



1

00:00:00,376 --> 00:00:06,336

Commentator: This is Mission Control Houston with the ISS update today on Monday, August 29.

2

00:00:06,336 --> 00:00:10,886

The team here in the flight control room is continuing to follow along with the activities

3

00:00:10,886 --> 00:00:16,346

of the Expedition 28 crew focusing on some maintenance work, storing equipment

4

00:00:16,346 --> 00:00:18,736

and supplies and some science activities.

5

00:00:19,296 --> 00:00:23,376

Commentator: We've seen astronaut Ron Garan inside the Destiny Laboratory module

6

00:00:23,376 --> 00:00:28,396

where he is relocating some items per a procedure put together by Mission Control

7

00:00:28,396 --> 00:00:32,686

to help with the efficient storage of the supplies that help

8

00:00:32,686 --> 00:00:35,976

with the crew's health including equipment

9

00:00:36,026 --> 00:00:40,936

for the exercise machines and other associated tools.

10

00:00:41,196 --> 00:00:51,056

Garan is also scheduled to unpack some supplies and equipment that were delivered

11

00:00:51,056 --> 00:00:53,546

to the space station by space
shuttle Atlantis this summer,

12
00:00:54,446 --> 00:01:00,736
and then he will join his crew mates with
speaking to students here on Earth at the Museum

13
00:01:00,736 --> 00:01:05,486
of Flight in Seattle for an educational
event later this afternoon that will air live

14
00:01:05,486 --> 00:01:08,576
on NASA Television at 12:35 p.m. Central time.

15
00:01:08,576 --> 00:01:16,316
Fossum: ...clean up the area and have
ready to go and I'm chomping at the bit

16
00:01:16,316 --> 00:01:21,676
which I know the EHC team
remembers from the last training

17
00:01:21,676 --> 00:01:25,896
out there really am looking
forward to getting into MARES

18
00:01:25,896 --> 00:01:27,166
and figuring out what's going on there.

19
00:01:27,166 --> 00:01:32,816
Satoshi's got some questions about
tool gathering - one that I'll bring

20
00:01:32,816 --> 00:01:39,906
up first is vice grips, it's item
number 22 on the hardware gather list.

21
00:01:39,906 --> 00:01:46,236
We have not seen vice grips in the
Node 1 tool box since I got here.

22

00:01:46,236 --> 00:01:49,206

It was something I noticed
immediately on arrival...

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00:01:49,206 --> 00:01:51,586

Commentator: Astronaut Mike
Fossum is now speaking

24

00:01:51,586 --> 00:01:56,456

with the Payload Operations Integration Center
about getting ready for some activities later

25

00:01:56,456 --> 00:02:02,596

in the week starting tomorrow with
Japanese astronaut Satoshi Furukawa as well

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00:02:03,186 --> 00:02:08,086

to do some troubleshooting on the MARES
experiment, which is the Muscle Atrophy Research

27

00:02:08,086 --> 00:02:11,586

and Exercise System which is
studying human physiology in space.

28

00:02:12,306 --> 00:02:17,866

That experiment had some trouble on its initial
startup with some bolts that were sheared off

29

00:02:17,866 --> 00:02:23,926

and some power-up issues that the team has put
together a procedure to troubleshoot this week.

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00:02:24,526 --> 00:02:30,146

Fossum was working with the payload center
earlier today as well with the change

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00:02:30,146 --> 00:02:35,656

out of samples in the materials science
laboratory, and he cleaned a filter in one

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00:02:35,656 --> 00:02:38,926

of the freezers on board which stores the science samples.

33

00:02:38,996 --> 00:02:43,936

Commentator: The crew members are continuing

34

00:02:43,936 --> 00:02:49,706

on with a busy schedule inside the space station while overnight while they were sleeping the

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00:02:49,706 --> 00:02:53,726

team here in Mission Control was operating a robot on the outside of the station.

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00:02:53,726 --> 00:02:59,686

The Dextre robot is part of the Canadian Space Agency's robotic system [and] was going

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00:02:59,686 --> 00:03:03,676

through the first half of procedures to remove and replace a circuit breaker

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00:03:04,206 --> 00:03:06,376

or what's called a Remote Power Controller Module

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00:03:06,816 --> 00:03:08,756

in the truss on the outside of the station.

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00:03:08,826 --> 00:03:12,106

That actual maintenance work will be done tonight

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00:03:12,606 --> 00:03:18,026

but the preparation was done overnight getting ready and latching onto the new circuit breaker.

42

00:03:18,816 --> 00:03:24,026

Commentator: That concludes today's ISS update.