



1
00:00:00,520 --> 00:00:04,900

"Here's some of the stories trending This
Week at NASA!"

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00:00:04,900 --> 00:00:09,709

The NASA team that will conduct the OSIRIS-REx
mission, the agency's first to collect samples

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00:00:09,709 --> 00:00:14,710

from an asteroid, was given the go-ahead on
Wednesday to start building the spacecraft,

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00:00:14,710 --> 00:00:19,120

flight instruments and ground launch support
facilities, thanks to a successful Mission

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00:00:19,120 --> 00:00:20,680

Critical Design Review.

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00:00:20,680 --> 00:00:27,260

OSIRIS-REx is scheduled to launch in 2016,
rendezvous with the asteroid Bennu in 2018

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00:00:27,260 --> 00:00:31,199

and return to Earth with a sample of the asteroid
in 2023.

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00:00:31,199 --> 00:00:35,579

The mission seeks answers about the organic
materials of the early solar system that made

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00:00:35,579 --> 00:00:37,780

life possible here on Earth.

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00:00:37,780 --> 00:00:43,170

It also could support NASA's Asteroid Initiative,
which will include the first mission to identify,

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00:00:43,170 --> 00:00:48,400

capture and relocate an asteroid for astronauts to explore.

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00:00:48,400 --> 00:00:53,739

NASA Administrator Charlie Bolden testified on Capitol Hill Tuesday before the House Appropriations

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00:00:53,739 --> 00:00:57,860

Subcommittee on Commerce, Justice, Science and related agencies.

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00:00:57,860 --> 00:01:03,329

The Administrator responded to questions about NASA's Fiscal Year 2015 Budget request and

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00:01:03,329 --> 00:01:07,999

he also addressed the agency's requirement to properly balance the valuable involvement

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00:01:07,999 --> 00:01:12,390

in its missions of international partners -- with the protection of sensitive information

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00:01:12,390 --> 00:01:15,009

and technologies.

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00:01:15,009 --> 00:01:19,499

During a hearing of the Senate Committee on Commerce, Science, and Transportation's Subcommittee

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00:01:19,499 --> 00:01:24,820

on Science and Space titled, From Here to Mars, NASA Associate Administrator for Human

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00:01:24,820 --> 00:01:30,020

Exploration and Operations Bill Gerstenmaier and others, discussed the intermediate plans

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00:01:30,020 --> 00:01:36,409

NASA and its international partners are working

on in preparation to send astronauts to Mars.

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00:01:36,409 --> 00:01:40,979

These include a human mission to a near-Earth asteroid to test and develop the technologies

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00:01:40,979 --> 00:01:43,929

needed for long duration space travel.

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00:01:43,929 --> 00:01:49,529

The Jet Propulsion Laboratory hosted members of the media Wednesday for an overview of

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00:01:49,529 --> 00:01:53,259

NASA's Low Density Supersonic Decelerator project.

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00:01:53,259 --> 00:01:59,139

In early June, LDSO will fly a rocket-powered, saucer-shaped test vehicle into near-space

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00:01:59,139 --> 00:02:03,450

from the U.S. Navy's Pacific Missile Range Facility in Hawaii.

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00:02:03,450 --> 00:02:09,070

This technology could help NASA develop future inflatable spacecraft systems capable of safely

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00:02:09,070 --> 00:02:14,830

land heavier and larger payloads than ever before to planets with atmospheres.

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00:02:14,830 --> 00:02:19,810

During a visit to Johnson Space Center on Thursday, Administrator Bolden talked with

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00:02:19,810 --> 00:02:22,810

employees about the FY2015 budget request.

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00:02:22,810 --> 00:02:28,000
He also toured the newly renovated and historic
White Flight Control Room in Mission Control

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00:02:28,000 --> 00:02:32,030
-- previously used for the final series of
Space Shuttle flights.

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00:02:32,030 --> 00:02:37,020
The control room will now support NASA's next
generation of spacecraft and missions.

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00:02:37,020 --> 00:02:42,620
A Russian ISS Progress cargo ship launched
on April 9 from the Baikonur Cosmodrome in

36
00:02:42,620 --> 00:02:47,360
Kazakhstan with almost three tons of food
and other supplies for the crew aboard the

37
00:02:47,360 --> 00:02:49,030
International Space Station.

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00:02:49,030 --> 00:02:54,280
Six hours later, the Progress docked in the
same parking spot vacated by another Progress,

39
00:02:54,280 --> 00:03:00,410
which departed two days earlier carrying trash
and other unneeded items.

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00:03:00,410 --> 00:03:05,571
On April 10, Disney Parks celebrated the 50th
anniversary of the iconic song "It's a Small

41
00:03:05,571 --> 00:03:11,230
World" and its namesake attraction that opened
as a tribute to UNICEF's work for children

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00:03:11,230 --> 00:03:15,060

around the world at the 1964 New York World's Fair.

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00:03:15,060 --> 00:03:19,750

NASA is recognizing the anniversary with a video of the International Space Station and

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00:03:19,750 --> 00:03:27,040

its crew, that highlights the Earth observations, space exploration, scientific experiments,

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00:03:27,040 --> 00:03:32,850

technology testing and international cooperation that takes place aboard the orbiting laboratory.

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00:03:32,850 --> 00:03:39,640

From its unique vantage point 260 miles above Earth, the ISS helps reveal that it really

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00:03:39,640 --> 00:03:42,310

is a small world after all.

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00:03:42,310 --> 00:03:44,330

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