



1

00:00:04,589 --> 00:00:09,539

Hi my name is Torsten Zorn I'm tactical  
downlink lead on the Mars Science Laboratory

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00:00:09,539 --> 00:00:14,030

and I'm coming to you with your Curiosity  
rover report.

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00:00:14,030 --> 00:00:18,199

Since November 10th we've been tracking  
a very large dust storm on Mars with Mars

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00:00:18,199 --> 00:00:21,270

Reconnaissance Orbiter, Curiosity and Opportunity.

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00:00:21,270 --> 00:00:25,710

Luckily this dust storm has abated and even  
if it didn't it would have been fine for

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00:00:25,710 --> 00:00:30,010

Curiosity as well within its design limitations.

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00:00:30,010 --> 00:00:35,519

Recently Curiosity was able to take a beautiful  
hi-res image of herself using the MAHLI Hand

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00:00:35,519 --> 00:00:36,570

Held Imager.

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00:00:36,570 --> 00:00:41,720

By putting together a sequence of very complex  
arm motions we were able to take dozens of

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00:00:41,720 --> 00:00:46,200

images and splice them together creating a  
beautiful self-portrait.

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00:00:46,200 --> 00:00:50,430

After several weeks of being stationary at

the Rocknest site we began driving again on

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00:00:50,430 --> 00:00:52,000

Sol 100.

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00:00:52,000 --> 00:00:56,430

This marked a significant milestone on the mission as we reached about a half a kilometer

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00:00:56,430 --> 00:00:59,539

of total driving distance on the surface of Mars.

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00:00:59,539 --> 00:01:04,930

Currently the left front wheel is sitting on a rock that we've dubbed Bell Island.

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00:01:04,930 --> 00:01:10,069

We plan to back up off that rock to bring the rock into the arm's workspace and we're

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00:01:10,069 --> 00:01:14,909

going to do some contact science on it with APXS and MAHLI.

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00:01:14,909 --> 00:01:18,789

After completing our science campaign at our current location we're going to be moving

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00:01:18,789 --> 00:01:21,549

to the East to a place called Point Lake.

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00:01:21,549 --> 00:01:26,079

From here we're going to be looking for a target to perform our first ever drill on

21

00:01:26,079 --> 00:01:27,670

Mars.