

Transcript:

Music

Things are looking good. Coming up on entry.

Vehicle reports entry interface.

At this time it will be pressurizing the propulsion system to increase the thrust of the system.

We'll use that for all the maneuvering in the atmosphere we're about to do.

We are standing by for start of guided entry.

We're beginning to feel the atmosphere as we go in here.

Vehicle has just reported via tones that it has started guided entry.

At this time the vehicle is beginning to steer its way to the target.

We have seen peak deceleration.

Starting the first bank reversal.

Alright, it is reporting that we are seeing G's on the order of 11 or 12 earth G's

Bank reversal 2 is starting

We are now getting telemetry from Odyssey

We should have parachute deploy around Mach 1.7

Parachute has deployed!

We are decelerating!

Heat shield has separated, we are locked on the ground.

We're down to 90 meters per second at an altitude of 6.5 kilometers and descending

Standing by for backshell separation

We are in powered flight

We are at 1.2 kilometers and descending

Standing by for sky crane. Sky crane is starting.

Signal from Odyssey remains strong

Touchdown confirmed! We're safe on Mars!

Cheering. Applause.

Now we'll see where Curiosity will take us!

Cheering. Applause.

Wow, it brings out the best in us

Cheering. Applause

Thumbnails are complete. We got thumbnails

It's a wheel! It's a wheel!

Wild cheers. Applause.

Chanting: JPL, JPL, JPL...

Music