Expedition 33/ Soyuz 32 (TMA-06M) Launch Crew

Kevin Ford

Expedition 33
Flight Engineer

Oleg Novitskiy

Exp. 33 Flt. Engineer
Soyuz Commander

Evgeny Tarelkin

Expedition 33
Flight Engineer

1
00:00:02,066 --> 00:00:05,296
Good Monday morning from
NASA's Johnson Space Center.

2
00:00:05,296 --> 00:00:07,036
This is Mission Control Houston.

3
00:00:07,036 --> 00:00:10,066
It's October 22, 2012.

4
00:00:10,576 --> 00:00:12,946
A team of flight of
flight controllers here

5
00:00:12,946 --> 00:00:17,056
in the Station Mission Control
Center are overseeing activities

6
00:00:17,056 --> 00:00:20,106
aboard the International Space
Station throughout the day.

7
00:00:20,506 --> 00:00:23,056
The flight control
team today is led

8
00:00:23,056 --> 00:00:25,286
by Flight Director
Judd Frieling.

9
00:00:25,586 --> 00:00:29,496
He's joined on console
by Capcom who is serving

10
00:00:29,496 --> 00:00:32,956
as a spacecraft communicator,
or the person who is in charge

11
00:00:32,956 --> 00:00:37,936

of activities of linking the
voice, in terms of the voice

12
00:00:37,936 --> 00:00:40,536
between this team and the
crew onboard the International

13
00:00:40,536 --> 00:00:41,386
Space Station.

14
00:00:41,866 --> 00:00:45,536
That crew enjoying its
100th day in space today,

15
00:00:46,206 --> 00:00:48,436
led by Commander Suni Williams.

16
00:00:48,436 --> 00:00:52,956
She's on her second,
or her third flight

17
00:00:53,286 --> 00:00:55,326
into space, actually second.

18
00:00:55,326 --> 00:00:58,496
She served on the
Expedition 14 and 15 crews.

19
00:00:59,126 --> 00:01:03,416
So she's very well-versed in
long-duration stays in space.

20
00:01:03,496 --> 00:01:05,156
She's joined in the center.

21
00:01:05,156 --> 00:01:09,576
You see Yuri Malenchenko
the most flown crew member

22

00:01:09,576 --> 00:01:13,416
of the three that represent
the Expedition 33 crew,

23
00:01:13,416 --> 00:01:14,586
a Russian cosmonaut.

24
00:01:15,036 --> 00:01:16,966
He's flown on the shuttle.

25
00:01:16,966 --> 00:01:22,176
He's flown to the Russian Mir
space station and also served

26
00:01:22,176 --> 00:01:23,876
on a couple of Expedition crews

27
00:01:23,876 --> 00:01:25,586
to the International
Space Station.

28
00:01:26,106 --> 00:01:31,206
Also part of the Expedition 33
crew is Aki Hoshide representing

29
00:01:31,206 --> 00:01:34,316
the Japanese Aerospace
Exploration Agency.

30
00:01:34,576 --> 00:01:35,866
He's on his second flight.

31
00:01:35,866 --> 00:01:40,426
He flew a shuttle mission
STS-124 before taking part

32
00:01:40,426 --> 00:01:43,896
in this long-duration flight to
the International Space Station.

33
00:01:44,296 --> 00:01:47,816
These three crew members arrived
at the station back in mid-July

34
00:01:48,226 --> 00:01:50,616
and they are scheduled
to return home late

35
00:01:50,616 --> 00:01:54,146
at night U.S. time
on November 18.

36
00:01:57,246 --> 00:02:01,546
The crew is busily
preparing for the arrival

37
00:02:01,546 --> 00:02:03,766
of three new crew members

38
00:02:03,766 --> 00:02:06,686
to join them aboard the
International Space Station

39
00:02:07,056 --> 00:02:10,046
as part of the Expedition
33 crew for awhile

40
00:02:10,046 --> 00:02:12,136
until that November departure.

