.be/8BaCKePchoY	ISS Update Weekly Recap for March 23, 2012	The International Space Station Weekly Recap for March 19-23, 2012. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 23	NASA Johnson	https://youtu.be/RPV0agdRcBc	ISS Update Robonaut Glove Test (Part 2)	NASA Public Affairs Officer Brandi Dean interviews Chris Ihrke, General Motors Lead Engineer for the Robo-Glove Project, about the Robonaut glove test. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 23	NASA Johnson	https://youtu.be/H2Sa5vB_qBE	ISS Update SpaceX Space Act Agreement Status	NASA Public Affairs Officer Kyle Herring interviews Jon Cowart, Commercial Crew Program, Partner Manager for Space Exploration Technologies (SpaceX), about the status of Space Act Agreement. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 03 22	NASA Johnson	https://youtu.be/Ff_N7tYoW_k	Students Speak With Alvin Drew, Habitat Demo Unit Project Lead, Advanced Exploration Systems Program	From NASA's International Space Station Mission Control Center Avin Drew, Habitat Demonstration Unit Project Lead for the Advanced Exploration Systems Program, participates in a Digital Learning Network (DLN) event with seventh grade students at the Zion Lutheran School in Dallas, Texas. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	0
2012 03 22	NASA Johnson	https://youtu.be/u31iDZ9GUn4	ISS Update - March 22, 2012	The International Space Station video update for March 22, 2012.	Transcript Link
2012 03 21	NASA Johnson	https://youtu.be/axKe--vxJUc	ISS Update ISS Flight Director Royce Renfrew Talks Station Stuff	NASA Public Affairs Officer Amiko Kauderer interviews Space Station Flight Director Royce Renfrew, who talks about ISS crew activities, Robonaut, ATV-3 cargo and other 'stuff.' Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 21	NASA Johnson	https://youtu.be/L_q9p0GfFdo	ISS Update ATV-3 Overview From Eric Van der Wal	NASA Public Affairs Officer Amiko Kauderer interviews Eric Van Der Wal of the European Space Agency about the "Edoardo Amaldi" Automated Transfer Vehicle-3. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 03 21	NASA Johnson	https://youtu.be/u_tGYxoWuYY	ISS Update - March 21, 2012	The International Space Station video update for March 21, 2012. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 20	NASA Johnson	https://youtu.be/MmuiPBFPsfg	ISS Update ATV-3 Launch and Operations	NASA Public Affairs Officer Amiko Kauderer interviews Jerry Jason, Lead Flight Director ATV-3, about the ATV-3 Launch and Operations. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 20	NASA Johnson	https://youtu.be/ZpuBY0NR3Lw	ISS Update Robonaut Glove Test (Part 1)	NASA Public Affairs Officer Brandi Dean interviews Lyndon Bridgwater, Lead Mechanical Engineer for Robonaut 2 and Robo-Glove Project, about the Robonaut glove test. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 20	NASA Johnson	https://youtu.be/uYaOcxgCRW8	ISS Update Boeing Commercial Crew Space Act Agreement Status	NASA Public Affairs Officer Kyle Herring interviews Gennaro Caliendo, Commercial Crew Program, Partner Manager for Boeing, about the status of Space Act Agreement. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 03 20	NASA Johnson	https://youtu.be/ObHj0QcJZFo	ISS Update ATK Space Act Agreement Status	NASA Public Affairs Officer Kyle Herring interviews Ken Tenbusch, Commercial Crew Program, Partner Manager for ATK, about the status of Space Act Agreement. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 20	NASA Johnson	https://youtu.be/ObXf1aMwZGQ	ISS Update Sierra Nevada Corp. Space Act Agreement Status	NASA Public Affairs Officer Kyle Herring interviews Valin Thorn, Commercial Crew Program Partner Manager for Sierra Nevada Corp., about the status of Space Act Agreement. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 20	NASA Johnson	https://youtu.be/66YcK7vjD0E	ISS Update United Launch Alliance Space Act Agreement Status	NASA Public Affairs Officer Kyle Herring interviews Cheryl Malloy, Commercial Crew Program, Partner Manager for United Launch Alliance, about the status of Space Act Agreement. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 20	NASA Johnson	https://youtu.be/zezha14MNWg	ISS Update - March 20, 2012	The International Space Station video update for March 20, 2012.	Transcript Link

2012 03 19	NASA Johnson	https://youtu.be/uDjjUaeqZtw	ISS Update - March 19, 2012	The International Space Station video update for March 19, 2012.	Transcript Link
2012 03 16	NASA Johnson	https://youtu.be/I6x3JlSQViE	Morpheus Tether Test %239	Morpheus conducts another tethered test, March 16, 2012. Morpheus is a full spacecraft and rocket-powered lander, which demonstrates new green technology, as well as an autonomous landing and hazard detection technology. Read more about Morpheus testing at Johnson Space Center: http://www.nasa.gov/centers/johnson/exploration/morpheus/index.html http://morpheuslander.jsc.nasa.gov/	Transcript Link
2012 03 16	NASA Johnson	https://youtu.be/arNkaEhEuWk	Weekly ISS Recap - March 12-March 16, 2012	The weekly International Space Station video recap for March 12-March 16, 2012.	Transcript Link
2012 03 16	NASA Johnson	https://youtu.be/5GjiDj5nffA	ISS Update Blue Origin Space Act Agreement Status	NASA Public Affairs Officer Kyle Herring interviews Bill Lane, Commercial Crew Program Partner Manager for Blue Origin, about the Space Act Agreement. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link

2012 03 15	NASA Johnson	https://youtu.be/RpAUuOCmMO0	Robonaut 2 ISS Operations Overview	Deputy Robonaut 2 Project Manager Nic Radford discusses the culmination of R2's checkouts on orbit and what's next for the robot.	Transcript Link
2012 03 15	NASA Johnson	https://youtu.be/C1HikbcO9aY	Morpheus Tethered Test %238 -- March 13, 2012	After a series of upgrades, Morpheus conducts a successful tethered test, firing a new engine for 50 seconds and hovering for 40.	Transcript Link
2012 03 15	NASA Johnson	https://youtu.be/e2VRE_0nWo8	ISS Update - March 14, 2012	The International Space Station video update for March 14, 2012.	Transcript Link
2012 03 15	NASA Johnson	https://youtu.be/U00oAvnVp0M	Students Speak With Jeff Chancellor, Radiation Scientist, NSBRI	From NASA's International Space Station Mission Control Center Jeff Chancellor, Radiation Scientist at the National Space Biomedical Research Institute, participates in a Digital Learning Network (DLN) event with students at West End High School in Walnut Grove, Alabama. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link

2012 03 15	NASA Johnson	https://youtu.be/JRDEF7dE_K0	ISS Update - March 15, 2012	The International Space Station video update for March 15, 2012.	Transcript Link
2012 03 14	NASA Johnson	https://youtu.be/rVuOlpImsSQ	Orion Exploration Flight Test-1 Animation (with narration by Jay Estes)	This animation depicts the proposed test flight of the Orion spacecraft in 2014. During the test, which is called Exploration Flight Test-1 (EFT-1), Orion will launch from Cape Canaveral, Fla., perform two orbits, reaching an altitude higher than any achieved by a spacecraft intended for human use since 1973, and then will re-enter and land in the Pacific Ocean off the west coast of the United States. Narration by Jay Estes, Deputy for flight test integration in the Orion program.	Transcript Link
2012 03 14	NASA Johnson	https://youtu.be/exm2YAP8r4g	ISS Update Excalibur Almaz Inc. Space Act Agreement Status	NASA Public Affairs Officer Kyle Herring talks with Sarah Waechter, partner manager for Excalibur Almaz Inc., about the Space Act Agreement. Questions? Ask us on Twitter @NASA_Johnson and include the hashtag #askStation. For the latest news about the space station, visit http://www.nasa.gov/station.	Transcript Link
2012 03 14	NASA Johnson	https://youtu.be/c1kxPclgMgo	Brad Jones on Commercial Crew Program Partner Integration	NASA Public Affairs Officer Kyle Herring talks with Brad Jones, deputy manager for the Partner Integration Office of the Commercial Crew Program.	Transcript Link

2012 03 13	NASA Johnson	https://youtu.be/iDeMOJSt0xI	Robonaut 2 Speaks Sign Language	Robonaut 2 goes through a series of dexterity tests as it spells out "Hello world" in sign language while Flight Engineer Don Pettit looks on.	Transcript Link
2012 03 13	NASA Johnson	https://youtu.be/730yoTrzFpc	Interview with Ed Mango, Commercial Crew Program Manager	NASA Public Affairs Officer Kyle Herring interviews Ed Mango, Manager of the Commercial Crew Program.	Transcript Link
2012 03 13	NASA Johnson	https://youtu.be/yx8Xv6sj1u8	ISS Update - March 13, 2012	The International Space Station video update for March 13, 2012.	Transcript Link
2012 03 13	NASA Johnson	https://youtu.be/smKA4K8iz80	ISS Update - March 12, 2012	The International Space Station video update for March 12, 2012.	Transcript Link

2012 03 12	NASA Johnson	https://youtu.be/HLXz1h0Uukg	Update on Discovery Transition from Kevin Templin (2 2)	NASA Public Affairs Officer Kyle Herring continues his discussion with Kevin Templin, the Transition Integration Manager for the Space Shuttle Program Transition and Retirement Office, about the work being done on space shuttle Discovery to prepare the vehicle for retirement and ferry flight. Part one here: http://www.youtube.com/watch?v=_tpZmPlAaOo	Transcript Link
2012 03 12	NASA Johnson	https://youtu.be/_tpZmPlAaOo	Update on Discovery Transition from Kevin Templin (1 2)	NASA Public Affairs Officer Kyle Herring talks with Kevin Templin, the Transition Integration Manager for the Space Shuttle Program Transition and Retirement Office, about the work being done on space shuttle Discovery to prepare the vehicle for retirement and ferry flight. Part two here: http://www.youtube.com/watch?v=HLXz1h0Uukg	Transcript Link
2012 03 09	NASA Johnson	https://youtu.be/8kfL-tyeFhA	Weekly ISS Recap - March 5-March 9, 2012	The weekly International Space Station video recap for March 5-March 9, 2012.	Transcript Link
2012 03 09	NASA Johnson	https://youtu.be/fwxuO_Zpme8	Interview with Ken Bollweg, VASMIR Project Manager	NASA Public Affairs Officer Dan Huot interviews Ken Bollweg, VASMIR Project Manager. VASMIR (Variable Specific Impulse Magnetoplasma Rocket) is a next generation plasma rocket currently under development.	Transcript Link

2012 03 08	NASA Johnson	https://youtu.be/jEl25QSruSs	Interview With Steven Platts, Lead Scientist, Cardiovascular Research	NASA Public Affairs Officer Josh Byerly talks with Steven Platts, a lead scientist for cardiovascular research at the Johnson Space Center where scientists are studying the effects of long-duration spaceflight on the human body.	Transcript Link
2012 03 08	NASA Johnson	https://youtu.be/kDIDNHgfkNc	Interview With Stuart Lee, Lead Scientist, Cardiovascular Lab	NASA Public Affairs Officer Josh Byerly talks with Stuart Lee, one of the lead scientists for the Cardiovascular Lab at the Johnson Space Center where scientists are studying the effects of long-duration spaceflight on the human body.	Transcript Link
2012 03 08	NASA Johnson	https://youtu.be/ZD0ODZnPivc	ISS Update - March 8, 2012	The International Space Station video update for March 8, 2012.	Transcript Link
2012 03 08	NASA Johnson	https://youtu.be/Uddz-3RwA_Y	Science off the Sphere Thin Film Physics	International Space Station Expedition 30 astronaut Don Pettit demonstrates physics in space for 'Science off the Sphere.' Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link

2012 03 07	NASA Johnson	https://youtu.be/YvF6grBY3D4	Station Residents Speak with San Jose Students	Expedition 30 Commander Dan Burbank and Flight Engineer Don Pettit speak with students from Washington Elementary in San Jose, California during a Destination Station event.	Transcript Link
2012 03 07	NASA Johnson	https://youtu.be/uQA-K9MyQ3A	Interview With Alex Janas, Goddard Robot Operator	NASA Public Affairs Officer Dan Huot talks with Alex Janas, robotics operator from the Goddard Space Flight Center, about the Robotic Refueling Mission aboard the International Space Station.	Transcript Link
2012 03 06	NASA Johnson	https://youtu.be/A70ci9rY9pc	ISS Update - March 6, 2012	The International Space Station video update for March 6, 2012.	Transcript Link
2012 03 06	NASA Johnson	https://youtu.be/ByTWL5W6NLk	Students Speak With Gary Cox, EPIC Project Manager	From NASA's International Space Station Mission Control Center Gary Cox EPIC Project Manager, participates in a Digital Learning Network (DLN) event with students at South Effingham Middle School in Guyton, GA. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link

2012 03 06	NASA Johnson	https://youtu.be/dUyWHkE7qeU	Students Speak With Tara Ruttley Assoc. ISS Program Scientist	From NASA's International Space Station Mission Control Center Tara Ruttley Associate ISS Program Scientist, participates in a Digital Learning Network (DLN) event with students at St. Vincent St. Mary High School in Akron, OH. The DLN connects students and teachers with NASA experts and education specialists using online communication technologies like video/web conferencing and webcasting. Register for free, interactive events listed in the catalog or watch the webcasts. http://dln.nasa.gov	Transcript Link
2012 03 05	NASA Johnson	https://youtu.be/tsCAsL5581Q	ISS Update - March 5, 2012	The International Space Station video update for March 5, 2012.	Transcript Link
2012 03 02	NASA Johnson	https://youtu.be/MEH8GXXiZnE	Weekly ISS Recap - Feb. 27 - March 2, 2012	The weekly International Space Station video recap for Feb. 27 - March 2, 2012	Transcript Link
2012 03 02	NASA Johnson	https://youtu.be/bSyS73kwVEk	Interview with Dr. Jean Sibonga, Bone Lead Human Research Program	NASA Public Affairs Officer Brandi Dean interviews Dr. Jean Sibonga, Bone Lead Human Research Program. Changes in bone structure and bone loss is a consequence of long term missions in space and NASA doctors are working on countermeasures such as exercise, diet and drugs to maintain crew health.	Transcript Link

2012 03 01	NASA Johnson	https://youtu.be/gkEzvQEN70k	Interview with Gary Cox, EPIC Project Manager	NASA Public Affairs Officer Brandi Dean interviews Gary Cox, EPIC Project Manager. EPIC (Enhanced Processor and Integrated Communications) is the computer upgrade program for the International Space Station which will increase the orbital laboratory's scientific output as well enable it to communicate with future commercial spacecraft.	Transcript Link
2012 03 01	NASA Johnson	https://youtu.be/IWE5BPy3NIQ	ISS Update - March 1, 2012	The International Space Station video update for March 1, 2012.	Transcript Link
2012 02 29	NASA Johnson	https://youtu.be/za3999pxjI4	Interview with EarthKAM participants	NASA Public Affair Officer Brandi Dean talks with Frank Sanchez, a teacher, and Luis Tamayo, student, on their experience with using EarthKAM to capture images of Earth from the International Space Station. For more info, visit http://www.EarthKAM.ucsd.edu	Transcript Link
2012 02 29	NASA Johnson	https://youtu.be/SdbFn9DOzRg	Interview with Brion Au, EarthKAM payload developer	NASA Public Affairs Officer Josh Byerly talks with Brion Au, one of the payload developers for EarthKAM. This is a NASA education program that enables students to photograph and examine Earth from the International Space Station crew's perspective. For more info, visit http://www.EarthKAM.ucsd.edu	Transcript Link

2012 02 29	NASA Johnson	https://youtu.be/DRf_QY_r82M	ISS Update - Feb. 29, 2012	The International Space Station video update for Feb. 29, 2012.	Transcript Link
2012 02 29	NASA Johnson	https://youtu.be/e7DEw70LVWs	We Are the Explorers	Why do we explore? Simply put, it is part of who we are, and it is something we have done throughout our history. In NASA's new video, "We Are the Explorers," we take a look at that tradition of reaching for things just beyond our grasp and how it is helping us lay the foundation for our greatest journeys ahead. HD download link: https://archive.org/details/WeAreTheExplorers	Transcript Link
2012 02 28	NASA Johnson	https://youtu.be/o35D_6pcp90	ISS Update - Feb. 28, 2012	The International Space Station video update for Feb. 28, 2012.	Transcript Link
2012 02 27	NASA Johnson	https://youtu.be/MH93FSS8ZOQ	Interview with Amy Ross, Spacesuit Engineer (Part 2)	NASA Public Affairs Officer Josh Byerly talks with Amy Ross, Spacesuit Engineer at Johnson Space Center.	Transcript Link

2012 02 27	NASA Johnson	https://youtu.be/d_xlXqYFZc	Interview with Amy Ross, Spacesuit Engineer (Part 1)	NASA Public Affairs Officer Josh Byerly talks with Amy Ross, Spacesuit Engineer at Johnson Space Center.	Transcript Link
2012 02 27	NASA Johnson	https://youtu.be/nOkUx7KG12I	ISS Update - Feb. 27, 2012	The International Space Station video update for Feb. 27, 2012.	Transcript Link
2012 02 24	NASA Johnson	https://youtu.be/q1k9njdSVE0	Science off the Sphere Bistronauts	International Space Station Expedition 30 astronaut Don Pettit demonstrates physics in space for 'Science off the Sphere.' Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots The crew aboard the International Space Station try out a novel new design in microgravity teacup technology.	Transcript Link
2012 02 24	NASA Johnson	https://youtu.be/q6Hrz2xXi6s	Interview with Trent Martin, AMS Project Manager	NASA Public Affairs Officer Kelly Humphries talks with Trent Martin, Johnson Space Center project manager for the Alpha Magnetic Spectrometer (AMS) aboard the International Space Station.	Transcript Link

2012 02 24	NASA Johnson	https://youtu.be/rSQ-V4QFcLk	Interview with Peter Lu, Co-investigator for BCAT-6 Experiment	NASA Public Affairs Officer Kelly Humphries talks with Peter Lu, co-investigator for the Binary Colloidal Alloy Test-6 - Phase Separation experiment at Harvard University.	Transcript Link
2012 02 24	NASA Johnson	https://youtu.be/mlL22pcFxPw	Weekly ISS Recap - Feb. 20-Feb. 24, 2012	The weekly International Space Station video recap for Feb. 20-Feb. 24, 2012.	Transcript Link
2012 02 23	NASA Johnson	https://youtu.be/NJ3Mv0w7G5A	Interview with Tara Ruttley, Associate International Space Station Program Scientist	Tara Ruttley talks about her educational path and her career activities at NASA. She also discusses her experience as a NEEMO (NASA Extreme Environment Mission Operations) crew member.	Transcript Link
2012 02 23	NASA Johnson	https://youtu.be/U6eeiEQLTEg	ISS Update - Feb. 23, 2012	The International Space Station video update for Feb. 23, 2012.	Transcript Link

2012 02 22	NASA Johnson	https://youtu.be/ZJABYfMfA_c	Interview with Mark Weislogel, Principal Investigator, Capillary Flow Experiments-2	Mark Weislogel talks about the Capillary Flow Experiments-2, which is on the International Space Station.	Transcript Link
2012 02 22	NASA Johnson	https://youtu.be/PK78GB5UkFQ	Interview with Expedition 30 Lead Flight Director Scott Stover	Expedition 30 Lead Flight Director Scott Stover talks about his background and his job in Mission Control.	Transcript Link
2012 02 22	NASA Johnson	https://youtu.be/Q8qolIHh4zU	ISS Update - Feb. 22, 2012	The International Space Station video update for Feb. 22, 2012.	Transcript Link
2012 02 17	NASA Johnson	https://youtu.be/NUkoGY4Mf68	Interview with STS-95 Flight Director Phil Engelauf	Former Flight Direcor Phil Engelauf talks about John Glenn's flight aboard space shuttle Discovery on the STS-95 mission.	Transcript Link

2012 02 17	NASA Johnson	https://youtu.be/plxsW6-9DIU	Interview with Robonaut Deputy Project Manager Nic Radford	Robonaut Deputy Project Manager Nic Radford talks about Robonaut's first hand shake in space, as well as what the future hold for robot aboard the International Space Station.	Transcript Link
2012 02 17	NASA Johnson	https://youtu.be/iV9WalIV91s	ISS Update - Feb. 17, 2012	The International Space Station video update for Feb. 17, 2012.	Transcript Link
2012 02 15	NASA Johnson	https://youtu.be/rXadFVbtEkI	Robonaut 2 ISS Task Board	Engineers put Robonaut 2 through its paces on a task board that mimics controls it would work with aboard the International Space Station. More info: http://www.nasa.gov/robonaut	Transcript Link
2012 02 15	NASA Johnson	https://youtu.be/czzaxkYCu54	Interview with Marc Ciupitu (Part 2)	Marc Ciupitu, EVA Flight and Increment Manager, speaks to NASA Public Affairs Officer Brandi Dean about the differences between Russian and American spacesuits.	Transcript Link

2012 02 15	NASA Johnson	https://youtu.be/zruqSXVM1OY	Interview with Marc Ciupitu (Part 1)	Marc Ciupitu, EVA Flight and Increment Manager, speaks to NASA Public Affairs Officer Brandi Dean about the Russian Orlan spacesuits that cosmonauts wear during spacewalks. Marc also discusses what the cosmonauts do just before beginning a spacewalk and the difference between Russian and American spacesuits.	Transcript Link
2012 02 15	NASA Johnson	https://youtu.be/grieVTdxsNI	Robonaut Shakes Hands	Robonaut extends its hand for the first "man-machine" handshake in space with Commander Dan Burbank.	Transcript Link
2012 02 15	NASA Johnson	https://youtu.be/S9pXzASpKIM	ISS Update - Feb. 15, 2012	The International Space Station video update for Feb. 15, 2012.	Transcript Link
2012 02 14	NASA Johnson	https://youtu.be/7cgdlRIdZgk	Spacewalk Preview With Glenda Brown	Glenda Brown, NASA's lead spacewalk officer for Expedition 30, talks with NASA Public Affairs Officer Josh Byerly about Thursday's spacewalk aboard the International Space Station.	Transcript Link

2012 02 14	NASA Johnson	https://youtu.be/ZvCbB_vGI1Y	Nic Radford Interview	NASA Public Affairs Officer Josh Byerly talks with Robonaut's Deputy Project Manager Nic Radford about the robot's checkout activities aboard the International Space Station this week. Expedition 30 commander Dan Burbank was testing the robot's joints and movements to make sure Robonaut was working as planned.	Transcript Link
2012 02 14	NASA Johnson	https://youtu.be/ckp48-Ymv7k	ISS Update - Feb. 14, 2012	The International Space Station video update for Feb. 14, 2012.	Transcript Link
2012 02 13	NASA Johnson	https://youtu.be/RCq-RPNBsIA	ISS Update - Feb. 13, 2012	The International Space Station video update for Feb. 13, 2012.	Transcript Link
2012 02 10	NASA Johnson	https://youtu.be/U3DAOF34r34	Up the East Coast of North America (With Cities Labeled)	This video was taken by the crew of Expedition 30 on board the International Space Station. The sequence of shots was taken January 29, 2012 from 05:33:11 to 05:48:10 GMT, on a pass from just southwest of Mexico to the North Atlantic Ocean, northeast of Newfoundland. This pass begins looking over Central America towards the Gulf of Mexico and the southeastern United States. As the ISS travels northeast over the gulf, some southeastern United States cities can be distinguished, like New Orleans, Mobile, Jacksonville, and Atlanta. Continuing up the east coast, some northeastern states, like Washington, D.C., Baltimore, Philadelphia, and New York City stand out brightly along the coastline. The city labeled as Ottawa is Montreal. NASA regrets the labeling error. The Aurora Borealis shines in the background as the pass finishes near Newfoundland.	Transcript Link

2012 02 10	NASA Johnson	https://youtu.be/_NqbD71p25E	Up the East Coast of North America	This video was taken by the crew of Expedition 30 on board the International Space Station. The sequence of shots was taken January 29, 2012 from 05:33:11 to 05:48:10 GMT, on a pass from just southwest of Mexico to the North Atlantic Ocean, northeast of Newfoundland. This pass begins looking over Central America towards the Gulf of Mexico and the southeastern United States. As the space station travels northeast over the gulf, some southeastern United States cities can be distinguished, like New Orleans, Mobile, Jacksonville, and Atlanta. Continuing up the east coast, some northeastern states, like Washington, D.C., Baltimore, Philadelphia, and New York City stand out brightly along the coastline. The Aurora Borealis shines in the background as the pass finishes near Newfoundland.	Transcript Link
2012 02 10	NASA Johnson	https://youtu.be/F3I1D14GBFU	Across Southwest Canada at Night	This video was taken by the crew of Expedition 30 on board the International Space Station. The sequence of shots was taken January 25, 2012 from 12:34:11 to 12:36:28 GMT, on a pass from near the border of British Columbia and Washington state, near Vancouver Island, to southern Alberta, near Calgary. The main focus of this video is the Aurora Borealis over Canada, which appears very near the space station during this short video.	Transcript Link
2012 02 10	NASA Johnson	https://youtu.be/f5t7NoAKqG4	Aurora Borealis over Northern North America and Canada	This video was taken by the crew of Expedition 30 on board the International Space Station. The sequence of shots was taken January 29, 2012 from 10:18:13 to 10:31:28 GMT, on a pass from the North Pacific Ocean, approximately 1,000 miles west of California, to western Quebec. This video begins as the station is passing over the dark waters of the North Pacific Ocean northeast towards Vancouver Island. The Aurora Borealis can be seen far north, where both the under side and top of the aurora are visible. The pass continues over Canada until the sun begins to come up in the east while over Quebec.	Transcript Link
2012 02 10	NASA Johnson	https://youtu.be/kigptp3T05E	Central Great Plains at Night	This video was taken by the crew of Expedition 30 on board the International Space Station. The sequence of shots was taken January 30, 2012 from 06:14:22 to 06:19:03 GMT, on a pass from northern Mexico, near the Texas/Mexico border, to eastern Indiana, near Cincinnati, Ohio. This pass begins as the International Space Station travels northeast looking northwest. The brighter city lights are those of the southwestern United States, like Phoenix and El Paso. The pass continues up the Great Plains, where the city lights of Oklahoma City and Tulsa can be seen before continuing northeast towards Kansas City. The last city that is easily seen is Chicago, while the Aurora Borealis is shining to the far north.	Transcript Link

2012 02 10	NASA Johnson	https://youtu.be/oNCJg1EmPjw	Central Great Plains at Night (With Cities Labeled)	This video was taken by the crew of Expedition 30 on board the International Space Station. The sequence of shots was taken January 30, 2012 from 06:14:22 to 06:19:03 GMT, on a pass from northern Mexico, near the Texas/Mexico border, to eastern Indiana, near Cincinnati, Ohio. This pass begins as the International Space Station travels northeast looking northwest. The brighter city lights are those of the southwestern United States, like Phoenix and El Paso. The pass continues up the Great Plains, where the city lights of Oklahoma City and Tulsa can be seen before continuing northeast towards Kansas City. The last city that is easily seen is Chicago, while the Aurora Borealis is shining to the far north.	Transcript Link
2012 02 10	NASA Johnson	https://youtu.be/Z-cc6rb1wXI	Aurora Borealis over the Pacific Ocean	This video was taken by the crew of Expedition 30 onboard the International Space Station. The sequence of shots was taken January 25, 2012 from 12:32:06 to 12:34:10 GMT, on a pass from the North Pacific Ocean to just southwest of Vancouver Island. In this video, the International Space Station approaches the Aurora Borealis from the Pacific Ocean, where the auroras can be seen dancing very near the station.	Transcript Link
2012 02 10	NASA Johnson	https://youtu.be/TIjY95sLOrU	Mexico to New Brunswick	This video was taken by the crew of Expedition 30 on board the International Space Station. The sequence of shots was taken January 30, 2012 from 06:13:36 to 06:23:09 GMT, on a pass from northern Mexico to northwest New Brunswick. This video begins looking northeast over Texas, where cities like San Antonio, Houston, and the Dallas/Fort Worth area can be seen. Continuing northeast over the Great Plains states, cities like Oklahoma City, Kansas City, and St. Louis can be easily distinguished. The pass continues over the familiar shape of the Michigan Peninsula, with Chicago at the south edge of Lake Michigan. As the ISS continues northeast, the Aurora Borealis can be seen over Canada.	Transcript Link
2012 02 10	NASA Johnson	https://youtu.be/-2dGxJRzPJs	Mexico to New Brunswick (With Cities Labeled)	This video was taken by the crew of Expedition 30 on board the International Space Station. The sequence of shots was taken January 30, 2012 from 06:13:36 to 06:23:09 GMT, on a pass from northern Mexico to northwest New Brunswick. This video begins looking northeast over Texas, where cities like San Antonio, Houston, and the Dallas/Fort Worth area can be seen. Continuing northeast over the Great Plains states, cities like Oklahoma City, Kansas City, and St. Louis can be easily distinguished. The pass continues over the familiar shape of the Michigan Peninsula, with Chicago at the south edge of Lake Michigan. As the ISS continues northeast, the Aurora Borealis can be seen over Canada.	Transcript Link

2012 02 10	NASA Johnson	https://youtu.be/ttkxJ1un4sE	North Dakota to Central Quebec	This video was taken by the crew of Expedition 30 onboard the International Space Station. The sequence of shots was taken January 26, 2012 from 10:04:56 to 10:10:42 GMT, on a pass from North Dakota to central Quebec. This video focuses on the Aurora Borealis over Canada as the International Space Station traveled from the northern United States to eastern Canada. The aurora can be seen near the space station, and small patches of the green light can be seen dancing around.	Transcript Link
2012 02 10	NASA Johnson	https://youtu.be/sv-qVYlp9hA	Interview with NASA Nutritionist Scott M. Smith	NASA Nutritionist Scott M. Smith talks about nutrition experiments aboard the International Space Station.	Transcript Link
2012 02 10	NASA Johnson	https://youtu.be/upPBd-QppA8	Weekly ISS Recap - Feb. 6-Feb. 10, 2012	The weekly International Space Station video recap for Feb. 6-Feb. 10, 2012.	Transcript Link
2012 02 09	NASA Johnson	https://youtu.be/wXx3OGKY0IA	NASA Tests Transfer Device for Space Station	Inside the Space Vehicle Mockup Facility at Johnson Space Center in Houston, NASA tests the Japanese Experiment Module ORU Transfer Interface, or JOTI. This device would allow astronauts to transfer orbital replacement units to and from Dextre, the robotic handyman on the exterior of the International Space Station.	Transcript Link

2012 02 09	NASA Johnson	https://youtu.be/GYopLI23Iy8	Station Robotics Testing at Johnson Space Center	At the Space Vehicle Mockup Facility at Johnson Space Center, NASA tests the Japanese Experiment Module ORU Transfer Interface, or JOTI. This device would allow astronauts to transfer orbital replacement units to and from Dextre, the robotic handyman on the exterior of the International Space Station.	Transcript Link
2012 02 09	NASA Johnson	https://youtu.be/IRxlYTsHwMo	Monica Visinsky Interview	NASA Public Affairs Officer Brandi Dean talks with Monica Visinsky, the test coordinator for the Japanese Experiment Module ORU Transfer Interface. NASA is testing an airlock transfer device to pass orbital replacement units to and from Dextre, the robotic handyman on the exterior of the International Space Station.	Transcript Link
2012 02 09	NASA Johnson	https://youtu.be/B0RJwEWQl88	ISS Update - Feb. 9, 2012	The International Space Station video update for Feb. 9, 2012.	Transcript Link
2012 02 08	NASA Johnson	https://youtu.be/0wAKC4WRc-s	ISS Update - Feb. 8, 2012	The International Space Station video update for Feb. 8, 2012.	Transcript Link

