



1
00:00:06,470 --> 00:00:04,550
uh the time is getting closer to the sun

2
00:00:08,629 --> 00:00:06,480
to come out yes it's getting more

3
00:00:09,830 --> 00:00:08,639
beautiful

4
00:00:27,509 --> 00:00:09,840
yes

5
00:00:27,519 --> 00:00:42,069
should we wait a little bit

6
00:00:42,079 --> 00:00:47,750
well let's wait another minute

7
00:00:56,150 --> 00:00:49,510
i won't be able to secure myself that

8
00:01:02,229 --> 00:00:59,590
let me know when you can see it

9
00:01:04,950 --> 00:01:02,239
right now we see it

10
00:01:08,070 --> 00:01:04,960
so not quite 22 minutes into uh today's

11
00:01:09,670 --> 00:01:08,080
spacewalk uh the peruvian chosky one

12
00:01:12,390 --> 00:01:09,680
nano satellite

13
00:01:15,270 --> 00:01:12,400

is now a free flyer

14

00:01:17,910 --> 00:01:15,280

to take pictures of the earth in both

15

00:01:20,230 --> 00:01:17,920

the visible and infrared spectra

16

00:01:23,030 --> 00:01:20,240

as well as to measure

17

00:01:24,550 --> 00:01:23,040

temperature and pressure as it orbits

18

00:01:29,190 --> 00:01:24,560

the earth

19

00:01:34,630 --> 00:01:31,429

with the peruvian science satellite on

20

00:01:38,149 --> 00:01:34,640

its way that task having been completed

21

00:01:43,190 --> 00:01:38,159

uh the next step will be uh for

22

00:01:46,670 --> 00:01:43,200

artemiev and schwarzoff to take uh a uh

23

00:01:49,350 --> 00:01:46,680

exposure as the name suggests uh to the

24

00:01:52,069 --> 00:01:49,360

microgravity environment of space at an

25

00:01:54,069 --> 00:01:52,079

altitude of some 260 statute miles

26
00:01:55,990 --> 00:01:54,079
there's a good view of oleg artemyev at

27
00:01:57,510 --> 00:01:56,000
the hatchway to the piers docking

28
00:01:58,950 --> 00:01:57,520
compartment

29
00:02:01,429 --> 00:01:58,960
the piers

30
00:02:04,389 --> 00:02:01,439
serving both

31
00:02:07,830 --> 00:02:04,399
has a docking port and an airlock

32
00:02:10,150 --> 00:02:07,840
launched of back in september of

33
00:02:12,229 --> 00:02:10,160
and a good view from artemiev's helmet

34
00:02:14,630 --> 00:02:12,239
camera as he looks inside the pier's

35
00:02:17,910 --> 00:02:14,640
docking compartment to his crewmate

36
00:02:31,430 --> 00:02:17,920
alexandra schwarzoff who shortly will be

37
00:02:31,440 --> 00:02:46,869
if anything comes up i'll let you know

38
00:02:50,790 --> 00:02:48,790

this is mission control houston one hour

39

00:02:54,070 --> 00:02:50,800

into the spacewalk by schwarzoff and

40

00:02:54,949 --> 00:02:54,080

artemyev the expose r payload

41

00:02:57,990 --> 00:02:54,959

the

42

00:02:59,990 --> 00:02:58,000

package of material science samples has

43

00:03:02,390 --> 00:03:00,000

been installed on the universal work

44

00:03:05,270 --> 00:03:02,400

platform on the plane of the zvezda

45

00:03:09,350 --> 00:03:05,280

service module and the electrical

46

00:03:10,869 --> 00:03:09,360

connectors have now been mated as well

47

00:03:13,430 --> 00:03:10,879

as you can see in this helmet camera

48

00:03:15,990 --> 00:03:13,440

view from artemiev's helmet he is

49

00:03:17,190 --> 00:03:16,000

closing the thermal insulation flap over

50

00:03:20,550 --> 00:03:17,200

the panel

51
00:03:23,750 --> 00:03:20,560
to the science package the expose r

52
00:03:25,509 --> 00:03:23,760
so the second major task is now complete

53
00:03:27,670 --> 00:03:25,519
in this spacewalk

54
00:03:29,190 --> 00:03:27,680
the crew just about right on the

55
00:03:32,390 --> 00:03:29,200
timeline

56
00:03:35,509 --> 00:03:32,400
as they then now will prepare to

57
00:03:39,589 --> 00:03:37,589
a translation uh

58
00:03:42,470 --> 00:03:39,599
to a location on the service module

59
00:03:45,350 --> 00:03:42,480
where the automated phased array antenna

60
00:03:46,710 --> 00:03:45,360
is located this also on the service

61
00:03:47,910 --> 00:03:46,720
module

62
00:03:49,910 --> 00:03:47,920
this uh

63
00:03:52,070 --> 00:03:49,920

automated phased array antenna to

64

00:03:53,350 --> 00:03:52,080

enhance communications

65

00:03:55,429 --> 00:03:53,360

from the russian segment of the

66

00:03:58,149 --> 00:03:55,439

international space station was

67

00:03:59,990 --> 00:03:58,159

installed by sportsoft and artemiev