



1  
00:00:08,960 --> 00:00:06,470  
today it's a really exciting day it's a

2  
00:00:10,790 --> 00:00:08,970  
milestone for MSL in the sense the first

3  
00:00:13,400 --> 00:00:10,800  
time we're seeing the rover drive its

4  
00:00:15,200 --> 00:00:13,410  
own wheels its own mobility system it's

5  
00:00:18,170 --> 00:00:15,210  
gone from designs on napkins to

6  
00:00:20,929 --> 00:00:18,180  
powerpoint you know to cad drawings to

7  
00:00:23,179 --> 00:00:20,939  
blueprints and now it's a rover this is

8  
00:00:24,679 --> 00:00:23,189  
really one of the big milestones you

9  
00:00:26,570 --> 00:00:24,689  
know we've been all designing various

10  
00:00:28,220 --> 00:00:26,580  
parts of the rover and in different

11  
00:00:30,080 --> 00:00:28,230  
places at JPL different places around

12  
00:00:32,089 --> 00:00:30,090  
the world and now to see them come

13  
00:00:33,590 --> 00:00:32,099

together and to see a rover sitting in

14

00:00:35,720 --> 00:00:33,600

front of us and actually have somebody

15

00:00:37,430 --> 00:00:35,730

press a button and it drives you know

16

00:00:38,869 --> 00:00:37,440

this really gives us a vision of this

17

00:00:40,819 --> 00:00:38,879

rope was real and it's going to be on

18

00:00:42,319 --> 00:00:40,829

Marcin day it's going to explore a big

19

00:00:44,090 --> 00:00:42,329

area on Mars that's one of the reasons

20

00:00:46,190 --> 00:00:44,100

it's so big and has such a great driving

21

00:00:48,139 --> 00:00:46,200

capability we wanted to be basically

22

00:00:50,119 --> 00:00:48,149

drive it around 10 or 20 miles around

23

00:00:51,380 --> 00:00:50,129

the landing site on mars and I looked

24

00:00:53,569 --> 00:00:51,390

for places that may have been habitable

25

00:00:55,430 --> 00:00:53,579

early in Mars history places that were

26

00:00:57,200 --> 00:00:55,440

friendly to life I've seen pictures of

27

00:00:59,720 --> 00:00:57,210

this Rover for so many years you know I

28

00:01:02,029 --> 00:00:59,730

know it in my sleep but yet to see it

29

00:01:03,770 --> 00:01:02,039

like real life and to know that this is

30

00:01:06,380 --> 00:01:03,780

the actual thing that's going to Mars

31

00:01:08,679 --> 00:01:06,390

and we'll drive around over rocks and

32

00:01:11,210 --> 00:01:08,689

soil and you know go down into craters

33

00:01:12,560 --> 00:01:11,220

that's that's kind of amazing it sort of

34

00:01:15,109 --> 00:01:12,570

blows your mind to look at this thing