2012 02 07	NASA Johnson	https://youtu.be/hBhYneN0iAk	Astronaut Mike Fossum Answers Twitter Questions	NASA astronaut Mike Fossum, who spent five and a half months aboard the International Space Station, answers questions from Twitter users. For a video of Fossum working with SHERE aboard the International Space Station, visit: http://www.nasa.gov/multimedia/videogallery/index.html?media_id=105736221 For more info on SHERE and other experiments mentioned in this video, visit http://www.nasa.gov/station	Transcript Link
2012 02 07	NASA Johnson	https://youtu.be/ItWsu2BhmTQ	ISS Update - Feb. 7, 2012	The International Space Station video update for Feb. 7, 2012.	Transcript Link
2012 02 06	NASA Johnson	https://youtu.be/yhetymMo_e8	ISS Update - Feb. 6, 2012	The International Space Station video update for Feb. 6, 2012.	Transcript Link
2012 02 06	NASA Johnson	https://youtu.be/qHrBhgwq__Q	Science off the Sphere Knitting Needle Experiment	International Space Station Expedition 30 astronaut Don Pettit uses knitting needles and water droplets to demonstrate physics in space for 'Science off the Sphere.' Through a partnership between NASA and the American Physical Society you can participate in Pettit's physics challenge and view future experiments here: http://www.physicscentral.com/sots	Transcript Link

2012 02 06	NASA Johnson	https://youtu.be/3swQ5j4ngZ8	Interview with NASA Earth Scientist Melissa Dawson	NASA Earth Scientist Melissa Dawson describes her role in the Crew Earth Observation program at Johnson Space Center.	Transcript Link
2012 02 03	NASA Johnson	https://youtu.be/cvUEr50Cos8	Weekly ISS Recap - Jan. 30-Feb. 3, 2012	The weekly International Space Station video recap for Jan. 30-Feb. 3, 2012.	Transcript Link
2012 02 02	NASA Johnson	https://youtu.be/wkSSxjch1cM	Mexico and the Florida Peninsula	The International Space Station flies over Mexico and the Florida peninsula in this night time pass on Nov. 24, 2011.	Transcript Link
2012 02 01	NASA Johnson	https://youtu.be/Uxz7u5LDRUo	ARED Demo and Interview with Bob Tweedy	An interview with Countermeasures System Instructor Bob Tweedy and demonstration of the ARED exercise device used by the crew members aboard the International Space Station.	Transcript Link

2012 02 01	NASA Johnson	https://youtu.be/X-ieJKwytgI	Interview with Lori Ploutz-Snyder, Ph.D. about SPRINT	An interview with NASA Lead Exercise Physiology Scientist Lori Ploutz-Snyder, Ph.D. about the SPRINT exercise program used by the crew members aboard the International Space Station.	Transcript Link
2012 02 01	NASA Johnson	https://youtu.be/_y8yfKPrDiQ	ISS Update - Feb. 1, 2012	The International Space Station video update for Feb. 1, 2012.	Transcript Link
2012 01 31	NASA Johnson	https://youtu.be/drWPuXfVULs	ISS Update - Jan. 31, 2012	The International Space Station video update for Jan. 30, 2012.	Transcript Link
2012 01 30	NASA Johnson	https://youtu.be/v7uC1go75Is	ISS Update - Jan. 30, 2012	The International Space Station video update for Jan. 30, 2012.	Transcript Link

2012 01 27	NASA Johnson	https://youtu.be/TH7CHjufk2U	T-38 Flyover for Day of Remembrance	NASA pilots perform the "Missing Man" formation during a T-38 flyover at Johnson Space Center in Houston on Jan. 26 to commemorate the men and women lost in the agency's space exploration program.	Transcript Link
2012 01 27	NASA Johnson	https://youtu.be/BbWcwqNogV8	Weekly ISS Recap - Jan. 23-27, 2012	The weekly International Space Station video recap for Jan. 23-27, 2012.	Transcript Link
2012 01 26	NASA Johnson	https://youtu.be/HzZB40CfYpc	ISS Update - Jan. 26, 2012	The International Space Station video update for Jan. 26, 2012.	Transcript Link
2012 01 25	NASA Johnson	https://youtu.be/L6zd9d0939M	ISS Update - Jan. 25, 2012	The International Space Station video update for Jan. 25, 2012.	Transcript Link

2012 01 24	NASA Johnson	https://youtu.be/cTDIEybgRKI	Digital Learning Network Event with Robotics Engineer Jonathan Rogers	Robotics engineer Jonathan Rogers and Public Affairs Officer Kylie Clem participate in a Digital Learning Network educational event, answering questions from students at Montgomery Middle School in Skillman, New Jersey. The students received an interactive educational lesson on "Spacebots" prior to asking their questions.	Transcript Link
2012 01 24	NASA Johnson	https://youtu.be/UomgfVySkCY	ISS Update - Jan. 24, 2012	The International Space Station video update for Jan. 24, 2012.	Transcript Link
2012 01 23	NASA Johnson	https://youtu.be/dZh91nKZb7c	ISS Update - Jan. 23, 2012	The International Space Station video update for Jan. 23, 2012.	Transcript Link
2012 01 20	NASA Johnson	https://youtu.be/hVmAMwmS0Rw	Astronaut Jack Fischer Interview	Astronaut Jack Fischer talks about his training and the Fly NASA astronaut recruitment program.	Transcript Link

2012 01 20	NASA Johnson	https://youtu.be/oc3eiu9XeDU	Weekly ISS Recap - Jan. 16-20, 2012	The weekly International Space Station video recap for Jan. 16-20, 2012.	Transcript Link
2012 01 19	NASA Johnson	https://youtu.be/q5c9zBbEBJw	Zack Crues on Space Exploration Vehicle Mockup	Zack Crues, the Space Exploration Vehicle modeling and simulation lead, talks to NASA Public Affairs Officer Brandi Dean about the importance of creating an immersive virtual reality environment for tests such as the simulated mission to an asteroid taking place at the Johnson Space Center in Houston.	Transcript Link
2012 01 19	NASA Johnson	https://youtu.be/sVG5OdpXdx8	James Johnson on Asteroid Mission Simulation Testing	NASA Public Affairs Officer Brandi Dean talks to James Johnson, the test director for a simulated mission to an asteroid taking place at the Space Vehicle Mockup Facility at the Johnson Space Center in Houston.	Transcript Link
2012 01 19	NASA Johnson	https://youtu.be/jMO4R3Bk8Rc	Mike Gernhardt on Asteroid Mission Simulation	NASA astronaut Mike Gernhardt talks with Public Affairs Officer Brandi Dean about the simulation of a mission to an asteroid taking place at the Space Vehicle Mockup Facility at the Johnson Space Center in Houston.	Transcript Link

2012 01 19	NASA Johnson	https://youtu.be/t_FFwRYfMuE	ISS Update - Jan. 19, 2012	The International Space Station video update for Jan. 19, 2012.	Transcript Link
2012 01 18	NASA Johnson	https://youtu.be/0pUf1IWwRcA	International Space Station Science	Astronaut Ron Garan takes you on a tour of the International Space Station's research facilities, which have contributed to advances in materials, environmental science, medicine and our understanding of the human body, our planet and the universe.	Transcript Link
2012 01 18	NASA Johnson	https://youtu.be/6ZiBRDIfwVw	ISS Update - Jan. 18, 2012	The International Space Station video update for Jan. 18, 2012.	Transcript Link
2012 01 17	NASA Johnson	https://youtu.be/JfZqMJHHvns	ISS Update - Jan. 17, 2012	The International Space Station video update for Jan. 17, 2012.	Transcript Link

2012 01 13	NASA Johnson	https://youtu.be/vGnbgI7yUug	Weekly ISS Recap - Jan. 9-13, 2012	The weekly International Space Station video recap for Jan. 9-13, 2012.	Transcript Link
2012 01 12	NASA Johnson	https://youtu.be/lTgRM5bYqCc	ISS Update - Jan. 12, 2012	The International Space Station video update for Jan. 11, 2012.	Transcript Link
2012 01 11	NASA Johnson	https://youtu.be/rJDYsDK5Vcw	Dan Burbank Speaks With Students Using Amateur Radio	Station commander Dan Burbank conducted an amateur radio contact on Monday (Jan. 9) with a group of students at Descartes High School in Montigny-Le-Bretonneux, France, 30 km southwest of Paris. Members of the school's astronomy club asked questions about life in space, cultural differences among astronauts from different countries, and the scientific experiments being conducted on board the station.	Transcript Link
2012 01 11	NASA Johnson	https://youtu.be/BZ58Tg7nbYA	ISS Update - Jan. 11, 2012	The International Space Station video update for Jan. 11, 2012.	Transcript Link

2012 01 10	NASA Johnson	https://youtu.be/v8VZrP4IdZE	ISS Update - Jan. 10, 2012	The International Space Station video update for Jan. 10, 2012.	Transcript Link
2012 01 09	NASA Johnson	https://youtu.be/9q8MM0eDU_s	NASA Student Recruitment Video	NASA Coops show what it's like for students to work at NASA.	Transcript Link
2012 01 09	NASA Johnson	https://youtu.be/lxGfvKYYs1U	Reid Wiseman Interview	NASA Astronaut Reid Wiseman talks with Public Affairs Officer Josh Byerly about the astronaut application process, his training for a mission to the International Space Station and the future of the human spaceflight program. NASA is accepting applications for the agency's next class for the Astronaut Candidate Program. Learn more: http://www.nasa.gov/flynasa	Transcript Link
2012 01 09	NASA Johnson	https://youtu.be/u98MCQ6dmCU	ISS Update - Jan. 9, 2012	The International Space Station video update for Jan. 9, 2012.	Transcript Link

2012 01 06	NASA Johnson	https://youtu.be/6vuryY-Zqnw	Weekly ISS Recap - Jan. 2-6, 2012	The weekly International Space Station video recap for Jan. 2-6, 2012.	Transcript Link
2012 01 05	NASA Johnson	https://youtu.be/cjmJrqRgdsQ	Dan Burbank Astronaut Recruitment Message	Expedition 30 Commander Dan Burbank recruits new astronauts for the International Space Station and Orion programs.	Transcript Link
2012 01 05	NASA Johnson	https://youtu.be/QQ4Y8EGxgkU	EPIC Computer Upgrade	Expedition 30 Commander Dan Burbank and Flight Engineer Don Pettit work on installing hardware for the Enhanced Processor and Integrated Communications (EPIC) upgrade of the International Space Station's compters. The upgrade will provide the station's computers with faster processors, more memory and an Ethernet interface for data outputs.	Transcript Link
2012 01 05	NASA Johnson	https://youtu.be/_7cPt4e3vUA	ISS Update - Jan. 5, 2012	The International Space Station video update for Jan. 5, 2012.	Transcript Link

2012 01 04	NASA Johnson	https://youtu.be/7N-Trori7EA	ISS Update - Jan. 4, 2012	The International Space Station video update for Jan. 4, 2012.	Transcript Link
2012 01 03	NASA Johnson	https://youtu.be/GEzAUNmchZQ	ISS Update - Jan. 3, 2012	The International Space Station video update for Jan. 3, 2012.	Transcript Link
2011 12 30	NASA Johnson	https://youtu.be/ATW1PyDor3k	Weekly ISS Recap - Dec. 26-30, 2011	The International Space Station video update for Dec. 26-30, 2011.	Transcript Link
2011 12 27	NASA Johnson	https://youtu.be/AitL5M7VzHo	ISS Update - Dec. 27, 2011	The International Space Station video update for Dec. 27, 2011.	Transcript Link

2011 12 27	NASA Johnson	https://youtu.be/b08QZVJzz38	Expedition 30 Crew New Year's Message	A special New Year's message from the Expedition 30 crew members aboard the International Space Station.	Transcript Link
2011 12 23	NASA Johnson	https://youtu.be/gUh6iQ-mvU4	Orion From Factory to Flight	NASA is making steady progress on building the Orion spacecraft, which will take astronauts deeper into space than ever before. Take a look at the latest achievements and milestones in "Orion: From Factory to Flight" as Orion gets ready for its first orbital test flight in 2014.	Transcript Link
2011 12 23	NASA Johnson	https://youtu.be/JN90Y_DSE2w	Expedition 30 Hatch Opening	Expedition 30 Flight Engineers Don Pettit, Oleg Kononenko and Andre Kuipers are welcomed aboard the International Space Station when the hatches between the station and the Soyuz TMA-03M spacecraft were opened on Dec. 23.	Transcript Link
2011 12 23	NASA Johnson	https://youtu.be/3hx3G25dSbY	Weekly ISS Recap - Dec. 19-23, 2011	The weekly International Space Station video recap for Dec. 19-23, 2011	Transcript Link

2011 12 23	NASA Johnson	https://youtu.be/1z4Kj5YsYLY	Expedition 30 Docking	The Soyuz TMA-03M spacecraft carrying NASA astronaut Don Pettit, Russian cosmonaut Oleg Kononenko and European Space Agency astronaut Andre Kuipers docks to the International Space Station's Rassvet module on Dec. 23 at 10:19 a.m. EST.	Transcript Link
2011 12 22	NASA Johnson	https://youtu.be/ZAId-Sf5m4U	What Will Your Day Look Like	NASA Coops examine a typical day for an astronaut and a regular Joe or Jane.	Transcript Link
2011 12 22	NASA Johnson	https://youtu.be/QqwTBUJiOCE	Imagine the Possibilities	NASA Coop students imagine the future possibilities for the agency's next class of astronaut candidates.	Transcript Link
2011 12 22	NASA Johnson	https://youtu.be/aoZIwtgEqKY	Space Station Commander Captures Unprecedented View of Comet	International Space Station Commander Dan Burbank captured spectacular imagery of Comet Lovejoy as seen from about 240 miles above the Earth's horizon on Wednesday, Dec. 21. Today Burbank described seeing the comet two nights ago as "the most amazing thing I have ever seen in space," in an interview with WDIV-TV in Detroit. Last night he captured hundreds of still images of the comet. More images available in the International Space Station image gallery: http://www.nasa.gov/mission_pages/station/multimedia/gallery/index.html	Transcript Link

2011 12 22	NASA Johnson	https://youtu.be/hAnJHSzHD1Q	ISS Update - Dec. 22, 2011	The International Space Station video update for Dec. 22, 2011.	Transcript Link
2011 12 21	NASA Johnson	https://youtu.be/NoX0GYwCdBE	Interview With Astronaut Mike Fossum	Astronaut Mike Fossum talks about his Soyuz launch experience and gives insight into life aboard the station.	Transcript Link
2011 12 21	NASA Johnson	https://youtu.be/O49YHkVVm8c	Expedition 30 Pre-launch Preps and Launch	Expedition 30 Flight Engineers Don Pettit, Oleg Kononenko and Andre Kuipers pre-launch preparations and launch from the Baikonur Cosmodrome in Kazakhstan.	Transcript Link
2011 12 21	NASA Johnson	https://youtu.be/hH2qZs7vH8g	ISS Update - Dec. 21, 2011	The International Space Station video update for Dec. 21, 2011.	Transcript Link

2011 12 21	NASA Johnson	https://youtu.be/RiD2uxMO12Q	New Expedition 30 Crew Members Launch to Station	Expedition 30 Flight Engineers Don Pettit, Oleg Kononenko and Andre Kuipers launched at 8:16 a.m. EST on Wednesday (7:16 p.m. local time) from the Baikonur Cosmodrome in Kazakhstan. The three new International Space Station crew members launched in their Soyuz TMA-03M spacecraft beginning a two-day trip to the orbiting outpost.	Transcript Link
2011 12 20	NASA Johnson	https://youtu.be/Ijdu7-_NH0Y	ISS Update - Dec. 20, 2011	The International Space Station video update for Dec. 20, 2011.	Transcript Link
2011 12 19	NASA Johnson	https://youtu.be/0bPJWcmQAwE	ISS Update - Dec. 19, 2011	The International Space Station video update for Dec. 19, 2011.	Transcript Link
2011 12 19	NASA Johnson	https://youtu.be/uOQgkKECS5Y	Expedition 30 Soyuz Moves to Launch Pad	On Dec. 19, the Soyuz TMA-03M spacecraft and its booster were moved to the launch pad at the Baikonur Cosmodrome in Kazakhstan for final preparations before launch to the International Space Station on Dec. 21. The TMA-03M will carry Russian cosmonaut Oleg Kononenko, NASA astronaut Don Pettit and European Space Agency astronaut Andre Kuipers to the orbiting complex.	Transcript Link

2011 12 16	NASA Johnson	https://youtu.be/h82WfPfzahE	Expedition 30 Prepares for Dec. 21 Launch	NASA astronaut Don Pettit, Russian cosmonaut Oleg Kononenko and European Space Agency astronaut Andre Kuipers arrive at the Baikonur Cosmodrome in Kazakhstan to begin the final phase of preparations for their Dec. 21 launch to the International Space Station. When their Soyuz TMA-03M spacecraft docks with the station on Dec. 23, Pettit, Kononenko and Kuipers will join Expedition 30 Commander Dan Burbank of NASA and Russian Flight Engineers Anton Shkaplerov and Anatoly Ivanishin, who have been on the station since Nov. 16.	Transcript Link
2011 12 16	NASA Johnson	https://youtu.be/CpJYF2o9nBQ	Mike Hopkins Interview	NASA Astronaut Mike Hopkins talks with Public Affairs Officer Nicole Cloutier about the astronaut application process and what it's like to be an astronaut. NASA is accepting applications for the agency's next class for the Astronaut Candidate Program. Those selected will be among the first to pioneer a new generation of commercial launch vehicles and travel aboard a new heavy-lift rocket to distant destinations in deep space. More info: http://www.nasa.gov/flynasa	Transcript Link
2011 12 16	NASA Johnson	https://youtu.be/_zhZ2v4Aq70	ISS Update - Dec. 16, 2011	The International Space Station video update for Dec. 16, 2011.	Transcript Link
2011 12 16	NASA Johnson	https://youtu.be/MaXdoqq3Dzs	Station Commander Sends Holiday Greetings	Aboard the International Space Station, Expedition 30 Commander Dan Burbank of NASA sends season's greetings to the world and shares his thoughts about being in orbit aboard the space-based laboratory with his crewmates during the holidays.	Transcript Link

2011 12 14	NASA Johnson	https://youtu.be/H5USGLITwaU	ISS Update - Dec. 14, 2011	The International Space Station video update for Dec. 14, 2011.	Transcript Link
2011 12 13	NASA Johnson	https://youtu.be/FL4ZuAR_w2k	ISS Update - Dec. 13, 2011	The International Space Station video update for Dec. 13, 2011.	Transcript Link
2011 12 12	NASA Johnson	https://youtu.be/UIg2-B9ufDo	ISS Update - Dec. 12, 2011	The International Space Station video update for Dec. 12, 2011.	Transcript Link
2011 12 12	NASA Johnson	https://youtu.be/DAp1_ADRt-E	Jeanette Epps Interview	NASA Astronaut Jeanette Epps talks with Public Affairs Officer Brandi Dean about the astronaut application process and what it's like to be an astronaut. NASA is accepting applications for the agency's next class for the Astronaut Candidate Program. Those selected will be among the first to pioneer a new generation of commercial launch vehicles and travel aboard a new heavy-lift rocket to distant destinations in deep space. More info: http://www.nasa.gov/flynasa	Transcript Link

2011 12 09	NASA Johnson	https://youtu.be/kFDNzGbvbGg	Weekly ISS Recap - Dec. 5-9, 2011	The weekly International Space Station video recap for Dec. 5-9, 2011.	Transcript Link
2011 12 08	NASA Johnson	https://youtu.be/cA6QzliwHks	ISS Update - Dec. 8, 2011	The International Space Station video update for Dec. 8, 2011.	Transcript Link
2011 12 08	NASA Johnson	https://youtu.be/7JmJfl7_BDo	Expedition 30 Departs for Launch Site	Three Expedition 30 flight engineers -- NASA astronaut Don Pettit, Russian cosmonaut Oleg Kononenko and European Space Agency astronaut Andre Kuipers -- departed Star City, Russia on Thursday for the Baikonur Cosmodrome in Kazakhstan where their Soyuz TMA-03M spacecraft is being prepared for its Dec. 21 launch to the International Space Station.	Transcript Link
2011 12 07	NASA Johnson	https://youtu.be/F5MwZu7Sehc	ISS Update - Dec. 7, 2011	The International Space Station video update for Dec. 7, 2011.	Transcript Link

2011 12 06	NASA Johnson	https://youtu.be/NKPKG5RbGuw	ISS Update - Dec. 6, 2011	The International Space Station video update for Dec. 6, 2011.	Transcript Link
2011 12 05	NASA Johnson	https://youtu.be/v_LTCS1bjVI	ISS Update - Dec. 5, 2011	The International Space Station video update for Dec. 5, 2011.	Transcript Link
2011 12 02	NASA Johnson	https://youtu.be/aggtNcyLkEo	Weekly ISS Recap - Nov. 28-Dec. 2, 2011	The weekly International Space Station video recap for Nov. 28-Dec 2, 2001.	Transcript Link
2011 12 01	NASA Johnson	https://youtu.be/GsN8OWIAO38	ISS Update - Dec. 1, 2011	The International Space Station video update for Dec. 1, 2011.	Transcript Link

2011 11 30	NASA Johnson	https://youtu.be/h3VvtEQnwZI	ISS Update - Nov. 30, 2011	The International Space Station video update for Nov. 30, 2011.	Transcript Link
2011 11 29	NASA Johnson	https://youtu.be/xZq7FWSlhfE	ISS Update - Nov. 29, 2011	The International Space Station video update for Nov. 29, 2011.	Transcript Link
2011 11 29	NASA Johnson	https://youtu.be/y2zoqq4_Uh4	Expedition 30 Ask the Crew	Submit your questions to the Expedition 30 crew on the International Space Station.	Transcript Link
2011 11 28	NASA Johnson	https://youtu.be/mHI8RoltA4E	ISS Update - Nov. 28, 2011	The International Space Station video update for Nov. 28, 2011.	Transcript Link

2011 11 25	NASA Johnson	https://youtu.be/Qanwvvbe8bM	Weekly ISS Recap - Nov. 21-Nov. 25, 2011	The weekly International Space Station video recap for Nov. 21-Nov. 25, 2011	Transcript Link
2011 11 23	NASA Johnson	https://youtu.be/WRSncTLMRZM	ISS Update - Nov. 23, 2011	The International Space Station video update for Nov. 23, 2011.	Transcript Link
2011 11 22	NASA Johnson	https://youtu.be/k4s1IADXwUI	Philadelphia Eagles Honor NASA Astronaut Chris Ferguson	NASA astronaut Chris Ferguson returned to his hometown on Nov. 7 to serve as the Philadelphia Eagles' Honorary Captain during the NFL's "Monday Night Football" game. The Eagles hosted the Chicago Bears at Lincoln Financial Field in Philadelphia.	Transcript Link
2011 11 22	NASA Johnson	https://youtu.be/21df24FXt_E	ISS Update - Nov. 22, 2011	The International Space Station video update for Nov. 22, 2011.	Transcript Link

2011 11 22	NASA Johnson	https://youtu.be/i8WTPOYqTzU	Coming Back Down to Our Fragile Oasis	International Space Station Expedition 27 and 28 astronaut Ron Garan presents a video about his return from space, including a compilation of time lapse photography of the Earth. The images were captured by Garan and Expedition 28 and 29 astronaut Mike Fossum while aboard the space station.	Transcript Link
2011 11 21	NASA Johnson	https://youtu.be/pZtN85mHkLY	Expedition 29 Says Farewell and Undocks	Expedition 29 Commander Mike Fossum and Flight Engineers Satoshi Furukawa and Sergei Volkov say farewell to their crewmates and undock in the Soyuz TMA-02M spacecraft for the return home Nov. 21, 2011.	Transcript Link
2011 11 21	NASA Johnson	https://youtu.be/QubDudI0XVc	Station Change of Command Ceremony	The reins of the International Space Station were passed from Expedition 29 Commander Mike Fossum of NASA to his NASA colleague, newly arrived Expedition 30 Commander Dan Burbank in a ceremony on the complex on November 20, 2011.	Transcript Link
2011 11 21	NASA Johnson	https://youtu.be/WCpy0IUKt0Q	ISS Update - Nov. 21, 2011	The International Space Station video update for Nov. 21, 2011.	Transcript Link

2011 11 18	NASA Johnson	https://youtu.be/f-APIYEuAfQ	Weekly ISS Recap - Nov. 14-Nov. 18, 2011	The weekly International Space Station video recap for Nov. 14-Nov. 18, 2011	Transcript Link
2011 11 18	NASA Johnson	https://youtu.be/23UliVfrjXA	Aspire To Inspire Women in Technology	Think Science, Technology, Engineering, and Math (STEM) is just for boys? We think differently; visit http://women.nasa.gov/a2i/ to find your inspiration! The technology video features Allison Wolff discussing her job with Information Technology, Antja Chambers seeks new technologies for spacesuits, and C.J. Kanelakos highlights novel work on "Robonaut 2". Follow these women on Twitter @a2i_tech	Transcript Link
2011 11 18	NASA Johnson	https://youtu.be/qv-ZNyFVat4	Aspire To Inspire Women in Science	Think Science, Technology, Engineering, and Math (STEM) is just for boys? We think differently; visit http://women.nasa.gov/a2i/ to find your inspiration! In our science video you'll see Julie Mitchell working on water recovery and recycling, Tara Ruttley talking about experiments on the International Space Station, and Carlie Zumwalt's experience with Mars Analogs. Follow these women on Twitter @a2i_sci	Transcript Link
2011 11 18	NASA Johnson	https://youtu.be/htoZwE8n--Q	Thanksgiving Message from Station Crew	NASA astronaut Dan Burbank delivers a special Thanksgiving message from the International Space Station.	Transcript Link

2011 11 18	NASA Johnson	https://youtu.be/yuyEWbWRu5M	Aspire To Inspire Women in STEM	Think Science, Technology, Engineering, and Math (STEM) is just for boys? We think differently; visit http://women.nasa.gov/a2i/ to find your inspiration! STEM fields have long been perceived as being male dominated areas. However, in this film we take a look at how women have had important and significant impacts in STEM fields. Where will you take us tomorrow?	Transcript Link
2011 11 18	NASA Johnson	https://youtu.be/5LWtMqGbjtA	Aspire To Inspire Women in Mathematics	Think Science, Technology, Engineering, and Math (STEM) is just for boys? We think differently; visit http://women.nasa.gov/a2i/ to find your inspiration! In our mathematics video Tejal Fairfield talks about financial analysis, Kim Hambuchen shows her world of software development for advanced robotics, and Carolina Restrepo describes spacecraft trajectory analysis and orbital mechanics calculations. Follow these women on Twitter @a2i_math	Transcript Link
2011 11 18	NASA Johnson	https://youtu.be/QhunCY-8L9Q	Aspire To Inspire Women in Engineering	Think Science, Technology, Engineering, and Math (STEM) is just for boys? We think differently; visit http://women.nasa.gov/a2i/ to find your inspiration! In the engineering video Cindy Koester shares her job of Environmental Control & Life Support Systems, Alma Stephanie Tapia explores materials and softgoods development, and Carly Watts explains her participation in Space Suit design and testing. Follow these women on Twitter @a2i_engr	Transcript Link
2011 11 17	NASA Johnson	https://youtu.be/ZoRFCPDcU1o	ISS Update - Nov. 17, 2011	The International Space Station video update for Nov. 17, 2011.	Transcript Link

2011 11 16	NASA Johnson	https://youtu.be/IC4gU69QAD0	ISS Update - Nov. 16, 2011	The International Space Station video update for Nov. 16, 2011.	Transcript Link
2011 11 16	NASA Johnson	https://youtu.be/u5UjyQh44tw	Expedition 29 Welcomes Three New Crewmates	The Soyuz TMA-22 spacecraft carrying NASA astronaut Dan Burbank and Russian cosmonauts Anton Shkaplerov and Anatoly Ivanishin docked to the International Space Station's Poisk mini-research module at 12:24 a.m. EST Wednesday. After the hatches between Soyuz and station were opened at 2:39 a.m., Expedition 29 Commander Mike Fossum of NASA and Flight Engineers Satoshi Furukawa of the Japan Aerospace Exploration Agency and Russian cosmonaut Sergei Volkov welcomed the new flight engineers aboard for their four-month stay on the orbiting complex.	Transcript Link
2011 11 15	NASA Johnson	https://youtu.be/8Preb1cb8wY	Join NASA The Sky is NOT the Limit	We're going to send humans farther into space than ever before ... and eventually to Mars. We need YOU to help plan for this future of exploration. Join NASA: Get your application in now for the 2013 Astronaut Candidate Class. More info: http://www.nasa.gov/flynasa	Transcript Link
2011 11 15	NASA Johnson	https://youtu.be/WbYAX1lXotE	NASA is not Cancelled	NASA co-ops remind us that the space program is DEFINITELY NOT CANCELLED.	Transcript Link

2011 11 15	NASA Johnson	https://youtu.be/yTWDQFmso6Y	ISS Update - Nov. 15, 2011	The International Space Station video update for Nov. 15, 2011.	Transcript Link
2011 11 14	NASA Johnson	https://youtu.be/C-263gf6kbA	ISS Update - Nov. 14, 2011	The International Space Station video update for Nov. 14, 2011.	Transcript Link
2011 11 14	NASA Johnson	https://youtu.be/s_BeSndIuG0	Expedition 29 Launch	Expedition 29 crew members Anton Shkaplerov, Anatoly Ivanishin and Dan Burbank launch from the Baikonur Cosmodrome in Kazakhstan at 11:14 p.m. EST Nov. 13, 2011 aboard the Soyuz TMA-22 spacecraft.	Transcript Link
2011 11 10	NASA Johnson	https://youtu.be/iq4YaTqGcf4	ISS Update - Nov. 10, 2011	The International Space Station video update for Nov. 10, 2011.	Transcript Link

2011 11 09	NASA Johnson	https://youtu.be/glKR892dYrQ	Exploration Flight Test-1 Animation	This animation depicts the proposed test flight of the Orion spacecraft in 2014. During the test, which is called Exploration Flight Test-1 (EFT-1), Orion will launch from Cape Canaveral, Fla., perform two orbits, reaching an altitude higher than any achieved by a spacecraft intended for human use since 1973, and then will re-enter and land in the Pacific Ocean off the west coast of the United States.	Transcript Link
2011 11 08	NASA Johnson	https://youtu.be/Jz56V4mapyE	ISS Update - Nov. 8, 2011	The International Space Station video update for Nov. 8, 2011.	Transcript Link
2011 11 07	NASA Johnson	https://youtu.be/XfbOx3oalH0	ISS Update - Nov. 7, 2011	The International Space Station video update for Nov. 7, 2011.	Transcript Link
2011 11 04	NASA Johnson	https://youtu.be/NC3-zqZ_2QA	Weekly ISS Recap - Oct. 31-Nov. 4, 2011	The weekly International Space Station video recap for Oct. 31-Nov. 4, 2011	Transcript Link

2011 11 03	NASA Johnson	https://youtu.be/Olopl-2tIB8	ISS Update - Nov. 3, 2011	The International Space Station video update for Nov. 3, 2011.	Transcript Link
2011 11 02	NASA Johnson	https://youtu.be/DUgOPnmUySo	ISS Update - Nov. 2, 2011	The International Space Station video update for Nov. 2, 2011.	Transcript Link
2011 11 01	NASA Johnson	https://youtu.be/aN87yKcqZyE	ISS Update - Nov. 1, 2011	The International Space Station video update for Nov. 1, 2011.	Transcript Link
2011 10 31	NASA Johnson	https://youtu.be/3uVNN82Wyz4	Station Commander Connects With Texas A&M	NASA astronaut Mike Fossum, commander of Expedition 29 aboard the International Space Station, answers questions from engineering students at his alma mater, Texas A&M University.	Transcript Link

