



1

00:00:00,100 --> 00:00:04,400

Hey, I'm NASA Kennedy's Ana Arvelo, taking you Inside KSC!

2

00:00:06,960 --> 00:00:13,019

The United Launch Alliance Atlas V first stage booster for NASA's next mission, TDRS-M, recently

3

00:00:13,019 --> 00:00:17,590

was transported from the Atlas Spaceflight Operations Center at Cape Canaveral Air Force

4

00:00:17,590 --> 00:00:20,830

Station to Space Launch Complex 41.

5

00:00:20,830 --> 00:00:26,720

Now positioned on the launch pad, the rocket's Centaur upper stage and encapsulated spacecraft

6

00:00:26,720 --> 00:00:28,640

also will be lifted into place.

7

00:00:28,640 --> 00:00:34,200

NASA's Tracking and Data Relay Satellite, or TDRS-M, is scheduled to lift off at 9:02

8

00:00:34,200 --> 00:00:36,840

a.m. on Aug. 3rd.

9

00:00:36,840 --> 00:00:41,540

The turn basin wharf at NASA's Kennedy Space Center is undergoing upgrades to handle NASA's

10

00:00:41,540 --> 00:00:43,310

new Space Launch System rocket.

11

00:00:43,310 --> 00:00:48,079

The dock, which was used for offloading of external tanks during the Space Shuttle Program,

12
00:00:48,079 --> 00:00:54,610
is now getting a makeover to accommodate the much larger SLS core stage when it arrives.

13
00:00:54,610 --> 00:00:59,260
The 212-foot-long core stage is more than 50 feet longer than the shuttle's tank.

14
00:00:59,260 --> 00:01:03,210
It serves as the structural backbone for the rocket designed to boost astronauts aboard

15
00:01:03,210 --> 00:01:09,290
the Orion spacecraft beyond low-Earth orbit to destinations such as Mars.