

INTERNATIONAL SPACE STATION
EXPEDITION 36



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FLIGHT ENGINEER



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FLIGHT ENGINEER

**SOYUZ
34**

1
00:00:18,790 --> 00:00:16,950
it's tuesday morning may twenty 28 2013.

2
00:00:20,070 --> 00:00:18,800
welcome to mission control houston

3
00:00:22,870 --> 00:00:20,080
you're looking at the international

4
00:00:24,790 --> 00:00:22,880
space station flight control room as a

5
00:00:27,349 --> 00:00:24,800
team of flight controllers watches over

6
00:00:30,070 --> 00:00:27,359
all of the systems aboard the orbiting

7
00:00:33,590 --> 00:00:30,080
complex along with the three-member crew

8
00:00:36,470 --> 00:00:33,600
that makes up expedition 36 on board

9
00:00:38,470 --> 00:00:36,480
the team throughout the

10
00:00:40,630 --> 00:00:38,480
most of the day today is being led by

11
00:00:43,430 --> 00:00:40,640
flight director brian smith

12
00:00:46,150 --> 00:00:43,440
he is joined by

13
00:00:49,670 --> 00:00:46,160

japanese aerospace exploration agency

14

00:00:51,750 --> 00:00:49,680

astronaut takuya onishi you'll hear him

15

00:00:55,189 --> 00:00:51,760

periodically talking with the crew

16

00:00:58,470 --> 00:00:55,199

onboard the international space station

17

00:01:00,630 --> 00:00:58,480

about anything relevant to activities

18

00:01:02,790 --> 00:01:00,640

that the houston flight control team

19

00:01:05,670 --> 00:01:02,800

supports from here

20

00:01:07,910 --> 00:01:05,680

in mission control onishi is a member of

21

00:01:10,789 --> 00:01:07,920

the astronaut class of

22

00:01:13,109 --> 00:01:10,799

2009

23

00:01:16,070 --> 00:01:13,119

he uh completed his uh training and

24

00:01:18,310 --> 00:01:16,080

certification for flight in july of

25

00:01:20,310 --> 00:01:18,320

2011.

26
00:01:22,070 --> 00:01:20,320
this team has been on console since uh

27
00:01:25,030 --> 00:01:22,080
about seven o'clock this morning and

28
00:01:27,590 --> 00:01:25,040
will hand over to the afternoon evening

29
00:01:29,670 --> 00:01:27,600
team beginning around three o'clock

30
00:01:30,630 --> 00:01:29,680
today

31
00:01:37,429 --> 00:01:30,640
the

32
00:01:39,830 --> 00:01:37,439
station that make up expedition 36

33
00:01:41,990 --> 00:01:39,840
those three gentlemen our commander

34
00:01:44,550 --> 00:01:42,000
pavel vinogradov you see in the center

35
00:01:46,870 --> 00:01:44,560
there uh he is joined by two flight

36
00:01:51,429 --> 00:01:46,880
engineers alexander misurkin

37
00:01:52,630 --> 00:01:51,439
and uh u.s astronaut chris cassidy the

38
00:01:54,389 --> 00:01:52,640

three uh

39

00:01:55,749 --> 00:01:54,399

crew members have been aboard the

40

00:01:58,389 --> 00:01:55,759

station now

41

00:02:00,550 --> 00:01:58,399

for 61 days and of course they have been

42

00:02:02,550 --> 00:02:00,560

in space for that length of time as well

43

00:02:05,270 --> 00:02:02,560

as they served as the first crew to

44

00:02:06,870 --> 00:02:05,280

demonstrate the single day launch to

45

00:02:11,029 --> 00:02:06,880

docking operation

46

00:02:12,070 --> 00:02:11,039

of a soyuz spacecraft launching

47

00:02:13,589 --> 00:02:12,080

at

48

00:02:15,510 --> 00:02:13,599

mid-afternoon

49

00:02:18,070 --> 00:02:15,520

back on march 28th and they arrived at

50

00:02:19,830 --> 00:02:18,080

the station with a docking

51
00:02:21,350 --> 00:02:19,840
late at night on the same

52
00:02:24,309 --> 00:02:21,360
same night

53
00:02:26,710 --> 00:02:24,319
in effect the as well the three crew

54
00:02:28,710 --> 00:02:26,720
members that will join them are

55
00:02:31,910 --> 00:02:28,720
busily preparing right now for their

56
00:02:35,030 --> 00:02:31,920
lodge this afternoon uh they uh make up

57
00:02:38,949 --> 00:02:35,040
the three crew members that will

58
00:02:42,309 --> 00:02:38,959
augment the 36 crew karen nyberg fyodor

59
00:02:44,790 --> 00:02:42,319
yurchikhin and luca parmitano are set to

60
00:02:46,710 --> 00:02:44,800
launch from the baikonur cosmodrome all

61
00:02:49,350 --> 00:02:46,720
activities

62
00:02:51,910 --> 00:02:49,360
in baikonur going very smoothly with the

63
00:02:55,030 --> 00:02:51,920

countdown leading toward the launch and

64

00:02:56,869 --> 00:02:55,040

arrival of those three crew members all

65

00:02:59,589 --> 00:02:56,879

again on a single day

66

00:03:01,350 --> 00:02:59,599

launched a docking profile that you see

67

00:03:04,470 --> 00:03:01,360

there with all of the activities

68

00:03:07,190 --> 00:03:04,480

associated with that soyuz

69

00:03:09,670 --> 00:03:07,200

tma-09m

70

00:03:12,949 --> 00:03:09,680

spacecraft

71

00:03:16,149 --> 00:03:12,959

the crew on board currently has a very

72

00:03:18,390 --> 00:03:16,159

fairly light duty day

73

00:03:20,630 --> 00:03:18,400

as they are busily preparing

74

00:03:23,830 --> 00:03:20,640

for that cruise arrival they've adjusted

75

00:03:26,550 --> 00:03:23,840

their sleep cycle quite a bit to prepare

76

00:03:29,589 --> 00:03:26,560

for being up later tonight

77

00:03:32,630 --> 00:03:29,599

for that crew's arrival and so the crew

78

00:03:34,710 --> 00:03:32,640

members will basically take a midday

79

00:03:37,030 --> 00:03:34,720

by their schedule nap

80

00:03:39,110 --> 00:03:37,040

they'll get up around two o'clock in the

81

00:03:41,990 --> 00:03:39,120

afternoon to

82

00:03:44,550 --> 00:03:42,000

prepare for the launch and four orbit

83

00:03:47,270 --> 00:03:44,560

rendezvous of their three newest crew

84

00:03:49,270 --> 00:03:47,280

members that will join them late tonight

85

00:03:51,110 --> 00:03:49,280

so a fairly

86

00:03:54,390 --> 00:03:51,120

quiet day for the crew on board they've

87

00:03:56,630 --> 00:03:54,400

had some experiment work to to deal with

88

00:03:58,550 --> 00:03:56,640

and also prepare crew quarters for the

89

00:04:01,190 --> 00:03:58,560

arriving crew

90

00:04:02,470 --> 00:04:01,200

so that they can look forward to their

91

00:04:05,429 --> 00:04:02,480

arrival

92

00:04:08,149 --> 00:04:05,439

later tonight to augment the expedition