2011 10 31	NASA Johnson	https://youtu.be/0ae2h8Qu66Y	ISS Update - Oct. 31, 2011	The International Space Station video update for Oct. 31, 2011.	Transcript Link
2011 10 28	NASA Johnson	https://youtu.be/aQMwLQZR0FM	Weekly ISS Recap - Oct. 24-28, 2011	The weekly International Space Station video recap for Oct. 24-28, 2011.	Transcript Link
2011 10 28	NASA Johnson	https://youtu.be/ezL6x5-_eg4	Station Commander Congratulates New Flight Directors	Aboard the International Space Station, Expedition 29 Commander Mike Fossum congratulates Judd Frieling, Tomas Gonzalez-Torres and Greg Whitney on being selected as NASA's newest flight directors. They will join a select group of human spaceflight leaders in the Christopher C. Kraft Jr. Mission Control Center at NASA's Johnson Space Center in Houston. More info: http://www.nasa.gov/mission_pages/station/news/fltdir2011.html	Transcript Link
2011 10 27	NASA Johnson	https://youtu.be/D-W6c_jQex8	ISS Update - Oct. 27, 2011	The International Space Station video update for Oct. 27, 2011.	Transcript Link

2011 10 27	NASA Johnson	https://youtu.be/cmHamp0IIyE	Space Station Reboost The Inside Story	As the International Space Station is boosted into a higher orbit, Expedition 29 Commander Mike Fossum and Flight Engineers Satoshi Furukawa and Sergei Volkov float freely to demonstrate the acceleration of the orbiting complex.	Transcript Link
2011 10 26	NASA Johnson	https://youtu.be/cAHB5WEzlD0	Space Station Cameras Capture New Views of Hurricane Rina	From an altitude of 248 miles, external cameras on the International Space Station captured new views of Hurricane Rina at 3:18 p.m. EDT on Oct. 26, 2011, as the storm churned 180 miles south-southeast of Cozumel, Mexico. At the time the ISS passed overhead, Rina had been downgraded to a Category 1 hurricane, packing winds of 85 miles an hour. The National Hurricane Center is forecasting Rina to turn to the northeast toward the northwest coast of Cuba over the weekend after it passes north of the Yucatan Peninsula.	Transcript Link
2011 10 26	NASA Johnson	https://youtu.be/xkmyhixBHyE	ISS Update - Oct. 26, 2011	The International Space Station video update for Oct. 26, 2011.	Transcript Link
2011 10 26	NASA Johnson	https://youtu.be/eu0Mgn0TKA8	ZZ Top's Dusty Hill Talks to Expedition 29	Dusty Hill of the rock band ZZ Top visits the Mission Control Center in Houston to talk with the International Space Station's Expedition 29 crew.	Transcript Link

2011 10 25	NASA Johnson	https://youtu.be/P4N1EX8i1CU	Station Cameras Capture Late Season Hurricane	External cameras on the International Space Station captured views of Hurricane Rina at 2:39 p.m. EDT on Oct. 25, 2011, as the complex flew 248 miles over the Caribbean Sea east of Belize. Rina, which continues to intensify, was located 300 miles east-southeast of Chetumal, Mexico, barely moving west-northwest at a glacial three miles an hour. Rina is packing winds of 105 miles an hour, and is forecast to intensify to a major hurricane as it approaches the Yucatan Peninsula.	Transcript Link
2011 10 25	NASA Johnson	https://youtu.be/0JVP7IaAxx0	ISS Update - Oct. 25, 2011 ISS Update - Oct. 24, 2011	The International Space Station video update for Oct. 25, 2011.	Transcript Link
2011 10 24	NASA Johnson	https://youtu.be/uXnr1biU5hc	Day Pass through Western United States	This video over the Western United States was taken by the crew of Expedition 29 aboard the International Space Station. This sequence of shots was taken on Sept. 24, 2011, from 17:45:14 to 17:54:18 GMT, on a descending pass from just west of Washington state to the Gulf of Mexico, due east of Corpus Christi, Texas.	Transcript Link
2011 10 24	NASA Johnson	https://youtu.be/KrEvxcrqBUI	Night Pass over Central Africa and the Middle East	This video over Central Africa and the Middle East was taken by the crew of Expedition 29 aboard the International Space Station. This sequence of shots was taken on Oct. 1, 2011, from 21:20:24 to 21:41:24 GMT, on an ascending pass from just southwest of Cote d'Ivoire in Africa to southern Russia.	Transcript Link

2011 10 24	NASA Johnson	https://youtu.be/5-8u1vsM3fs	Night Pass over Malaysia	This video showing night lights over Malaysia was taken by the crew of Expedition 28 aboard the International Space Station. This sequence of shots was taken on Aug. 21, 2011, from 19:33:05 to 19:38:05 GMT, on a descending pass from western Burma to just east of Malaysia on the South China Sea. The pass continues over the northern Balkan Peninsula, with the Black Sea standing out as a dark patch among city lights.	Transcript Link
2011 10 24	NASA Johnson	https://youtu.be/E4eRsi0mFVA	Night views over the Mediterranean Sea	This video over the Mediterranean Sea was taken by the crew of Expedition 29 aboard the International Space Station. This sequence of shots was taken on Oct. 6, 2011, from 22:58:09 to 23:13:15 GMT, on an ascending pass from just west of the Strait of Gibraltar, over the Atlantic Ocean to northern Kazakhstan. The first significant landmark is the Strait of Gibraltar, separating Spain and Morocco. As the pass continues down the Mediterranean Sea, the Balearic Islands stand out in contrast to the water. Next, Corsica and Sardinia stand out before the Italian Peninsula.	Transcript Link
2011 10 24	NASA Johnson	https://youtu.be/MxBvdLiLV1o	Halfway Across the World	This video was taken by the crew of Expedition 29 aboard the International Space Station. The sequence of shots was taken on Oct. 8, 2011, from 20:53:10 to 21:24:58 GMT, during a long pass from the mid-Atlantic Ocean between South America and Africa, ascending to the Balkan Peninsula, and finishing on a descending pass southwest toward the Solomon Islands.	Transcript Link
2011 10 24	NASA Johnson	https://youtu.be/7OszRMkK2Q0	Pass over Southeastern Asia	This video over Southeastern Asia was taken by the crew of Expedition 29 aboard the International Space Station. This sequence of shots was taken on Oct. 7, 2011, from 12:41:10 to 12:50:46 GMT, on an ascending pass from the island of Java to the northeast of Japan. Clouds fill most of the sky until the island of Japan approaches near the end of the sequence. Tokyo is brightly visible on the eastern-most side of the island.	Transcript Link

2011 10 24	NASA Johnson	https://youtu.be/zvqH8K7x2dM	Evening Pass over the Sahara Desert and the Middle East	This video over the Sahara Desert and the Middle East was taken by the crew of Expedition 29 aboard the International Space Station. This sequence of shots was taken on Oct. 6, 2011, from 19:46:23 to 19:58:41 GMT, on an ascending pass from the Sahara Desert to western Kazakhstan. The rust color of the Sahara Desert is the first view in this video.	Transcript Link
2011 10 24	NASA Johnson	https://youtu.be/hrI8mqeY3f0	Day Pass Down the Red Sea	This video over the southeastern Mediterranean Sea and down the coastline of the Red Sea was taken by the crew of Expedition 29 aboard the International Space Station. This sequence of shots was taken on Sept. 17, 2011, from 12:14:25 to 12:24:55 GMT, on a descending pass from southern Greece to the Horn of Africa.	Transcript Link
2011 10 24	NASA Johnson	https://youtu.be/MbruHIt_oR4	ISS Update - Oct. 24, 2011	The International Space Station video update for Oct. 24, 2011.	Transcript Link
2011 10 21	NASA Johnson	https://youtu.be/yAYqf5E6qIY	Weekly ISS Recap - Oct. 17-21, 2011	The weekly International Space Station video recap for Oct. 17-21, 2011.	Transcript Link

2011 10 20	NASA Johnson	https://youtu.be/a5c_eTwAn0o	ISS Update - Oct. 20, 2011	The International Space Station video update for Oct. 20, 2011.	Transcript Link
2011 10 19	NASA Johnson	https://youtu.be/4iVaqZGti-A	ISS Update - Oct. 19, 2011	The International Space Station video update for Oct. 19, 2011.	Transcript Link
2011 10 18	NASA Johnson	https://youtu.be/0CUDg0FxuJk	ISS Update - Oct. 18, 2011	The International Space Station video update for Oct. 18, 2011.	Transcript Link
2011 10 18	NASA Johnson	https://youtu.be/C2njqePX4eY	Peter Frampton Talks to Station Crew	Rocker Peter Frampton and his band are introduced by astronaut Ron Garan to Commander Mike Fossum and Flight Engineers Satoshi Furukawa and Sergei Volkov aboard the International Space Station during a visit to Mission Control in Houston.	Transcript Link

2011 10 17	NASA Johnson	https://youtu.be/IDE7XK8gT8	Kids in Micro-g Pepper Oil Surprise	Astronauts Cady Coleman and Paolo Nespoli perform the Pepper Oil Surprise experiment from Potlatch Elementary School in Potlatch, Idaho. This research investigates the interaction of liquid pepper/oil and water in a plastic bag in microgravity.	Transcript Link
2011 10 17	NASA Johnson	https://youtu.be/4GvDoczaGDI	Kids in Micro-g Pondering the Pendulum	Astronaut Cady Coleman performs the Pondering the Pendulum experiment from Key Peninsula Middle School in Lakebay, Wash. This research examines the effects of microgravity on a pendulum and explores the scientific principles of pendulum motion and inertia.	Transcript Link
2011 10 17	NASA Johnson	https://youtu.be/i1oR8FsJP7I	Kids in Micro-g Attracting Water Drops	Astronauts Cady Coleman and Ron Garan perform the Attracting Water Drops experiment from Chabad Hebrew Academy in San Diego, Calif. This research determines if a free-floating water drop can be attracted to a static-charged rubber exercise tube and explores the scientific principle of electrostatics.	Transcript Link
2011 10 17	NASA Johnson	https://youtu.be/1UCRJ17Kshc	ISS Update - Oct. 17, 2011	The International Space Station video update for Oct. 17, 2011.	Transcript Link

2011 10 14	NASA Johnson	https://youtu.be/X9fXS4-WlWE	Weekly ISS Update - Oct. 10-14, 2011	The weekly International Space Station video update for Oct. 10-14, 2011.	Transcript Link
2011 10 14	NASA Johnson	https://youtu.be/QTcJGJkx-r4	ISS Update - Oct. 14, 2011	The International Space Station video update for Oct. 14, 2011.	Transcript Link
2011 10 13	NASA Johnson	https://youtu.be/nnEzjiX9tcQ	ISS Update - Oct. 13, 2011	The International Space Station video update for Oct. 13, 2011.	Transcript Link
2011 10 12	NASA Johnson	https://youtu.be/85VF5gsGFCQ	ISS Update - Oct. 12, 2011	The International Space Station video update for Oct. 12, 2011.	Transcript Link

2011 10 11	NASA Johnson	https://youtu.be/ipz5C4FHHcw	ISS Update - Oct. 11, 2011	The International Space Station video update for Oct. 11, 2011.	Transcript Link
2011 10 07	NASA Johnson	https://youtu.be/YsrCwBWxvr0	ISS Update - Oct. 7, 2011	The International Space Station video update for Oct. 7, 2011.	Transcript Link
2011 10 06	NASA Johnson	https://youtu.be/_NEW3_yqQLc	ISS Update - Oct. 6, 2011	The International Space Station video update for Oct. 6, 2011.	Transcript Link
2011 10 06	NASA Johnson	https://youtu.be/P82-HZQPimY	Orion Futures	Take a look at the progress being made as NASA builds America's deep space exploration spacecraft in this fast-paced music video.	Transcript Link

2011 10 04	NASA Johnson	https://youtu.be/uRXiK-MilD4	ISS Update - Oct. 4, 2011	The International Space Station video update for Oct. 4, 2011.	Transcript Link
2011 10 03	NASA Johnson	https://youtu.be/iyu5nr29k_0	ISS Update - Oct. 3, 2011	The International Space Station video update for Oct. 3, 2011.	Transcript Link
2011 09 30	NASA Johnson	https://youtu.be/YFdWEcPocl8	ISS Update - Sept. 30, 2011	The International Space Station video update for Sept. 30, 2011.	Transcript Link
2011 09 29	NASA Johnson	https://youtu.be/nc6wPVritfk	Expedition 29 Crew Profile (Part 1)	Expedition 29 crew members Mike Fossum, Sergei Volkov and Satoshi Furukawa are profiled and interviewed.	Transcript Link

2011 09 29	NASA Johnson	https://youtu.be/gkqE-gzehug	ISS Update - Sept. 29, 2011	The International Space Station video update for Sept. 29, 2011.	Transcript Link
2011 09 29	NASA Johnson	https://youtu.be/8_Rd88i9nTc	NASA Administrator Charlie Bolden Visits Johnson Space Center	NASA Administrator Charlie Bolden visited the Johnson Space Center's Orion facilities inside the Space Vehicle Mockup Facility on Sept. 26, 2011.	Transcript Link
2011 09 29	NASA Johnson	https://youtu.be/cywqwYCumK0	Expedition 29 Crew Profile (Part 2)	Expedition 29 crew members Dan Burbank, Anton Shkaplerov and Anatoly Ivanishin are profiled and interviewed.	Transcript Link
2011 09 28	NASA Johnson	https://youtu.be/KkvH48f5a00	Plants In Space	Student plant growth investigation on the International Space Station. Ground Control Plants vs. Plants in Space - First Planting (Brassica rapa)	Transcript Link

2011 09 28	NASA Johnson	https://youtu.be/Lc4hSYGr0m8	ISS Update - Sept. 28, 2011	The International Space Station video update for Sept. 28, 2011.	Transcript Link
2011 09 27	NASA Johnson	https://youtu.be/Ug23fU1Kdo0	ISS Update - Sept. 27, 2011	The International Space Station video update for Sept. 27, 2011.	Transcript Link
2011 09 26	NASA Johnson	https://youtu.be/3Ia6WSMHYCw	Expedition 29 30 Mission Overview	The Expedition 29/30 Mission Overview looks at the crew members and their activities while they live and work aboard the International Space Station.	Transcript Link
2011 09 26	NASA Johnson	https://youtu.be/AyRGHhFF-bA	ISS Update - Sept. 26, 2011	The International Space Station video update for Sept. 26, 2011.	Transcript Link

2011 09 23	NASA Johnson	https://youtu.be/sffla8Akq9w	ISS Update - Sept. 23, 2011	The International Space Station video update for Sept. 23, 2011.	Transcript Link
2011 09 22	NASA Johnson	https://youtu.be/_chpcVf-uEs	Tropical Storm Lee Time Lapse	This video shows Tropical Storm Lee as it made landfall in Louisiana and Mississippi on September 4, 2011. This storm produced flooding and tornadoes to the southern states all the way to flooding in Pennsylvania and New York.	Transcript Link
2011 09 22	NASA Johnson	https://youtu.be/jMzwyr0qNZI	Southern California to Hudson Bay	This sequence of still frames was acquired as the International Space Station was tracking east-northeastward across the United States. The sequence begins over the Pacific Ocean as the ISS headed toward the Baja peninsula, and continues northeast through the northern Great Plains, with heavier cloud cover shown near the midwest. The video ends as the ISS is flying over the Great Lakes, and finally near Hudson Bay (left of track).	Transcript Link
2011 09 22	NASA Johnson	https://youtu.be/2mA1lx_019g	Hurricane Irene Hits the U.S.	This series of still frames was taken as the International Space Station was tracking northeastward toward the eastern coast of the United States. The imagery was taken by the Expedition 28 crew on August 26, 2011, from 20:28:27 - 20:30:22 GMT (4:28:27 - 4:30:22 EDT). The astronauts onboard the ISS captured this series of still frames as Hurricane Irene, a category 1 storm at the time, made landfall into the coast of North Carolina.	Transcript Link

2011 09 22	NASA Johnson	https://youtu.be/cC7khEUs4-U	Cuba and the Bahamas	This short video shows the cloudy island of Cuba and the Bahamas as the International Space Station flies from the Caribbean Sea northeast to the Atlantic Ocean. These shots were taken from onboard the ISS on August 31, 2011, from 17:10:36 to 17:16:01 GMT. In the video, you can see Cuba is mostly covered by clouds, but the reefs in the Bahamas stand out quite nicely.	Transcript Link
2011 09 22	NASA Johnson	https://youtu.be/h50Ky6sN8FI	Northwest Coast of United States to Central South America at Night	This video was taken on August 19, 2011 from 08:56:00 to 09:22:18 GMT from the ISS. This pass begins just southeast of Alaska, and the first cities that the ISS passes over (seen approximately 10 seconds into the video) is San Francisco and the surrounding areas. If one looks very carefully, you can spot where the Golden Gate Bridge is located: a smaller strip of lights just before the city of San Francisco, nearest to the clouds on the right of the image.	Transcript Link
2011 09 22	NASA Johnson	https://youtu.be/Vohdz0rzdGs	Aurora Australis From Madagascar to Northern Australia	Video of the Aurora Australis taken by the crew of Expedition 29 on board the International Space Station. This sequence of shots was taken September 17, 2011 from 17:22:27 to 17:45:12 GMT, on an ascending pass from south of Madagascar to just north of Australia over the Indian Ocean.	Transcript Link
2011 09 22	NASA Johnson	https://youtu.be/FwtptrZzQak	Aurora Australis Over Indian Ocean	Video of the Aurora Australis taken by the crew of Expedition 28 on board the International Space Station. This sequence of shots was taken September 7, 2011 from 17:38:03 to 17:49:15 GMT, from the French Southern and Antarctic Lands in the South Indian Ocean to southern Australia.	Transcript Link

2011 09 22	NASA Johnson	https://youtu.be/9xxoESx8iFc	Southern Lights From Eastern Australia to Eastern New Zealand	This video of the Aurora Australis was created from a sequence of still shots taken by astronauts on board the International Space Station. The images were acquired on September 11, 2011 as the ISS orbit pass descended over eastern Australia.	Transcript Link
2011 09 22	NASA Johnson	https://youtu.be/MH85D7oOnvw	Pass Over Eastern Asia to Philippine Sea and Guam	This pass begins over Mongolia, looking towards the Pacific Ocean, China, and Japan. As the video progresses, you can see major cities along the coast and the Japanese islands on the Philippine Sea. The island of Guam can be seen further down the pass into the Philippine Sea, and the pass ends just to the east of New Zealand. A lightning storm can be seen as light pulses near the end of the video.	Transcript Link
2011 09 22	NASA Johnson	https://youtu.be/_2UKwOaFxko	Africa, the Mideast, and the Terminator Line	This video sequence was created using a series of still images taken onboard the International Space Station on August 21, 2011, from 14:12:10 to 14:43:48 GMT. In this video, you can clearly see as the ISS passes over central Africa through the desert and northeastward to Egypt and the Nile delta.	Transcript Link
2011 09 22	NASA Johnson	https://youtu.be/jdtQuTwF1i8	ISS Update - Sept. 22, 2011	The International Space Station video update for Sept. 22, 2011.	Transcript Link

2011 09 21	NASA Johnson	https://youtu.be/nCNVGwkL7DE	Pass over Eastern Asia to Philippine Sea and Guam	This pass begins over Mongolia, looking towards the Pacific Ocean, China, and Japan. As the video progresses, you can see major cities along the coast and the Japanese islands on the Philippine Sea. The island of Guam can be seen further down the pass into the Philippine Sea, and the pass ends just to the east of New Zealand. A lightning storm can be seen as light pulses near the end of the video.	Transcript Link
2011 09 21	NASA Johnson	https://youtu.be/a74Q-QCVs70	ISS pass over Southern California to Hudson Bay	This sequence of still frames was acquired as the International Space Station was tracking east-northeastward across the United States. The sequence begins over the Pacific Ocean as the ISS headed toward the Baja peninsula, and continues northeast through the northern Great Plains, with heavier cloud cover shown near the midwest. The video ends as the ISS is flying over the Great Lakes, and finally near Hudson Bay (left of track).	Transcript Link
2011 09 21	NASA Johnson	https://youtu.be/QmQrRC6lerk	Aurora Australis	Video of the Aurora Australis taken by the crew of Expedition 29 on board the International Space Station. This sequence of shots was taken September 17, 2011 from 17:22:27 to 17:45:12 GMT, on an ascending pass from south of Madagascar to just north of Australia over the Indian Ocean.	Transcript Link
2011 09 21	NASA Johnson	https://youtu.be/pSze4gbaL-8	ISS Update - Sept. 21, 2011	The International Space Station video update for Sept. 21, 2011.	Transcript Link

2011 09 20	NASA Johnson	https://youtu.be/vgfWH3g9kpY	Station Assembly Animation	This animation depicts the assembly of the International Space Station since Nov. 20, 1998, with the delivery of the Zarya module, through May 16, 2011, with the delivery of the EXPRESS Logistics Carrier-3 and the Alpha Magnetic Spectrometer. The space station is a collaborative product of five space agencies, representing 15 nations, and has been continuously inhabited by humans since November 2000.	Transcript Link
2011 09 20	NASA Johnson	https://youtu.be/zdE6nmci64Q	Destination Station -- Denver 2011	Expedition 29 Commander Mike Fossum and Flight Engineer Satoshi Furukawa invite those attending Destination: Station at the Wings over the Rockies Air and Space Museum in Denver to keep the spirit of exploration alive by helping expand research aboard the International Space Station.	Transcript Link
2011 09 20	NASA Johnson	https://youtu.be/MchUnQpmTCo	ISS Update - Sept. 20, 2011	The International Space Station video update for Sept. 20, 2011.	Transcript Link
2011 09 19	NASA Johnson	https://youtu.be/UYs-akyPq6U	ISS Update - Sept. 19, 2011	The International Space Station video update for Sept. 19, 2011.	Transcript Link

2011 09 16	NASA Johnson	https://youtu.be/L1jC5W1cT5I	ISS Update - Sept. 16, 2011	The International Space Station video update for Sept. 16, 2011.	Transcript Link
2011 09 16	NASA Johnson	https://youtu.be/5BBPtc2W7gA	Expedition 28 Crew Lands Safely	Expedition 28 Commander Andrey Borisenko and Flight Engineers Alexander Samokutyaev and Ron Garan land their Soyuz TMA-21 spacecraft in Kazakhstan. Russian recovery teams were on hand to help the crew exit the Soyuz vehicle and adjust to gravity after 164 days in space.	Transcript Link
2011 09 16	NASA Johnson	https://youtu.be/OWIBOB7ZJeQ	Expedition 28 Crew Undocks from Station	Expedition 28 Commander Andrey Borisenko and Flight Engineers Alexander Samokutyaev and Ron Garan undock from the International Space Station in the Soyuz TMA-21 spacecraft, wrapping up 162 days aboard the orbiting outpost.	Transcript Link
2011 09 16	NASA Johnson	https://youtu.be/AwDZ9EJNKMY	Expedition 28 Farewell and Hatch Closure	The hatches between the Soyuz TMA-21 spacecraft and the International Space Station were closed at 5:30 p.m. EDT Thursday, Sept. 15 wrapping up 162 days aboard the orbiting outpost for Expedition 28 Commander Andrey Borisenko and Flight Engineers Alexander Samokutyaev and Ron Garan.	Transcript Link

2011 09 15	NASA Johnson	https://youtu.be/0IPmvjMsoPw	ISS Update - Sept. 15, 2011	The International Space Station video update for Sept. 15, 2011.	Transcript Link
2011 09 14	NASA Johnson	https://youtu.be/9m4uhL9HUMk	Borisenko Hands Over Command to Fossum	Expedition 28 Commander Andrey Borisenko handed over station command duties to Flight Engineer Mike Fossum. Fossum will command Expedition 29. The traditional Change of Command Ceremony took place at 5:40 p.m. EDT September 14, 2011.	Transcript Link
2011 09 14	NASA Johnson	https://youtu.be/dqSCvj_QpDU	ISS Update - Sept. 14, 2011	The International Space Station video update for Sept. 14, 2011.	Transcript Link
2011 09 13	NASA Johnson	https://youtu.be/Qo-kHM-XDJI	ISS Update - Sept. 13, 2011	The International Space Station video update for Sept. 13, 2011.	Transcript Link

2011 09 13	NASA Johnson	https://youtu.be/puhGf2SzPAE	Cupola Corner 6 - Conversation With Mike Fossum	Ron Garan talks with fellow NASA astronaut and Expedition 28 crewmate Mike Fossum as they look back on the past 100 days of their time together aboard the International Space Station.	Transcript Link
2011 09 12	NASA Johnson	https://youtu.be/33EOoi5TLzs	ISS Update - Sept. 12, 2011	The International Space Station video update for Sept. 12, 2011.	Transcript Link
2011 09 12	NASA Johnson	https://youtu.be/7Q3g9JzwVHM	Cupola Corner 5 - Conversation With Satoshi Furukawa	NASA astronaut Ron Garan talks with fellow Expedition 28 Flight Engineer Satoshi Furukawa about using the view from the International Space Station to inspire people to make a difference, and to make life better on our planet.	Transcript Link
2011 09 12	NASA Johnson	https://youtu.be/U_jtVE7jucQ	Cupola Corner 4 - Conversation With Sergei Volkov	NASA astronaut Ron Garan speaks with fellow Expedition 28 Flight Engineer Sergei Volkov about using the view from the International Space Station to inspire people to make a difference, and to make life better on our planet.	Transcript Link

2011 09 12	NASA Johnson	https://youtu.be/_KiFtLK-qE4	Cupola Corner 3 - Conversation With Andrey Borisenko	Expedition 28 Flight Engineer Ron Garan talks with Commander Andrey Borisenko about using the view from the International Space Station to inspire people to make a difference and to make life better on our planet.	Transcript Link
2011 09 12	NASA Johnson	https://youtu.be/39Vcr1V9VRw	Cupola Corner 2 - Conversation With Alexander Samokutyaev	Astronaut Ron Garan speaks with fellow Expedition 28 flight engineer and Soyuz Commander Alexander Samokutyaev about using the view from the International Space Station to inspire people to make a difference and to make life better on our planet.	Transcript Link
2011 09 12	NASA Johnson	https://youtu.be/BYmbe4860wY	Cupola Corner 1 - Conversation With Chris Ferguson	Atlantis Commander Chris Ferguson joined Expedition 28 Flight Engineer Ron Garan in the International Space Station cupola back in July 2011 for some conversation about the space shuttle, and how the astronauts can communicate what they see from space in a way that will inspire people to make a difference.	Transcript Link
2011 09 12	NASA Johnson	https://youtu.be/AeQ-M0YiiP4	We're Getting the Band Back Together	The Expedition 28 crew returned to full strength with the June 9 arrival to the International Space Station of Flight Engineers Mike Fossum, Sergei Volkov and Satoshi Furukawa. They joined Commander Andrey Borisenko, and Flight Engineers Alexander Samokutyaev and Ron Garan.	Transcript Link

2011 09 09	NASA Johnson	https://youtu.be/nbxdPZKmhTw	ISS Update - Sept. 9, 2011	The International Space Station video update for Sept. 9, 2011.	Transcript Link
2011 09 08	NASA Johnson	https://youtu.be/4egnezZTmRA	Hurricane Katia on Sept. 8, 2011	Hurricane Katia is seen from the International Space Station on Sept. 8, 2011.	Transcript Link
2011 09 08	NASA Johnson	https://youtu.be/sOYjMxL6UDk	ISS Update - Sept. 8, 2011	The International Space Station video update for Sept. 8, 2011.	Transcript Link
2011 09 07	NASA Johnson	https://youtu.be/UT0kRqq_j50	Texas Wildfires on Sept. 6	Smoke plumes and haze from wildfires across Texas on Sept. 6, 2011 can be seen in this video captured from International Space Station.	Transcript Link

2011 09 07	NASA Johnson	https://youtu.be/uCg03y0qJ-E	Texas Wildfires on Sept. 7	Smoke plumes and haze from wildfires are seen across Texas on Sept. 7, 2011 from the International Space Station.	Transcript Link
2011 09 07	NASA Johnson	https://youtu.be/_4EhXXMf8y0	ISS Update - Sept. 7, 2011	The International Space Station video update for Sept. 7, 2011.	Transcript Link
2011 09 06	NASA Johnson	https://youtu.be/NSnCRFnVr40	Texas Wildfires Views from Station	External cameras mounted on the International Space Station as well as handheld cameras captured these dramatic views Tuesday of wildfires burning around Bastrop, Texas.	Transcript Link
2011 09 06	NASA Johnson	https://youtu.be/PKMUJ5B5q4Y	Station Cameras Capture New Videos of Hurricane Katia	Aboard the International Space Station, external cameras captured new video of Hurricane Katia as it moved northwest across the western Atlantic north of Puerto Rico at 10:35 a.m. EDT on September 6, 2011. Katia has strengthened into a major Category 3 hurricane packing winds of 125 miles an hour and could strengthen even more before taking a northern and then northeastern track east of the east coast of the United States.	Transcript Link

2011 09 06	NASA Johnson	https://youtu.be/r7yxTJdtLDw	ISS Update - Sept. 6, 2011	The International Space Station video update for Sept. 6, 2011.	Transcript Link
2011 09 02	NASA Johnson	https://youtu.be/dyrYzMzwAFs	ISS Update - Sept. 2, 2011	The International Space Station video update for Sept. 2, 2011.	Transcript Link
2011 09 01	NASA Johnson	https://youtu.be/SPaWqtLXsX0	ISS Update - Sept. 1, 2011	The International Space Station video update for Sept. 1, 2011.	Transcript Link
2011 08 31	NASA Johnson	https://youtu.be/fdBspJhyINk	ISS Update - August 31, 2011	The International Space Station video update for Aug. 31, 2011.	Transcript Link

2011 08 30	NASA Johnson	https://youtu.be/sJzN2Y05h-Y	ISS Update - August 30, 2011	The International Space Station video update for Aug. 30, 2011.	Transcript Link
2011 08 30	NASA Johnson	https://youtu.be/Lds16-yG2n0	Celebrities Thank NASA Shuttle Teams (Part 3)	Celebrities and VIPs express thanks to NASA and the space shuttle team, part 3.	Transcript Link
2011 08 30	NASA Johnson	https://youtu.be/cia1tfFr-zU	Celebrities Thank NASA Shuttle Teams (Part 2)	Celebrities and VIPs express thanks to NASA and the space shuttle team, part 2.	Transcript Link
2011 08 30	NASA Johnson	https://youtu.be/azViv3vm8jI	Celebrities Thank NASA Shuttle Teams (Part 1)	Celebrities and VIPs express thanks to NASA and the space shuttle team, part 1.	Transcript Link

2011 08 30	NASA Johnson	https://youtu.be/Pgy3_LqyeC8	NASA Human Space Flight A Look Ahead	A quick look set to music of current and future NASA human space flight activities.	Transcript Link
2011 08 29	NASA Johnson	https://youtu.be/7Dwn6pus4WA	ISS Update - August 29, 2011	The International Space Station video update for Aug. 29, 2011	Transcript Link
2011 08 28	NASA Johnson	https://youtu.be/EOuoAiUbrGk	Station Crew Spots Irene	An Expedition 28 crew member aboard the International Space Station captured this video of Tropical Storm Irene on August 28 at 4:09 p.m. EDT as it moved over the east coast of the United States.	Transcript Link
2011 08 28	NASA Johnson	https://youtu.be/MhDzSz-_HtU	Space Station Views Tropical Storm Irene	Cameras mounted on the International Space Station captured new views of Tropical Storm Irene at 2:33 p.m. EDT on August 28, 2011 as the storm bore down on the east coast of the United States. Expedition 28 Flight Engineer Mike Fossum comments on the condition of the storm as seen from space.	Transcript Link