41
00:02:12,566 --> 00:02:16,946
The three newest crew members
are at the Baikonur Cosmodrome

42
00:02:16,946 --> 00:02:19,206
in Kazakhstan preparing

43
00:02:19,206 --> 00:02:23,356
for their launch scheduled

for Tuesday morning.

44
00:02:23,726 --> 00:02:28,696
The crew members will support
Expedition 33 and Expedition 34.

45
00:02:28,696 --> 00:02:34,196
They'll launch on Tuesday aboard
their Soyuz TMA-06M spacecraft.

46
00:02:34,196 --> 00:02:37,766
U.S. astronaut Kevin Ford, one
of the three crew members along

47
00:02:37,766 --> 00:02:41,496
with two rookie cosmonauts,
Oleg Novitskiy

48
00:02:41,796 --> 00:02:47,186
and Evgeny Tarelkin those
three are preparing for,

49
00:02:47,806 --> 00:02:50,236
actually they're asleep right
now and they'll be waking

50
00:02:50,236 --> 00:02:53,846
up this, early this evening
for their launch preparations.

51
00:02:54,196 --> 00:02:57,676
And all that of course
will be carried live here

52
00:02:57,676 --> 00:02:59,106
on NASA Television.

53
00:02:59,526 --> 00:03:03,296
So the crew onboard the
International Space Station is

54
00:03:03,546 --> 00:03:06,246
preparing for their arrival.

55
00:03:06,566 --> 00:03:08,426
They're also preparing
for a number

56
00:03:08,426 --> 00:03:12,126
of other activities ongoing
aboard the International Space

57
00:03:12,126 --> 00:03:14,066
Station including
experiment work.

58
00:03:14,406 --> 00:03:17,356
They spent a fairly
quiet weekend checking

59
00:03:17,356 --> 00:03:20,086
on some experiments,
talking with family members

60
00:03:20,406 --> 00:03:22,286
and also reviewing
some procedures

61
00:03:22,286 --> 00:03:24,636
for upcoming activities
aboard the station.

62
00:03:24,946 --> 00:03:29,716
One of which is a spacewalk
that is currently being targeted

63
00:03:29,896 --> 00:03:32,566
for November 1 to repair
an ammonia leak on one

64
00:03:32,566 --> 00:03:36,546
of the station's left side,
or port-side radiators.

65
00:03:38,176 --> 00:03:41,896
So today they're also reviewing
those procedures as well

66
00:03:41,896 --> 00:03:43,556
and talking with the ground

67
00:03:43,656 --> 00:03:45,776
where necessary throughout
the day.

68
00:03:46,446 --> 00:03:49,046
So the crew's had a busy day,

69
00:03:49,046 --> 00:03:52,546
a busy week with the visiting
vehicles coming and going.

70
00:03:52,546 --> 00:03:55,916
The Dragon SpaceX
spacecraft is set

71
00:03:55,916 --> 00:03:57,916
to depart this coming Sunday.

72
00:03:58,336 --> 00:04:00,536
And so a lot of activity
with storage

73
00:04:01,226 --> 00:04:04,126
in the Dragon is scheduled
throughout the week ahead

74
00:04:04,126 --> 00:04:10,376
of its departure and return home

and also the arrival next week

75
00:04:10,376 --> 00:04:14,996
on October 31 of the
next supply vehicle,

76
00:04:14,996 --> 00:04:19,046
the Russian Progress 49 cargo
ship that's scheduled to launch

77
00:04:19,046 --> 00:04:21,756
on the 31st arriving
at the station

78
00:04:21,956 --> 00:04:24,176
about four orbits
later on the same day.

79
00:04:24,176 --> 00:04:27,376
So a busy traffic pattern
activity aboard the

80
00:04:27,376 --> 00:04:29,766
International Space Station
as the crew in and around

81
00:04:29,766 --> 00:04:34,176
that performs a number of
experiment work and exercises

82
00:04:34,176 --> 00:04:36,566
to keep their systems
in great shape