



1

00:00:00,669 --> 00:00:05,120

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

2

00:00:05,120 --> 00:00:11,130

On May 16, NASA held a media event at Marshall Space Flight Center in Huntsville, Alabama,

3

00:00:11,130 --> 00:00:16,390

to highlight the recent arrival of the barge Pegasus with the first core stage test article

4

00:00:16,390 --> 00:00:19,460

for NASA's Space Launch System (SLS) rocket.

5

00:00:19,460 --> 00:00:25,529

NASA modified Pegasus to accommodate the massive SLS core stage, increasing the barge's length

6

00:00:25,529 --> 00:00:27,070

and weight-carrying capacity.

7

00:00:27,070 --> 00:00:32,480

The core stage test article – manufactured at the agency’s Michoud Assembly Facility,

8

00:00:32,480 --> 00:00:37,409

in New Orleans – is the first of four core stage test articles scheduled to be delivered

9

00:00:37,409 --> 00:00:39,559

to Marshall for testing.

10

00:00:39,559 --> 00:00:44,989

This delivery marks a critical milestone toward Exploration Mission-1 (EM-1), the first flight

11

00:00:44,989 --> 00:00:48,059

of SLS and NASA’s Orion spacecraft.

12  
00:00:48,059 --> 00:00:52,960  
It also brings the agency a step closer to sending humans to deep space destinations

13  
00:00:52,960 --> 00:00:56,660  
– including Mars.

14  
00:00:56,660 --> 00:01:01,929  
Also on May 16, NASA's Acting Administrator Robert Lightfoot discussed the agency's

15  
00:01:01,929 --> 00:01:08,299  
goals and plans for the future during a conversation with journalist Alison Stewart at The Atlantic's

16  
00:01:08,299 --> 00:01:12,460  
space forum, "On the Launchpad: Return to Deep Space."

17  
00:01:12,460 --> 00:01:17,229  
The event, held at the Newseum in Washington, brought together policy makers, key players

18  
00:01:17,229 --> 00:01:23,229  
from NASA, and space industry experts to explore the technologies needed for successful human

19  
00:01:23,229 --> 00:01:25,270  
missions to deep space.

20  
00:01:25,270 --> 00:01:30,799  
Lightfoot highlighted the agency's plans for a flexible, reusable and sustainable infrastructure

21  
00:01:30,799 --> 00:01:35,840  
to support exploration missions of increasing complexity that will eventually take humans

22

00:01:35,840 --> 00:01:38,189  
to Mars.

23  
00:01:38,189 --> 00:01:43,540  
The U.S. Astronaut Hall of Fame inducted its  
two newest members on May 19.

24  
00:01:43,540 --> 00:01:49,539  
Ellen Ochoa, the director of NASA's Johnson  
Space Center in Houston, veteran of four spaceflights

25  
00:01:49,539 --> 00:01:55,110  
and the first Hispanic woman to go to space,  
and Mike Foale, who has served on the space

26  
00:01:55,110 --> 00:01:59,970  
shuttle, the Russian space station Mir, and  
the International Space Station, were inducted

27  
00:01:59,970 --> 00:02:06,140  
to the hall during a ceremony at the Kennedy  
Space Center Visitor Complex in Florida.

28  
00:02:06,140 --> 00:02:11,761  
NASA took students and educators on a virtual  
tour inside Johnson Space Center's Meteorite

29  
00:02:11,761 --> 00:02:14,360  
Curation Laboratory recently.

30  
00:02:14,360 --> 00:02:20,510  
The activity highlighted the special facilities  
and tools used to examine meteorites discovered

31  
00:02:20,510 --> 00:02:25,500  
in Antarctica and explained how these rocks  
help researchers understand more about our

32  
00:02:25,500 --> 00:02:27,140  
solar system.

33

00:02:27,140 --> 00:02:32,090

The tour was part of NASA's partnership with Texas Instruments to host "The Search

34

00:02:32,090 --> 00:02:38,319

for STEMnauts," a virtual scavenger hunt designed to ignite students' interest in