2011 08 27	NASA Johnson	https://youtu.be/FRuuWkb0vh0	Space Station Sees Hurricane Irene on Aug. 26	Cameras mounted on the International Space Station captured new views of Hurricane Irene at 4:27 p.m. EDT on August 26, 2011 as the storm bore down on the east coast of the United States. Accompanied by narration from Expedition 28 Flight Engineer Mike Fossum of NASA, the video showed the massive system moving north at 14 miles an hour packing winds of 100 miles an hour some 300 miles south-southwest of Cape Hatteras, North Carolina.	Transcript Link
2011 08 27	NASA Johnson	https://youtu.be/u3vmym2e0Mk	Hurricane Irene Viewed on Thursday by Space Station Cameras	Cameras mounted on the International Space Station captured new views of Hurricane Irene as it churned across the Bahamas at 3:47 p.m. EDT on August 25, 2011. Irene, which is a massive and powerful category 3 hurricane, is moving north-northwest toward a likely brush with the outer banks of North Carolina Saturday before tracking up the mid-Atlantic states and a possible path over the metropolitan New York area and New England late this weekend.	Transcript Link
2011 08 26	NASA Johnson	https://youtu.be/fV7-S8OHY90	ISS Update - August 26, 2011	The International Space Station video update for Aug. 26, 2011.	Transcript Link
2011 08 25	NASA Johnson	https://youtu.be/gUXJCORNA7w	ISS Update - August 25, 2011	The International Space Station video update for Aug. 25, 2011.	Transcript Link

2011 08 24	NASA Johnson	https://youtu.be/SeLeB9-L_F4	Station Cameras Capture New Views of Major Hurricane Irene	From 230 miles above the Earth, cameras on the International Space Station captured new views of powerful Hurricane Irene as it churned over the Bahamas at 3:10 p.m. EDT on August 24, 2011. Irene is moving to the northwest as a Category 3 hurricane, packing winds of 120 miles an hour. Irene is expected to strengthen to a Category 4 storm as it heads toward the Outer Banks of North Carolina, the Eastern Seaboard and the middle Atlantic and New England states.	Transcript Link
2011 08 24	NASA Johnson	https://youtu.be/LW9QPa4o_e0	ISS Update - August 24, 2011	The International Space Station video update for Aug. 24, 2011.	Transcript Link
2011 08 24	NASA Johnson	https://youtu.be/qkqzUuK9aIk	Steven Curtis Chapman -- Live from NASA	Grammy award-winning artist Steven Curtis Chapman gave a live performance on the radio while surrounded by space vehicle trainers at the Johnson Space Center. Steve later got a chance to talk to astronauts currently orbiting the Earth on the International Space Station and tour the space center's astronaut training facilities.	Transcript Link
2011 08 23	NASA Johnson	https://youtu.be/XTCQymboDOg	ISS Update - August 23, 2011	The International Space Station video update for Aug. 23, 2011.	Transcript Link

2011 08 22	NASA Johnson	https://youtu.be/Bcocoz8IZLg	Space Station Cameras Capture Views of Hurricane Irene From Orbit	Aboard the International Space Station, an Expedition 28 crew member captured views of intensifying Hurricane Irene from an altitude of 225 miles at 3:33 p.m. EDT on Aug. 22, 2011, as the tropical system passed to the north of Hispaniola. The National Hurricane Center is forecasting a track that would take Irene near to or east of the Florida peninsula as a major hurricane on Friday with a possible landfall along the southeastern United States on Saturday. As of 11 a.m. EDT on Monday, Irene was packing winds of 80 miles an hour, but growing stronger, moving west-northwest at 13 miles an hour.	Transcript Link
2011 08 22	NASA Johnson	https://youtu.be/IbKsVfCZQG0	ISS Update - August 22, 2011	The International Space Station video update for Aug. 22, 2011.	Transcript Link
2011 08 09	NASA Johnson	https://youtu.be/-A8MpAiD3CE	Peter Frampton Hooks Up With the International Space Station	The video with audio can also be viewed here: http://1.usa.gov/nyxGJV Musician Peter Frampton introduces Expedition 28 Flight Engineer Ron Garan during a concert at the Warfield Theater in San Francisco.	Transcript Link
2011 08 08	NASA Johnson	https://youtu.be/zx3B4mIcgyE	Internship Opportunities at Johnson Space Center	This is an intern recruitment video for business students at NASA's Johnson Space Center. There are diverse, exciting opportunities available for business students here at Johnson Space Center, ranging from finance, to procurement and budgeting, to public affairs. Now more than ever, NASA needs talented students from around the country, who are ready for a unique working environment and experience.	Transcript Link

2011 08 01	NASA Johnson	https://youtu.be/NiJ54Jj2rck	Astronaut Charles Duke During an Apollo 16 Lunar Surface EVA	Astronaut Charles Duke hammers a core tube into the ground until it meets a rock and won't go any further. Then the hammer flies from his hand and he makes four attempts to pick it up by bending down and leaning to reach for it. He gives up and returns to the rover to get the tongs to pick up the hammer successfully.	Transcript Link
2011 07 21	NASA Johnson	https://youtu.be/Q0jR8fqXdzg	Flight Director Tony Ceccacci's Post-Landing Remarks	Flight Director Tony Ceccacci gives thanks to the flight control team in the shuttle flight control room at Johnson Space Center following the landing of space shuttle Atlantis.	Transcript Link
2011 07 21	NASA Johnson	https://youtu.be/0bIiA7k2WBo	STS-135 Flight Day 13 Interviews	The STS-135 crew members participate in interviews with ABC News, CBS News, CNN, Fox News and NBC News.	Transcript Link
2011 07 21	NASA Johnson	https://youtu.be/RuTMn2rPFw8	Landing Day Wake Up Song and Greeting	The video with audio can also be viewed here: http://1.usa.gov/p6Rg8n Kate Smith's rendition of Irving Berlin's "God Bless America" woke Commander Chris Ferguson, Pilot Doug Hurley and Mission Specialists Sandy Magnus and Rex Walheim. But unlike most wakeup songs, which are played in honor of a particular crew member, this one was dedicated to all the men and women who have worked for the Space Shuttle Program in the past three decades.	Transcript Link

2011 07 20	NASA Johnson	https://youtu.be/Z7QAXCM6Gz0	STS-135 Daily Mission Recap - Flight Day 13	A video recap of flight day 13 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link
2011 07 20	NASA Johnson	https://youtu.be/84IYJ7o3Xik	Kennedy Space Center Wakes STS-135 Crew	The video with audio can also be viewed here: http://1.usa.gov/oQkHRY The Flight Day 13 wakeup music was "Fanfare for the Common Man" by Aaron Copland played for Commander Chris Ferguson. It was followed by a prerecorded message from Kennedy Space Center employees. Kennedy is home to the space shuttle fleet, along with its launch pads and the people who prepared the shuttles for each trip into space. Atlantis is scheduled to land at the Shuttle Landing Facility in Kennedy on Thursday.	Transcript Link
2011 07 19	NASA Johnson	https://youtu.be/KXh1A_pEx7U	STS-135 Daily Mission Recap - Flight Day 12	A video recap of flight day 12 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link
2011 07 19	NASA Johnson	https://youtu.be/rVJDYI1BQA4	STS-135 Ascent Imagery Highlights	Space shuttle Atlantis and the STS-135 crew begin the journey to the International Space Station on July 8, 2011.	Transcript Link

2011 07 19	NASA Johnson	https://youtu.be/OlWaFXle3VQ	STS-135 Undocking	Space shuttle Atlantis undocks from the International Space Station during STS-135, the final shuttle mission.	Transcript Link
2011 07 19	NASA Johnson	https://youtu.be/PQa8fCiZRg4	Flight Day 12 Wake Up Song and Greeting	The video with audio can also be viewed here: http://1.usa.gov/rnAQBJ The Flight Day 12 wakeup music was "Don't Panic" by Coldplay, which was played for Pilot Doug Hurley. This was the last wakeup song played for a shuttle crew while docked to the International Space Station.	Transcript Link
2011 07 18	NASA Johnson	https://youtu.be/toabl6i4fBY	STS-135 Daily Mission Recap - Flight Day 11	A video recap of flight day 11 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link
2011 07 18	NASA Johnson	https://youtu.be/GYyjMhPYjaQ	The STS-135 Crew Speaks with Students	Atlantis Pilot Doug Hurley and Mission Specialist Rex Walheim field questions from NASA Explorer School students as part of the "Summer of Innovation" during an in-flight educational event. It was the last opportunity for shuttle crew members to respond to students' questions.	Transcript Link

2011 07 18	NASA Johnson	https://youtu.be/ra2QX00R3R0	The STS-135 Crew Farewell Ceremony and Hatch Closing	The STS-135 and Expedition 28 crews hold a farewell ceremony and close the hatches between the International Space Station and space shuttle Atlantis. The hatches between the spacecraft were open for seven days, 21 hours and 41 minutes.	Transcript Link
2011 07 18	NASA Johnson	https://youtu.be/dDMZ5j_jrds	Johnson Space Center Wakes STS-135 Crew	The video with audio can also be viewed here: http://1.usa.gov/pLDdJF The Flight Day 11 wakeup music was "Days Go By" by Keith Urban, which was played for Mission Specialist Rex Walheim. The song was accompanied by a special good morning message recorded by employees at NASA's Johnson Space Center in Houston, TX. The NASA center is home not only to the astronaut corps, but also Mission Control and the Space Shuttle Program.	Transcript Link
2011 07 17	NASA Johnson	https://youtu.be/mVxfhZUSppY	STS-135 Daily Mission Recap - Flight Day 10	A video recap of flight day 10 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link
2011 07 17	NASA Johnson	https://youtu.be/ATgxiy1Ewho	Stennis Space Center Wakes STS-135 Crew	The video with audio can also be viewed here: http://1.usa.gov/oisd21 The Flight Day 10 wakeup music was "Celebration" by Kool and the Gang, which was played for Mission Specialist Sandy Magnus. The song was accompanied by a special good morning message recorded by employees at NASA's Stennis Space Center in southern Mississippi, the NASA center that is home to the test stands that verified each of the main engines that helped propel space shuttles into low Earth orbit, including the three used in the STS-135 launch.	Transcript Link

2011 07 16	NASA Johnson	https://youtu.be/PjDd767IkFs	STS-135 and Expedition 28 Joint Crew News Conference	Atlantis crew members and their six station colleagues gathered in the Japanese Kibo Laboratory to take questions from news media. Reporters at four NASA centers, NASA headquarters and in Japan participated.	Transcript Link
2011 07 16	NASA Johnson	https://youtu.be/1sTTV3SUGzE	STS-135 Flight Day 8 Interviews, Part 2	The STS-135 crew members participate in interviews with CBS Radio, KYW-TV in Philadelphia and Associated Press. Next up was interviews with WPVI-TV and KYW Radio, both of Philadelphia, and Reuters.	Transcript Link
2011 07 16	NASA Johnson	https://youtu.be/Tb4biKCRPOg	STS-135 Flight Day 8 Interviews, Part 1	The STS-135 crew members participate in interviews with CBS Radio, KYW-TV in Philadelphia and Associated Press. Next up was interviews with WPVI-TV and KYW Radio, both of Philadelphia, and Reuters.	Transcript Link
2011 07 16	NASA Johnson	https://youtu.be/rs_eT_0FXw0	STS-135 Daily Mission Recap - Flight Day 9	A video recap of flight day 9 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link

2011 07 16	NASA Johnson	https://youtu.be/9PbTjXC2WwA	STS-135 Crew Tribute to the Space Shuttle Program	The STS-135 crew provided a recorded message as a tribute to Atlantis, the entire Space Shuttle Program and team. In the message, Ferguson spoke about the U.S. flag displayed behind them that was flown on the first space shuttle mission, STS-1. It was flown on this mission to be presented to the space station crew and it will remain displayed aboard the station until the next crew launched from the U.S. retrieves it for return to Earth. It will fly from Earth again, with the next crew that launches from the U.S. on a journey of exploration beyond Earth orbit.	Transcript Link
2011 07 16	NASA Johnson	https://youtu.be/anRlH-CqYew	Crew World Cup Message	STS-135 Mission Specialist Sandy Magnus and Expedition 28 Flight Engineer Satoshi Furukawa record a special World Cup message	Transcript Link
2011 07 16	NASA Johnson	https://youtu.be/dtwQvCbw9Qk	Beyonce Brings It On Orbit	The video with audio can also be viewed here: http://1.usa.gov/quMD2n The STS-135 crew gets moving on Flight Day 9 with "Run the World (Girls)" after being awakened by a special greeting from songstress Beyonce Knowles.	Transcript Link
2011 07 15	NASA Johnson	https://youtu.be/4ckuxkYJZF8	STS-135 Daily Mission Recap - Flight Day 8	A video recap of flight day 8 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link

2011 07 15	NASA Johnson	https://youtu.be/iV-X0NcG8Lc	STS-135 Flight Day 7 Interviews, Part 2	The STS-135 crew members talk with representatives of WBBM-TV of Chicago, KTVU-TV of Oakland, Calif., and WTXF-TV of Philadelphia.	Transcript Link
2011 07 15	NASA Johnson	https://youtu.be/RiQUvyGGu6A	STS-135 Flight Day 7 Interviews, Part 1	STS-135 Commander Chris Ferguson and Mission Specialist Sandy Magnus talk with Fox News Radio, as well as KTVI-TV and KSDK-TV in St. Louis.	Transcript Link
2011 07 15	NASA Johnson	https://youtu.be/MT7C5zX_lMQ	Sir Paul Awakens Final Shuttle Crew	The video with audio can also be viewed here: http://1.usa.gov/qle5d0 Paul McCartney and Beatles favorite "Good Day Sunshine" greet the Atlantis crew of Chris Ferguson, Doug Hurley, Sandy Magnus and Rex Walheim first thing on Flight Day 8. Sir Paul and the Beatles' music have awakened a dozen past shuttle crews. "Good Day Sunshine" was played for two Discovery crews of STS-121 and STS-128. On learning the popular Beatles song was used to rouse the shuttle crew of STS-121, McCartney treated the Expedition 12 crew aboard the International Space Station with a live musical wakeup call during a first-ever concert linkup in November 2005. The wakeup call during which McCartney performed "Good Day Sunshine" and "English Tea," came from McCartney's "US" Tour performance in Anaheim, California. During the live linkup, McCartney said," I can't believe we're actually transmitting to space" as Bill McArthur performed a zero-g flip for the 17,000 Earth bound concert-goers. In an interview about the "Good Day Sunshine" wakeup calls, McCartney said, "I think it hit a chord with American audiences, because...well they're American, Number 1, and that's their space shuttle going up there." McCartney and "Good Day Sunshine" hit a chord with the crew members of the final space shuttle crew in NASA's history: "Good morning guys, wake up! And good luck on this, your last mission. Well done."	Transcript Link

2011 07 14	NASA Johnson	https://youtu.be/ladwrg_K-u4	STS-135 Centennial of Naval Aviation Message	STS-135 Commander Chris Ferguson and Pilot Doug Hurley record a special message to commemorate the centennial of naval aviation.	Transcript Link
2011 07 14	NASA Johnson	https://youtu.be/zg1NgO4ZucM	STS-135 Daily Mission Recap - Flight Day 7	A video recap of flight day 7 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link
2011 07 14	NASA Johnson	https://youtu.be/qCMGjdI-TKw	The STS-135 Crew Participates in Interviews	The STS-135 crew members talk with representatives of WBNG-TV and WICZ-TV in Binghamton, N.Y., near Pilot Doug Hurley's home town of Apalachin, and KGO-TV of San Francisco. Mission Specialist Rex Walheim is from nearby San Carlos.	Transcript Link
2011 07 14	NASA Johnson	https://youtu.be/FheKP4YgLwk	Michael Stipe Wake Up Song and Greeting	The video with audio can also be viewed here: http://1.usa.gov/pv4Avr The four astronauts of the final space shuttle mission are greeted by R.E.M. front man Michael Stipe and the group's hit, "Man on the Moon" to begin Flight Day 7. On recording this song for the Atlantis' last crew Stipe said, "I recorded 'Man on The Moon' for NASA in Venice, Italy, where Galileo first presented to the Venetian government his eight-power telescope, and in 1610 wrote 'The Starry Messenger' (Sidereus Nuncius), an account of his early astronomical discoveries that altered forever our view of our place in the universe."	Transcript Link

2011 07 13	NASA Johnson	https://youtu.be/eA3uNh_QIzc	STS-135 Daily Mission Recap - Flight Day 6	A video recap of flight day 6 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link
2011 07 13	NASA Johnson	https://youtu.be/2ID1xnxWAhQ	A Message From NASA Astronauts to the Space Shuttle Workforce	A special message to the space shuttle workforce from the STS-135 and Expedition 28 astronauts.	Transcript Link
2011 07 13	NASA Johnson	https://youtu.be/boTpJ16GJaM	Elton John Wake Up Song and Greeting for STS-135	Flight Day 6 was kick-started for the STS-135 astronauts with a special wake-up message from Elton John and one of the legendary performer's greatest hits. "Rocket Man" debuted around the time of the Apollo 16 mission, which sent men to the moon for the fifth time. The 4.5-minute song, which describes a long-term space bound astronaut's mixed feelings at leaving his family to do his job, has been played to awaken four shuttle crews aboard Discovery and Atlantis. "Rocket Man" also, one of NASA's top 40 wakeup call songs listed for voter selection during a contest to commemorate the space shuttle Discovery and Endeavour's last missions, earned nearly 5,000 votes from the public. The song inspired by space exploration woke up the final space shuttle crew of Atlantis one last time: "Good morning Atlantis, this is Elton John. We wish you much success on your mission. A huge thank you to all the men and women at NASA who worked on the shuttle for the last three decades."	Transcript Link
2011 07 13	NASA Johnson	https://youtu.be/hSSHqaggLYQ	STS-135 Daily Mission Recap - Flight Day 5	A video recap of flight day 5 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link

2011 07 12	NASA Johnson	https://youtu.be/mNcKNzAi5hU	STS-135 Flight Day 5 Crew Wake Up Call	The video with audio can also be viewed here: http://1.usa.gov/r3AcY8 The STS-135 Flight Day 5 wakeup call was "More" by Matthew West played for Mission Specialist Rex Walheim.	Transcript Link
2011 07 12	NASA Johnson	https://youtu.be/tOsGCU6Syf4	STS-135 Daily Mission Recap - Flight Day 4	A video recap of flight day 4 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link
2011 07 11	NASA Johnson	https://youtu.be/zU_Ry73C1iA	STS-135 Flight Day 4 Crew Wake Up Call	The video with audio can also be viewed here: http://1.usa.gov/rmuSO7 The STS-135 Flight Day 4 wakeup call was "Tubthumping" by Chumbawamba played for Mission Specialist Sandy Magnus.	Transcript Link
2011 07 11	NASA Johnson	https://youtu.be/Nry8B9yd_C4	STS-135 Daily Mission Recap - Flight Day 3	A video recap of flight day 3 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link

2011 07 10	NASA Johnson	https://youtu.be/Y6wc8kZ9CBw	Shuttle Showcase STS-134	After 25 flights and over 120 million miles of travel in service to the nation and to the world, It was time for Endeavour to come home for the final time.	Transcript Link
2011 07 10	NASA Johnson	https://youtu.be/ItZJ-LoAHj0	Atlantis Docks to Station	The Expedition 28 crew welcomes the STS-135 crew of space shuttle Atlantis aboard the International Space Station.	Transcript Link
2011 07 10	NASA Johnson	https://youtu.be/WxCvsl-SyvE	Shuttle Showcase STS-125	After four previous trips to repair and upgrade the Hubble Space Telescope, it was time for the Shuttle to make one final service call to install new, advanced instruments, batteries, gyros and insulation on the astronomical icon. Following 5 complex spacewalks, Hubble was left virtually brand new --- and ready for many more years of unprecedented science.	Transcript Link
2011 07 10	NASA Johnson	https://youtu.be/mSXViTNLpDM	Shuttle Showcase STS-124	The second in a series of flights to assemble the Japanese segment of the International Space Station saw the mammoth Kibo module delivered to the complex complements of Discovery and its crew on the STS-124 mission. Kibo, the Japanese word for "hope" would house dozens of experiments and serve as a platform for external payloads brought to the complex on subsequent Shuttle flights and the Japanese "Kounotori" H-2 Transfer Vehicle cargo ship.	Transcript Link

2011 07 10	NASA Johnson	https://youtu.be/44UyTWeaIM0	Shuttle Showcase STS-49	Everyone knew the maiden flight of Endeavour, the successor to the fallen Challenger, would be challenging. In the end, it turned out to be that, and more, as the crew ultimately made history. Rick Heib, Pierre Thuot and Tom Akers salvaged the rescue of the crippled Intelsat satellite, performing the first, and to date, the only three-person spacewalk to manually capture Intelsat.	Transcript Link
2011 07 10	NASA Johnson	https://youtu.be/QyikYNYmCC0	Shuttle Showcase STS-31	The Hubble Space Telescope is deployed from space shuttle Discovery on STS-31	Transcript Link
2011 07 10	NASA Johnson	https://youtu.be/ker0KDYzklU	Shuttle Showcase STS-30	May 4, 1989... the five-person crew of Atlantis prepares for the first deployment of a planetary spacecraft from the shuttle. A little over six hours after launch, Magellan and its mammoth Inertial Upper Stage booster are released from Atlantis' payload bay to begin Magellan's voyage to peel back the layers of the cloudy planet of Venus.	Transcript Link
2011 07 10	NASA Johnson	https://youtu.be/nMDMzCw0Cug	Shuttle Showcase STS-1	The launch of STS-1 marked the beginning of a new era in human spaceflight.	Transcript Link

2011 07 10	NASA Johnson	https://youtu.be/B9Mgbduz3Tk	Shuttle Showcase Firsts	The space shuttle has defined an era and broken boundaries both in space and on Earth. Among the hundreds of people who have flown on the shuttle, many have been firsts -- for their race, their country or their profession.	Transcript Link
2011 07 10	NASA Johnson	https://youtu.be/ONNc0RX-3RQ	STS-135 Rendezvous Pitch Maneuver	On July 10, 2011, space shuttle Atlantis performed the nine-minute Rendezvous Pitch Maneuver, or "backflip." With Commander Chris Ferguson at the helm, Atlantis rotated 360 degrees backward to enable space station crew members to take high resolution digital pictures of the shuttle's heat shield.	Transcript Link
2011 07 10	NASA Johnson	https://youtu.be/ug0vIR1_W6M	STS-135 Flight Day 3 Crew Wake Up Call	The video with audio can also be viewed here: http://1.usa.gov/n32ixN The STS-135 Flight Day 3 wakeup call was "Mr. Blue Sky" by Electric Light Orchestra played for Commander Chris Ferguson.	Transcript Link
2011 07 10	NASA Johnson	https://youtu.be/NLOLYR6t7lY	STS-135 Daily Mission Recap - Flight Day 2	A video recap of flight day 2 of the STS-135 mission of space shuttle Atlantis to the International Space Station	Transcript Link

2011 07 09	NASA Johnson	https://youtu.be/t0EDWhwVd68	Mission Control Roses	The 110th bouquet of roses arrived in Mission Control on Saturday, July 9, 2011. They were sent as quietly as they have been for more than 23 years by a family near Dallas, Texas. For 110 shuttle missions, beginning with the first mission to fly following the Challenger accident, the Shelton family's flowers arrived in the control center like clockwork, usually with a simple note of well wishes.	Transcript Link
2011 07 09	NASA Johnson	https://youtu.be/7MYmpG9d7XA	Marshall Space Flight Center Wakes STS-135 Crew	The video with audio can also be viewed here: http://1.usa.gov/nfPCG9 The STS-135 Flight Day 2 wakeup music was "Viva la Vida" performed by Coldplay, a song picked by STS-135 Pilot Doug Hurley. The song was accompanied by a special good morning message recorded by employees at NASA's Marshall Spaceflight Center in Huntsville, Ala., the NASA center that has managed the space shuttle's solid rocket boosters, main engines and external tank throughout the program's history.	Transcript Link
2011 07 08	NASA Johnson	https://youtu.be/rYjBuklVxO8	STS-135 Daily Mission Recap - Flight Day 1	A video recap of flight day 1 of the STS-135 mission of space shuttle Atlantis to the International Space Station.	Transcript Link
2011 07 08	NASA Johnson	https://youtu.be/GLgnZ89b8Po	Orion The Journey Begins	Even as the space shuttle program comes to a close, NASA is already building its next human spacecraft, the Orion Multi-Purpose Crew Vehicle (MPCV), around the country. Orion is being designed and tested to go further than we've ever gone and do things the shuttle could never do, namely explore deep space. In "Orion: The Journey Begins" take a look at the progress and development of NASA's newest vehicle, which will be the most advanced human spacecraft ever built.	Transcript Link

2011 07 08	NASA Johnson	https://youtu.be/YYh6BD6-Hc8	What Kind of World Do You Want	Although STS-135 is the final space shuttle mission, the International Space Station will continue an uninterrupted human presence in space. This music video featuring the space station and its crews is set to the song "World" by recording artists Five for Fighting.	Transcript Link
2011 07 05	NASA Johnson	https://youtu.be/72OLN4lBpSQ	Launching Our Dreams A Shuttle Retrospective	A tribute to NASA's Space Shuttle Program and its 30 year history.	Transcript Link
2011 06 30	NASA Johnson	https://youtu.be/MBADi5nJI2o	STS-135 Overview Animation	A computer-animated overview of the STS-135 mission of space shuttle Atlantis.	Transcript Link
2011 06 27	NASA Johnson	https://youtu.be/g2aoKTfPUtc	STS-135 Mission Overview	With the final flight of space shuttle Atlantis and its crew of four astronauts, the space shuttle era comes to a close, and America and the world bids a final farewell to a sleek and one-of-a-kind ship that has helped history unfold in low Earth orbit.	Transcript Link

2011 06 21	NASA Johnson	https://youtu.be/NACbbyl1ciA	STS-135 Crew Profile	The last flight of the U.S. space shuttle is a return flight to the International Space Station for each of the four astronauts aboard Atlantis.	Transcript Link
2011 06 20	NASA Johnson	https://youtu.be/zxO-pM1lLZ0	Behind the Scenes Landing the Soyuz	06/20/2011 -- NASA Public Affairs Officer Josh Byerly talks to ground support personnel and mission officials in Russia and Kazakhstan as they prepare for the landing of Expedition 27 on May 23, 2011. Crew members Dmitry Kondratyev, Cady Coleman and Paolo Nespoli returned home aboard the Soyuz TMA-20 spacecraft while space shuttle Endeavour and the STS-134 crew were still docked to the International Space Station.	Transcript Link
2011 06 15	NASA Johnson	https://youtu.be/uCVt0kpefHM	Space Shuttle Launch and Landing Highlights	A variety of camera views showcase the amazing journey into orbit, the space shuttle docked to the International Space Station and the voyage home.	Transcript Link
2011 06 10	NASA Johnson	https://youtu.be/yzWFvlK0Ifc	New Trio Welcomed Aboard Station	Three new Expedition 28 crew members entered the station's Rassvet module to begin their stay when the hatches were opened at 8:34 p.m. on June 9, 2011.	Transcript Link

2011 06 09	NASA Johnson	https://youtu.be/ElX2b-PnaaQ	New Crew Members Arrive at Station	The Expedition 28 crew expanded to six members with the arrival of Flight Engineers Mike Fossum, Sergei Volkov and Satoshi Furukawa. The new trio docked to the International Space Station in the Soyuz TMA-02M spacecraft June 9, 2011.	Transcript Link
2011 06 09	NASA Johnson	https://youtu.be/ThRVzDIrrKA	STS-134 Daily Mission Recap - Flight Day 7	A video recap of flight day 7 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 06 08	NASA Johnson	https://youtu.be/Ob9WXozrLdQ	Rocket Rock Soyuz Crew Gets a Sendoff Song from ZZ Top	NASA Astronaut Michael Fossum, now on his way to the International Space Station aboard the Russian Soyuz TMA-02M along with his fellow astronauts and cosmonauts aboard got a sneak preview of a track that is slated to be in part of ZZ Top's, as yet untitled, forthcoming album.	Transcript Link
2011 06 08	NASA Johnson	https://youtu.be/NYFu3UNENyI	Shuttle Endeavour Docked to Station	After the Soyuz TMA-20 carrying Expedition 27 Commander Dmitry Kondratyev and Flight Engineers Cady Coleman and Paolo Nespoli undocked from the International Space Station on May 23, Nespoli captured this video of shuttle Endeavour docked to the orbital complex.	Transcript Link

2011 06 01	NASA Johnson	https://youtu.be/e7ltSFWfAlU	Endeavour's Crew Wakes to Song Contest Winner	The STS-134 crew members were awakened on the final day of their mission with the song "Sunrise Number 1," performed by the band Stormy Mondays. This song was chosen in an online vote of the general public as the winner in the Space Shuttle Program's Original Song Contest, which attracted 1350 entrants.	Transcript Link
2011 06 01	NASA Johnson	https://youtu.be/9ci2j7ammio	STS-134 Crew Wakes to Song Contest Runner-Up	On the day before landing, space shuttle Endeavour's crew wakeup call featured the original composition "Dreams You Give" by Brain Plunkett, the second place winner in the Space Shuttle Program's Original Song Contest, which drew more than 1,300 entries. More than a million votes were cast online by the general public to choose two songs from among 10 finalists to be played to the astronauts.	Transcript Link
2011 05 31	NASA Johnson	https://youtu.be/4TLTpGivmco	STS-134 Daily Mission Recap - Flight Day 16	A video recap of flight day 16 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 31	NASA Johnson	https://youtu.be/0qOENXuZiTs	STS-134 Tribute to Endeavour	STS-134 Commander Mark Kelly pays tribute to space shuttle Endeavour and the spacecraft's contribution to human spaceflight. Mission specialists Andrew Feustel, Mike Fincke, Roberto Vittori, Greg Chamitoff and Pilot Greg Johnson also share their thoughts and impressions of Endeavour.	Transcript Link

2011 05 30	NASA Johnson	https://youtu.be/HP7uND5Ocek	Last Station Flyaround for Space Shuttle Endeavour	Space shuttle Endeavour undocked from the International Space Station at 11:55 p.m. EDT Sunday, May 29, ending a stay of 11 days, 17 hours and 41 minutes at the orbiting laboratory. Pilot Greg Johnson, at the aft flight deck controls, flew Endeavour in a circle around the station at distances of about 450 to 650 feet. Commander Mark Kelly radioed mission control that he could see the $2 billion Alpha Magnetic Spectrometer particle physics detector Endeavour had brought to orbit. After the flyaround and a separation burn, Kelly took the controls for a test of an automated rendezvous and docking system called STORRM, for Sensor Test for Orion Relative Navigation Risk Mitigation. Endeavour moved about 20,000 feet above and behind the station, then to a point below and behind it.	Transcript Link
2011 05 29	NASA Johnson	https://youtu.be/fg1_cZM9HEU	STS-134 Daily Mission Recap - Flight Day 14	A video recap of flight day 14 of the STS-134 mission of space shuttle Endeavour to the International Space Station	Transcript Link
2011 05 29	NASA Johnson	https://youtu.be/32zm5J5NkTc	Shuttle Crew Says Farewell, Closes Hatches	At 7:23 a.m. Sunday, hatches were closed between Endeavour and the station 12 days, 22 hours and 27 minutes into the mission. The hatches between the two spacecraft were opened at 7:38 a.m. on May 18 and were open for joint crew operations for a total of 10 days, 23 hours, and 45 minutes.	Transcript Link
2011 05 29	NASA Johnson	https://youtu.be/Sf0j3oHKBZ8	STS-134 Memorial Day Message	STS-134 Pilot Greg Johnson and Mission Specialist Andrew Feustel send a Memorial Day message from the International Space Station's Kibo laboratory.	Transcript Link

