

# Expedition 36 Spacewalkers

RUSSIAN SPACEWALK 34



**FYODOR YURCHIKHIN**  
FLIGHT ENGINEER  
EV1



**ALEXANDER MISURKIN**  
FLIGHT ENGINEER  
EV2

1  
00:00:07,909 --> 00:00:06,550  
thank you for joining us for the

2  
00:00:09,589 --> 00:00:07,919  
international space station flight

3  
00:00:12,150 --> 00:00:09,599  
control room at the johnson space center

4  
00:00:13,910 --> 00:00:12,160  
in houston texas the on-orbit crew is

5  
00:00:16,230 --> 00:00:13,920  
busy at work and a little play today

6  
00:00:18,870 --> 00:00:16,240  
it's the afternoon for the expedition 36

7  
00:00:21,429 --> 00:00:18,880  
crew of nasa astronauts karen nyberg and

8  
00:00:23,670 --> 00:00:21,439  
chris cassidy european space agency

9  
00:00:26,230 --> 00:00:23,680  
astronaut luca parmitano and russian

10  
00:00:28,310 --> 00:00:26,240  
cosmonauts alexander misurkin fyodor

11  
00:00:30,710 --> 00:00:28,320  
your chicken and pavel vinogradov

12  
00:00:32,389 --> 00:00:30,720  
serving as the commander astronauts

13  
00:00:34,150 --> 00:00:32,399

chris cassidy and karen nyberg are in

14

00:00:37,190 --> 00:00:34,160

the midst of an educational outreach

15

00:00:39,750 --> 00:00:37,200

program with the spheres robots on board

16

00:00:42,470 --> 00:00:39,760

spheres stands for synchronized position

17

00:00:44,549 --> 00:00:42,480

hold engage reorient experimental

18

00:00:46,069 --> 00:00:44,559

satellites they just started this

19

00:00:48,069 --> 00:00:46,079

activity about 30 minutes ago and will

20

00:00:50,389 --> 00:00:48,079

continue for the next couple of hours

21

00:00:53,350 --> 00:00:50,399

this activity part of the zero robotics

22

00:00:54,950 --> 00:00:53,360

middle school competition at mit

23

00:00:56,709 --> 00:00:54,960

the participating school students are

24

00:00:59,189 --> 00:00:56,719

there at the university watching live as

25

00:01:00,790 --> 00:00:59,199

the onboard sphere robots execute the

26  
00:01:01,830 --> 00:01:00,800  
student programming to determine the

27  
00:01:03,349 --> 00:01:01,840  
winners

28  
00:01:06,310 --> 00:01:03,359  
meanwhile the rest of the crew is

29  
00:01:07,750 --> 00:01:06,320  
continuing with their activities russian

30  
00:01:10,630 --> 00:01:07,760  
cosmonauts are continuing with the

31  
00:01:12,630 --> 00:01:10,640  
preparations for the upcoming spacewalk

32  
00:01:13,990 --> 00:01:12,640  
fyodor your chicken and alexander circan

33  
00:01:15,990 --> 00:01:14,000  
have spent the day preparing for

34  
00:01:18,149 --> 00:01:16,000  
friday's eva outfitting their russian

35  
00:01:19,749 --> 00:01:18,159  
orlon spacesuits with the eva tools and

36  
00:01:21,670 --> 00:01:19,759  
other equipment reviewing their

37  
00:01:23,830 --> 00:01:21,680  
spacewalk procedures and conducting

38  
00:01:25,109 --> 00:01:23,840

telemetry tests from the suits to

39

00:01:26,789 --> 00:01:25,119

russian flight controllers at the

40

00:01:29,670 --> 00:01:26,799

russian commission control center and

41

00:01:31,190 --> 00:01:29,680

corlev outside of moscow

42

00:01:33,749 --> 00:01:31,200

meanwhile european space agency

43

00:01:35,350 --> 00:01:33,759

astronaut luca parmitano is conducting

44

00:01:37,350 --> 00:01:35,360

some work with the waste and hygiene

45

00:01:40,069 --> 00:01:37,360

compartment performing some pre-treat

46

00:01:42,389 --> 00:01:40,079

tank removal and replace activities the

47

00:01:44,710 --> 00:01:42,399

morning also included some continued htv

48

00:01:46,630 --> 00:01:44,720

work with chris cassidy and karen nyberg

49

00:01:48,389 --> 00:01:46,640

continuing with the unloading of the

50

00:01:50,149 --> 00:01:48,399

cargo that was brought up by that cargo

51

00:01:52,550 --> 00:01:50,159

craft this past weekend

52

00:01:54,069 --> 00:01:52,560

again all of those activities going well

53

00:01:56,069 --> 00:01:54,079

the crew will continue with their

54

00:01:57,270 --> 00:01:56,079

afternoon wrapping up with a daily

55

00:01:59,510 --> 00:01:57,280

planning conference with the ground

56

00:02:00,789 --> 00:01:59,520

control teams at 2pm central time

57

00:02:02,709 --> 00:02:00,799

they'll have some off-duty time for

58

00:02:05,590 --> 00:02:02,719

their evening meal and personal time and

59

00:02:07,830 --> 00:02:05,600

a few end-of-day tasks before their