the Space Station's newest crew members are safely onboard our first asteroid sample return mission arrives at its destination and the first sounds from Mars a few of the stories to tell you about this week at NASA the International Space Station's three newest crew members including our anne mcclain are adjusting to life aboard the orbital outpost McClane Oleg Kononenko of Roscosmos and David saint-jacques of the Canadian Space Agency docked their Soyuz spacecraft to the station at 2:30 3:00 p.m. Eastern Standard Time on
December 3rd six hours after launching from Kazakhstan they will spend more than six months on the station and are scheduled to be on board during the first test flights of NASA's Commercial Crew program which will return human spacecraft launches to American soil on December 5th a SpaceX Dragon cargo spacecraft launched atop a Falcon 9 rocket from Cape Canaveral Air Force Station Florida to deliver supplies to the space station including critical materials to directly support dozens of the more than 250 science and research
investigations on board

this is SpaceX's 16th resupply mission
to the space station we have arrived

after traveling through space for more than two years and 2 billion kilometres

our osiris-rex spacecraft arrived at asteroid Bennu on december 3rd the spacecraft will spend almost a year surveying bennu to select the location on the asteroid that is safe and scientifically interesting to collect a sample

osiris-rex will return that sample to earth in september 2023
our insight Lander has captured the first sounds ever sensed directly from the surface of Mars because the sounds which are of vibrations caused by the Martian wind are below or near the lower range of human hearing they've been processed to make them more audible to very sensitive sensors aboard in sight each recorded the wind noise in different ways resulting in rather different sounds and air pressure sensor recorded the direct air vibrations caused by the wind moving through the open air while a seismometer recorded vibrations experienced by the lander
itself as the wind moved over the spacecraft's of solar panels insight landed on Mars November 26th and as the first mission to study the deep interior of the Red Planet to help us learn more about how it and other rocky celestial bodies formed including earth in our Moon NASA joined the rest of the nation this past week to mourn the passing of President George Herbert Walker Bush the nation's 41st president in a statement our administrator Jim Bridenstine said the late president's space exploration initiative helped us to think big and
long-term about space and his impassioned vision still can be felt in our ongoing efforts to send humans farther into the solar system to live and work for extended periods President George HW Bush was 94 years old that's what's up this week @nasa for more on these and other stories follow us on the web at nasa.gov this last one