2011 05 29	NASA Johnson	https://youtu.be/DO7ZBp4HXQA	STS-134 Ascent Imagery Highlights	Space shuttle Endeavour and the STS-134 crew begin the journey to the International Space Station on May 16, 2011.	Transcript Link
2011 05 28	NASA Johnson	https://youtu.be/rhHJRwBcr1M	STS-134 Daily Mission Recap - Flight Day 13	A video recap of flight day 13 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 27	NASA Johnson	https://youtu.be/Hh4-B91mTWg	STS-134 Daily Mission Recap - Flight Day 12	A video recap of flight day 12 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 26	NASA Johnson	https://youtu.be/aTXuwi_1d0Q	STS-134 Daily Mission Recap - Flight Day 11	A video recap of flight day 11 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link

2011 05 25	NASA Johnson	https://youtu.be/1mdtpFFNwUg	Shuttle Astronauts Play Chess	STS-134 astronauts Greg Johnson and Greg Chamitoff ponder their next move for the Earth vs. Space chess match. The shuttle crew members also discuss their activities aboard the International Space Station and the benefits of playing chess.	Transcript Link
2011 05 25	NASA Johnson	https://youtu.be/c0jbhAj_5kI	STS-134 Daily Mission Recap - Flight Day 10	A video recap of flight day 10 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 24	NASA Johnson	https://youtu.be/rP0pM6PwqPs	STS-134 Daily Mission Recap - Flight Day 9	A video recap of flight day 9 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 24	NASA Johnson	https://youtu.be/S0Ux4MUxZ9c	Expedition 27 Undocks from the Station	After spending 157 days aboard the International Space Station, Dmitry Kondratyev, NASA Flight Engineer Cady Coleman and European Space Agency Flight Engineer Paolo Nespoli undocked from the station's Rassvet module at 5:35 p.m. EDT May 23, 2011, to begin their voyage home.	Transcript Link

2011 05 24	NASA Johnson	https://youtu.be/UQC_8_SP-zM	Expedition 27 Says Goodbye	At 2:45 p.m. EDT on May 23, 2011, hatches were closed between the International Space Station and Soyuz TMA-20 spacecraft. Expedition 27 crew members Dmitry Kondratyev, NASA Flight Engineer Cady Coleman and European Space Agency Flight Engineer Paolo Nespoli undocked at 5:35 p.m. for their return home.	Transcript Link
2011 05 23	NASA Johnson	https://youtu.be/val6DfAwM8s	STS-134 Daily Mission Recap - Flight Day 8	A video recap of flight day 8 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 23	NASA Johnson	https://youtu.be/uJttwRg9MLE	Astronauts Talk to Students in Tucson	STS-134 Commander Mark Kelly and Mission Specialist Mike Fincke speak with students from Mesa Verde Elementary School in Tucson, Ariz. Approximately 400 students in kindergarten through fifth grade participated in the event and learned how the unique environment of space helps advance scientific discovery and exploration.	Transcript Link
2011 05 22	NASA Johnson	https://youtu.be/5wyH_6Z6b00	Expedition 27 28 Change of Command Ceremony	At 11:41 a.m. EDT Sunday, Dmitry Kondratyev, who has been the commander of Expedition 27 aboard the International Space Station, conducted a ceremonial change of command with Andrey Borisenko, who now commands Expedition 27 and will command Expedition 28. Kondratyev, NASA Flight Engineer Cady Coleman and European Space Agency Flight Engineer Paolo Nespoli will return to Earth Monday night inside their Soyuz TMA-20 spacecraft that launched to the station Dec. 15. Expedition 28 will begin officially at the moment of Soyuz undocking.	Transcript Link

2011 05 22	NASA Johnson	https://youtu.be/ryTnDTqTrQk	STS-134 Daily Mission Recap - Flight Day 6	A video recap of flight day 6 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 21	NASA Johnson	https://youtu.be/kj3BjfcJDHI	Crews Speak with Pope Benedict XVI	The STS-134 and Expedition 27 crews joined together in the Kibo module for a special call from Pope Benedict XVI.	Transcript Link
2011 05 21	NASA Johnson	https://youtu.be/6USwy2NdO5c	Expedition 27 Spiders in Space	Two golden orb spiders are delivered by the STS-134 crew to the International Space Station so researchers can observe the arachnids' habits in microgravity.	Transcript Link
2011 05 20	NASA Johnson	https://youtu.be/-s71i5X90ug	STS-134 Daily Mission Recap - Flight Day 5	A video recap of flight day 5 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link

2011 05 20	NASA Johnson	https://youtu.be/KpARJPkHo8M	Expedition 27 Trains for Soyuz Undocking	Expedition 27 crew members Dmitry Kondratyev, Cady Coleman and Paolo Nespoli train inside the Soyuz TMA-20 spacecraft. They are preparing for their undocking and landing in Kazakhstan planned for May 23, 2011.	Transcript Link
2011 05 20	NASA Johnson	https://youtu.be/nrGNiK3vEfI	Soyuz Flyaround Animation	The Soyuz TMA-20 spacecraft undocks and flies around the International Space Station in this computer-generated animation shown during the May 20, 2011 STS-134 Mission Status Briefing.	Transcript Link
2011 05 20	NASA Johnson	https://youtu.be/GHuJELfSNuU	STS-134 Daily Mission Recap - Flight Day 4	A video recap of flight day 4 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 19	NASA Johnson	https://youtu.be/G7q2-dV76zc	STS-134 Daily Mission Recap - Flight Day 3	A video recap of flight day 3 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link

2011 05 18	NASA Johnson	https://youtu.be/19Bvj_g6XAM	STS-134 Rendezvous Pitch Maneuver	On May 18, 2011, space shuttle Endeavour performed the Rendezvous Pitch Maneuver, or "backflip." With Commander Mark Kelly at the helm, Endeavour rotated 360 degrees backward to enable International Space Station astronauts to take high resolution pictures of the shuttle's heat shield.	Transcript Link
2011 05 17	NASA Johnson	https://youtu.be/zkGMy1r2p5A	STS-134 Daily Mission Recap - Flight Day 2	A video recap of flight day 2 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 17	NASA Johnson	https://youtu.be/fQRYP0U7h0w	STS-134 Daily Mission Recap - Flight Day 1	A video recap of flight day 1 of the STS-134 mission of space shuttle Endeavour to the International Space Station.	Transcript Link
2011 05 09	NASA Johnson	https://youtu.be/lUsNBAJ62pQ	STORRM Overview	A state-of-the-art relative navigation system will be demonstrated on the STS-134 mission to the International Space Station called the Sensor Test for Orion Relative Navigation Risk Mitigation or STORRM. The goal of STORRM is to validate a new relative navigation sensor based on advanced laser and detector technology that will make docking and undocking to the International Space Station and other spacecraft easier and safer. The demonstration is a test-run of the technology, and the STS-134 crew and engineers in mission control will monitor the flight data throughout the mission with specialized STORRM software.	Transcript Link

2011 05 09	NASA Johnson	https://youtu.be/hG-bqgVRDFs	Expedition 27 Crew Profile	Expedition 27 is the first long-duration spaceflight for each member of the International Space Station crew.	Transcript Link
2011 05 09	NASA Johnson	https://youtu.be/HH-bFLyyrZM	Expedition 27 Mission Overview	Three crew members who will be aboard the International Space Station for the final flight of the space shuttle will also be on orbit to celebrate the shuttle's 30th birthday.	Transcript Link
2011 04 29	NASA Johnson	https://youtu.be/c7bs-Nhl2M8	Expedition 27 Royal Message	Flight Engineers Cady Coleman, Paolo Nespoli and Ron Garan send a congratulatory message to the royal couple on behalf of the Expedition 27 crew.	Transcript Link
2011 04 28	NASA Johnson	https://youtu.be/DWT4AFuHCuU	Views of England	England is seen from the orbiting International Space Station.	Transcript Link

2011 04 26	NASA Johnson	https://youtu.be/NCRO3o6f01w	Spinning Off With NASA	The year is 1958. A top secret research project investigating the nature of quantum uncertainty splits the universe into two parallel realities—one with NASA-developed technologies, and one without. Now, two American families live against their will: one at the forefront of progress, and one in a postmodern dystopia! Follow the Johnsons and the Andersons through an average day in their lives, and find out exactly how and why it is that space technology pioneered at every NASA center, when applied to ordinary situations, paves the way to a brighter, happier future! To learn more about NASA spinoffs and how they affect everyday life, be sure to check out their official website: NASA Spinoffs Website: http://www.sti.nasa.gov/tto/ NASA Spinoffs Database: http://www.sti.nasa.gov/spinoff/database This video was made by the interns and co-ops at NASA on their own time, with their own resources. They care deeply about America's space program, and they want to help you get more involved with NASA's activities.	Transcript Link
2011 04 22	NASA Johnson	https://youtu.be/qydRiaGscE0	Helicopter Rover Innovation Project	This successful innovation project at the Johnson Space Center was born from some Orion engineers and then joined by engineers from other programs. The innovation teams creation can save funds and be used effectively for Orion and other NASA programs.	Transcript Link
2011 04 21	NASA Johnson	https://youtu.be/n8lFhaMihTg	ISS Tour -- April 21, 2011	Expedition 27 Flight Engineer Cady Coleman flies through the International Space Station with a high-definition video camera.	Transcript Link

2011 04 19	NASA Johnson	https://youtu.be/5Z8pKpgTD7o	A Message from Mike Suffredini Commemorating the 10th Anniversary of Canadarm2	A message from ISS Program Manager Mike Suffredini commemorating the 10th anniversary of the launch of the station's robotic arm, Canadarm2 aboard space shuttle Endeavour on April 19, 2001.	Transcript Link
2011 04 19	NASA Johnson	https://youtu.be/-7WgPQPU7hk	A Message from the Expediton 27 Crew Commemorating Canadarm2's 10th Anniversary	A message from the Expedition 27 crew commemorating the 10th anniversary of the launch of the station's robotic arm, Canadarm2 aboard space shuttle Endeavour on April 19, 2001.	Transcript Link
2011 04 19	NASA Johnson	https://youtu.be/mnVyllDIZ5k	Alpha Magnetic Spectrometer (AMS) Overview	The Alpha Magnetic Spectrometer (AMS) is flying to the station on STS-134. The AMS experiment is a state-of-the-art particle physics detector being operated by an international team composed of 60 institutes from 16 countries and organized under United States Department of Energy (DOE) sponsorship. The AMS Experiment will use the unique environment of space to advance knowledge of the universe and lead to the understanding of the universe's origin. The AMS is a high profile space-based particle physics experiment that is led by Nobel laureate Samuel Ting of the Massachusetts Institute of Technology (MIT).	Transcript Link
2011 04 18	NASA Johnson	https://youtu.be/QPdsPMo1qJE	Expedition 27 Flight Engineer Ron Garan Education Message		Transcript Link

2011 04 18	NASA Johnson	https://youtu.be/bEiqPu9sT-g	Expedition 27 Flight Engineer Cady Coleman Education Message		Transcript Link
2011 04 18	NASA Johnson	https://youtu.be/05rGa6LUAgU	STS-134 Commander Mark Kelly Education Message	NASA astronaut Mark Kelly talks about the importance of science, technology, engineering and math education for achieving your dreams.	Transcript Link
2011 04 18	NASA Johnson	https://youtu.be/rQ-sE_vBbJI	STS-134 Mission Specialist Andrew Feustel Education Message		Transcript Link
2011 04 15	NASA Johnson	https://youtu.be/2MpAQ8RumX0	STS-133 Post-Flight	A retrospective of STS-133, the final mission of space shuttle Discovery.	Transcript Link

2011 04 14	NASA Johnson	https://youtu.be/0IuxVxfELc4	Mission Control Center Named for Legendary Flight Director	NASA is recognizing Christopher C. Kraft Jr., America's first human space mission flight director, by naming the Mission Control Center in his honor for his service to the nation and its space programs. Read more here: http://www.nasa.gov/mission_pages/shuttle/behindscenes/kraft_mcc.html	Transcript Link
2011 04 11	NASA Johnson	https://youtu.be/LuK9GqhNLgI	Meet the STS-134 Crew	Meet the six astronauts of space shuttle Endeavour's STS-134 mission to deliver the Alpha Magnetic Spectrometer and spare parts to the International Space Station.	Transcript Link
2011 04 11	NASA Johnson	https://youtu.be/n3xWRE2OfH4	STS-134 Legacy of Endeavour	When Endeavour launches on NASA's 36th mission to the International Space Station, the STS-134 crew of six astronauts will begin a mission to stock the station with spare parts and a world-class stellar research instrument.	Transcript Link
2011 04 07	NASA Johnson	https://youtu.be/_1NSYrbKFQQ	New Expedition 27 Trio Docks to Station	The International Space Station welcomed three new flight engineers when they docked Wednesday April 6, 2011 at 7:09 p.m. EDT in the Soyuz TMA-21 spacecraft. Flight Engineers Ron Garan, Alexander Samokutyaev and Andrey Borisenko began their journey when they launched Monday at 6:18 p.m. from Baikonur Cosmodrome, Kazakhstan.	Transcript Link

2011 04 05	NASA Johnson	https://youtu.be/n0JbyTtHWNs	Behind the Scenes STS-134 Crew Training	Astronaut Mike Massimino visits the Neutral Buoyancy Laboratory near NASA's Johnson Space Center to talk to the members of the STS-134 crew of space shuttle Endeavour about their mission.	Transcript Link
2011 04 04	NASA Johnson	https://youtu.be/QN9ZxNozBvI	Expedition 27 Launch	NASA astronaut Ron Garan and Russian cosmonauts Andrey Borisenko and Alexander Samokutyaev launch in their Soyuz TMA-21 spacecraft from the Baikonur Cosmodrome in Kazakhstan on April 4, 2011 (April 5, Kazakhstan time).	Transcript Link
2011 04 01	NASA Johnson	https://youtu.be/Q8QbJe-_5Y0	Endeavour Retrospective	A retrospective look at space shuttle Endeavour.	Transcript Link
2011 04 01	NASA Johnson	https://youtu.be/hTkIimQux74	Atlantis Retrospective	A retrospective look at space shuttle Atlantis.	Transcript Link

2011 03 31	NASA Johnson	https://youtu.be/xqBmvR9XEBI	Behind the Scenes STS-134 Spacewalk Training	Astronaut Mike Massimino visits the Neutral Buoyancy Laboratory near NASA's Johnson Space Center as the STS-134 crew of space shuttle Endeavour gets ready to conduct another spacewalk training session.	Transcript Link
2011 03 17	NASA Johnson	https://youtu.be/5sr6pXaJohA	Station Crew Unpacks Robonaut 2	Flight Engineers Cady Coleman and Paolo Nespoli unpack the newest member of the Expedition 27 crew, Robonaut 2, the first humanoid robot in space.	Transcript Link
2011 03 17	NASA Johnson	https://youtu.be/vX-5n_YcxgQ	St. Patrick's Day Greeting From Space	Expedition 27 Flight Engineer Cady Coleman aboard the International Space Station sends her best wishes for a happy St. Patrick's Day.	Transcript Link
2011 03 17	NASA Johnson	https://youtu.be/1wx6rQHnaTM	Expedition 26 Landing	Expedition 26 Commander Scott Kelly and Flight Engineers Alexander Kaleri and Oleg Skripochka return to Earth after 159 days in space, 157 aboard the International Space Station.	Transcript Link

2011 03 17	NASA Johnson	https://youtu.be/3UiMaVPpXKk	Scott Kelly Post-Landing Interview	NASA astronaut Scott Kelly, who recently returned to Earth after 159 days in space, 157 aboard the International Space Station, takes a moment to talk with Rob Navias of the NASA Public Affairs Office.	Transcript Link
2011 03 14	NASA Johnson	https://youtu.be/SHrue7jV4C4	Station Change of Command Ceremony	Expedition 26 Commander Scott Kelly ceremonially hands command of the International Space Station over to Flight Engineer Dmitry Kondratyev, who will serve as Expedition 27 commander.	Transcript Link
2011 03 08	NASA Johnson	https://youtu.be/xLXDRWImihA	Big Head Todd & The Monsters Live Wakeup Call	A live performance from Big Head Todd & The Monsters was the first time a shuttle crew has been awakened live from Mission Control, Houston.	Transcript Link
2011 03 08	NASA Johnson	https://youtu.be/4SqRQYeArpg	STS-133 Daily Mission Recap - Flight Day 12	A video recap of flight day 12 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link

2011 03 07	NASA Johnson	https://youtu.be/m2ZugwQVtAw	STS-133 Mission Highlights	Space shuttle Discovery and the STS-133 crew launched Feb. 24, 2011, on a mission to deliver the Permanent Multipurpose Module, Robonaut 2 and the Express Logistics Carrier 4 to the International Space Station. During Discovery's stay at the station, the STS-133 crew conducted two spacewalks to perform maintenance and install new components.	Transcript Link
2011 03 07	NASA Johnson	https://youtu.be/kayCLca1YMc	STS-133 Ascent Highlights	Space shuttle Discovery and the STS-133 crew begin the journey to the International Space Station on Feb. 24, 2011.	Transcript Link
2011 03 07	NASA Johnson	https://youtu.be/IiFzINiVJ48	STS-133 Flyaround	Space shuttle Discovery performs a flyaround of the International Space Station after undocking at 7 a.m. EST on Monday, March 7, 2011.	Transcript Link

2011 03 07	NASA Johnson	https://youtu.be/tH1s7jBWKSY	STS-133 Star Trek Wakeup Call	William Shatner, who played Captain James T. Kirk on the original Star Trek television series, provided a special message to the crew of space shuttle Discovery during the Flight Day 12 wakeup call. As Alexander Courage's theme song played underneath, Shatner replaced the original television introduction with, "Space, the final frontier. These have been the voyages of the Space Shuttle Discovery. Her 30 year mission: To seek out new science. To build new outposts. To bring nations together on the final frontier. To boldly go, and do, what no spacecraft has done before." The "Theme from Star Trek" received the second most votes in a public contest from a Top 40 list for NASA's Song Contest. The top two songs with the most votes from that list earned a slot on the list to wake Discovery's crew during its final mission. The total number of votes cast during the four-month contest for STS-133 was 2,463,774. Of that, Star Trek received 671,134 votes (27.2 percent). Shatner recorded the new, special introduction for Discovery's final voyage -- its 39th flight and 13th to the International Space Station.	Transcript Link
2011 03 07	NASA Johnson	https://youtu.be/NZVyEA25kQ4	Fair Winds and Following Seas	STS-133 Commander Steve Lindsey and Expedition 26 Commander Scott Kelly bid farewell as the crew of Discovery prepares to depart the International Space Station.	Transcript Link
2011 03 07	NASA Johnson	https://youtu.be/1hszj1EAsL8	STS-133 Daily Mission Recap - Flight Day 11	A video recap of flight day 11 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link

2011 03 06	NASA Johnson	https://youtu.be/zdAE6qwV1O4	STS-133 Daily Mission Recap - Flight Day 10	A video recap of flight day 10 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link
2011 03 05	NASA Johnson	https://youtu.be/RlFlXFTXaV4	STS-133 Daily Mission Recap - Flight Day 9	A video recap of flight day 9 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link
2011 03 04	NASA Johnson	https://youtu.be/2IzH_3RDOgI	Face in Space Thanks	Discovery Commander Steve Lindsey and the rest of the STS-133 and Expedition 26 crews thank everyone for participating in NASA's "Face in Space." Read more about "Face in Space" here: https://faceinspace.nasa.gov/index.aspx	Transcript Link
2011 03 04	NASA Johnson	https://youtu.be/C9pqhyotN7s	STS-133 Joint Crew News Conference	Video highlights from the Joint Crew News Conference with the STS-133 and Expedition 26 crews on March 4, 2011.	Transcript Link

2011 03 04	NASA Johnson	https://youtu.be/5GjTQXbhQ6o	Crew Looking Forward to Top Wakeup Songs	Discovery Commander Steve Lindsey thanks everyone for voting for their favorite space shuttle wakeup songs. The crew is looking forward to hearing your selections on the last two days of Discovery's flight. Read more about the contest here: https://songcontest.nasa.gov/	Transcript Link
2011 03 04	NASA Johnson	https://youtu.be/XMZg34FN_fU	STS-133 Daily Mission Recap - Flight Day 8	A video recap of flight day 8 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link
2011 03 03	NASA Johnson	https://youtu.be/McF4zcZD-rg	STS-133 Daily Mission Recap - Flight Day 7	A video recap of flight day 7 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link
2011 03 02	NASA Johnson	https://youtu.be/jkoiuXpm0Q	STS-133 Daily Mission Recap - Flight Day 6	A video recap of flight day 6 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link

2011 03 01	NASA Johnson	https://youtu.be/HxSOQUqvZAk	STS-133 Daily Mission Recap - Flight Day 5	A video recap of flight day 5 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link
2011 02 28	NASA Johnson	https://youtu.be/z9CEgeNnKnc	STS-133 Daily Mission Recap - Flight Day 4	A video recap of flight day 4 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link
2011 02 27	NASA Johnson	https://youtu.be/l5Qi9LWsuis	STS-133 Rendezvous Pitch Maneuver	At 1:15 p.m. EST Saturday, space shuttle Discovery began the nine-minute Rendezvous Pitch Maneuver, or "backflip." With Commander Steve Lindsey at the helm, Discovery rotated 360 degrees backward to enable space station astronauts to take high resolution pictures of the shuttle's heat shield. Lindsey then flew the shuttle through a quarter circle to a position about 310 feet directly in front of the station, allowing the station to catch up with it for docking at 2:16 p.m.	Transcript Link
2011 02 27	NASA Johnson	https://youtu.be/hfOKKezrYPU	STS-133 Daily Mission Recap - Flight Day 3	A video recap of flight day 3 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link

2011 02 26	NASA Johnson	https://youtu.be/yRqUPjl3tTQ	International Space Station Assembly	This annotated animation details the assembly of the International Space Station, from the launch of the first segment in 1998 to today and beyond. HD download link: https://archive.org/details/International-Space-Station-Assembly	Transcript Link
2011 02 26	NASA Johnson	https://youtu.be/eyWbZja2yaY	Discovery Performs Terminal Initiation Burn	The terminal initiation burn, a left Orbital Maneuvering System engine firing that gave Discovery one last big push toward the space station, took place Feb. 26, 2011 at 10:33 a.m. The burn lasted 11 seconds.	Transcript Link
2011 02 26	NASA Johnson	https://youtu.be/JCX6cF_quDQ	STS-133 Daily Mission Recap - Flight Day 2	A video recap of flight day 2 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link
2011 02 25	NASA Johnson	https://youtu.be/Ti0T6A2FZf4	STS-133 Daily Mission Recap - Flight Day 1	A video recap of flight day 1 of the STS-133 mission of space shuttle Discovery to the International Space Station.	Transcript Link

2011 02 15	NASA Johnson	https://youtu.be/QuaIlMfB0TY	Flight Engineer Cady Coleman Gives Station Tour	Flight Engineer Cady Coleman takes us on a video tour of the International Space Station as she collects various items needed to perform a Kids In Micro-g experiment.	Transcript Link
2011 02 15	NASA Johnson	https://youtu.be/8SjOMacHxcM	Kelly Brothers Interview Part 8	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander.	Transcript Link
2011 02 15	NASA Johnson	https://youtu.be/UJRN5wWPlJc	Kelly Brothers Interview Part 7	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander.	Transcript Link
2011 02 15	NASA Johnson	https://youtu.be/LNgJnakv8WU	Kelly Brothers Interview Part 6	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander.	Transcript Link

2011 02 15	NASA Johnson	https://youtu.be/p1bpO9zAekk	Kelly Brothers Interview Part 5	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander.	Transcript Link
2011 02 15	NASA Johnson	https://youtu.be/ILAw6cjDCxQ	Kelly Brothers Interview Part 4	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander.	Transcript Link
2011 02 14	NASA Johnson	https://youtu.be/sdUUoUqn484	Kelly Brothers Interview Part 3	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander.	Transcript Link
2011 02 14	NASA Johnson	https://youtu.be/jL6aLbt7tpQ	Kelly Brothers Interview Part 2	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander.	Transcript Link

2011 02 14	NASA Johnson	https://youtu.be/0n5p-wwgQM4	Kelly Brothers Interview Part 1	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander.	Transcript Link
2011 02 11	NASA Johnson	https://youtu.be/02DB0z6Eino	We Choose Space	Deanna Hausman, Beckendorff Jr. High	Transcript Link
2011 02 11	NASA Johnson	https://youtu.be/el3-gLxFXjI	Why Should the United States Explore Space	Nicole Lewis and Lauren Gray, Bauerschlag Elementary	Transcript Link
2011 02 11	NASA Johnson	https://youtu.be/J5y4qF3MgzY	Generation's Dreams	Manjot Singh Jawa, Jersey Village High School	Transcript Link

2011 02 10	NASA Johnson	https://youtu.be/_e2TCdbbo-I	ATV2 Interview with Michael Suffredini	International Space Station Manager Michael Suffredini answers questions about the European Space Agency's second Automated Transfer Vehicle (ATV2), Johannes Kepler, set to launch from a launch pad near Kourou, French Guiana, on Feb. 15, 2011.	Transcript Link
2011 02 09	NASA Johnson	https://youtu.be/A9uBPwP7DQc	A Flute on the Space Station	Expedition 26 Flight Engineer Cady Coleman demonstrates playing the flute on the International Space Station during an interview with National Public Radio's "All Things Considered."	Transcript Link
2011 02 05	NASA Johnson	https://youtu.be/AnM1jSW7YEE	Mark Kelly Resumes Training To Command STS-134	Video highlights from the Feb. 4, 2011 news briefing discussing STS-134 Commander Mark Kelly's return to training for the mission.	Transcript Link
2011 01 30	NASA Johnson	https://youtu.be/QmIg4nWuJUY	The ISS Progress 41 Docks	The ISS Progress 41 cargo craft docked to the station's Pirs docking compartment Saturday, Jan. 29, 2011, at 9:39 p.m. EST.	Transcript Link

2011 01 28	NASA Johnson	https://youtu.be/ERoS9cIjo_Y	Jan. 27, 2011 Day of Remembrance	On Jan. 27, 2011, Johnson Space Center paused to remember all fallen astronauts, including the crews of Apollo 1, Challenger and Columbia, with a T-38 flyover and a moment of silence.	Transcript Link
2011 01 11	NASA Johnson	https://youtu.be/RycINq8cgAw	Russian Prime Minister Calls the Station Crew at Start of Historic Year	Russian Prime Minister Vladimir Putin discussed life and work aboard the International Space Station with the Expedition 26 crew during a call to the six crew members from the Russian Mission Control Center in Korolev, Russia, on Jan. 11, 2011. Mr. Putin was in the control center outside Moscow chairing a commission involved in formulating commemorative events to honor the 50th anniversary of the launch on April 12, 1961, of Russian cosmonaut Yuri Gagarin as the first human in space. Putin also offered his condolences to ISS Commander Scott Kelly for the tragedy in Tucson and assured Kelly "all Russians were touched by the news." Putin expressed his best wishes and prayers to Kelly's brother, Mark, and the recovery of Mark's wife, Congresswoman Gabrielle Giffords.	Transcript Link
2011 01 07	NASA Johnson	https://youtu.be/ioDZ4Eb5lAc	International Space Station L.A.B.S. Video	The 2010 JSC team of NASA's leadership development program, the Foundations of Influence, Relationships, Success and Teamwork (FIRST), spent part of their year producing an ISS-themed educational outreach program for 5th to 8th grade students. The International Space Station Learning, Achieving, Believing and Succeeding (L.A.B.S.) project highlights real-world application of Science, Technology, Engineering and Math (STEM) on the ISS and seeks to engage and encourage students to pursue technical fields of study. The educational program includes an educator guide with eight STEM lessons, a STEM on Station themed digital learning network program, and an inspirational video. This video outlines some of the reasons the FIRST team were inspired to join NASA and motivates students to set and achieve their own academic ambitions.	Transcript Link
2010 12 30	NASA Johnson	https://youtu.be/PLmc6CJQwLM	Dining on the Space Station	Expedition 26 Commander Scott Kelly provides a look at food and beverages aboard the International Space Station.	Transcript Link

2010 12 21	NASA Johnson	https://youtu.be/gsnVQQYAra4	Expedition 26 Holiday Message	The Expedition 26 crew sends holiday greetings to Earth from the International Space Station.	Transcript Link
2010 12 17	NASA Johnson	https://youtu.be/oES5TmudhX8	Expedition 26 Docks to the Station	New Expedition 26 crew members Dmitry Kondratyev, Catherine Coleman and Paolo Nespoli docked to the Rassvet mini-research module Friday, Dec. 15, 2010, at 3:11 p.m. EST. They launched Wednesday on the Soyuz TMA-20 spacecraft from Baikonur Cosmodrome, Kazakhstan at 2:09 p.m. (1:09 a.m. Thursday, Baikonur time). After a two-day ride to the orbiting laboratory the new flight engineers will begin a five-month stay until May 2011.	Transcript Link
2010 12 17	NASA Johnson	https://youtu.be/YxImeOomkUk	Working Out Aboard the Space Station	Expedition 26 Commander Scott Kelly demonstrates the Advanced Resistive Exercise Device, or ARED, which is one of the machines available to the International Space Station crew members for their daily exercise regimen to counteract the loss of bone and muscle mass that occurs during long-term spaceflight.	Transcript Link
2010 12 15	NASA Johnson	https://youtu.be/saOezFOhmY4	Expedition 26 Launch	A new trio of Expedition 26 flight engineers blasted off Wednesday from the Baikonur Cosmodrome in Kazakhstan, Dec. 15, 2010, at 2:09 p.m. EST (1:09 a.m. Thursday, Baikonur time).	Transcript Link

2010 12 06	NASA Johnson	https://youtu.be/Q4dG9vSyUFQ	At Home with Commander Scott Kelly	Expedition 26 Commander Scott Kelly gives a tour of his personal living quarters aboard the International Space Station's facilities.	Transcript Link
2010 11 30	NASA Johnson	https://youtu.be/2bHzaDU93sc	ISS Crew Talks With Texas School for the Deaf	The Expedition 24 crew members talk with students from the Texas School for the Deaf.	Transcript Link
2010 11 15	NASA Johnson	https://youtu.be/U54RMrBK9vU	Window on the World	Expedition 26 Commander Scott Kelly shows off the International Space Station's observation deck known as the cupola.	Transcript Link
2010 10 29	NASA Johnson	https://youtu.be/T5eJYwktSmE	Robonaut 2 Getting Packed for Space Flight	Robonaut 2 gets packed for the trip to space in this time-lapse video.	Transcript Link

2010 10 29	NASA Johnson	https://youtu.be/yMFlSAlBDRc	NASA to Launch R2 to Join Space Station Crew	NASA will launch the first human-like robot to space this year to become a permanent resident of the International Space Station. Robonaut 2, or R2, was developed jointly by NASA and General Motors under a cooperative agreement to develop a robotic assistant that can work alongside humans, whether they are astronauts in space or workers at GM manufacturing plants on Earth.	Transcript Link
2010 10 10	NASA Johnson	https://youtu.be/ZR55a8msWsw	Soyuz TMA-01M Docks to Station	After a two-day journey aboard the Soyuz TMA-01M spacecraft three new Expedition 25 crew members arrived at the International Space Station and docked to the Poisk module at 8:01 p.m. EDT on Oct. 9, 2010.	Transcript Link
2010 09 17	NASA Johnson	https://youtu.be/71y8fsYTnpI	Hurricane Karl	The International Space Station flies over Hurricane Karl as it reaches the western coast of Mexico near Veracruz on Friday, Sept. 17.	Transcript Link
2010 09 10	NASA Johnson	https://youtu.be/b8AEuJpuFwk	Station Resupply Ship Launches	The ISS Progress 39 cargo craft launched to the International Space Station from the Baikonur Cosmodrome in Kazakhstan at 6:22 a.m. EDT Friday, Sept. 9, 2010.	Transcript Link

