



1
00:00:02,710 --> 00:00:01,829
the two russian cosmonauts will be

2
00:00:04,470 --> 00:00:02,720
wearing

3
00:00:06,630 --> 00:00:04,480
helmet cameras that have been supplied

4
00:00:10,070 --> 00:00:06,640
to them which is a standard and staple

5
00:00:12,390 --> 00:00:10,080
item soft cover uh translation aids that

6
00:00:40,549 --> 00:00:12,400
will assist future cosmonauts in

7
00:00:40,559 --> 00:00:56,709
all right this is

8
00:01:00,950 --> 00:00:59,349
have installed the fasteners on the

9
00:01:04,149 --> 00:01:00,960
first three

10
00:01:06,230 --> 00:01:04,159
out of five antennas a total of six of

11
00:01:07,830 --> 00:01:06,240
these communications antennas one of

12
00:01:09,190 --> 00:01:07,840
which will be removed and replaced with

13
00:01:12,710 --> 00:01:09,200

a brand new one later in today's

14

00:01:17,830 --> 00:01:14,550

they've jettisoned a couple of towels

15

00:01:19,830 --> 00:01:17,840

and will be photographing an experiment

16

00:01:21,990 --> 00:01:19,840

that has uh resided outside of the

17

00:01:24,390 --> 00:01:22,000

international space station uh for the

18

00:01:27,190 --> 00:01:24,400

past year or so

19

00:01:30,630 --> 00:01:27,200

radiator panel and the solar array where

20

00:01:32,789 --> 00:01:30,640

they intend to take samples of residue

21

00:01:34,230 --> 00:01:32,799

that have built up in the vicinity of

22

00:01:35,350 --> 00:01:34,240

vent valves for the vos duke and

23

00:01:36,950 --> 00:01:35,360

electron

24

00:01:40,310 --> 00:01:36,960

environmental control systems on the

25

00:01:44,310 --> 00:01:40,320

russian segment

26
00:01:45,590 --> 00:01:44,320
us of uh documenting uh the uh condition

27
00:01:48,389 --> 00:01:45,600
and uh

28
00:01:49,830 --> 00:01:48,399
associated hardware with the old wall

29
00:01:51,749 --> 00:01:49,840
six antenna

30
00:01:54,310 --> 00:01:51,759
uh prior to the point at which uh

31
00:01:56,709 --> 00:01:54,320
they'll press ahead uh to cut the cable

32
00:01:57,670 --> 00:01:56,719
on that antenna install a cap over that

33
00:02:00,709 --> 00:01:57,680
cable

34
00:02:02,389 --> 00:02:00,719
and begin the process of

35
00:02:04,870 --> 00:02:02,399
disconnecting the antenna from its

36
00:02:07,590 --> 00:02:04,880
location on the

37
00:02:10,229 --> 00:02:07,600
at least not for the not in this camera

38
00:02:20,309 --> 00:02:10,239

so you can leave it up you can leave it

39

00:02:26,710 --> 00:02:23,270

traveling in the void of space 250 miles

40

00:02:30,630 --> 00:02:29,589

various connectors on the old cable that

41

00:02:34,309 --> 00:02:30,640

was cut

42

00:02:36,309 --> 00:02:34,319

for a an obsolete communications antenna

43

00:02:38,070 --> 00:02:36,319

that is in the process of being removed

44

00:02:39,990 --> 00:02:38,080

from the outside of the zvezda service

45

00:02:42,550 --> 00:02:40,000

module

46

00:02:45,030 --> 00:02:42,560

moved quickly outside after their work

47

00:02:50,150 --> 00:02:45,040

station outside of the hatchway to the

48

00:02:54,949 --> 00:02:52,630

a device is called gap spanners

49

00:02:56,790 --> 00:02:54,959

that are designed to facilitate the

50

00:02:58,949 --> 00:02:56,800

movements of cosmonauts outside of the

