
SPIRT

1
00:00:09,620 --> 00:00:08,030
I'm Ashley Stroupe one of the Mars rover

2
00:00:11,810 --> 00:00:09,630
drivers for spirit and I'm here with the

3
00:00:13,370 --> 00:00:11,820
latest free spirit update we've started

4
00:00:16,519 --> 00:00:13,380
doing a very interesting set of tests

5
00:00:18,140 --> 00:00:16,529
we've brought in a new Rover this Rover

6
00:00:20,960 --> 00:00:18,150
is lighter weight than the regular

7
00:00:23,240 --> 00:00:20,970
Rovers and that actually models how much

8
00:00:24,800 --> 00:00:23,250
the real Rovers way on Mars because Mars

9
00:00:27,380 --> 00:00:24,810
has only thirty-eight percent the

10
00:00:29,240 --> 00:00:27,390
gravity that we have here on earth we're

11
00:00:31,370 --> 00:00:29,250
testing it on several different kinds of

12
00:00:33,170 --> 00:00:31,380
soil so that we can build a model of how

13
00:00:35,479 --> 00:00:33,180

the rover interacts with different kinds

14
00:00:37,130 --> 00:00:35,489
of soil and that will help us predict

15
00:00:39,500 --> 00:00:37,140
what the rover's going to do on the Mars

16
00:00:40,970 --> 00:00:39,510
soil when we start extraction after

17
00:00:43,010 --> 00:00:40,980
these tests we're going to be doing some

18
00:00:44,779 --> 00:00:43,020
extraction testing where we'll be doing

19
00:00:46,490 --> 00:00:44,789
long sequences of maneuvers that

20
00:00:48,139 --> 00:00:46,500
hopefully will help get spirit out on

21
00:00:50,029 --> 00:00:48,149
Mars once we see which of those

22
00:00:52,689 --> 00:00:50,039
sequences of moves works the best will

23
00:00:55,069 --> 00:00:52,699
then be able to implement those on Mars

24
00:00:56,750 --> 00:00:55,079
Spirit is experiencing a small dust

25
00:00:58,520 --> 00:00:56,760
storm and there's been a slight drop in

26
00:00:59,990 --> 00:00:58,530
power we were hoping that's going to

27
00:01:02,450 --> 00:01:00,000
blow over soon and that she'll be back

28
00:01:04,009 --> 00:01:02,460
to her normal power levels on the other

29
00:01:06,140 --> 00:01:04,019
side of the planet opportunity is still

30
00:01:07,820 --> 00:01:06,150
investigating this fascinating meteorite

31
00:01:09,620 --> 00:01:07,830
that we found we just told us many

32
00:01:11,120 --> 00:01:09,630
interesting things including given us

33
00:01:13,010 --> 00:01:11,130
some insight into how dense the

34
00:01:16,219 --> 00:01:13,020
atmosphere of Mars must have been a long