



1
00:00:27,039 --> 00:00:54,950

yep

2
00:00:54,960 --> 00:01:17,510

for 20 hours

3
00:02:25,430 --> 00:02:06,870

okay

4
00:02:28,630 --> 00:02:27,270

it's a long day as you might imagine we

5
00:02:30,869 --> 00:02:28,640

started at two in the morning and all

6
00:02:32,550 --> 00:02:30,879

that kind of stuff but it was worth it

7
00:02:34,550 --> 00:02:32,560

to see the look on the president's face

8
00:02:36,470 --> 00:02:34,560

when we came in and did the maneuver

9
00:02:38,550 --> 00:02:36,480

rolled out in front of him you know gave

10
00:02:41,190 --> 00:02:38,560

the salute they were like you know just

11
00:02:43,750 --> 00:02:41,200

really into you could see a very genuine

12
00:02:45,430 --> 00:02:43,760

expression and thumbs up and so it was

13
00:02:47,270 --> 00:02:45,440

all worth it it allows us to do

14

00:02:49,910 --> 00:02:47,280

geological observations from inside the

15

00:02:51,830 --> 00:02:49,920

vehicle better than we can do in a suit

16

00:02:53,509 --> 00:02:51,840

and then the key thing is the suits are

17

00:02:55,670 --> 00:02:53,519

hanging off the back on devices called

18

00:02:57,990 --> 00:02:55,680

suit ports what we do is we literally

19

00:02:59,910 --> 00:02:58,000

open a hatch inside the vehicle open the

20

00:03:02,149 --> 00:02:59,920

back hatch of the suit step into the

21

00:03:04,869 --> 00:03:02,159

suit and 10 minutes later we're boots on

22

00:03:06,229 --> 00:03:04,879

the surface sampling rocks and right now

23

00:03:08,309 --> 00:03:06,239

it takes us six hours to get out of the

24

00:03:10,309 --> 00:03:08,319

space station so this type of system

25

00:03:12,630 --> 00:03:10,319

will really enable much more

26

00:03:14,309 --> 00:03:12,640

productive use of our time on the moon