



1
00:00:01,676 --> 00:00:04,056
Good day from NASA's
Johnson Space Center.

2
00:00:04,056 --> 00:00:05,786
This is Mission Control,
Houston.

3
00:00:06,216 --> 00:00:06,756
You're looking

4
00:00:06,756 --> 00:00:09,666
at the International Space
Station flight control room

5
00:00:09,666 --> 00:00:12,836
on this Thursday, July 5, 2012,

6
00:00:12,836 --> 00:00:15,976
as a team of flight controllers
watches over the shoulders

7
00:00:15,976 --> 00:00:20,296
of a orbiting crew aboard the
International Space Station.

8
00:00:20,636 --> 00:00:23,546
The commander of the crew in
the center is Gennady Padalka.

9
00:00:23,546 --> 00:00:28,196
He is on his fourth flight into
space and his fourth flight

10
00:00:28,196 --> 00:00:31,526
as a commander of that
spacecraft as well.

11
00:00:31,526 --> 00:00:33,466

Once aboard the space
station Mir -

12

00:00:33,466 --> 00:00:35,896

the Russian space station
- and now three times

13

00:00:36,226 --> 00:00:41,126

as expedition crew commander -
both Expedition 9, Expedition 19

14

00:00:41,126 --> 00:00:42,896

and now Expedition 32.

15

00:00:43,326 --> 00:00:46,346

He's joined by a
first-time flyer from Russia

16

00:00:46,346 --> 00:00:49,886

as a cosmonaut is on the left
in this view is Sergei Revin.

17

00:00:50,426 --> 00:00:54,186

And on the right is
U.S. astronaut Joe Acaba

18

00:00:54,416 --> 00:00:56,176

on his second flight into space,

19

00:00:56,176 --> 00:00:58,306

his first as a long-duration
crew member.

20

00:00:58,686 --> 00:01:03,116

He flew as a member
of the STS-119 crew,

21

00:01:03,496 --> 00:01:06,846

which is station
assembly flight 15A,

22

00:01:06,846 --> 00:01:11,026
which flew back in
March of 2009.

23

00:01:11,186 --> 00:01:14,326
Following an off-duty
day Wednesday,

24

00:01:14,386 --> 00:01:16,796
the crew of Expedition
32 is back at work.

25

00:01:16,796 --> 00:01:19,176
They're performing experiment
checks throughout the day,

26

00:01:19,176 --> 00:01:21,736
maintenance and some
routine housekeeping chores.

27

00:01:22,176 --> 00:01:24,356
They're also in the
midst of taking part

28

00:01:24,356 --> 00:01:27,606
in a training exercise to
practice initial crew actions

29

00:01:27,956 --> 00:01:31,126
in response to specific
emergency cases.

30

00:01:31,936 --> 00:01:34,796
Early in his day Acaba performed
an in-flight maintenance

31

00:01:34,796 --> 00:01:38,676
procedure on the water
hygiene compartment aboard the

32

00:01:38,676 --> 00:01:40,066
International Space Station.

33

00:01:40,696 --> 00:01:44,576
Prior to the training
exercise that's ongoing now,

34

00:01:44,576 --> 00:01:47,036
Acaba floated in
for a conversation

35

00:01:47,036 --> 00:01:49,036
about life aboard the
station with students

36

00:01:49,036 --> 00:01:52,166
at the Science Museum of
Virginia in Richmond as part

37

00:01:52,166 --> 00:01:55,016
of NASA's Summer of
Innovation program.

38

00:01:55,396 --> 00:01:58,086
His Russian colleagues
assisted where necessary

39

00:01:58,086 --> 00:01:59,506
with the maintenance activity.

40

00:01:59,926 --> 00:02:02,716
They also documented the
oceans as part of an experiment

41

00:02:02,716 --> 00:02:05,466
to periodically photograph
color contrasts

42

00:02:05,466 --> 00:02:07,566
and shapes along
the ocean surface.

43
00:02:07,996 --> 00:02:09,766
That data can improve
determination

44
00:02:09,766 --> 00:02:13,096
of productive fishing locations
at various times of the year.

45
00:02:13,896 --> 00:02:18,006
Crew also continues preparatory
work on board for the arrival

46
00:02:18,006 --> 00:02:21,136
of three new crew
members in about 10 days.

47
00:02:21,476 --> 00:02:25,876
The new crew members Yuri
Malenchenko, Suni Williams

48
00:02:25,876 --> 00:02:28,356
and Akihiko Hoshide are

49
00:02:28,356 --> 00:02:31,026
at the Baikonur Cosmodrome
in Kazakhstan.

50
00:02:31,446 --> 00:02:36,616
On Wednesday they attended
a traditional flag-raising

51
00:02:36,616 --> 00:02:40,136
ceremony outside the
Cosmonaut Hotel in Baikonur.

52
00:02:40,576 --> 00:02:44,986

The American, Japanese, Russian
and Kazakh flags were raised

53

00:02:44,986 --> 00:02:46,336
as part of that ceremony.

54

00:02:47,006 --> 00:02:49,136
Today - Thursday -
Williams, Malenchenko

55

00:02:49,136 --> 00:02:52,096
and Hoshide spent the day
reviewing their flight plan

56

00:02:52,486 --> 00:02:55,226
in preparation for their launch

57

00:02:55,336 --> 00:02:57,626
to the International
Space Station which begins

58

00:02:57,626 --> 00:02:59,596
with a launch on
their Soyuz rocket

59

00:02:59,596 --> 00:03:03,746
at 9:40 p.m. Central time
on Saturday, July 14.

60

00:03:04,366 --> 00:03:06,056
So it's another busy day

61

00:03:06,056 --> 00:03:09,646
on board the International
Space Station for Expedition 32