2010 09 08	NASA Johnson	https://youtu.be/2tJe8pKX4aY	Interview with Scott and Mark Kelly (PART 3)	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander. The two brothers may meet in space when space shuttle Endeavour docks to the International Space Station in early 2011.	Transcript Link
2010 09 08	NASA Johnson	https://youtu.be/8jl8qmQ1Fzw	Interview with Scott and Mark Kelly (PART 5)	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander. The two brothers may meet in space when space shuttle Endeavour docks to the International Space Station in early 2011.	Transcript Link
2010 09 08	NASA Johnson	https://youtu.be/PNaW0kSRots	Interview with Scott and Mark Kelly (PART 4)	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander. The two brothers may meet in space when space shuttle Endeavour docks to the International Space Station in early 2011.	Transcript Link
2010 09 08	NASA Johnson	https://youtu.be/4HVWIlHzggI	Interview with Scott and Mark Kelly (PART 6)	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander. The two brothers may meet in space when space shuttle Endeavour docks to the International Space Station in early 2011.	Transcript Link

2010 09 08	NASA Johnson	https://youtu.be/xElnWh4drB4	Interview with Scott and Mark Kelly (PART 2)	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander. The two brothers may meet in space when space shuttle Endeavour docks to the International Space Station in early 2011.	Transcript Link
2010 09 08	NASA Johnson	https://youtu.be/gsn0rAMpFlI	Interview with Scott and Mark Kelly (PART 1)	Astronauts and brothers Scott and Mark Kelly are interviewed before their missions. Scott Kelly (left) will be Expedition 26 Commander and Mark will be the STS-134 Commander. The two brothers may meet in space when space shuttle Endeavour docks to the International Space Station in early 2011.	Transcript Link
2010 07 15	NASA Johnson	https://youtu.be/SKDsLItyoWI	Orion Progress - Spring 2010	NASA and contractor teams are designing, building and testing the next generation human spacecraft Orion. Progress on Orion is highlighted by employees working on the project, along with video of the successful flight test of the launch abort system, called Pad Abort 1, and the construction of a crew module that will be used in flight-like environment testing on the ground.	Transcript Link
2010 06 22	NASA Johnson	https://youtu.be/ApHRaGTGgwI	ESPN Interview with Tracy Caldwell Dyson	ESPN interview with Tracy Caldwell Dyson discussing the World Cup on June 11, 2010.	Transcript Link

2010 05 25	NASA Johnson	https://youtu.be/Ji-jSN402Qs	STS-132 Mission Video Highlights	Highlights of Atlantis' STS-132 mission to the International Space Station are presented in images and video.	Transcript Link
2010 05 25	NASA Johnson	https://youtu.be/mitoR2I7P_o	STS-132 Ascent Highlights	Space shuttle Atlantis and the STS-132 crew begin the journey to the International Space Station on May 14, 2010.	Transcript Link
2010 05 25	NASA Johnson	https://youtu.be/FN9yr-pBP4M	The Window Observational Research Facility on the International Space Station (PART 2)	This is part 2 of 2 of a video that describes the remote sensing capabilities of the International Space Station (ISS) utilizing the United States Laboratory "Destiny" module science window and the Window Observational Research Facility (WORF). The Lab Window is the highest optical quality window ever installed on a manned space vehicle and permits the use of high resolution cameras and multi and hyper-spectral Earth science remote sensing instruments from within the pressurized volume of the ISS which eliminates the expense and complexity of having to operate an instrument outside of the ISS in the vacuum of space at extreme temperatures. The WORF provides the stable platform on which to mount cameras and sensors at the Lab Window as well as the connectivity to operate these payloads. The video is hosted by Astronaut and Lab Window/WORF developer Mario Runco who flew three Space Shuttle missions, STS-44, 54, & 77.	Transcript Link
2010 05 25	NASA Johnson	https://youtu.be/5AAGiMPMwqI	The Window Observational Research Facility on the International Space Station (PART 1)	This is part 1 of 2 of a video that describes the remote sensing capabilities of the International Space Station (ISS) utilizing the United States Laboratory "Destiny" module science window and the Window Observational Research Facility (WORF). The Lab Window is the highest optical quality window ever installed on a manned space vehicle and permits the use of high resolution cameras and multi and hyper-spectral Earth science remote sensing instruments from within the pressurized volume of the ISS which eliminates the expense and complexity of having to operate an instrument outside of the ISS in the vacuum of space at extreme temperatures. The WORF provides the stable platform on which to mount cameras and sensors at the Lab Window as well as the connectivity to operate these payloads. The video is hosted by Astronaut and Lab Window/WORF developer Mario Runco who flew three Space Shuttle missions, STS-44, 54, & 77.	Transcript Link

2010 05 23	NASA Johnson	https://youtu.be/g5Cz7wpidPg	STS-132 Flyaround	Space shuttle Atlantis performs a flyaround of the International Space Station after undocking at 11:22 a.m. EDT on Sunday, May 23, 2010.	Transcript Link
2010 05 04	NASA Johnson	https://youtu.be/XNFDY-DcXDs	The Road to Pad Abort 1	At the White Sands Missile Range in Las Cruces, N.M., engineers and technicians are preparing for the Pad Abort 1 flight test. The Launch Abort System is a sophisticated new rocket tower designed to pull a spacecraft away from danger on the pad and initial ascent. For the first time, all the components of the system will work together. The test not only develops core technology needed for future spacecraft, but also directly improves the chances of crew survival in an emergency.	Transcript Link
2010 05 03	NASA Johnson	https://youtu.be/ofii_P7XS_E	STS-132 Mission Overview	Atlantis 12-day mission will deliver the Russian-built Mini Research Module-1 that will provide additional storage space and a new docking port for Russian Soyuz and Progress spacecraft. MRM-1, also known as Rassvet, which means dawn in Russian, will be permanently attached to the bottom port of the stations Zarya module. MRM-1 will carry important hardware on its exterior including a radiator, airlock and a European robotic arm. Atlantis also will deliver additional station hardware stored inside a cargo carrier. Three spacewalks are planned to stage spare components outside the station, including six spare batteries, a Ku-band antenna and spare parts for the Canadian Dextre robotic arm. Shuttle mission STS-132 is the final scheduled flight for Atlantis.	Transcript Link
2010 04 19	NASA Johnson	https://youtu.be/f9TLiR0LbGY	STS-131 Mission Video Highlights	Highlights of space shuttle Discovery's mission to the International Space Station are presented in images and video.	Transcript Link

2010 04 16	NASA Johnson	https://youtu.be/qFWZERMNC1k	STS-131 Ascent Highlights	Space shuttle Discovery and the STS-131 crew begin the journey to the International Space Station on April 5, 2010.	Transcript Link
2010 04 07	NASA Johnson	https://youtu.be/Kl1X4lcl9c0	Station Crew Welcomes STS-131	The Expedition 23 crew welcomes the STS-131 crew aboard the International Space Station.	Transcript Link
2010 04 07	NASA Johnson	https://youtu.be/5AlBhxYKRLw	STS-131 Rendezvous Pitch Maneuver	Discovery performs the Rendezvous Pitch Maneuver before docking to the International Space Station during the STS-131 mission.	Transcript Link
2010 03 23	NASA Johnson	https://youtu.be/9MYHb2u6yGc	The NASA Intern Experience (with help from a space suit technician)	These are the stories of REAL interns working at NASA's Johnson Space Center. But to tell everyone about their amazing experiences, we needed a little help.... Although they may work on trajectories, structures, hypersonic fluid flow, rocket engines, robots, or space suits during the day, the co-ops at NASA are more than just engineers. They are more than mere nerds. They are ambassadors to their generation for NASA. They can sing. They can dance. They can even rap (OK, not really). These videos were made by the co-ops at NASA on their own time, with their own resources. They care deeply about America's space program, and they want to help you get more involved with NASA's activities.	Transcript Link

2010 03 15	NASA Johnson	https://youtu.be/xa-VwQczPrE	The NASA Intern Experience (with help from a Food Lab scientist)	These are the stories of REAL interns working at NASA's Johnson Space Center. But to tell everyone about their amazing experiences, we needed a little help.... Although they may work on trajectories, structures, hypersonic fluid flow, rocket engines, robots, or space suits during the day, the co-ops at NASA are more than just engineers. They are more than mere nerds. They are ambassadors to their generation for NASA. They can sing. They can dance. They can even rap (OK, not really). These videos were made by the co-ops at NASA on their own time, with their own resources. They care deeply about America's space program, and they want to help you get more involved with NASA's activities.	Transcript Link
2010 03 08	NASA Johnson	https://youtu.be/Kpvrr11rF3U	The NASA Intern Experience (with help from a flight director)	These are the stories of REAL interns working at NASA's Johnson Space Center. But to tell everyone about their amazing experiences, we needed a little help.... Although they may work on trajectories, structures, hypersonic fluid flow, rocket engines, robots, or space suits during the day, the co-ops at NASA are more than just engineers. They are more than mere nerds. They are ambassadors to their generation for NASA. They can sing. They can dance. They can even rap (OK, not really). These videos were made by the co-ops at NASA on their own time, with their own resources. They care deeply about America's space program, and they want to help you get more involved with NASA's activities.	Transcript Link
2010 02 26	NASA Johnson	https://youtu.be/2kVjsS0O22U	The NASA Intern Experience (with help from an astronaut)	These are the stories of REAL interns working at NASA's Johnson Space Center. But to tell everyone about their amazing experiences, we needed a little help.... Although they may work on trajectories, structures, hypersonic fluid flow, rocket engines, robots, or space suits during the day, the co-ops at NASA are more than just engineers. They are more than mere nerds. They are ambassadors to their generation for NASA. They can sing. They can dance. They can even rap (OK, not really). These videos were made by the co-ops at NASA on their own time, with their own resources. They care deeply about America's space program, and they want to help you get more involved with NASA's activities.	Transcript Link
2010 02 20	NASA Johnson	https://youtu.be/BmWIftaQFP8	STS-130 Flyaround -- Views of the Space Shuttle	Cameras from the International Space Station videotaped space shuttle Endeavour during a flyaround after undocking Friday, Feb.19, 2010 at 7:54 p.m. EST.	Transcript Link

2010 02 20	NASA Johnson	https://youtu.be/NK-szgxCqx0	STS-130 Flyaround -- Views of the International Space Station	Space shuttle Endeavour astronauts videotaped the International Space Station during a flyaround after undocking Friday, Feb.19, 2010 at 7:54 p.m. EST.	Transcript Link
2010 02 19	NASA Johnson	https://youtu.be/EPzL4Iatdmk	STS-130 Mission Video Highlights	Highlights of space shuttle Endeavour's mission to the International Space Station are presented in images and video.	Transcript Link
2010 02 18	NASA Johnson	https://youtu.be/VEDLASr3QN0	STS-130 Ascent Highlights	Space shuttle Endeavour and the STS-130 crew begin the journey to the International Space Station on Feb. 8, 2010.	Transcript Link
2010 02 13	NASA Johnson	https://youtu.be/ZPA4OEsUCPk	STS-130 Twitter Event	Mission Specialists Nicholas Patrick and Robert Behnken participate in a Twitter event with spacecraft communicator Michael Massimino.	Transcript Link

2010 02 10	NASA Johnson	https://youtu.be/LIyANs-h_Q	STS-130 RPM Maneuver	Space shuttle Endeavour with the STS-130 crew performs the rendezvous pitch maneuver, or back flip, prior to docking to the International Space Station. The Expedition 22 crew members took photographs of the shuttle's heat shield during Endeavour's back flip. The photos were sent down to Earth for analysis.	Transcript Link
2010 02 03	NASA Johnson	https://youtu.be/1nk3QB3g7dk	STS-130 Mission Overview	STS-130 mission overview animation depicting mission events from heat shield surveys, approach, rendezvous pitch maneuver, docking, tranquility installation, spacewalks, undocking and late inspection.	Transcript Link
2010 01 29	NASA Johnson	https://youtu.be/sI8ldDyr3G0	Space Station Reboost	Astronaut Jeff Williams demonstrates the acceleration experienced inside the cabin during a planned International Space Station reboost on January 24, 2010. The ISS is reboosted periodically to maintain its orbit, and to prepare for visiting spacecraft, such as the space shuttle and Progress vehicles.	Transcript Link
2010 01 27	NASA Johnson	https://youtu.be/17Lt0qCxtvs	Astronaut Jeff Williams Answers More of Your Questions	Expedition 22 Commander Jeff Williams, aboard the International Space Station 220 miles above Earth, responds to your questions. This time he explains the flashes of light that astronauts sometimes "see" when they close their eyes. He also talks about what it's like spending six months aboard the space station.	Transcript Link

2010 01 27	NASA Johnson	https://youtu.be/rU2IrjRidvc	Astronaut Jeff Williams Answers Your Questions	Expedition 22 Commander Jeff Williams, aboard the International Space Station 220 miles above Earth, responds to your questions. Here he explains why the station re-orients itself when the shuttle is docked to it. He also talks about the recent Monarch butterfly experiment.	Transcript Link
2010 01 26	NASA Johnson	https://youtu.be/313FjEI1kvQ	Astronauts Access Web From Space	Aboard the International Space Station, Expedition 22 Commander Jeff Williams and Flight Engineers Soichi Noguchi and T.J. Creamer share their thoughts about Internet access from space and post a real-time "tweet" on Twitter.	Transcript Link
2009 12 21	NASA Johnson	https://youtu.be/rELAhnWG98U	Constellation Year in Review 2009	A recap of the major events in the Constellation program for 2009	Transcript Link
2009 12 16	NASA Johnson	https://youtu.be/_hR7dcPWW2c	In This Orbital Outpost...We Are the Experiment	Astronaut Jeff Williams mounts two HD camcorders together and gives an interesting perspective flying through the International Space Station (ISS). Williams is commander for Expedition 22 aboard the ISS.	Transcript Link

2009 12 02	NASA Johnson	https://youtu.be/ewLLBalvehg	STS-129 Ascent Highlights	Space shuttle Atlantis ascent highlights from the STS-129 mission to the International Space Station.	Transcript Link
2009 12 01	NASA Johnson	https://youtu.be/WN0dIloI2yA	Expedition 21 Undocking	The Soyuz TMA-15 spacecraft carrying Expedition 21 Flight Engineer and Soyuz Commander Roman Romanenko, European Space Agency Flight Engineer Frank De Winne and Canadian Space Agency Flight Engineer Robert Thirsk undocks from the International Space Station.	Transcript Link
2009 11 25	NASA Johnson	https://youtu.be/C4vncl39wuw	STS-129 Space Shuttle Atlantis ISS Fly Around	Space shuttle Atlantis flies around the International Space Station after undocking.	Transcript Link
2009 11 12	NASA Johnson	https://youtu.be/o1 kyee0qM	Ask Astronaut Jeff Williams Post a Video Response	Astronaut Jeff Williams, aboard the International Space Station 220 miles above Earth, is taking your questions. Post a video response with your question. Williams' schedule will not allow him to answer many questions, but he will attempt to answer a few each week.	Transcript Link

2009 11 09	NASA Johnson	https://youtu.be/1IUK_LhyUu4	129 Behind The Scenes	Transcript Link
2009 11 09	NASA Johnson	https://youtu.be/8X0axpmSMvg	STS-129 Behind The Scenes	Transcript Link
2009 11 09	NASA Johnson	https://youtu.be/Wa3qupfqu6M	STS-129 The Bench Review	Transcript Link
2009 11 09	NASA Johnson	https://youtu.be/TuBWInVYoFs	STS-129 Behind The Scenes	Transcript Link

2009 11 09	NASA Johnson	https://youtu.be/IxeaUK5yAgU	STS-129 Behind The Scenes	Transcript Link
2009 11 09	NASA Johnson	https://youtu.be/GdSbweadVi0	STS 129 Determination	Transcript Link
2009 11 09	NASA Johnson	https://youtu.be/Tw029AAzjR4	STS 129 Prep & Post	Transcript Link
2009 11 09	NASA Johnson	https://youtu.be/9C_ZO26hnW0	STS-129 Suit Up and The Hall	Transcript Link

2009 10 23	NASA Johnson	https://youtu.be/cd--3KgoUzo	Orion Pad Abort-1 Launch Abort System Flight Test	Orion Pad Abort-1 Launch Abort System Flight Test	Transcript Link
2009 10 21	NASA Johnson	https://youtu.be/zff7_8h-22w	If the Suit Fits	Astronaut Commander Scott Kelly, slated to launch aboard Soyuz for a six-month stay onboard the International Space Station next year, gets suited up into his Sokol launch and entry suit for a pressuized fit check at the Zvezda facility in Moscow. Follow Astronaut Scott Kelly on twitter! http://www.twitter.com/stationcdrkelly	Transcript Link
2009 10 08	NASA Johnson	https://youtu.be/JgTdot1Fes4	Constellation Flight Tests	Narrated production explaining the process of flight tests and how the Constellation program has now entered this phase of development. Combines the following three features into one: Test as you Go, Ares I-X, Pad Abort 1.	Transcript Link
2009 10 08	NASA Johnson	https://youtu.be/W_OOiXZxdWs	Constellation Flight Tests Mini Feature Test as you Go	The program focuses on Test as you Go, a design philosophy that NASA has used from the early days of Apollo. Components of a spacecraft are tested individually first, then later brought together for an integrated flight test.	Transcript Link

2009 10 08	NASA Johnson	https://youtu.be/oO9k9JbHFPs	Constellation Flight Tests Mini Feature Pad Abort 1	This video features Pad Abort 1, the test of the Orions Launch Abort System. Historic HD footage of NASAs past rocket development is interspersed with new Constellation footage to illustrate how engineers continue to use tried and true methods to overcome the challenges of spaceflight.	Transcript Link
2009 10 08	NASA Johnson	https://youtu.be/KZVeH08uGGU	Constellation Flight Tests Mini Feature Ares I-X	The spotlight moves to the Ares 1-X vehicle, the first full scale, unmanned flight test of the rocket that will one day launch the crew into space. Video from Kennedy Space Center of the vehicles construction is featured as well as animation explaining the flight.	Transcript Link
2009 10 02	NASA Johnson	https://youtu.be/56Wrog2sJS4	The Expedition 21 Crew Enters the International Space Station	The newest station crew members entered the station after opening the hatches between the two spacecraft at 6:57 a.m. Friday, Oct. 2, 2009.	Transcript Link
2009 10 02	NASA Johnson	https://youtu.be/hxiB7PByPHQ	Expedition 21 Crew Docks at the International Space Station	Flight Engineers Jeff Williams and Maxim Suraev along with spaceflight participant Guy Laliberté have arrived at the International Space Station. They docked their Soyuz TMA-16 to the aft end of the Zvezda service module at 4:35 a.m. EDT Friday Oct. 2, 2009.	Transcript Link

2009 09 29	NASA Johnson	https://youtu.be/iniGwVNRrnU	Launch Preparations with Astronaut Jeff Williams	Astronaut Jeff Williams talks about how the Expedition 21 crew prepares for its launch to the International Space Station.	Transcript Link
2009 09 29	NASA Johnson	https://youtu.be/tcQ2xjLB2jA	Expedition 21 Gets Ready to Launch	The Expedition 21 crew gets ready to launch to the International Space Station aboard their Russian Soyuz spacecraft.	Transcript Link
2009 09 28	NASA Johnson	https://youtu.be/wiQo4siQXyo	Astronauts train to fix leaks in space	Astronaut Jeff Williams and Cosmonaut Maxim Suraev at NASA's Johnson Space Center perform emergency leak procedures to repair leaks in space. Williams, and Suraev arrive at the International Space Station on October 2, 2009 after launching from Baikonur Cosmodrome in Kazakhstan.	Transcript Link
2009 09 23	NASA Johnson	https://youtu.be/v9rjBbZfLuY	Fits like an EVA glove.	Astronaut Jeff Williams does the final fit check for his custom EVA gloves at NASA's Johnson Space Center. Williams will conduct EVAs during his mission aboard the International Space Station. Jeff Williams arrives at the International Space Station on October 2, 2009 after launching from Baikonur Cosmodrome in Kazakhstan.	Transcript Link

2009 09 21	NASA Johnson	https://youtu.be/t1zacVNO8Ng	Training to hook up the space station with Japan's HTV	Astronauts Jeff Williams and Nicole Stott train on robotic operations in the virtual reality lab at NASA's Johnson Space Center to support grapple of Japan's cargo transfer vehicle HTV. Nicole Stott captured the HTV in space using Canada's Canadarm2 on the International Space Station on September 17, 2009. Jeff Williams arrives at the International Space Station on October 2, 2009 after launching from Baikonur Cosmosdrome in Kazakhstan.	Transcript Link
2009 09 08	NASA Johnson	https://youtu.be/XdUPMk7H4R0	Space Shuttle Discovery Flies Around the International Space Station	Space shuttle Discovery flies around the International Space Station after undocking Tuesday, Sept. 8. The STS-128 and Expedition 20 crews conducted eight days of joint operations that included cargo transfers and three spacewalks.	Transcript Link
2009 09 08	NASA Johnson	https://youtu.be/gHkxdjVAmUU	STS-128 and Expedition 20 Crew Farewell	The STS-128 and Expedition 20 crews bid each other farewell before closing the hatches between the two spacecraft.	Transcript Link
2009 09 06	NASA Johnson	https://youtu.be/nphbNjIPpH8	Final STS-128 Spacewalk Activities	Spacewalkers Danny Olivas and Christer Fuglesang work outside the International Space Station during the third and final STS-128 spacewalk. Their tasks included installing a payload attachment system, removing a failed rate gyro assembly, installing two GPS antennas and routing avionics cables.	Transcript Link

2009 09 04	NASA Johnson	https://youtu.be/J2fMesERgDc	STS-128 Second Spacewalk Activities	Spacewalkers Danny Olivas and Christer Fuglesang work outside the International Space Station during the second of three STS-128 spacewalks.	Transcript Link
2009 09 03	NASA Johnson	https://youtu.be/EyBBPy9To6c	STS-128 Crew Answers Your Questions From Space %235	STS-128 Mission Specialist Jose Hernandez answers the question, "Have you ever passed by a meteorite field or space garbage? What has happened?"	Transcript Link
2009 09 03	NASA Johnson	https://youtu.be/fHZDjW6_ark	STS-128 Crew Answers Your Questions From Space %234	STS-128 Mission Specialist Danny Olivas answers the question, "How do you know if your spacesuit is broken?"	Transcript Link
2009 09 03	NASA Johnson	https://youtu.be/LHQ7pm1xr3A	STS-128 Crew Answers Your Questions From Space %233	STS-128 Mission Specialist Danny Olivas answers the question, "How do you counteract being disoriented in space?"	Transcript Link

2009 09 03	NASA Johnson	https://youtu.be/AkuWk57RRfI	STS-128 Crew Answers Your Questions From Space %232	STS-128 Mission Specialist Danny Olivas answers the question, "How different is it sleeping in space vs. sleeping on Earth?"	Transcript Link
2009 09 03	NASA Johnson	https://youtu.be/Hj_8L_qcEPI	STS-128 Crew Answers Your Questions From Space %231	STS-128 Mission Specialist Jose Hernandez answers the question, "What is the objective of the International Space Station?"	Transcript Link
2009 09 03	NASA Johnson	https://youtu.be/JhY_I4kwYv0	STS-128 Crew Answers Your Questions From Space %236	STS-128 Mission Specialist Jose Hernandez answers the question, "With your unique perspective on the world from orbit, what advice can you give to the next generation of scientific thinkers as they enter adulthood?"	Transcript Link
2009 08 29	NASA Johnson	https://youtu.be/zWZEHQ8WFdA	Space Shuttle Discovery Launches Beginning the STS-128 Mission	Space shuttle Discovery launches beginning the STS-128 mission. The launch video covers the space shuttle seconds before launch till moments after solid rocket booster separation. Discovery is delivering life support racks, science racks and a new crew member to the International Space Station .	Transcript Link

2009 08 17	NASA Johnson	https://youtu.be/t1yEogtoKUU	STS-128 Preflight Briefing Animation	STS-128 preflight animation with overviews and mission events from heat shield surveys, approach, rendezvous pitch maneuver, docking, leonardo berth and unberth, spacewalks, undocking and late inspection.	Transcript Link
2009 08 14	NASA Johnson	https://youtu.be/8scBWZ_0H50	Pregúntale a un Astronauta Pon un video de Respuesta	El Astronauta y especialista en misiones espaciales de la NASA Jose Hernandez y sus compañeros de tripulación de la próxima misión de el transbordador espacial, pronto dejaran Tierra para ir a la Estación Espacial Internacional. El Astronauta Jose a estado tweeting sus últimos días de entrenamiento en Ingles y Español atraves de Twitter. El junto con sus compañeros ahora también responderán a preguntas bilingüe en vivo desde el espacio. Mándanos tus preguntas en Ingles o en Español poniendo un video de aproximadamente 30 segundos como respuesta a este video en YouTube. Cada semana varias preguntas serán seleccionadas para ser contestadas en vivo desde órbita por la tripulación. Durante esta misión tus preguntas y las respuestas de los astronautas serán transmitidas desde el espacio a toda la nación por el canal de NASA. Los astronautas están listos para volar y anticipando poder compartir el entusiasmo con todos ustedes.	Transcript Link
2009 08 14	NASA Johnson	https://youtu.be/jlgIHKenUBw	Ask Astronaut Jose Hernandez and Crew POST A VIDEO RESPONSE		Transcript Link

2009 07 31	NASA Johnson	https://youtu.be/zpzAVDBNjko	Pregúntale a un Astronauta Pon un video de Respuesta	El Astronauta y especialista en misiones espaciales de la NASA Jose Hernandez y sus compañeros de tripulación de la próxima misión de el transbordador espacial, pronto dejaran Tierra para ir a la Estación Espacial Internacional. El Astronauta Jose a estado tweeting sus últimos días de entrenamiento en Ingles y Español atraves de Twitter. El junto con sus compañeros ahora también responderán a preguntas bilingüe en vivo desde el espacio. Mándanos tus preguntas en Ingles o en Español poniendo un video de aproximadamente 30 segundos como respuesta a este video en YouTube. Cada semana varias preguntas serán seleccionadas para ser contestadas en vivo desde órbita por la tripulación. Durante esta misión tus preguntas y las respuestas de los astronautas serán transmitidas desde el espacio a toda la nación por el canal de NASA. Los astronautas están listos para volar y anticipando poder compartir el entusiasmo con todos ustedes.	Transcript Link
2009 07 23	NASA Johnson	https://youtu.be/6mzcD_zupbc	Constellation Quarterly Report (June 2009)	Constellation Quarterly Report (June 2009)	Transcript Link
2009 07 22	NASA Johnson	https://youtu.be/T7wC2mHStro	Desert RATS 2008	The 2008 Desert Research and Technology Studies (Desert RATS) tests at Black Point Lava Flow in Arizona.	Transcript Link
2009 07 21	NASA Johnson	https://youtu.be/uGyNcwkZ6HU	STS-127 Crew Answers Your Questions From Space %2311	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Mission Specialist Julie Payette answers the question, "Would you like to go in space with your family if it could be safe enough?"	Transcript Link

2009 07 21	NASA Johnson	https://youtu.be/Rnh7CehuaGM	STS-127 Crew Answers Your Questions From Space %2310	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Commander Polansky answers the question, "How do you feel being in a selective group?"	Transcript Link
2009 07 21	NASA Johnson	https://youtu.be/1HDVqxKqt_Q	STS-127 Crew Answers Your Questions From Space %239	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Mission Specialist Dave Wolf answers the question, "What type of experiments will you be doing when you get to the ISS?"	Transcript Link
2009 07 21	NASA Johnson	https://youtu.be/-jWsAZwA9ME	STS-127 Crew Answers Your Questions From Space %238	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Mission Specialist Julie Payette answers the question, "What do you see when you look at Earth from space, and how do you feel?"	Transcript Link
2009 07 21	NASA Johnson	https://youtu.be/c6kHaIy_nsE	STS-127 Crew Answers Your Questions From Space %237	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Pilot Doug Hurley answers the question, "What will you be doing while we are watching the launch?"	Transcript Link

2009 07 21	NASA Johnson	https://youtu.be/95swrZs1HCM	STS-127 Crew Answers Your Questions From Space %236	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Commander Mark Polansky answers the question, "Can you describe what an astronaut might hear in space?"	Transcript Link
2009 07 21	NASA Johnson	https://youtu.be/0hiu7IaIWds	STS-127 Crew Answers Your Questions From Space %235	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Mission Specialist Dave Wolf answers the question, "If youre in a spacesuit, especially on an EVA, and you have to sneeze, how do you deal with that, especially if it splatters? Also, if your nose itches while youre in a spacesuit, how do you deal with that?"	Transcript Link
2009 07 21	NASA Johnson	https://youtu.be/a3obOb8Vn8M	STS-127 Crew Answers Your Questions From Space %234	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Mission Specialist Julie Payette answers the question, "Do you like your job being an astronaut? And whats it like living in space?"	Transcript Link
2009 07 21	NASA Johnson	https://youtu.be/bM9zGz0EOlw	STS-127 Crew Answers Your Questions From Space %233	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. STS-127 Pilot Doug Hurley answers the question, "While youre in space, what do you do in your spare time?"	Transcript Link

2009 07 21	NASA Johnson	https://youtu.be/1g_PjqpL9Z4	STS-127 Crew Answers Your Questions From Space %232	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Mission Specialist Dave Wolf answers the question, "What would happen if you were to fly into a black hole?"	Transcript Link
2009 07 21	NASA Johnson	https://youtu.be/5Y2Axi9ETxM	STS-127 Crew Answers Your Questions From Space %231	NASA Astronaut Mark Polansky and the STS-127 crew aboard space shuttle Endeavour respond to questions submitted on YouTube. Commander Polansky answers the question, "What's the best thing about being in space?"	Transcript Link
2009 07 17	NASA Johnson	https://youtu.be/8il6rx-9a3c	Apollo 11 Introduction	This montage video shows highlights from the Apollo 11 mission, from liftoff in Florida to departure from the moon.	Transcript Link
2009 07 17	NASA Johnson	https://youtu.be/1J9H3niSXj8	Raising The American Flag	Neil Armstrong and Buzz Aldrin raise the American flag on the moon. The video compares existing footage with the partially restored video. The thumbnail image shows the new footage on the left and the old on the right.	Transcript Link

2009 07 17	NASA Johnson	https://youtu.be/q84fSH9g5dk	Apollo 11 Plaque	Neil Armstrong reads a commemorative plaque affixed to the Apollo 11 lunar module. The video compares existing footage with the partially restored video. The thumbnail image shows the new footage on the left and the old on the right.	Transcript Link
2009 07 17	NASA Johnson	https://youtu.be/na0scpoRBO0	One Small Step	This video shows Neil Armstrong climbing down the lunar module ladder to the lunar surface. The video compares existing footage with the partially restored video. The thumbnail image shows the new footage on the left and the old on the right.	Transcript Link
2009 07 17	NASA Johnson	https://youtu.be/FepUv3vmIM8	Buzz Aldrin Sets Foot on the Moon	This video shows Buzz Aldrin descending the lunar module ladder. The video compares existing footage with the partially restored video. The thumbnail image shows the new footage on the left and the old on the right.	Transcript Link
2009 07 17	NASA Johnson	https://youtu.be/hxPbnFc7iU8	Apollo 11 Moonwalk Montage	This two-minute video montage shows highlights of the Apollo 11 moonwalk.	Transcript Link

