



1

00:00:02,380 --> 00:00:09,010

And earlier today we had taken you on location here at the Johnson Space Center where we talked

2

00:00:09,010 --> 00:00:13,130

with Monica Visinsky, a test coordinator for a new construction of a device.

3

00:00:13,130 --> 00:00:16,600

We're taking you back to Building 9 now again.

4

00:00:16,600 --> 00:00:21,760

That is the location where the testing of this new device is taking place.

5

00:00:21,760 --> 00:00:25,680

It is that device once again is called the Japanese Experiment Module ORU

6

00:00:25,680 --> 00:00:26,820

Transfer Interface.

7

00:00:26,820 --> 00:00:32,700

You can see that here now, close up, of it in operation.

8

00:00:32,700 --> 00:00:37,330

The device will allow the crew to put Orbital Replacement Units, or ORUs,

9

00:00:37,330 --> 00:00:41,690

through this small airlock in the Japanese Experiment Module.

10

00:00:41,690 --> 00:00:45,510

This is so Dextre, the station's two-armed robot,

11

00:00:45,510 --> 00:00:49,410

can change out those ORUs without a spacewalk.

12

00:00:49,410 --> 00:00:53,760

With the new device any of these failed ORUs can then be brought back

13

00:00:53,760 --> 00:00:56,340

in for repair and/or return to the ground.

14

00:00:56,340 --> 00:00:58,910

Again ORU is Orbital Replacement Units.

15

00:00:58,910 --> 00:01:08,440

Those can be either a storage tank or controller box, antenna, a pump, anything that has failed

16

00:01:08,440 --> 00:01:12,690

and on the outside of the station and they can quickly pull that in again.