



1
00:00:00,940 --> 00:00:05,000

“Here’s some of the stories trending This Week at NASA!”

2
00:00:05,000 --> 00:00:10,079

In preparation for its first spaceflight test next month, NASA’s Orion spacecraft was

3
00:00:10,079 --> 00:00:14,610

transported from Kennedy Space Center’s Launch Abort System Facility to Space Launch

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00:00:14,610 --> 00:00:20,490

Complex 37 at nearby Cape Canaveral Air Force Station on November 11, arriving at the launch

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00:00:20,490 --> 00:00:22,180

pad early Nov. 12.

6
00:00:22,180 --> 00:00:27,380

NASA’s new deep space exploration capsule then was attached to the top of the Delta

7
00:00:27,380 --> 00:00:33,090

IV Heavy rocket that will carry it to space for the Dec. 4 test.

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00:00:33,090 --> 00:00:38,289

Just hours after leaving the International Space Station on Nov. 9, the Expedition 41

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00:00:38,289 --> 00:00:43,530

crew safely touched down in Kazakhstan at 10:58 p.m. Eastern Standard Time.

10
00:00:43,530 --> 00:00:49,289

NASA’s Reid Wiseman, Russian cosmonaut Max Suraev and Alexander Gerst of the European

11

00:00:49,289 --> 00:00:52,739

Space Agency, completed a 165-day mission.

12

00:00:52,739 --> 00:00:59,329

Meanwhile, the Expedition 42/43 crew – including NASA's Terry Virts traveled from Star City,

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00:00:59,329 --> 00:01:03,359

Russia to Kazakhstan to complete training for their scheduled launch to the station

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00:01:03,359 --> 00:01:05,980

later this month.

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00:01:05,980 --> 00:01:12,040

During a Nov. 10 meeting in Addis Ababa, Ethiopia, NASA Administrator Charlie Bolden discussed

16

00:01:12,040 --> 00:01:16,860

continued Earth science research collaboration with leaders of the Regional Centre for Mapping

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00:01:16,860 --> 00:01:19,050

of Resources for Development.

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00:01:19,050 --> 00:01:25,220

The inter-governmental organization of African states is host to a joint NASA and USAID venture

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00:01:25,220 --> 00:01:31,230

that provides developing nations with satellite-based Earth observation data and science applications,

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00:01:31,230 --> 00:01:36,400

to help improve environmental and natural resource decision making.

21

00:01:36,400 --> 00:01:40,660

After sailing through space for more than a decade, the European Space Agency's Rosetta

22

00:01:40,660 --> 00:01:48,420

spacecraft successfully landed its Philae robotic probe on the surface of comet 67P/Churyumov-Gerasimenko,

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00:01:48,420 --> 00:01:54,070

on Nov. 12 – completing the first-ever soft landing of a spacecraft on a comet.

24

00:01:54,070 --> 00:01:58,420

NASA has three instruments on the orbiting Rosetta spacecraft, which will spend about

25

00:01:58,420 --> 00:02:02,310

18 months studying the comet.

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00:02:02,310 --> 00:02:06,710

Team members of NASA's Asteroid Redirect Mission, including program manager Michele

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00:02:06,710 --> 00:02:11,950

Gates, recently visited Goddard Space Flight Center to check out simulated mission scenarios

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00:02:11,950 --> 00:02:17,310

and prototype technologies that could be used to retrieve a boulder off of a larger asteroid

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00:02:17,310 --> 00:02:23,220

– one of the two asteroid capture concepts NASA will chose between by late 2014.

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00:02:23,220 --> 00:02:27,810

The other would fully enclose an asteroid using an inflatable system.

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00:02:27,810 --> 00:02:31,890

The Asteroid Redirect Mission will advance the technologies and experience needed to

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00:02:31,890 --> 00:02:35,730

send humans to Mars in the 2030s.

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00:02:35,730 --> 00:02:41,090

A panel discussion on Nov. 12 at the Intrepid
Sea, Air and Space Museum in New York City

34

00:02:41,090 --> 00:02:46,430

featured crew members of space shuttle mission
STS-125 – the last servicing mission to

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00:02:46,430 --> 00:02:48,270

NASA's Hubble Space Telescope.

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00:02:48,270 --> 00:02:54,650

April 24 of next year marks the 25th anniversary
of Hubble's launch on STS-31 – featuring

37

00:02:54,650 --> 00:03:00,320

current NASA Administrator and then-astronaut,
Charlie Bolden as the pilot of space shuttle

38

00:03:00,320 --> 00:03:02,360

Discovery's crew.

39

00:03:02,360 --> 00:03:04,260

And that's what's up this week @NASA ...

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