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MISSION CONTROL CENTER



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1

00:00:07,240 --> 00:00:10,260

Good Monday morning from Mission Control Houston.

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00:00:10,260 --> 00:00:15,330

This is the International Space Station flight control room as you're looking at the team

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00:00:15,330 --> 00:00:21,320

of flight controllers watching over data on their consoles, supporting all of the systems

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00:00:21,320 --> 00:00:24,160

onboard the International Space Station.

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00:00:24,160 --> 00:00:34,420

The orbiting complex tracking about 250 miles above the South Pacific, just having moved

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00:00:34,420 --> 00:00:39,110

into an orbital sunrise, and it's just about to swing across the southern tip of Chile

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00:00:39,110 --> 00:00:46,350

before heading out across the South Atlantic and then up across portions of Africa.

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00:00:46,350 --> 00:00:52,450

The systems onboard the station are in excellent shape, and the crew onboard had a great weekend,

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00:00:52,450 --> 00:00:59,410

a quiet weekend, with some routine maintenance activities onboard, and then got into a busy

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00:00:59,410 --> 00:01:06,000

day of work today with some household maintenance and some experiment work onboard for the three

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00:01:06,000 --> 00:01:07,310

crew members.

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00:01:07,310 --> 00:01:13,860

The flight control team here is being led by veteran flight director Matt Abbott, you

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00:01:13,860 --> 00:01:15,810

see there in the blue shirt.

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00:01:15,810 --> 00:01:22,829

And he is joined by veteran astronaut Shannon Lucid who is serving as the communications

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00:01:22,829 --> 00:01:27,490

interface between this team and the crew aboard the International Space Station.

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00:01:27,490 --> 00:01:33,719

And Mike, that's affirmative on all counts.

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00:01:33,719 --> 00:01:39,950

We're working and now you can work.

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00:01:39,950 --> 00:01:42,619

[Laughs] Will do.

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00:01:42,619 --> 00:01:43,619

Thanks.

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00:01:43,619 --> 00:01:45,289

You're welcome!

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00:01:45,289 --> 00:01:52,479

That crew aboard the International Space Station includes ISS Expedition 29 Commander Mike

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00:01:52,479 --> 00:01:57,869

Fossum, you saw move there through the U.S. laboratory Destiny.

23
00:01:57,869 --> 00:02:05,039
He is joined by his fellow crewmates, Russian cosmonaut Sergei Volkov who served as part

24
00:02:05,039 --> 00:02:11,180
of the Expedition 17 crew back in April to October 2008.

25
00:02:11,180 --> 00:02:19,280
And they're also joined by Japanese Aerospace Exploration Agency astronaut Satoshi Furukawa.

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00:02:19,280 --> 00:02:21,660
He is on his first flight into space.

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00:02:21,660 --> 00:02:29,000
All three gentleman enjoying their 130th day aboard the International Space Station today.

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00:02:29,000 --> 00:02:34,240
132 days total in space.

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00:02:34,240 --> 00:02:40,750
The crew members woke up a little bit after midnight, U.S. central time.

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00:02:40,750 --> 00:02:48,520
They finish their day heading to bed about 4:30 in the afternoon each day.

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00:02:48,520 --> 00:02:54,330
In between that all of their routine activities are folded into the experiment work the crew

32
00:02:54,330 --> 00:02:56,520
members conduct as well.

33
00:02:56,520 --> 00:03:03,450

Mike Fossum has spent some time swapping out a, essentially part of a, electrical system

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00:03:03,450 --> 00:03:10,730
onboard the station in one of the, behind one of the racks inside the laboratory Destiny.

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00:03:10,730 --> 00:03:16,190
That switching unit, periodically those fail, and there's plenty of spares onboard the

36
00:03:16,190 --> 00:03:23,360
station to swap out those switching units, and that system's been fully recovered.

37
00:03:23,360 --> 00:03:28,920
Another switching unit is planned to be swapped out in the coming days this week for the crew

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00:03:28,920 --> 00:03:33,020
members onboard.

39
00:03:33,020 --> 00:03:38,790
Busy week set aside for the crew that will include some interviews for the crew members.

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00:03:38,790 --> 00:03:47,070
Mike Fossum will talk with two network news media organizations on Wednesday and then

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00:03:47,070 --> 00:03:53,040
on Friday he'll talk to a group of school students in Birmingham, Alabama, to talk about

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00:03:53,040 --> 00:04:00,620
life aboard the International Space Station.

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00:04:00,620 --> 00:04:07,930
So the crew spending the first day of their workweek with experiments onboard in various

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00:04:07,930 --> 00:04:16,259

laboratories on the station, maintenance activities,
exercise, typical routine that one would enjoy