



WEDNESDAY, OCTOBER 31, 2012



## Expedition 33 ISS Update

1  
00:00:01,690 --> 00:00:03,660  
Good morning, Happy  
Halloween and welcome

2  
00:00:03,660 --> 00:00:04,840  
to mission control Houston

3  
00:00:04,840 --> 00:00:07,360  
and the International  
Space Station update.

4  
00:00:07,360 --> 00:00:09,500  
We are here with the  
International Space Station

5  
00:00:09,500 --> 00:00:12,080  
Flight Control Team inside the  
International Space Station

6  
00:00:12,080 --> 00:00:14,270  
Flight Control Room  
which led today

7  
00:00:14,270 --> 00:00:16,670  
by Flight Director Jerry Jason

8  
00:00:16,670 --> 00:00:20,320  
with Mark Reagan playing  
the role of capcom.

9  
00:00:20,320 --> 00:00:25,430  
And 261 miles above the  
South Pacific Ocean heading

10  
00:00:25,430 --> 00:00:28,530  
for Guatemala, the International  
Space Station is now one

11  
00:00:28,530 --> 00:00:32,010

progress vehicle larger  
and 2.9 tons richer

12

00:00:32,010 --> 00:00:33,920

in supplies following  
today's launch

13

00:00:33,920 --> 00:00:36,490

and docking of Progress 49.

14

00:00:36,490 --> 00:00:41,630

The launch took place at  
2:41 a.m. CT this morning

15

00:00:41,630 --> 00:00:44,480

and was followed less  
than five hours later,

16

00:00:44,480 --> 00:00:49,960

rather than the usual two days,  
by an 8:33 a.m. CT docking.

17

00:00:49,960 --> 00:00:52,160

The clip of that  
launch this morning

18

00:00:52,160 --> 00:00:54,970

from the Baikonur  
Cosmodrome in Kazakhstan,

19

00:00:54,970 --> 00:01:00,500

again this took place  
at 2:41 a.m. CT.

20

00:01:10,610 --> 00:01:14,460

It reached space about  
10 minutes later,

21

00:01:14,460 --> 00:01:16,900

its preliminary orbit and then

immediately got on its way

22

00:01:16,900 --> 00:01:18,420  
to the International  
Space Station.

23

00:01:18,420 --> 00:01:21,760  
Again, that normally takes  
two days, but they were able

24

00:01:21,760 --> 00:01:28,140  
to make it to the space station  
in less than five hours today

25

00:01:28,140 --> 00:01:31,160  
for a docking at 8:33 a.m. CT.

26

00:01:31,160 --> 00:01:33,340  
You can see it coming  
in for that docking

27

00:01:33,340 --> 00:01:36,030  
on the Zvezda service  
module here.

28

00:01:39,440 --> 00:01:43,260  
Aboard the station members of  
Expedition 33 crew are now more

29

00:01:43,260 --> 00:01:46,060  
than halfway through a busy day.

30

00:01:46,060 --> 00:01:49,630  
Their Commander Suni Williams  
and Flight Engineers Kevin Ford,

31

00:01:49,630 --> 00:01:52,170  
Aki Hoshide, Yuri Malenchenko,

32

00:01:52,170 --> 00:01:56,710

Oleg Novitskiy and  
Evgeny Tarelkin.

33

00:01:56,710 --> 00:01:59,470

Williams, Malenchenko and  
Hoshide launched to the station

34

00:01:59,470 --> 00:02:02,020

in July and will be  
heading home in November.

35

00:02:02,020 --> 00:02:04,510

Today is their 109  
and day in space

36

00:02:04,510 --> 00:02:07,760

and 107 at the space station.

37

00:02:07,760 --> 00:02:12,300

Their crewmates, Ford,  
Novitskiy and Tarelkin,

38

00:02:12,300 --> 00:02:14,630

just joined them last week,  
so they are on their ninth day

39

00:02:14,630 --> 00:02:16,700

in space the seventh  
at the space station.

40

00:02:16,700 --> 00:02:19,720

They are planning to  
stick around until March.

41

00:02:19,720 --> 00:02:22,090

With the Progress safely docked

42

00:02:22,090 --> 00:02:24,140

to the station's

Zvezda service module,

43

00:02:24,140 --> 00:02:26,100

the crew can now turn  
their full attention

44

00:02:26,100 --> 00:02:27,870

to tomorrow's spacewalk.

45

00:02:27,870 --> 00:02:30,240

Suni Williams and Aki Hoshide  
are going to be going outside

46

00:02:30,240 --> 00:02:32,420

to repair an ammonia leak on one

47

00:02:32,420 --> 00:02:34,440

of the station's  
port side radiators.

48

00:02:34,440 --> 00:02:38,480

They are scheduled head out  
Quest airlock at 7:15 a.m. CT

49

00:02:38,480 --> 00:02:41,460

for the 6.5 hour excursion.

50

00:02:41,460 --> 00:02:44,620

Today they, along with Kevin  
Ford who is going to be helping

51

00:02:44,620 --> 00:02:45,660

from the inside, are going

52

00:02:45,660 --> 00:02:48,380

through their procedures one  
last time, getting their tools

53

00:02:48,380 --> 00:02:50,260

and airlock ready for tomorrow.

54

00:02:50,260 --> 00:02:54,760

And in the midst  
of all this work,

55

00:02:54,760 --> 00:02:57,030

there is also important  
anniversary to mark.

56

00:02:57,030 --> 00:03:00,350

12 years ago today,  
on October 31, 2000,

57

00:03:00,350 --> 00:03:03,040

the Expedition 1 crew launched  
from the Baikonur Cosmodrome

58

00:03:03,040 --> 00:03:05,980

in Kazakhstan on a two-day  
trip to the space station,

59

00:03:05,980 --> 00:03:09,010

where they began the first  
crew to live on board.

60

00:03:09,010 --> 00:03:12,520

Commander Bill Shepherd and  
Flight Engineers Yuri Gidzenko

61

00:03:12,520 --> 00:03:17,870

and Sergei Krikalev docked two  
days later on November 2, 2000,

62

00:03:17,870 --> 00:03:23,020

and stayed in space for  
a total of 136 days.