our astronauts doing work outside the space station an agency-wide town hall with our new administrator and old data provide new insight about Jupiter's moon Europa a few of the stories to tell you about this week at NASA on May 16th outside the International Space Station our astronauts drew Feustel and ricky arnold made a spacewalk to help swap out a failed cooling system component with a spare it is one of several on the station's truss structure that helps maintain proper temperature for critical systems aboard the station
for style and Arnold also worked on

replacing a camera system on the Destiny

laboratory and a communications receiver

on May 17th during an agency-wide town hall that originated from headquarters

our new administrator Jim Bridenstine discussed a variety of topics attracting

talent is not a problem that NASA has what we've got to make sure we're doing

is making sure that we're attracting the diverse talent that ultimately is the best talent the goal is we need the absolute best workforce for the absolute best agency the administrator also took
questions from employees in the audience

and those participating remotely from centers and facilities across the country.

Brian Stein who officially took office on April 23rd takes over an agency critical to the nation's economy.

security and technological preeminence on May 17th while passing the moon on its way to its final working orbit the transiting exoplanet survey satellite or Tess our next planet hunter snapped a test image of the southern constellation Centaurus that reveals more than 200,000
Tess is expected to cover more than 400 times as much sky as shown in the image during its initial two-year search for exoplanets. A science quality image, also referred to as a first light image, is expected to be released in June. Old data from our Galileo mission re-examined with new modeling techniques are providing new insight into the question of whether Jupiter's moon Europa has the ingredients to support life we were aware of the possibility but it was certainly not something that we thought was highly probable.
quite an aha moment the data from

Galileo's closest flyby of Europa in 1997 have revealed independent evidence that the subsurface liquid water reservoir on the moon may be venting plumes of water vapor above its icy shell this is good news for our Europa clipper mission which may launch as early as June 2022 to explore the moon's potential habitability on May 15th asteroid 2010 wc9 passed between Earth and the moon while traveling at about 29,000 miles per hour at the time of closest approach the asteroid came no
closer to Earth's surface than about 120 thousand miles which is about half the distance between Earth and the moon, this flyby is the closest approach WC9 will make to earth for at least two centuries expedition 56:57

the next crew headed to the International Space Station was in Star City, Russia prepping for their mission. our Serena aunon Chancellor Sergei Prokofiev of Roscosmos and Alexander Gerst of the European Space Agency are scheduled to launch June 6 from Kazakhstan for a six and a half month
mission on the station that's what's up

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