



Spaceto**Ground**

1
00:00:05,769 --> 00:00:02,790
foreign

2
00:00:09,110 --> 00:00:05,779
[Music]

3
00:00:11,509 --> 00:00:09,120
I'm Kayla LaFrance it's been a marathon

4
00:00:13,070 --> 00:00:11,519
of space walks this month as the crew

5
00:00:15,890 --> 00:00:13,080
aboard the International Space Station

6
00:00:17,810 --> 00:00:15,900
continues to improve and update the

7
00:00:20,210 --> 00:00:17,820
orbiting Laboratory

8
00:00:23,029 --> 00:00:20,220
last Friday NASA astronauts and

9
00:00:25,250 --> 00:00:23,039
Expedition 69 crew member Steve Bowen

10
00:00:27,890 --> 00:00:25,260
and Woody hoberg concluded their first

11
00:00:29,870 --> 00:00:27,900
of two spacewalks after six hours and

12
00:00:32,510 --> 00:00:29,880
three minutes outside the space station

13
00:00:34,490 --> 00:00:32,520

Bowen and hoberg completed all of the

14

00:00:36,650 --> 00:00:34,500

objectives for the first spacewalk to

15

00:00:39,410 --> 00:00:36,660

install an irosa to augment power

16

00:00:41,690 --> 00:00:39,420

generation for the 1A power channel on

17

00:00:44,690 --> 00:00:41,700

the station's starboard trust structure

18

00:00:47,090 --> 00:00:44,700

the dynamic duo ventured back outside on

19

00:00:49,729 --> 00:00:47,100

Thursday this week to install the six in

20

00:00:52,490 --> 00:00:49,739

the series of irosas on this starboard 6

21

00:00:55,150 --> 00:00:52,500

truss of the station for the 1B power

22

00:00:57,830 --> 00:00:55,160

Channel this week's face walk was the

23

00:01:00,170 --> 00:00:57,840

265th spacewalk in support of space

24

00:01:03,110 --> 00:01:00,180

station assembly upgrade and maintenance

25

00:01:05,509 --> 00:01:03,120

it was the 10th spacewalk for Bowen and

26

00:01:07,789 --> 00:01:05,519

the second for Hobart and join us next

27

00:01:10,010 --> 00:01:07,799

week when Ross Cosmos cosmonauts Don

28

00:01:11,870 --> 00:01:10,020

their Orlan spacesuits and venture

29

00:01:13,969 --> 00:01:11,880

outside to remove experiment hardware

30

00:01:16,670 --> 00:01:13,979

and install new data transmission

31

00:01:18,770 --> 00:01:16,680

Hardware this spacewalk will take place

32

00:01:21,710 --> 00:01:18,780

on Thursday June 20 a second at

33

00:01:24,170 --> 00:01:21,720

approximately 10 20 a.m Eastern and is

34

00:01:26,330 --> 00:01:24,180

scheduled to last about 7 hours

35

00:01:28,969 --> 00:01:26,340

the International Space Station is a

36

00:01:31,670 --> 00:01:28,979

global observation station it promotes

37

00:01:33,770 --> 00:01:31,680

International Earth observations aimed

38

00:01:36,770 --> 00:01:33,780

at understanding and resolving the

39

00:01:39,050 --> 00:01:36,780

environmental issues of our home planet

40

00:01:41,210 --> 00:01:39,060

the space station offers a unique

41

00:01:44,149 --> 00:01:41,220

vantage point for observing the Earth's

42

00:01:46,490 --> 00:01:44,159

ecosystems with Hands-On and automated

43

00:01:48,950 --> 00:01:46,500

equipment these options enable

44

00:01:50,929 --> 00:01:48,960

astronauts to observe and explain what

45

00:01:53,030 --> 00:01:50,939

they witness in real time

46

00:01:55,010 --> 00:01:53,040

in recent weeks the crew of the space

47

00:01:57,050 --> 00:01:55,020

station have been photographing the

48

00:01:59,569 --> 00:01:57,060

wildfires currently burning across

49

00:02:02,210 --> 00:01:59,579

Canada these photos of the fire near

50

00:02:04,850 --> 00:02:02,220

Shelburne Nova Scotia were taken on May

51
00:02:07,850 --> 00:02:04,860
29th within a few days the fire had

52
00:02:10,309 --> 00:02:07,860
scorched over 75 square miles making it

53
00:02:13,010 --> 00:02:10,319
the largest forest fire in Nova Scotia

54
00:02:15,890 --> 00:02:13,020
history the smoke from these wildfires

55
00:02:17,570 --> 00:02:15,900
caused historically poor air quality in

56
00:02:19,130 --> 00:02:17,580
the northeastern region of the United

57
00:02:21,530 --> 00:02:19,140
States

58
00:02:23,510 --> 00:02:21,540
you can also browse and download imagery

59
00:02:25,430 --> 00:02:23,520
of satellite data from NASA's

60
00:02:29,110 --> 00:02:25,440
constellation of Earth observing

61
00:02:30,890 --> 00:02:29,120
satellites head over to

62
00:02:33,350 --> 00:02:30,900
earthobservatory.nasa.gov and explore

63
00:02:34,970 --> 00:02:33,360

our world from above that's space to

64

00:02:36,589 --> 00:02:34,980

ground for this week thanks for watching