

## DAILY SUMMARY REPORT

SOL: 9

Person filling out Report: Mohammad IRANMANESH, XO

Summary Title: Red Sunset on Red Mars.

Mission Status: All systems GO.

Sol Activity Summary: ATV EVA. Work on projects. Camille finished working on backpacks and fixed backpack 1 battery problem. Last night, crew astronomer Arthur and Mohammad managed to fix the telescope which was out of collimation thanks to the video instructions sent by P. Detterline. Jérémy, HSO, kept tracking our weight and worked on the PAM project. Mohammad studied how the CRV could help during an actual geology task such as the Heidi Breemer Experiment.

Look Ahead Plan: Continue with the experiments. Only 3 EVAs remaining before the end of the mission and only 3 ATV that we really trust for long distance EVAs. The crew is looking forward a second geology EVA and to further test the ability of the CRV to help during geology tasks. However, the main challenge for the crew is to survive with the remaining food.

Anomalies in work: Pancakes didn't come out as good as last time. We put 3 top Engineers on the issue and we will try to fix this ASAP.

Weather: Cloudy and windy.

Crew Physical Status: The crew feels great. Detailed HSO report coming tomorrow.

EVA:

During the Engineering Check, the static tank was filled to 50% of capacity.

Exploration with ATV. Managed to link North Fork to South Fork from the East road and spot nice canyons.

CRV experiment once back around the hab not very successful due to lack of time.

Reports to be filed:

- Commander report
- Engineering report
- Journalist report
- EVA #9 report
- EVA #10 request
- Astronomy report

Support Requested: We would like to know the time of arrival of the next crew.