



Ray Bradbury

1
00:00:09,190 --> 00:00:07,030
hi this is torsten zorn i am the

2
00:00:11,190 --> 00:00:09,200
tactical downlink lead on the mars

3
00:00:14,150 --> 00:00:11,200
curiosity rover

4
00:00:15,990 --> 00:00:14,160
earlier this week we had a major success

5
00:00:17,430 --> 00:00:16,000
when we deployed the arm for the first

6
00:00:19,910 --> 00:00:17,440
time on mars

7
00:00:22,230 --> 00:00:19,920
this is critical to ensuring that we can

8
00:00:25,109 --> 00:00:22,240
get sample into our instruments and use

9
00:00:27,670 --> 00:00:25,119
the arm for its scientific purposes

10
00:00:29,669 --> 00:00:27,680
the chemcam unit or chemistry and camera

11
00:00:31,189 --> 00:00:29,679
instrument fired the laser for the first

12
00:00:32,549 --> 00:00:31,199
time on mars

13
00:00:34,549 --> 00:00:32,559

using the beam from the science

14

00:00:36,709 --> 00:00:34,559

instrument to interrogate a fist-sized

15

00:00:39,270 --> 00:00:36,719

rock called coronation

16

00:00:41,190 --> 00:00:39,280

we promise no martians were injured in

17

00:00:43,350 --> 00:00:41,200

this experiment

18

00:00:45,190 --> 00:00:43,360

before we could drive curiosity we

19

00:00:47,270 --> 00:00:45,200

wanted to wiggle our toes a bit and test

20

00:00:55,110 --> 00:00:47,280

the steering actuators this is the first

21

00:01:00,069 --> 00:00:57,189

we hit a major milestone on mars we

22

00:01:02,950 --> 00:01:00,079

completed our first drive of the

23

00:01:04,869 --> 00:01:02,960

curiosity rover we drove approximately

24

00:01:06,870 --> 00:01:04,879

three meters forward and performed two

25

00:01:09,750 --> 00:01:06,880

60-degree rotations in the clockwise

26

00:01:12,149 --> 00:01:09,760

direction with imaging in between

27

00:01:13,830 --> 00:01:12,159

we then drove backwards just under three

28

00:01:16,070 --> 00:01:13,840

meters in order to test the wheels in

29

00:01:19,429 --> 00:01:16,080

the opposite direction this put us in a

30

00:01:21,590 --> 00:01:19,439

great configuration to make observations

31

00:01:22,630 --> 00:01:21,600

of the scours left by the descent stage

32

00:01:24,149 --> 00:01:22,640

engines

33

00:01:26,950 --> 00:01:24,159

we've got a very interesting science

34

00:01:29,190 --> 00:01:26,960

experiment coming up here on mars we are

35

00:01:30,950 --> 00:01:29,200

turning on the sample analysis at mars

36

00:01:33,190 --> 00:01:30,960

instrument for the first time to do an

37

00:01:35,350 --> 00:01:33,200

atmospheric experiment this is where we

38

00:01:37,590 --> 00:01:35,360

let an atmosphere into the instrument

39

00:01:39,429 --> 00:01:37,600

and perform various science experiments

40

00:01:41,350 --> 00:01:39,439

to determine the composition of the

41

00:01:42,870 --> 00:01:41,360

atmosphere this is the first time that

42

00:01:44,870 --> 00:01:42,880

this is happening

43

00:01:46,950 --> 00:01:44,880

within days we will start our journey to

44

00:01:49,030 --> 00:01:46,960

our first chosen destination on mars

45

00:01:50,950 --> 00:01:49,040

glenelg we hope to obtain our first

46

00:01:52,149 --> 00:01:50,960

drilled rock sample on mars at this

47

00:01:53,670 --> 00:01:52,159

location

48

00:01:55,510 --> 00:01:53,680

the team named the landing site this

49

00:01:58,069 --> 00:01:55,520

week after the famous science fiction

50

00:02:01,749 --> 00:01:58,079

author ray bradbury on his birthday

51

00:02:03,670 --> 00:02:01,759

august 22nd and he would have been 92.