



1

00:00:01,850 --> 00:00:04,240

Good morning, this is mission control Houston.

2

00:00:04,240 --> 00:00:06,670

Thank you for joining us for  
this morning's early edition

3

00:00:06,670 --> 00:00:09,590

of ISS update this Wednesday, November 16th.

4

00:00:09,590 --> 00:00:13,900

You are now joining us live from inside the  
International Space Station Flight Control Room

5

00:00:13,900 --> 00:00:16,820

of the Christopher C. Craft mission control

6

00:00:16,820 --> 00:00:20,300

where the team seen here has been  
monitoring the systems aboard the station

7

00:00:20,300 --> 00:00:25,320

and supporting the day's activities  
of the Expedition 29 crew members.

8

00:00:25,320 --> 00:00:29,110

Leading the team here in the station flight  
control room today is Flight Director Ed Van

9

00:00:29,110 --> 00:00:34,100

Cise, also with Shannon Lucid  
who is serving as capcom,

10

00:00:34,100 --> 00:00:38,870

relaying all ground messages up to the crew.

11

00:00:38,870 --> 00:00:44,000

Aboard the orbiting complex, the Expedition  
29 crew has grown from three members

12

00:00:44,000 --> 00:00:46,770

to now six crew members at  
the top of the morning.

13

00:00:46,770 --> 00:00:52,900

The Soyuz TMA-22 spacecraft  
carrying NASA astronaut Dan Burbank

14

00:00:52,900 --> 00:00:57,480

and Russian cosmonauts Anton  
Shkaplerov and Anatoly Ivanishin docked

15

00:00:57,480 --> 00:01:04,730

to the International Space Station's Poisk  
mini-research module at 11:24 CT last night.

16

00:01:04,730 --> 00:01:08,700

The trio had launched from the  
Baikonur Cosmodrome in Kazakhstan

17

00:01:08,700 --> 00:01:12,540

at 10:14 p.m. CT this past Sunday.

18

00:01:12,540 --> 00:01:19,720

After the hatches between Soyuz and station  
were opened at 1:39 a.m. CT this morning,

19

00:01:19,720 --> 00:01:26,020

Expedition 29 Commander Mike Fossum  
and Flight Engineers Satoshi Furukawa

20

00:01:26,020 --> 00:01:29,010

of the Japan Aerospace Exploration Agency

21

00:01:29,010 --> 00:01:33,550

and Russian cosmonaut Sergei Volkov  
welcomed the new flight engineers aboard

22

00:01:33,550 --> 00:01:37,390

for their four-month stay  
on the orbiting complex.

23

00:01:37,390 --> 00:01:41,760

The six station crew members will have  
a little less than a week together

24

00:01:41,760 --> 00:01:44,270

as the Expedition 29 crew before Fossum,

25

00:01:44,270 --> 00:01:49,950

Furukawa and Volkov head home Monday  
aboard the Soyuz TMA-02M spacecraft

26

00:01:49,950 --> 00:01:52,840

that brought them to the station June 9.

27

00:01:52,840 --> 00:01:57,990

Commander Fossum, Furukawa and Volkov are now  
in their final week aboard the orbiting complex

28

00:01:57,990 --> 00:02:05,090

as the Expedition 29 crew and complete  
their 162nd day in space today.

29

00:02:36,090 --> 00:02:43,180

Commander Fossum, Furukawa and Volkov  
will depart and mark the beginning

30

00:02:43,180 --> 00:02:45,500

of Expedition 30, under the command of Burbank.

31

00:02:45,500 --> 00:02:50,970

A formal change-of-command  
ceremony is planned for this Sunday.

32

00:02:50,970 --> 00:02:55,640

Three additional Expedition 30 flight  
engineers, NASA astronaut Don Pettit,

33  
00:02:55,640 --> 00:03:02,690  
Russian cosmonaut Oleg Kononenko and European  
Space Agency astronaut Andre Kuipers,

34  
00:03:02,690 --> 00:03:04,100  
are scheduled to launch to the station Dec.

35  
00:03:04,100 --> 00:03:15,320  
21. NASA Astronaut Dan Burbank is  
making his third visit to the station.

36  
00:03:15,320 --> 00:03:19,300  
His previous two visits were both  
aboard space shuttle Atlantis.

37  
00:03:19,620 --> 00:03:23,180  
During the STS-106 mission in September 2000,

38  
00:03:23,180 --> 00:03:26,490  
he helped prepare the station  
for its first permanent crew.

39  
00:03:26,490 --> 00:03:33,140  
During STS-115 in September 2006, he  
conducted a 7-hour, 11-minute spacewalk

40  
00:03:33,140 --> 00:03:38,350  
that completed truss installation,  
activated the solar alpha rotary joint

41  
00:03:38,350 --> 00:03:41,050  
and enabled the solar arrays to be deployed.

42  
00:03:41,050 --> 00:03:45,580  
This is the first spaceflight for  
both Shkaplerov and Ivanishin.

43  
00:04:01,080 --> 00:04:04,620

The space station with its crew on board is now flying

44

00:04:04,620 --> 00:04:10,060  
at an altitude of about 250 statute miles.

45

00:04:10,060 --> 00:04:15,530  
The orbiting facility just made a south-eastern track across the Indian Ocean,

46

00:04:16,750 --> 00:04:23,410  
entering an orbital sunset and now on a eastern, north-eastern track headed just south

47

00:04:23,410 --> 00:04:27,610  
of Australia and headed across New Zealand.

48

00:04:27,610 --> 00:04:31,770  
Fossum, Furukawa and Volkov aboard the International Space Station had adjusted their

49

00:04:31,770 --> 00:04:37,690  
sleep schedule to tend to welcoming their new crew mates aboard.

50

00:04:37,690 --> 00:04:41,140  
The crew aboard began their day at 7 p.m. last night.

51

00:04:41,140 --> 00:04:44,710  
The joint crew is scheduled to enter its sleep period in a couple of hours

52

00:04:44,710 --> 00:04:47,830  
at about 10 a.m. this morning and is then scheduled for a wake

53

00:04:47,830 --> 00:04:52,510  
up at 1 a.m. CT tomorrow morning to begin its first day as a six-member crew

