



1
00:00:10,070 --> 00:00:06,789
russian spacewalk 54 will be conducted

2
00:00:12,470 --> 00:00:10,080
by oleg artemyev ev1 on the red stripes

3
00:00:16,470 --> 00:00:12,480
and dennis matviv ev2 in the blue

4
00:00:21,830 --> 00:00:18,470
to start the spacewalk crew will egress

5
00:00:25,210 --> 00:00:21,840
the poisk airlock with tb cameras called

6
00:00:30,070 --> 00:00:25,220
clues and two crew lock bags

7
00:00:33,990 --> 00:00:32,229
using the strela boom crew will first

8
00:00:37,970 --> 00:00:34,000
translate to the passive attachment

9
00:00:54,150 --> 00:00:37,980
piece on the nowuka module

10
00:00:59,430 --> 00:00:56,950
the european robotic arm or era will

11
00:01:02,709 --> 00:00:59,440
maneuver to the clu4 installation

12
00:01:16,870 --> 00:01:04,710
crew will translate to the elbow and

13
00:01:20,950 --> 00:01:18,950

crew will translate back down to the era

14

00:01:23,109 --> 00:01:20,960

end effector where they'll work together

15

00:01:24,830 --> 00:01:23,119

to remove a piece of hardware called an

16

00:01:26,630 --> 00:01:24,840

lfm

17

00:01:28,950 --> 00:01:26,640

ring

18

00:01:31,380 --> 00:01:28,960

afterwards era will translate to the

19

00:01:35,030 --> 00:01:31,390

clu3 installation position

20

00:01:41,820 --> 00:01:37,109

dennis and oleg will translate to the

21

00:01:50,310 --> 00:01:48,310

[Music]

22

00:01:59,910 --> 00:01:50,320

then crew will translate nader on the

23

00:02:03,590 --> 00:02:01,990

oleg will remove the control panel from

24

00:02:05,830 --> 00:02:03,600

its current location

25

00:02:08,070 --> 00:02:05,840

translate further zenith and work with

26
00:02:09,779 --> 00:02:08,080
dennis to install and power the panel at

27
00:02:15,670 --> 00:02:09,789
its new work site

28
00:02:19,190 --> 00:02:17,670
eero will then maneuver and grapple to

29
00:02:21,270 --> 00:02:19,200
base point two

30
00:02:24,150 --> 00:02:21,280
both cosmonauts will work to manually

31
00:02:36,710 --> 00:02:24,160
adjust the flexibility setting of era at

32
00:02:40,949 --> 00:02:38,790
oleg and dennis will then translate over

33
00:02:43,110 --> 00:02:40,959
to end effector 1 and perform the same

34
00:02:45,270 --> 00:02:43,120
flexibility adjustment

35
00:02:49,430 --> 00:02:45,280
they'll also remove the remaining lfm

36
00:02:53,589 --> 00:02:51,910
after cleaning up the nowuka work sites

37
00:02:55,580 --> 00:02:53,599
crew will translate zenith back to the

38
00:03:06,240 --> 00:02:55,590

poi scare lock

39

00:03:13,270 --> 00:03:11,509

[Music]

40

00:03:15,430 --> 00:03:13,280

they'll stow various pieces of hardware

41

00:03:17,030 --> 00:03:15,440

and bags inside then oleg and dennis

42

00:03:25,160 --> 00:03:17,040

will ingress the airlock and close the