2009 07 16	NASA Johnson	https://youtu.be/Y6cCePwe7y0	Endeavour Soars into Space!	Space shuttle Endeavour launches from Kennedy Space Center, Fla., on July 15, 2009, to begin the STS-127 mission to the International Space Station. The shuttle crew will complete construction of the Japan Aerospace Exploration Agency's Kibo laboratory and deliver a new crew member to the orbital outpost.	Transcript Link
2009 06 03	NASA Johnson	https://youtu.be/VxcRkmi0kso	sts125 flyover	A modified Boeing 747 Shuttle Carrier Aircraft carrying the Space Shuttle Atlantis flew by NASAs White Sands Test Facility June 1, 2009. It was on its way to Biggs Army Air Field in El Paso, Texas from Edwards Air Force Base in California on the first leg of its journey back to NASAs Kennedy Space Center. Atlantis landed at Edwards May 24 following the STS-125 Hubble Space Telescope servicing mission.	Transcript Link
2009 05 20	NASA Johnson	https://youtu.be/DwpObdVfSa8	Astronaut Mike Fincke Welcomes You To ReelNASA on YouTube	Astronaut Mike Fincke welcomes you to our YouTube channel Reel NASA, where you get the real story about space exploration. At Reel NASA, you can learn about the people, science and technologies behind the space program; you get an inside look from the ground up at what it takes to live and work in space now and in the future, and you can even ask questions in a series we're running called, "Ask an Astronaut We're on YouTube because we want to help you know what's happening at NASA and in space - and so that we can explore your ideas about reaching new worlds to make the world on which we live better. Get off this planet, give me my space! Check us out on www.youtube.com/ReelNASA!	Transcript Link
2009 05 14	NASA Johnson	https://youtu.be/QUJw22gHmYM	Atlantis visits Hubble Flight Day 2 Highlights		Transcript Link

2009 05 14	NASA Johnson	https://youtu.be/Cziu4wMu880	Got it! Atlantis Has a Hold on Hubble		Transcript Link
2009 05 08	NASA Johnson	https://youtu.be/e16eXXAoisg	Shuttle Commander Takes Video Questions In Space - POST VIDEO RESPONSE!	NASA astronaut Mark Polansky, commander of the next space shuttle mission to the International Space Station, is sharing the final weeks of his training on Twitter. Polansky invites YOU to submit questions that he will answer from orbit during his mission, STS-127, targeted to launch in June. Questions should be submitted in the form of a video not longer than 30 seconds, posted to YouTube, and a link to the video sent to Polansky's twitter account at: http://twitter.com/Astro_127 Questions will be selected each week to be among those Polansky will answer from space, live on NASA Television. The questions that have been selected will be announced on his Twitter feed each week. Questions selected to answer from space will be posted to nasa.gov and broadcast during the live event on NASA TV. Polansky has already selected the first question to answer from space. Get your question answered too!	Transcript Link
2009 04 16	NASA Johnson	https://youtu.be/wlyuwC8CMxI	Behind the Scenes of Designing Lunar Living Spaces	Robert Howard Jr., manager of the Habitability Design Center at Johnson Space Center, is aiming to help crews be comfortable and productive during NASAs missions back to the moon.	Transcript Link
2009 04 10	NASA Johnson	https://youtu.be/kmZFbxt5WBQ	Our Place in Space Propulsion at Purdue	A talented group of students at Purdue University are hoping to walk in the footsteps of fellow alumni Neil Armstrong and Gene Cernan. NASA's Constellation University Institutes Project is putting them on the right track.	Transcript Link

2009 03 26	NASA Johnson	https://youtu.be/xNYFlxLgH04	STS-119 Flyaround	Space shuttle Discovery flies around the orbiting orbiting International Space Station after undocking.	Transcript Link
2009 03 25	NASA Johnson	https://youtu.be/5risLyeWcic	STS-119 The Motion of Space	Members of the STS-119 and Expedition 18 crews take advantage of the microgravity environment of space to get where they are going and get things done.	Transcript Link
2009 03 25	NASA Johnson	https://youtu.be/GcJGof6sIgE	STS-119 Crew Farewell	The STS-119 and Expedition 18 crews bid one another farewell before closing hatches between the International Space Station and space shuttle Discovery.	Transcript Link
2009 03 25	NASA Johnson	https://youtu.be/3AXwJ_umiFo	President Barack Obama Speaks to the Shuttle and Station Crews, Part 4	Please visit http://www.nasa.gov/station for the full-length captioned video. From the White House, President Barack Obama, members of Congress and students, speak to the STS-119 and Expedition 18 crew members aboard the International Space Station.	Transcript Link

2009 03 25	NASA Johnson	https://youtu.be/_tZX2HUG_qs	President Barack Obama Speaks to the Shuttle and Station Crews, Part 1	Please visit http://www.nasa.gov/station for the full-length captioned video. From the White House, President Barack Obama, members of Congress and students, speak to the STS-119 and Expedition 18 crew members aboard the International Space Station.	Transcript Link
2009 03 25	NASA Johnson	https://youtu.be/rLZoTAY3MDc	President Barack Obama Speaks to the Shuttle and Station Crews, Part 2	Please visit http://www.nasa.gov/station for the full-length captioned video. From the White House, President Barack Obama, members of Congress and students, speak to the STS-119 and Expedition 18 crew members aboard the International Space Station.	Transcript Link
2009 03 25	NASA Johnson	https://youtu.be/9X92RvFxt8c	President Barack Obama Speaks to the Shuttle and Station Crews, Part 6	Please visit http://www.nasa.gov/station for the full-length captioned video. From the White House, President Barack Obama, members of Congress and students, speak to the STS-119 and Expedition 18 crew members aboard the International Space Station.	Transcript Link
2009 03 25	NASA Johnson	https://youtu.be/rEPK4Yw5Ics	President Barack Obama Speaks to the Shuttle and Station Crews, Part 5	Please visit http://www.nasa.gov/station for the full-length captioned video. From the White House, President Barack Obama, members of Congress and students, speak to the STS-119 and Expedition 18 crew members aboard the International Space Station.	Transcript Link

2009 03 25	NASA Johnson	https://youtu.be/Wd1xr7XvYE8	President Barack Obama Speaks to the Shuttle and Station Crews, Part 3	Please visit http://www.nasa.gov/station for the full-length captioned video. From the White House, President Barack Obama, members of Congress and students, speak to the STS-119 and Expedition 18 crew members aboard the International Space Station.	Transcript Link
2009 03 23	NASA Johnson	https://youtu.be/DYkDzPAhC3Y	STS-119 Flight Day 8 Highlights	Shuttle and station astronauts discuss their activities during flight day 8 of STS-119.	Transcript Link
2009 03 22	NASA Johnson	https://youtu.be/0ue85np82C8	STS-119 Exercising in Space	See what it's like to exercise in space with the STS-119 and Expedition 18 crews.	Transcript Link
2009 03 21	NASA Johnson	https://youtu.be/861EPmdpmRU	Radio Exercise	STS-119 crew wake-up call, Flight Day 3 -- "Radio Exercise" performed by the Tokyo Broadcast Children's Choir was played for Koichi Wakata.	Transcript Link

2009 03 21	NASA Johnson	https://youtu.be/lg3sMZPO7FA	Free Bird!	STS-119 crew wake-up call, Flight Day 2 -- "Free Bird" by Lynyrd Skynyrd was played for Pilot Tony Antonelli.	Transcript Link
2009 03 18	NASA Johnson	https://youtu.be/7UnweHNYMR4	119welcome	STS-119 hatch opening and crew welcome ceremony	Transcript Link
2009 03 17	NASA Johnson	https://youtu.be/_7cDEwIdOBA	STS-119 Rendezvous Pitch Maneuver	Space shuttle Discovery performs a back flip prior to docking to the space station.	Transcript Link
2009 02 20	NASA Johnson	https://youtu.be/yJx_8dGLhJA	Everest Video Teaser	Video Introduction to astronaut Scott Parazynski's trek to Mount Everest.	Transcript Link

2009 02 10	NASA Johnson	https://youtu.be/mHqmdWFWMQs	Constellation University Institutes Project - University of Alabama Huntsville	An aspiring group of students at UA Huntsville have the childhood dreams of becoming rocket scientists. NASA's Constellation University Institutes Project is giving them the opportunity to make their dreams a reality.	Transcript Link
2009 02 06	NASA Johnson	https://youtu.be/rpyfE_FB2hY	Station Commander Waves Terrible Towel for Super Bowl	While wishing both Super Bowl XLIII teams good luck, Expedition 18 Commander and Pittsburgh native Mike Fincke throws his support behind the Steelers.	Transcript Link
2008 12 11	NASA Johnson	https://youtu.be/lqt9_9np4-8	NASA in Motion	There is a fine line between dreams and reality, its up to you to draw it. B. Quilliam Although they may work on trajectories, structures, hypersonic fluid flow, rocket engines, robots, or space suits during the day, the co-ops at NASA are more than just engineers. They are more than mere nerds. They are ambassadors to their generation for NASA. They can sing. They can dance. They are artists. These videos were made by the co-ops at NASA on their own time, with their own resources. They care deeply about America's space program, and they want to help you get more involved with NASA's activities.	Transcript Link
2008 11 25	NASA Johnson	https://youtu.be/lwWNtd2moXs	Third Space Trek for STS-126	Astronauts Heidemarie Stefanyshyn-Piper and Steve Bowen completed the third spacewalk of Endeavours mission to the International Space Station. The spacewalk began at 12:01 p.m. CST and ended at 6:58 p.m. for a total time of six hours and 57 minutes. Piper and Bowen focused their efforts on the continued cleaning of the stations starboard solar alpha rotary joint (SARJ) and the removal and replacement of the remaining trundle bearing assemblies (TBA). Today, Piper replaced three TBAs and Bowen replaced two. Five have been replaced during the missions prior two spacewalks, and one was replaced on the STS-124 mission this past summer. The two astronauts also cleaned the area around the SARJs drive lock assemblies, which help the joint to rotate and lock into place.	Transcript Link

2008 11 25	NASA Johnson	https://youtu.be/8sDc00IK7mA	A Cup of Joe in Space	Demonstration video of drinking coffee from a cup in the weightless environment of space.	Transcript Link
2008 11 25	NASA Johnson	https://youtu.be/vfq5yy7BhsM	Testing Orion's Abort Motor - Close Up	NASA and its industry partners tested the Orion spacecraft abort motor on 11/20/08. The abort system will pull Orion and the astronauts off of the Ares rocket in the event of a mishap. The test took place in Promontory, Utah.	Transcript Link
2008 11 25	NASA Johnson	https://youtu.be/e0_wwWFTOE0	Testing Orion's Abort Motor - Wide Angle	NASA and its industry partners tested the Orion spacecraft abort motor on 11/20/08. The abort system will pull Orion and the astronauts off of the Ares rocket in the event of a mishap. The test took place in Promontory, Utah.	Transcript Link
2008 11 21	NASA Johnson	https://youtu.be/eWf0Kh9kYLE	Skywalkers Continue Home Improvements in Space	Building on the first spacewalk experience of STS-126, Heide Stefanyshyn-Piper and Shane Kimbrough headed out of the International Space Stations Quest Airlock at 11:58 a.m. CST to continue the process of removing debris around the starboard Solar Alpha Rotary Joint (SARJ) and applying lubrication in an effort to eventually restore it to full functionality. The EVA ended at 6:43 p.m. for a total time of six hours and 45 minutes. As the spacewalkers were finishing up their activities, ground controllers noticed that Kimbroughs carbon dioxide levels were increasing, so he made his way back to the airlock a few minutes ahead of Piper.	Transcript Link

2008 11 21	NASA Johnson	https://youtu.be/Q0yYSnK1yIk	Happy Birthday International Space Station!	The station has traveled more than a billion miles since the first component, Zarya, launched on Nov. 20, 1998. Now the largest spacecraft ever built, the orbital assembly of the space station began with the launch from Kazakhstan of its first bus-sized component, Zarya, on Nov. 20, 1998. The launch began an international construction project of unprecedented complexity and sophistication.	Transcript Link
2008 11 21	NASA Johnson	https://youtu.be/vXOaUiDvEZw	Walking the Void	Astronauts Heidemarie Stefanyshyn-Piper and Steve Bowen completed the first of four spacewalks scheduled for Endeavours mission to the International Space Station. The spacewalk was the 115th in support of ISS construction. Piper and Bowen began the spacewalk at 12:09 p.m. CST and ended it at 7:01 p.m. They spent six hours and 52 minutes outside the station working on several tasks, including removing a depleted nitrogen tank from a stowage platform on the outside of the complex and moving it into Endeavours cargo bay. They also moved a flex hose rotary coupler from the shuttle to the station stowage platform, as well as removing some insulation blankets from the common berthing mechanism on the Kibo laboratory.	Transcript Link
2008 11 21	NASA Johnson	https://youtu.be/_w4dVPzvlMA	Come on in! Station Crew Greets STS-126 Astronauts	Expedition 18 crew greets and welcomes STS-126 crew aboard their home away from home. Sandra Magnus custom seat liner was installed in the Soyuz spacecraft docked to the station. At that time Greg Chamitoff officially became a member of Endeavours crew. He will return to Earth on the shuttle after about six months in space, most of it as a station flight engineer. Endeavour crew members, Commander Chris Ferguson, Pilot Eric Boe and mission specialists Don Pettit, Steve Bowen, Heidemarie Stefanyshyn-Piper, Shane Kimbrough and Greg Chamitoff.	Transcript Link
2008 11 21	NASA Johnson	https://youtu.be/63vhQOnZ834	Arrival Day	Endeavours approach to the station includes a photo session. When the spacecraft is about 600 feet below the station, Ferguson will fly the spacecraft through the rendezvous pitch maneuver. That nine-minute backflip lets the station crew take high resolution photos of the shuttles thermal protection system. Station Expedition 18 Commander Mike Fincke will use a digital camera with an 800 mm lens and Flight Engineer Greg Chamitoff will have a camera with a 400 mm lens. From windows of the stations Zvezda service module they will take as many as 300 photos, which will be analyzed by engineers to make sure the thermal protection system is safe for re-entry.	Transcript Link

2008 11 21	NASA Johnson	https://youtu.be/KRnPy6aU29o	Endeavour Lights the Night Sky	Space shuttle Endeavour lit the Florida night sky with a 6:55 p.m. CST launch on a mission to outfit the International Space Station for a larger crew and improve the function of a solar array rotary joint. Aboard the shuttle are Commander Chris Ferguson, Pilot Eric Boe and mission specialists Don Pettit, Steve Bowen, Heidemarie Stefanyshyn-Piper, Shane Kimbrough and Sandra Magnus. The station crew, Commander Mike Fincke and flight engineers Yury Lonchakov and Greg Chamitoff, watched the Kennedy Space Center launch on a special television feed from Mission Control. Magnus will become a station crew member, beginning a three-month stay shortly after docking. She will replace Chamitoff, who will return to Earth aboard Endeavour to end his six-month stay in space.	Transcript Link
2008 10 09	NASA Johnson	https://youtu.be/2p2Kt4L3M0Q	Ask Astronaut Greg Chamitoff That's news to me!	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Post a video response to this video with your question or submit a question at http://www.nasa.gov/ask. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. With the Olympic Games in progress, Beijing has become the focus of the news. Do you get information about the Olympics or other news? And, how does it feel to read the news while 220 miles above Earth? -- Sicong Li Taiyuan, 16, China	Transcript Link
2008 10 07	NASA Johnson	https://youtu.be/Ij8b-RSlUyc	Ask Astronaut Greg Chamitoff Station's Junk Drawer	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Post a video response to this video with your question or submit a question at http://www.nasa.gov/ask. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. Ed, 44, of Cary, North Carolina asks: "Most American households have a "junk drawer" space that collects miscellaneous "stuff" that we can't find a better place for. Is there a storage space like that on the ISS, or do you guys operate under "a place for everything, and everything in its place" rule?"	Transcript Link
2008 10 06	NASA Johnson	https://youtu.be/5bNscJamkWk	Ask Astronaut Greg Chamitoff Need a Boost	Station 220 miles above Earth, is taking your questions. Post a video response to this video or submit a question at http://www.nasa.gov/ask. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. Robert Brodeur, 53, of Chateauguay, Quebec, Canada asks: Now that the ISS is almost complete, does it require more frequent "boosting" of its orbit as compared to when it had only a few segments?	Transcript Link

2008 10 01	NASA Johnson	https://youtu.be/Mj52CgKHzHQ	Earth vs. Space Chess Match; Chamitoff Makes his Move	It will be the Earth vs. space in a unique chess match, and you can help Earth win. NASA and the U.S. Chess Federation (USCF) are teaming up to host the first public chess match between astronaut Greg Chamitoff, in orbit aboard the International Space Station, and the public. Key players in the game, set to begin on Monday, Sept. 29, will be the kindergarten through third grade U.S. Chess Championship Team and its chess club teammates from Stevenson Elementary School in Bellevue, Wash. The K-3 champions will select up to four possible moves each time it is Earth's turn, and then the public will vote on which move will be made. NASA will transmit the winning move to Chamitoff, who will respond. The USCF will facilitate the match on its web site at: http://www.uschess.org/nasa2008	Transcript Link
2008 09 30	NASA Johnson	https://youtu.be/sItKDSf0xl8	Apollo Guys	Apollo Guys pays tribute to the people in the Apollo Program who landed the first humans on the moon, as well as looks forward to the Constellation Program that will take us back to the moon, to Mars, and then beyond. Although they may work on trajectories, structures, hypersonic fluid flow, rocket engines, robots, or space suits during the day, the co-ops at NASA are more than just engineers. They are more than mere nerds. They are ambassadors to their generation for NASA. They can sing. They can dance. They can even rap (OK, not really). These videos were made by the co-ops at NASA on their own time, with their own resources. They care deeply about America's space program, and they want to help you get more involved with NASA's activities. Apollo Guys (Apologize) Watching on the screen Saturn V lifts off the ground After many sims, Flight control has got it down You say that its not easy, but Astronauts are all moonbound and wait Were watching them on TV Walking on the lunar ground and say We did it, Apollo guys	Transcript Link

2008 09 30	NASA Johnson	https://youtu.be/AiQ9dLPhfY	The Future of NASA	The Future of NASA is a picture slideshow of kids working in various roles that are needed to send humans to the moon and beyond. The kids voices, combined with music, tell the inspirational story of how they will contribute to this next giant leap for mankind. Although they may work on trajectories, structures, hypersonic fluid flow, rocket engines, robots, or space suits during the day, the co-ops at NASA are more than just engineers. They are more than mere nerds. They are ambassadors to their generation for NASA. They can sing. They can dance. They can even rap (OK, not really). These videos were made by the co-ops at NASA on their own time, with their own resources. They care deeply about America's space program, and they want to help you get more involved with NASA's activities.	Transcript Link
2008 09 30	NASA Johnson	https://youtu.be/mgSCH6q9gY8	I.S.S. Baby	A group of NASAs students collaborated to create the greatest rap video ever released by NASA. Well, its the only one, but under that definition, it is the greatest. Its also technically the worst. Take your pick, and let us know what you think! To learn more about NASA and the ISS, follow the hyperlinks included in the lyrics below. Want to know when the International Space Station or another satellite will be flying over your city? Visit NASAs sightings opportunities page! Although they may work on trajectories, structures, hypersonic fluid flow, rocket engines, robots, or space suits during the day, the co-ops at NASA are more than just engineers. They are more than mere nerds. They are ambassadors to their generation for NASA. They can sing. They can dance. They can even rap (OK, not really). These videos were made by the co-ops at NASA on their own time, with their own resources. They care deeply about America's space program, and they want to help you get more involved with NASA's activities. Lyrics: Yo JSC lets kick it ISS baby (x2) All right stop, collaborate the station NASAs back with a brand new mission	Transcript Link
2008 09 30	NASA Johnson	https://youtu.be/fNcFyRkwQYA	Ask Astronaut Greg Chamitoff It's About Time!	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Post a video response to this video or submit a question at http://www.nasa.gov/ask. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. Mauricio Londono of Colombia, South America asks: Do you use a common wristwatch on board or do you have a special one?	Transcript Link

2008 09 29	NASA Johnson	https://youtu.be/KtUNUdO2_1k	Ask Astronaut Greg Chamitoff 'The Smell of Space'	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. Owen of San Francisco asks: "They say that the sense of smell creates the strongest memories for a person. What does the ISS smell like and what scent do you miss on Earth?"	Transcript Link
2008 09 25	NASA Johnson	https://youtu.be/AutZQ-4KpEQ	Ask Astronaut Greg Chamitoff In Your Dreams	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Nancy, 51, of Florida asks: Do you have dreams when you go to sleep in the space station? If yes, is it the same compared to the ones you have on Earth?	Transcript Link
2008 09 10	NASA Johnson	https://youtu.be/veDmf1cKbmU	Ask Astronaut Greg Chamitoff Fitness and Stress in Space	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Dick Kashdin, 65, of Clarence, New York asks: What is the most stressful and the most pleasing part of your daily routine?	Transcript Link
2008 09 03	NASA Johnson	https://youtu.be/12vZSwQtmgo	Ask Astronaut Greg Chamitoff Working Hard, Hardly Working	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Chris, 13, of England asks: Is it easier to work in space than it is on the ground?	Transcript Link

2008 09 03	NASA Johnson	https://youtu.be/d_ATYPb89eA	Ask Astronaut Greg Chamitoff Scuba for Space	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Come back to ReelNASA to hear your answers! Greg, 31, of Houston asks: I am an avid scuba diver and instructor. As a diver do you feel that your scuba training or experience has had a direct influence on your level of preparedness for space flight? Safe journey!	Transcript Link
2008 09 02	NASA Johnson	https://youtu.be/x5P9mTiRQuY	Ask Astronaut Greg Chamitoff Tinkering on Orbit	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Come back to ReelNASA to hear your answers! Marc Mattiuzzo, 22, of Switzerland asks: Could you describe one of the experiments you performed on orbit and what were the results?	Transcript Link
2008 08 29	NASA Johnson	https://youtu.be/fuFftT6ZR4k	Ask Astronaut Greg Chamitoff Light a Match!	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Come back to ReelNASA to hear your answers! Donald Boyer, 66, of Ashland, Ohio asks: I have always wondered about fire in a zero gravity environment. If you could light a match in your space ship, would the match fire tip go upward as it does down here with gravity, or would it just become a round ball of fire since there is no gravity around the flame? Or, does gravity have any effect on fire?	Transcript Link
2008 08 28	NASA Johnson	https://youtu.be/uAPi0lDPI4o	Ask Astronaut Greg Chamitoff Speaking Neemo	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Come back to ReelNASA to hear your answers! Trevor, 34, of Alta Loma, Calif asks: Greg, Did your time on Aquarius help prepare you for the time you have spent on the ISS? Or is it totally different? Also, since your crewmates are Russian, do you have to speak Russian to them or do they speak English? Or is it a combination of both?	Transcript Link

2008 08 27	NASA Johnson	https://youtu.be/7NJXH5EWp3M	Ask Astronaut Greg Chamitoff A Hairy Situation	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Come back to ReelNASA to hear your answers! Ernie Childress, 39, of Pittsburgh asks: If you wanted a haircut in space, is it possible? And would you let a fellow crew member give you a trim?	Transcript Link
2008 08 26	NASA Johnson	https://youtu.be/_0VdV4-Pbh4	Ask Astronaut Greg Chamitoff Hallucinations	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Come back to ReelNASA to hear your answers! Stephan Hinz, 38, from Germany asks: I would like to know if you experience any kind of sensory dysfunctions or hallucinations, maybe like little flashes "seen" with closed eyes caused by high energy cosmic radiation?	Transcript Link
2008 08 25	NASA Johnson	https://youtu.be/-N5A0L83C_M	Ask Astronaut Greg Chamitoff Space Station Orientation	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Here's your chance to hear direct from space. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week. To submit your question, go to www.nasa.gov/ask! Come back to ReelNASA to hear your answers! Brian Watt, 42, of Phoenix asks: Why does the space station have to be in a specific orientation in order to dock to shuttle or resupply spacecrafts?	Transcript Link
2008 08 22	NASA Johnson	https://youtu.be/VaSKLKs4hk4	Ask an Astronaut Post a Video Response!	Astronaut Greg Chamitoff, aboard the International Space Station 220 miles above Earth, is taking your questions. Post a video response to this video or visit http://www.nasa.gov/ask and submit a question there. Chamitoff's schedule will not allow him to answer many questions, but he will attempt to answer a few each week.	Transcript Link

2008 08 21	NASA Johnson	https://youtu.be/pOrzI21ZF8U	Constellation What does it take	Take a look at NASA's latest public service announcement, which examines what it takes for the Constellation program to return humans to the moon.	Transcript Link
2008 07 23	NASA Johnson	https://youtu.be/UDC0EEh4YeA	Test of the Orion Launch Abort System on the Pad	The Pad Abort-1 Test will be the first of a series of flight tests of the full Orion Launch Abort System (LAS), which is being developed by NASA, Lockheed Martin and Orbital Sciences Corporation. These tests will be conducted at White Sands Missile Range in New Mexico. The LAS is a solid rocket motor system that provides a safe escape for the crew. The LAS is the first of its kind and is an extremely complex system that must, within milliseconds, be able to pull the crew module to safety away from the launch vehicle in the event of an emergency on the pad or during the initial phase of ascent.	Transcript Link
2008 06 27	NASA Johnson	https://youtu.be/wlzytubpMiE	A Look Inside Orion	America will send a new generation of explorers to the moon aboard NASA's Orion crew exploration vehicle. Making its first flights early in the next decade, Orion is part of the Constellation Program to send human explorers back to the moon, and then onward to Mars and other destinations in the solar system. This is a look inside the spacecraft as it continues through the development phase at NASA's Johnson Space Center.	Transcript Link
2008 06 07	NASA Johnson	https://youtu.be/k7jd30y6qr8	Your Wildest Dreams	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Co Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-124 crew wake-up call, Flight Day 2 -- "Your Wildest Dreams" by the Moody Blues was played for Pilot Ken Ham. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-123 @ www.nasa.gov!	Transcript Link

2008 05 31	NASA Johnson	https://youtu.be/tiGsH4xmeII	Discovery Lifts Off!	Space shuttle Discovery rocketed into space to begin a 14-day mission to attach a new scientific module to the International Space Station. Launch came at 5:02 p.m. EDT from NASA's Kennedy Space Center in Florida and set Discovery on a trajectory to intercept the space station in two days. Seven astronauts flew Discovery into space, led by Commander Mark Kelly. The pilot for the mission is Ken Ham. Karen Nyberg, Ron Garan, Mike Fossum, Gregory Chamitoff and Japan's Akihiko Hoshide are the mission specialists for the flight. Chamitoff will trade places on the station with astronaut Garrett Reisman. The group will spend most of its time in space installing the Japanese Pressurized Module to the International Space Station and then outfitting it for its work as a space science laboratory. The section is the largest habitable module for the station and is equipped with its own robotic arm. A smaller module was taken into space during a previous mission and will be moved during Discovery's mission to its permanent home atop the pressurized module. The Japanese complex is called Kibo, which is Japanese for hope.	Transcript Link
2008 05 06	NASA Johnson	https://youtu.be/fArt6k6j70k	Happy International Women's Day!	While in space, Expedition 16 Peggy Whitson, the first female commander of the International Space Station, receives a special tribute from Earth on International Women's Day.	Transcript Link
2008 04 04	NASA Johnson	https://youtu.be/L5-vPCmdlSQ	Everest Expedition 2008 The Journey Begins	Astronaut Scott Parazynski has set off for a new expediton. This time, he won't be leaving Earth.	Transcript Link

2008 03 23	NASA Johnson	https://youtu.be/aYkqQANPQxY	Everest Expedition 2008 Trailer	Astronaut Scott Parazynski soon sets off for a new expediton. This time, he won't be leaving Earth.	Transcript Link
2008 03 22	NASA Johnson	https://youtu.be/S_bn0aDorjQ	We're Going to be Friends	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Co Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-123 crew wake-up call, Flight Day 6 -- "We're Going to be Friends" by the White Stripes was played for Mission Specialist Robert L. Behnken. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-123 @ www.nasa.gov!	Transcript Link
2008 03 21	NASA Johnson	https://youtu.be/yrm0VRoUHRo	Booster Shot Endeavour's Night Launch from SRB Cams	Watch the night launch of Endeavour's launch from the unique perspective of the shuttle's solid rocket boosters!	Transcript Link
2008 03 21	NASA Johnson	https://youtu.be/68y3xl5HVmo	Hope Floats Tour Japanese Experiment Module, Kibo	STS-123 Mission Specialist Takao Doi gives a tour of the Japanese Experiment Module, Kibo, meaning "hope."	Transcript Link

2008 03 19	NASA Johnson	https://youtu.be/su4QYQdWicQ	Turn! Turn! Turn!	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Co Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-123 crew wake-up call, Flight Day 5: -- "Turn! Turn! Turn! (To Everything There is a Season)" by The Bryds was played for Mission Specialist Rick Linnehan. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-123 @ www.nasa.gov!	Transcript Link
2008 03 14	NASA Johnson	https://youtu.be/6_jR-oG1eQk	'Do it all, Have a Ball!' Mr. Saturday Night!	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Co Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-123 crew wake-up call, Flight Day 4: -- played for Mission Specialist Garret Reisman. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-123 @ www.nasa.gov!	Transcript Link
2008 03 14	NASA Johnson	https://youtu.be/IXTVju0bSdE	Godzilla Wake up	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-123 crew wake-up call, Flight Day 3: -- played for Japan Aerospace Exploration Agency Astronaut Mission Specialist Takao Doi. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-123 @ www.nasa.gov!	Transcript Link

2008 03 13	NASA Johnson	https://youtu.be/5YsZ9_9KlA	Linus & Lucy	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-123 crew wake-up call, Flight Day 2: STS-122 crew wake-up call -- Peanuts theme song was played for Mission Specialist Mike Foreman. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-123 @ www.nasa.gov!	Transcript Link
2008 03 13	NASA Johnson	https://youtu.be/W0fArNhU5l8	Welcome Aboard! My Home is Your Home	The Expedition 16 crew welcomes the STS-123 crew aboard the International Space Station.	Transcript Link
2008 03 13	NASA Johnson	https://youtu.be/7qiAF7gMZ2o	Endeavour on the Flip Side	Watch Space shuttle Endeavour perform a back flip in space as it approaches the International Space Station. About an hour before docking, STS-123 Commander Dominic Gorie and Pilot Gregory H. Johnson guided the shuttle through a back-flip maneuver, giving the Expedition 16 crew the opportunity to take pictures of the orbiter's protective heat-resistant tiles. These photos will be sent to engineers on Earth for analysis. As the shuttle bellies up to the station, the station crew has about 9 minutes to snap up as many photos as it can. The digital snapshots are downlinked to Earth to check for chips and dings on the surface of the tiles, which act as the vehicle's heat shield. Tiles range in thickness from a quarter-inch to four-and-a-half inches thick. The space shuttle leading edges and the nose cone are made of reinforced carbon-carbon material capable of withstanding temperatures up to 3,600 degrees, now that's a hottie! About an hour before docking, STS-123 Commander Dominic Gorie and Pilot Gregory H. Johnson guided the shuttle through a back-flip maneuver, giving the Expedition 16 crew the opportunity to take pictures of the orbiter's protective heat-resistant tiles. These photos will be sent to engineers on Earth for analysis.	Transcript Link

