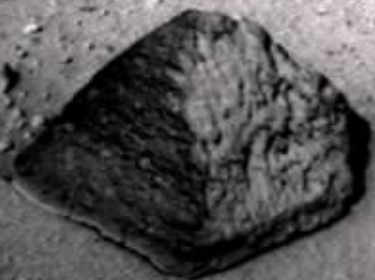




Jacob Matijevec
(1947 - 2012)



1
00:00:02,500 --> 00:00:10,110

Hi, I'm Jessica Samuels, member of the engineering operations team and this is your Curiosity

2
00:00:10,110 --> 00:00:11,900

rover update.

3
00:00:11,900 --> 00:00:16,020

Last week, we completed our second round of vehicle health checkouts.

4
00:00:16,020 --> 00:00:20,820

This was primarily targeted on the robotic arm and the hardware at the end of the robotic

5
00:00:20,820 --> 00:00:22,590

arm called the turret.

6
00:00:22,590 --> 00:00:28,560

This included different instruments and the sample processing hardware and sample acquisitioning

7
00:00:28,560 --> 00:00:30,090

hardware.

8
00:00:30,090 --> 00:00:35,550

Our arm checkout activity was in preparation for our first contact science.

9
00:00:35,550 --> 00:00:40,600

This is an exciting time for the robotic arm team and the mission as a whole as we will

10
00:00:40,600 --> 00:00:47,360

do our first placement of an instrument on a target called "Jake Matijevic."

11
00:00:47,360 --> 00:00:52,969

Our target was named specifically for our

surface operations team chief engineer, who

12

00:00:52,969 --> 00:00:57,610

unfortunately passed shortly after landing.

13

00:00:57,610 --> 00:01:02,780

The target Matijevic has been selected to cross calibrate two of our instruments on

14

00:01:02,780 --> 00:01:03,780

the rover.

15

00:01:03,780 --> 00:01:08,840

The alpha particle X-ray spectrometer, which resides on the end of the robotic arm, and

16

00:01:08,840 --> 00:01:12,979

the ChemCam instrument, which resides on top of the remote sensing mast.

17

00:01:12,979 --> 00:01:19,210

Recently we completed a Mastcam panorama of a ridge, which will give us a great vantage

18

00:01:19,210 --> 00:01:21,970

point of the Glenelg target area.

19

00:01:21,970 --> 00:01:28,320

A few sols ago we completed a interesting campaign where we actually acquired images

20

00:01:28,320 --> 00:01:33,829

of the Martian moons, Phobos and Deimos, transiting across the sun.

21

00:01:33,829 --> 00:01:36,600

So that is your Curiosity rover update.