



1
00:00:01,576 --> 00:00:02,166

Good morning.

2
00:00:02,166 --> 00:00:03,456

This is Mission Control Houston.

3
00:00:04,116 --> 00:00:06,276

We're live from the Mission
Control Center located

4
00:00:06,276 --> 00:00:08,296

at the Johnson Space Center in Houston, Texas.

5
00:00:08,736 --> 00:00:12,166

You're looking at a live view here in the
International Space Station Flight Control Room.

6
00:00:12,946 --> 00:00:19,886

This is a view of the Orbit 2 Team on duty
being led by Flight Director Chris Edelen,

7
00:00:20,316 --> 00:00:22,526

shown here in the lower right
portion of your view.

8
00:00:22,526 --> 00:00:26,356

He's leading this team in the
second part of the crew day.

9
00:00:27,506 --> 00:00:31,486

About 25 different flight controllers
here supporting the vehicle itself,

10
00:00:31,486 --> 00:00:34,816

as well as the on-orbit crew and the operations.

11
00:00:37,656 --> 00:00:41,356

Edelen is also being supported by
veteran astronaut Shannon Lucid,

12

00:00:41,356 --> 00:00:44,546

who's representing the crew
office at the Capcom console.

13

00:00:45,056 --> 00:00:48,326

They serve as the voice of the flight control
team as needed with the on-orbit crew.

14

00:00:57,006 --> 00:00:59,766

All of the activities are going
smoothly here in the control center.

15

00:00:59,866 --> 00:01:02,726

The vehicle itself performing well
and on a north-easterly track.

16

00:01:03,046 --> 00:01:08,086

It's just made it's way over Iran
and traveling now over Uzbekistan.

17

00:01:08,216 --> 00:01:12,716

It'll continue on a north-easterly
track, making it's way over Kazakhstan

18

00:01:13,086 --> 00:01:15,646

and the border of Mongolia and Russia.

19

00:01:22,506 --> 00:01:27,606

Onboard, the Expedition 30 crew is working
steadily through their afternoon activities.

20

00:01:28,026 --> 00:01:31,756

We don't have a live uplink with the station
at the moment, but they've been continuing

21

00:01:32,096 --> 00:01:33,606

on track through their afternoon.

22

00:01:33,806 --> 00:01:36,936

They're about midway through their afternoon having just completed their lunch break

23

00:01:36,936 --> 00:01:38,036

about two hours ago.

24

00:01:38,786 --> 00:01:43,676

This is a look at the crew with Commander and NASA astronaut Dan Burbank there at the center

25

00:01:44,066 --> 00:01:48,896

and in the left of the view is Anton Shkaplerov at the left, and to his right,

26

00:01:49,266 --> 00:01:55,746

Anatoly Ivanishin also a fellow cosmonaut to the right and Flight Engineer 2 for this crew.

27

00:01:56,746 --> 00:01:58,506

Again, all the activities going smoothly.

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00:02:00,016 --> 00:02:04,056

The crew woke up at midnight Central time and after about an hour and a half

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00:02:04,056 --> 00:02:08,966

for personal time, hygiene and their breakfast they had their daily planning conference

30

00:02:08,966 --> 00:02:13,446

which is a start-of-the-day tagup with all of the supporting flight control centers.

31

00:02:14,676 --> 00:02:16,676

The first task of the day included some work

32

00:02:16,676 --> 00:02:19,346

on the Environmental Health System air quality monitoring,

33
00:02:19,736 --> 00:02:22,926
as well as the Intramodular Valve monitoring.

34
00:02:24,596 --> 00:02:28,056
Burbank's morning also included
the monthly inspection of the TVIS,

35
00:02:28,056 --> 00:02:30,666
or the special treadmill that's
used by the on-orbit crews.

36
00:02:31,096 --> 00:02:33,626
He also did some computer
work in the Columbus module

37
00:02:33,996 --> 00:02:37,966
and performed a HAM radio
event with students in Japan.

38
00:02:38,286 --> 00:02:41,646
After their morning activities,
again they had a midday meal.

39
00:02:41,986 --> 00:02:47,266
The afternoon has included some
additional work on a science experiment,

40
00:02:47,416 --> 00:02:51,786
specifically about an hour or so
dedicated to work with the PACE experiment,

41
00:02:51,786 --> 00:02:54,506
which is the Preliminary
Advanced Colloids Experiment.

42
00:02:55,136 --> 00:02:59,056
We have some video of Dan Burbank working on the
experiment we'll play for you later this hour.

43

00:03:01,176 --> 00:03:07,166

He also performed an analysis on a sample from the Total Organic Carbon Analyzer known as TOCA

44

00:03:07,636 --> 00:03:10,326

and the Water Recovery System and also performed part

45

00:03:10,326 --> 00:03:13,386

of his exercise session using the resistive exercise device.

46

00:03:14,036 --> 00:03:19,586

His cosmonaut counterparts also worked on Medical Officer proficiency training,

47

00:03:19,586 --> 00:03:25,556

as well as their exercise sessions and a swap out of the photo-TV camcorders onboard.

48

00:03:27,076 --> 00:03:29,046

The crew also joined for an audio conference