2008 03 11	NASA Johnson	https://youtu.be/f2rbrNMSXBs	Room with a View Launch from Vehicle Assembly Building	Brilliantly lighting up the dark sky, space shuttle Endeavour roared off the launch pad carrying the STS-123 crew, a module of Japan's Kibo laboratory and a Canadian robotic system to begin the 25th mission to the International Space Station. NASA astronaut Dominic Gorie commands a crew of six, including Pilot Gregory H. Johnson and Mission Specialists Rick Linnehan, Robert L. Behnken, Mike Foreman, Garrett Reisman and Japanese astronaut Takao Doi. Johnson, Behnken and Foreman will be making their first spaceflight. Follow the STS-123 mission at www.nasa.gov! (more)	Transcript Link
2008 03 11	NASA Johnson	https://youtu.be/enssQtVVqm4	'Early Sunrise' Endeavour Lifts off into the Night	Brilliantly lighting up the dark sky, space shuttle Endeavour roared off the launch pad carrying the STS-123 crew, a module of Japan's Kibo laboratory and a Canadian robotic system to begin the 25th mission to the International Space Station. NASA astronaut Dominic Gorie commands a crew of six, including Pilot Gregory H. Johnson and Mission Specialists Rick Linnehan, Robert L. Behnken, Mike Foreman, Garrett Reisman and Japanese astronaut Takao Doi. Johnson, Behnken and Foreman will be making their first spaceflight. Follow the STS-123 mission at www.nasa.gov!	Transcript Link
2008 03 10	NASA Johnson	https://youtu.be/-JGP1v9bxpQ	All Aboard Station Goes Global (animation)	This animation video provides an overview of the STS-123 shuttle mission. To read more and follow this mission, visit nasa.gov.	Transcript Link
2008 03 10	NASA Johnson	https://youtu.be/raUqLDqjJKg	Happy International Women's Day!	While in space, Expedition 16 Peggy Whitson, the first female commander of the International Space Station, receives a special tribute from Earth on International Women's Day.	Transcript Link

2008 02 28	NASA Johnson	https://youtu.be/gOARToiteow	From Launch to Land The Voyage of Columbus	Watch highlights from launch to land of mission STS-122.	Transcript Link
2008 02 28	NASA Johnson	https://youtu.be/b3rwLgUTjcw	Welcome Home STS-122 Crew!	Watch and hear from the crew of STS-122 as it receives a warm welcome home at Ellington Field, following a successful mission. To learn more on this mission, visit nasa.gov!	Transcript Link
2008 02 22	NASA Johnson	https://youtu.be/ONbK_AA7TsM	Game On NASA Advances Virtual Cockpit for Moon Landings	View footage from the research aircraft during the recent flight demonstration of the Advanced Cockpit Evaluation System. Read about this advancement here: http://www.nasa.gov/mission_pages/constellation/main/virtual_cockpit.html For more stories like this, visit www.nasa.gov!	Transcript Link
2008 02 20	NASA Johnson	https://youtu.be/X1K9QW51gYI	Atlantis Rests at Wheel Stop	Space shuttle Atlantis rolled to stop on Kennedy Space Center Shuttle Landing Facility runway 15, completing its 13-day journey of nearly 5.3 million miles in space. Commander Steve Frick thanked everyone for helping to bring them safely home. Atlantis touched down at 9:07:10 a.m. EST. Nose gear touch down followed at 9:07:20 a.m.. Wheels stop occurred at 9:08:08 a.m..	Transcript Link

2008 02 17	NASA Johnson	https://youtu.be/QBCNNel9EVU	Oysters and Pearls	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-122 crew wake-up call, Flight Day 7: STS-122 crew wake-up call, Flight Day 7 -- "Oysters and Pearls" by Jimmy Buffet was played for Pilot Alan Poindexter. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-122 @ www.nasa.gov!	Transcript Link
2008 02 17	NASA Johnson	https://youtu.be/naVLj5RZndY	Wheels on the Bus	Management Astronaut Jerry Ross, Chief, Vehicle Integration Test Office busses with crewmembers of STS-122 before their flight. Jerry Ross is a veteran of seven space flights. Ross has over 1,393 hours in space, including 58 hours and 18 minutes on nine spacewalks. He was the first person to ever be launched into space seven times.	Transcript Link
2008 02 16	NASA Johnson	https://youtu.be/1sN7RXC9vIw	Dream Come True	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-122 crew wake-up call, Flight Day 6: "Dream Come True" by Jim Brickman was played for Mission Specialist Rex Walheim. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-122 @ www.nasa.gov!	Transcript Link
2008 02 16	NASA Johnson	https://youtu.be/dQNNjDQrslQ	Two Crews and the News from Space	View a news conference held with the crews of Exp. 16 and STS-122 on their work, experiences and recent celebratory moments while in space.	Transcript Link

2008 02 13	NASA Johnson	https://youtu.be/ge_uzCSbPg0	Flight to Florida for TCDT	The STS-122 crew onboard a plane heading to Florida where they participate in the Terminal Countdown Demonstration Test at the Kennedy Space Center before their launch. TCDT includes several safety training activities, including emergency egress, and a simulated launch countdown.	Transcript Link
2008 02 12	NASA Johnson	https://youtu.be/54rYZAjI9eQ	Fly Like an Eagle	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-122 crew wake-up call, Flight Day 5: "Fly Like an Eagle", written by Steve Miller and performed by another singer, was played for Mission Specialist Leland Melvin. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-122 @ www.nasa.gov!	Transcript Link
2008 02 12	NASA Johnson	https://youtu.be/sWhx_uAII38	Maenner	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-122 crew wake-up call, Flight Day 4: 'Maenner' by Herbert Groenemeyer was played for European Space Agency astronaut Hans Schlegel. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-122 @ www.nasa.gov!	Transcript Link

2008 02 12	NASA Johnson	https://youtu.be/ARdX6Uf2K4s	Wake up! Commander Steve Frick	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-122 crew wake-up call, Flight Day 3: The theme song to the Prairie The theme song to the Prairie Home Companion by Spencer Williams was played for STS-122 Commander Stephen Frick. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-122 @ www.nasa.gov!	Transcript Link
2008 02 11	NASA Johnson	https://youtu.be/iM7btO-1MLQ	Book of Love	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-122 crew wake-up call, Flight Day 2: 'Book of Love' by Peter Gabriel was played for was played for European Space Agency astronaut Léopold Eyharts. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-122 @ www.nasa.gov!	Transcript Link
2008 02 11	NASA Johnson	https://youtu.be/t03P5WfWj34	The Voyage of Columbus (animation)	Animation video that gives an overview of the mission STS-122.	Transcript Link

2008 02 10	NASA Johnson	https://youtu.be/4RSnOiMVfHk	Atlantis' Acrobats One backflip and a dock to ISS	Watch the shuttle perform a back flip in space as it approaches the International Space Station. At about 600 feet below the station, the shuttle flips bass ackwards, exposing its underside to the station. As the shuttle bellies up to the station, the station crew has about 9 minutes to snap up as many photos as it can. The digital snapshots are downlinked to Earth to check for chips and dings on the surface of the tiles, which act as the vehicle's heat shield. Tiles range in thickness from a quarter-inch to four-and-a-half inches thick. The space shuttle leading edges and the nose cone are made of reinforced carbon-carbon material capable of withstanding temperatures up to 3,600 degrees, now that's a hottie! The Shuttle Atlantis, which launched Feb. 7, 2007 and flipped upside down before docking to the station Feb. 9, has 24,000 thermal protection tiles.	Transcript Link
2008 02 07	NASA Johnson	https://youtu.be/8o72MzrgFiU	Up, up and away! Atlantis rockets spaceward!	Atlantis, carrying the STS-122 crew and Columbus Laboratory, roared off the launch pad into the mid-afternoon sky to begin the 24th mission to the International Space Station. NASA astronaut Steve Frick commands a crew of six, including Pilot Alan Poindexter and Mission Specialists Leland Melvin, Rex Walheim, Stanley Love and the European Space Agency's Hans Schlegel and Leopold Eyharts. This is the first spaceflight for Poindexter, Love and Melvin. During the 11-day mission, the crew's prime objective is to attach the European Space Agency's Columbus Laboratory to the International Space Station, adding to the station's size and capabilities. Expedition 16 Flight Engineer Daniel Tani, who arrived at the station aboard Discovery in October, will return to Earth with the Atlantis crew as Eyharts takes his place on the station.	Transcript Link
2008 02 06	NASA Johnson	https://youtu.be/7a2PaTECVSk	Constellation It's for the new generation	A comprehensive video explaining the Constellation program. Hear about the next steps NASA will take through Constellation, and sneak a peek at NASA's newest vehicles: the Orion crew vehicle, the Ares launch vehicles (Ares 1 Crew Launch Vehicle and Ares V heavy launch vehicle) and the Altair Lunar Lander. Learn what progress has been made in the development of this new generation of spacecraft.	Transcript Link

2008 02 06	NASA Johnson	https://youtu.be/VP4YsVtJdfQ	What can Orange do for You	Astronauts of STS-122 suit up for emergency bailout practice before their launch, which is slated for liftoff Feb. 7, 2008.	Transcript Link
2007 12 15	NASA Johnson	https://youtu.be/Zn_IcuVZPps	Let's Take a Walk	The crew of STS-122 commutes to a meeting on campus at the Johnson Space Center in Houston, TX. This video was captured a couple weeks before the first launch attempt of STS-122 in December. STS-122 is now slated to liftoff no earlier than Jan. 2. For complete mission coverage, visit www.nasa.gov!	Transcript Link
2007 12 10	NASA Johnson	https://youtu.be/2NbApv43bHM	Office Space	STS-122 Mission Specialists Rex Walheim and Hans Schlegal caught working in the office as they prepare for their upcoming launch. STS-122 Leland Melvin talks to his crew mates in this behind-the-scenes clip of astronauts in their office space. The launch of space shuttle Atlantis has been rescheduled for no earlier than Jan. 2, 2008. For complete coverage of the STS-122 mission, visit www.nasa.gov!	Transcript Link
2007 12 07	NASA Johnson	https://youtu.be/Tmd2poItPmA	Teamwork A Universal Language	The international partnership aimed at building and operating the International Space Station is the hallmark of modern space exploration. STS-122 Mission Specialists Leland Melvin and Hans Schlegal, European Space Agency astronaut, 'come together' here in this video as partners and friends. STS-122 is slated to liftoff Dec. 8, and will carry with them aboard Atlantis the European-built research laboratory, Columbus to the space station.	Transcript Link

2007 12 05	NASA Johnson	https://youtu.be/2ewHl3FefBE	Two Strapping Guys	STS-122 Mission Specialist Leland Melvin talks to the men who help suit up and strap in the astronauts for flight training modules and the real deal. Follow the STS-122 mission @ www.nasa.gov!	Transcript Link
2007 12 04	NASA Johnson	https://youtu.be/MJnj6I0OBIc	What are YOU doing today	STS-122 Commander Steve Frick suits up for a day of flight training before commanding Atlantis into space. Follow the STS-122 mission @ www.nasa.gov!	Transcript Link
2007 11 30	NASA Johnson	https://youtu.be/JRbYCVia7WM	What Not to Wear	Behind the scenes with the astronauts of STS-122 suiting up for a training exercise weeks before their launch. Follow the STS-122 mission @ www.nasa.gov!	Transcript Link
2007 10 26	NASA Johnson	https://youtu.be/_6KArYnSz4o	STS-120 Discovery Backflip	Watch the shuttle Discovery perform a back flip in space as it approaches the International Space Station. At about 600 feet below the station, the shuttle flips bass ackwards, exposing its underside to the station. As the shuttle bellies up to the station, the station crew has about 9 minutes to snap up as many photos as it can. The digital snapshots are downlinked to Earth to check for chips and dings on the surface of the tiles, which act as the vehicle's heat shield. Tiles range in thickness from a quarter-inch to four-and-a-half inches thick. The space shuttle leading edges and the nose cone are made of reinforced carbon-carbon material capable of withstanding temperatures up to 3,600 degrees, now that's a hottie!	Transcript Link

2007 10 25	NASA Johnson	https://youtu.be/fcPRGB_dXdw	Eye Above the Sky So Cal's Ferocious Fires Seen from Space	Astronauts in space captured video of the wind-whipped wildfires that have tormented Southern California from San Diego to suburban Los Angeles.	Transcript Link
2007 10 25	NASA Johnson	https://youtu.be/DMEMJPwLNbQ	What's Up STS-120 Mission Overview (animation)	STS-120 is the 23rd shuttle mission to the International Space Station, launching an Italian-built U.S. multi-port module for the station. Retired Air Force Col. Pamela A. Melroy will command the STS-120 mission to take the Node 2 connecting module to the station. Melroy, a veteran shuttle pilot, is the second woman to command a shuttle. Marine Corps Col. George D. Zamka will serve as pilot. The flight's mission specialists will be Scott E. Parazynski, Army Col. Douglas H. Wheelock, Stephanie D. Wilson and Paolo A. Nespoli, a European Space Agency astronaut from Italy. Zamka, Wheelock and Nespoli will be making their first spaceflight. Expedition 15/16 Flight Engineer Clayton Anderson will return to Earth from the space station aboard shuttle mission STS-120. That flight will carry his replacement, Daniel Tani, to the station. Tani will return on shuttle mission STS-122.	Transcript Link
2007 10 24	NASA Johnson	https://youtu.be/Mp-awukkc7I	Discovery Goes up With Harmony	Space shuttle Discovery blazes a trail toward orbit on the STS-120 mission.	Transcript Link

2007 08 21	NASA Johnson	https://youtu.be/brTk1_NCHKs	Shuttle Endeavour Scores Sweet Touchdown!	Two weeks after it launched from the Florida space port, Endeavour returns with a sweet touchdown. While at the station, the STS-118 astronauts performed four spacewalks to continue the world's biggest build in orbit. Endeavour undocked from the station Sunday to end its almost-nine-day stay and began the trip home. This mission was cut short by one day due to Hurricane Dean. Landing early would permit mission control operations to continue in Houston without threat of the hurricane should it turn north. Landing also brought to an end the first flight for Mission Specialist Barbara R. Morgan, an educator who was selected to become a mission specialist astronaut. She was first selected by NASA in 1985 as the backup to Teacher in Space Christa McAuliffe. Following the Challenger accident in 1986, Morgan continued to work with NASA on educational activities and returned to teaching elementary school in Idaho. She returned to NASA as an astronaut in 1998. A 21-year dream realized at last!	Transcript Link
2007 08 18	NASA Johnson	https://youtu.be/FxFOm8BC4GE	'Holy Smokes' Hurricane Dean from Space	The crewmembers aboard the space station took a short break Saturday to get a look at the storm from their vantage point. Even from space, the storm expected to reach the Gulf of Mexico Aug. 21 and gain strength as a potential Cat 5 storm, impresses the crew with its size.	Transcript Link
2007 08 17	NASA Johnson	https://youtu.be/eAjk7XaaUvM	Black Horse and the Cherry Tree	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Co Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-118 crew wake-up call, Flight Day 10: 'Black Horse and the Cherry Tree' by KT Turnstall played for Mission Specialist Tracy Caldwell. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-118 @ www.nasa.gov!	Transcript Link

2007 08 17	NASA Johnson	https://youtu.be/FnB5VX3qyaA	Times Like These	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Co Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-118 crew wake-up call, Flight Day 9: 'Times Like These' performed by the Foo Fighters and played for Mission Specialist Rick Mastracchio. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-118 @ www.nasa.gov!	Transcript Link
2007 08 16	NASA Johnson	https://youtu.be/uJ503EdUWtk	Class in Session Barbara Morgan Talks 2 Students (part II)	Barbara Morgan and her STS-118 crewmates take questions from students in Boise, Idaho. Morgan, a teacher and fully qualified astronaut brings expertise in K-12 education from space. With her education background, she helps lead NASA in the development of new ways to connect space exploration with the classroom.	Transcript Link
2007 08 16	NASA Johnson	https://youtu.be/eC-HLrlcimA	Spacewalker's Glove Demo	Video demonstrates a small abrasion of STS-118 Mission Specialist Rick Mastracchio's glove. The abrasion was discovered during STS-118's third spacewalk. Mission Control decided to end the spacewalk early as a precaution. Mastracchio and Clay Anderson ventured back into their home away from home safely.	Transcript Link
2007 08 16	NASA Johnson	https://youtu.be/n-U-j-YqFyY	Class in Session Barbara Morgan Talks 2 Students (part I)	Barbara Morgan and her STS-118 crewmates take questions from students in Boise, Idaho. Morgan, a teacher and fully qualified astronaut brings expertise in K-12 education from space. With her education background, she helps lead NASA in the development of new ways to connect space exploration with the classroom.	Transcript Link

2007 08 15	NASA Johnson	https://youtu.be/xb2amlfDZ0o	Good Morning World	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Co Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-118 crew wake-up call, Flight Day 8: 'Good Morning World' performed by Mission Specialist Barbara Morgan's son Adam and played for Morgan. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-118 @ www.nasa.gov!	Transcript Link
2007 08 14	NASA Johnson	https://youtu.be/UBCBn_Aympw	Happy Birthday in space!	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Co Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-118 crew wake-up call, Flight Day 7: 'Happy Birthday!' performed by Mission Specialist Tracy Caldwell's nieces and nephews and played for Caldwell. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-118 @ www.nasa.gov! (more)	Transcript Link
2007 08 13	NASA Johnson	https://youtu.be/kDPvBJtTOHQ	Up!	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-118 crew wake-up call, Flight Day 5: 'Up!' by Shania Twain played for Mission Specialist Dave Williams. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-118 @ www.nasa.gov!	Transcript Link

2007 08 13	NASA Johnson	https://youtu.be/KTKiEODtYxg	Outta Space	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-118 crew wake-up call, Flight Day 6: 'Outta Space' by Billy Preston played for Mission Specialist Alvin Drew. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-118 @ www.nasa.gov!	Transcript Link
2007 08 11	NASA Johnson	https://youtu.be/a_oCCnlV9p4	STS-118 Space Mission Through a Child's Eyes (part IV)	Get a glimpse of the Space Shuttle Mission STS-118, set to rocket skyward August 2007. Through art expressions and their own words, learn from the mouths of babes what space exploration is really all about. Follow this mission @ www.nasa.gov!	Transcript Link
2007 08 11	NASA Johnson	https://youtu.be/zategEDSi_E	Gravity	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-118 crew wake-up call, Flight Day 4: 'Gravity' by John Mayer played for Pilot Charlie Hobaugh. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-118 @ www.nasa.gov! (more) (less)	Transcript Link

2007 08 11	NASA Johnson	https://youtu.be/rb5Uhh5t2ok	Mr. Blue Sky	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-118 crew wake-up call, Flight Day 3: 'Mr. Blue Sky' by Electric Light Orchestra played for Commander Scott Kelly. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-118 @ www.nasa.gov!	Transcript Link
2007 08 10	NASA Johnson	https://youtu.be/YA5-vTyWSws	A Video Message From Space	On Flight Day 2 of shuttle mission STS-118 Commander Scott Kelly and Mission Specialist Barbara Morgan wrapped up a long day of work Thursday with a quick message from orbit. Follow this mission @ www.nasa.gov!	Transcript Link
2007 08 10	NASA Johnson	https://youtu.be/PjfDnm3TAFc	STS-118 Space Mission Through a Child's Eyes (part III)	Get a glimpse of the Space Shuttle Mission STS-118, set to rocket skyward August 2007. Through art expressions and their own words, learn from the mouths of babes what space exploration is really all about.	Transcript Link
2007 08 09	NASA Johnson	https://youtu.be/V2dbdtfe_qA	Where My Heart Will Take Me	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-118 crew wake-up call, Flight Day 2: 'Where My Heart Will Take Me' by Russell Watson played for Mission Specialist Richard Mastracchio. "Music is a great help because it sort of grounds you, and it gives you memories. I can only imagine what it's like to be up there looking back on Earth. I can imagine for the space crew when you're out there for such a long time and missing home that it would be very good to get a reminder that will take you back." ~ Paul McCartney Follow shuttle mission STS-118 @ www.nasa.gov!	Transcript Link

2007 08 09	NASA Johnson	https://youtu.be/eakhdNgdorw	STS-118 Space Mission Through a Child's Eyes (part II)	Get a glimpse of the Space Shuttle Mission STS-118, set to rocket skyward August 2007. Through art expressions and their own words, learn from the mouths of babes what space exploration is really all about. Follow shuttle mission STS-118 @ www.nasa.gov!	Transcript Link
2007 08 08	NASA Johnson	https://youtu.be/RNV_3SWwy_4	Shuttle Liftoff Endeavour Forever	Endeavour, carrying the STS-118 crew, roared off the launch pad into the late afternoon sky August 8 to begin the 22nd mission to the International Space Station. Follow this mission @ www.nasa.gov!	Transcript Link
2007 08 08	NASA Johnson	https://youtu.be/JCKBBQE-94M	STS-118 Space Mission Through a Child's Eyes (Part I)	Get a glimpse of the Space Shuttle Mission STS-118, set to rocket skyward August 2007. Through art expressions and their own words, learn from the mouths of babes what space exploration is really all about.	Transcript Link
2007 08 01	NASA Johnson	https://youtu.be/8reKmhWhyH4	Build the Station. Build the Future. (animation)	Like all shuttle missions, STS-118 is about the future: putting the International Space Station a step closer to completion and gathering experience that will help people return to the moon and go on to Mars. But this mission also will see a two decade-old dream realized and a vision of inspiration completed. Twenty-two years after first being selected as Christa McAuliffe's backup in the Teacher in Space Project, Barbara Morgan will strap into space shuttle Endeavour as a fully-trained astronaut. She is one of five mission specialists in the seven-member crew. Check out this cool animation to see how it will be done! Follow this mission at www.nasa.gov.	Transcript Link

2007 06 20	NASA Johnson	https://youtu.be/ookWLBoWkhI	A Day in the Life	Come aboard the International Space Station, and see first-hand astronauts at work. STS-117 Commander Rick Sturckow narrates this video, giving outsiders a sneak peak of the crew's busy day in space. Here the crew of STS-117 prepare for a spacewalk geared toward station construction.	Transcript Link
2007 06 19	NASA Johnson	https://youtu.be/xVnrO51-rjE	Atlantis Coming Home (ISS fly-around animation)	See how Space Shuttle Atlantis performs a fly-around of the station before heading back home to Earth.	Transcript Link
2007 06 19	NASA Johnson	https://youtu.be/7gkFqVxHq2o	Atlantis Coming Home (ISS fly-around video)	Cameras aboard the International Space Station and Space Shuttle Atlantis capture spectacular views as the shuttle performs a fly-around of the station.	Transcript Link
2007 06 19	NASA Johnson	https://youtu.be/h61xEWJ-bWo	Redeemer	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-117 crew wake-up call, Flight Day 11: 'Redeemer' by Nicole C. Mullen played for Mission Specialist Pat Forrester.	Transcript Link

2007 06 19	NASA Johnson	https://youtu.be/gICMr9MNa5Q	Band of Brothers	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-117 crew wake-up call, Flight Day 10: Theme song from 'Band of Brothers' played for Mission Specialist Jim Reilly.	Transcript Link
2007 06 18	NASA Johnson	https://youtu.be/7aDy8sBN3FA	UTEP Fight Song	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-117 crew wake-up call, Flight Day 9: 'University of Texas El Paso' by UTEP Pep Band played for Mission Specialist John 'Danny' Olivas.	Transcript Link
2007 06 15	NASA Johnson	https://youtu.be/95d7R58T9UM	Tuck It In	STS-117 spacewalker Danny Olivas repaired a thermal blanket that was out of position on space shuttle Atlantis. Olivas, while attached to the shuttle robot arm, tucked the blanket back into place and then used a medical stapler to secure it to adjacent blankets on Atlantis' left orbital maneuvering system pod. To learn more about the thermal blanket, cut and paste the following url to your browser: http://www.nasa.gov/mission_pages/shuttle/behindscenes/omspodblanket-gallery.html Follow complete coverage of mission STS-117 at www.nasa.gov!	Transcript Link
2007 06 14	NASA Johnson	https://youtu.be/R5wEtMV5sSY	Indescribable	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-117 crew wake-up call, Flight Day 7: 'Indescribable' by Chris Tomlin played for Mission Specialist Patrick Forrester.	Transcript Link

2007 06 14	NASA Johnson	https://youtu.be/c9rc96feWIg	Spread Your Wings (video)	The International Space Station spread its new set of wings on flight day 5 of STS-117. See video when station's new wings were deployed. The solar arrays on the newly installed Starboard 3 and 4 (S3/S4) truss segment deployed to their full length with the assistance of the STS-117 crew. Station's new wings will generate enough power to supply about eight homes.	Transcript Link
2007 06 14	NASA Johnson	https://youtu.be/LefzkR0CI7o	Questions 67 and 68	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-117 crew wake-up call, Flight Day 6: 'Questions 67 and 68' by Chicago played for Pilot Lee Archambault.	Transcript Link
2007 06 13	NASA Johnson	https://youtu.be/kOyIV_YWU18	A Little Truss Goes A Long Way	The International Space Station grew in size and capability when the S3/S4 Truss became a permanent addition as crewmembers worked inside and outside the complex to complete the final hookups. The work ended in a 6 hour, 15 minute spacewalk by shuttle astronauts Jim Reilly and Danny Olivas, who focused on final attachment of bolts, cables, and connectors to begin the activation of the truss and ready it for deployment of the new solar arrays. Check out this cool animation to see how the new truss was installed!	Transcript Link
2007 06 13	NASA Johnson	https://youtu.be/1Q1FXGH9wFU	Spread Your Wings (animation)	The International Space Station spread its new set of wings on flight day 5 of STS-117. This animation shows how it was done. The solar arrays on the newly installed Starboard 3 and 4 (S3/S4) truss segment deployed to their full length with the assistance of the STS-117 crew. Station's new wings will generate enough power to supply about eight homes.	Transcript Link

2007 06 12	NASA Johnson	https://youtu.be/Ye-4M-FrPnE	What a Wonderful World	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-117 crew wake-up call, Flight Day 5: 'What a Wonderful World' by Louis Armstrong played for Mission Specialist John "Danny" Olivas.	Transcript Link
2007 06 12	NASA Johnson	https://youtu.be/AZjMbEXdwnA	It Probably Always Will	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-117 crew wake-up call, Flight Day 4: 'It Probably Always Will' by Ozark Mountain Daredevils played for Mission Specialist Steven Swanson.	Transcript Link
2007 06 11	NASA Johnson	https://youtu.be/TYUW9maagQ0	Riding the Sky	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-117 crew wake-up call, Flight Day 3: 'Riding the sky' by David Kelldorf and Brad Loveall played for Mission Specialist Clay Anderson.	Transcript Link
2007 06 11	NASA Johnson	https://youtu.be/UT3I4PGD1Mc	Belly up to the Space Station (sped-up version)	Watch the shuttle perform a back flip in space as it approaches the International Space Station. At about 600 feet below the station, the shuttle flips bass ackwards, exposing its underside to the station. As the shuttle bellies up to the station, the station crew has about 9 minutes to snap up as many photos as it can. The digital snapshots are downlinked to Earth to check for chips and dings on the surface of the tiles, which act as the vehicle's heat shield. Tiles range in thickness from a quarter-inch to four-and-a-half inches thick. The space shuttle leading edges and the nose cone are made of reinforced carbon-carbon material capable of withstanding temperatures up to 3,600 degrees, now that's a hottie! The Shuttle Atlantis, which launched June 8, 2007 and flipped upside down before docking to the station June 10, has 24,000 thermal protection tiles.	Transcript Link

2007 06 10	NASA Johnson	https://youtu.be/DjtdOZECr1U	Big Boy Toys	Wake-up calls are a long-standing tradition of the NASA program. Each day during the mission, flight controllers in the Mission Control Center will greet the crew with an appropriate musical interlude. STS-117 crew wake-up call, Flight Day 2: 'Big Boy Toys' by Aaron Tippin played for Commander Rick Sturckow.	Transcript Link
2007 06 09	NASA Johnson	https://youtu.be/QPsAoCu_yyM	Atlantis Rocks It	The Space Shuttle Atlantis and its seven crew members of STS-117 rocketed spaceward June 8 at 7:38:04 p.m. EDT, marking the first shuttle flight of 2007. Fast and furious, this bird with a wingspan of 78 feet can reach a maximum speed of 17,300 mph into orbit. The shuttle launches like a rocket, maneuvers in Earth orbit like a spacecraft and lands like an airplane. Atlantis and her crew heads now to continue the biggest build in space. The International Space Station will get new support beams, a new set of wings and a new crewmember. Follow this mission @ www.nasa.gov!	Transcript Link
2007 05 25	NASA Johnson	https://youtu.be/Qr_EZNdF_v4	Just Add H2O	Follow the Space Shuttle's solid rocket boosters from launch to splashdown. With an eye on a booster, get as close as anyone can to watch as they tumble back to Earth's seas. These two rocket boosters pack a powerful punch. Together, they provide the main thrust to lift the space shuttle off the pad and up to an altitude of about 150,000 feet. They are the largest solid-propellant motors ever flown and the first designed for reuse. Each is 149 feet long and 12 feet in diameter. Retrieval ships are on station at the time of splashdown, at about 9.2-11.5 statute miles from the impact area. As soon as the boosters enter the water, the ships accelerate to a speed of 15 knots and quickly close on the boosters.	Transcript Link
2007 05 11	NASA Johnson	https://youtu.be/TNiE_MkQqS0	From Winter to Wonderland	Saturn rings, are you listening, Here in space, stars aren't glistening Still, it's a beautiful sight We're happy tonight. Walking in a cosmic wonderland. Winter, Wis. was home to Astronaut Jeff Williams as a boy. Now, he's taken up living in space. Williams first visited the International Space Station on Shuttle Atlantis in 2000. Six years later, he revisited the orbital home-away-from-home on a six-month stay during Expedition 13. Williams walked the void during two spacewalks on his return to the station. Learn how education helped launch his career at NASA.	Transcript Link

2007 05 09	NASA Johnson	https://youtu.be/qnKEi5Lt_x8	Cowboy Up	The scene opens with a hint of Old West flare, but this showdown takes off from the East Coast. From NASA's Kennedy Space Center, this ride packs more action and adventure than any ride given to an outlaw or prairie skirt. Saddle up aboard the space shuttle and experience the wildest ride on Earth. "Are you gonna pull those pistols or whistle Dixie?" Click, click, giddyup!	Transcript Link
2007 05 04	NASA Johnson	https://youtu.be/s1aBChbPR30	Husker Flies to Space	Nebraska native Clay Anderson first went to school, then, became an astronaut. Anderson's hard work got him to space. Learn how education and perseverance brought Anderson to new heights in his career.	Transcript Link
2007 05 02	NASA Johnson	https://youtu.be/xqh2FMaKkaY	Around the World	NASA goes techno in this rockumentary. From sea to shining sea, partners from around the world have come together to build the world's largest orbiting laboratory: The International Space Station.	Transcript Link
2007 04 24	NASA Johnson	https://youtu.be/_KdLkKNNq-k	I Know What You Did This Summer 2007	While most people head to the beaches for their summer vacation, seven folks will head a little closer to the sun on a trip that's out of this world. They will wear suits but not to catch waves. Instead, the suited vacationers will fly into space. Space Shuttle Endeavour's STS-118 mission is the 22nd shuttle flight to the International Space Station. It will continue to build the station by delivering a third starboard truss segment, part of its support structure. School's not out for some educators; this flight will also be the first of an educator astronaut. Check out this sneak preview of the crew's summertime adventures in space. NOTE: Due to a crew change where Clay Anderson was reassigned to the 117 mission, NASA is updating this video. More to come!	Transcript Link