



1
00:00:07,670 --> 00:00:05,110
we see a uh beautiful view of the soyuz

2
00:00:10,629 --> 00:00:07,680
on its arrival as the

3
00:00:12,549 --> 00:00:10,639
two spacecraft track off the uh coast of

4
00:00:14,629 --> 00:00:12,559
new zealand headed out across the

5
00:00:17,510 --> 00:00:14,639
pacific

6
00:00:20,070 --> 00:00:17,520
inside half a kilometer

7
00:00:23,349 --> 00:00:20,080
to the station again the

8
00:00:25,990 --> 00:00:23,359
stage is being set for the fly around

9
00:00:27,670 --> 00:00:26,000
so that it can match up with its uh

10
00:00:29,669 --> 00:00:27,680
docking port

11
00:00:30,630 --> 00:00:29,679
looking right through the crosshairs in

12
00:00:32,310 --> 00:00:30,640
the

13
00:00:33,670 --> 00:00:32,320

lower right quadrant you're actually

14

00:00:35,910 --> 00:00:33,680

looking at the

15

00:00:38,950 --> 00:00:35,920

back end of the russian segment two

16

00:00:41,350 --> 00:00:38,960

which is uh docked a european space

17

00:00:43,270 --> 00:00:41,360

agency automated transfer vehicle which

18

00:00:44,709 --> 00:00:43,280

is a very large

19

00:00:45,990 --> 00:00:44,719

cargo vehicle

20

00:00:47,910 --> 00:00:46,000

that

21

00:00:50,709 --> 00:00:47,920

arrived at the station

22

00:00:52,389 --> 00:00:50,719

delivering supplies

23

00:00:54,470 --> 00:00:52,399

back in

24

00:00:57,510 --> 00:00:54,480

august

25

00:01:00,790 --> 00:00:57,520

as you see one of the sections of the

26
00:01:03,189 --> 00:01:00,800
huge solar array pairs that make up four

27
00:01:05,590 --> 00:01:03,199
separate pairs of

28
00:01:07,270 --> 00:01:05,600
solar energy gathering systems for the

29
00:01:09,109 --> 00:01:07,280
international space station to provide

30
00:01:11,250 --> 00:01:09,119
all of the electrical power to the

31
00:01:18,550 --> 00:01:11,260
complex

32
00:01:28,469 --> 00:01:21,109
aligning to

33
00:01:33,990 --> 00:01:31,590
as the two uh spacecraft uh head into an

34
00:01:36,230 --> 00:01:34,000
orbital sunset uh here in about five

35
00:01:38,550 --> 00:01:36,240
minutes so you can

36
00:01:43,030 --> 00:01:38,560
very easily see the

37
00:01:45,429 --> 00:01:43,040
impulse firings the thruster firings

38
00:01:48,550 --> 00:01:45,439

as the soyuz

39

00:01:50,310 --> 00:01:48,560
aligns itself with the uh docking

40

00:02:01,320 --> 00:01:50,320
compartment

41

00:02:01,330 --> 00:02:09,029
[Music]

42

00:02:20,970 --> 00:02:13,910
and rate negative 0.67 and copy and send

43

00:02:20,980 --> 00:02:25,350
[Music]

44

00:02:31,350 --> 00:02:27,670
the newest member on her first flight

45

00:02:33,270 --> 00:02:31,360
into space is samantha christa ferretti

46

00:02:36,550 --> 00:02:33,280
representing the european space agency

47

00:02:39,750 --> 00:02:36,560
in the italian space agency she she will

48

00:02:41,110 --> 00:02:39,760
become the 216th

49

00:02:45,130 --> 00:02:41,120
visitor

50

00:02:58,790 --> 00:02:45,140
to the international space station

51
00:03:01,990 --> 00:02:58,800
[Music]

52
00:03:08,149 --> 00:03:02,000
range is about one meter cross hairs a

53
00:03:08,159 --> 00:03:11,760
contact

54
00:03:19,910 --> 00:03:16,390
[Music]

55
00:03:23,270 --> 00:03:19,920
we have contact 8 49 p.m central time 9

56
00:03:25,990 --> 00:03:23,280
49 this evening eastern time the soyuz

57
00:03:27,990 --> 00:03:26,000
tma 15 has arrived at the international

58
00:03:30,149 --> 00:03:28,000
space station

59
00:03:32,470 --> 00:03:30,159
anton shkaplerov samantha christopher

60
00:03:34,390 --> 00:03:32,480
reddy and terry verts have arrived at

61
00:03:37,110 --> 00:03:34,400
their home for the next six months they

62
00:03:38,309 --> 00:03:37,120
will remain at the station until may of

63
00:03:39,509 --> 00:03:38,319

next year

64

00:03:42,869 --> 00:03:39,519

they will

65

00:03:44,149 --> 00:03:42,879

serve as part of the expedition 42 crew

66

00:03:47,670 --> 00:03:44,159

and then

67

00:03:49,190 --> 00:03:47,680

transition to the expedition 43 crew

68

00:03:51,750 --> 00:03:49,200

when the other three crew members

69

00:03:53,520 --> 00:03:51,760

already aboard the station depart in

70

00:04:03,910 --> 00:03:53,530

march