

EVA Report:

EVA #11A

Crew members: Arthur LILLO (EVA leader), Mehdi SCOUBEAU and Mohammad IRANMANESH

Location: 12S-520235E-4250690N (returning to the canyon with the ATVs)

Time: departure at 9:30 a.m.

Duration: 3h

Purposes:

- Evaluate our ability to securely transport the CRV on an ATV
- Exploration of the canyon
- Project CRV:
 - Exploration of a cliff in the canyon
 - Test of the remote control of the camera
- Project MOMA

HabCom: Louis Maller

9:30 a.m.: EVA#11A left Main Airlock

9:35 a.m.: Engineer checks complete

9:40 a.m.: MOMA, the NorCal Rover and the CRV taken outside of the Engineering Airlock

9:45 a.m.: CRV installed on the red ATV

9:55 a.m.: EVA#11A departed

10:15 a.m.: EVA#11A reached the canyon

10:50 a.m.: Test of the CRV on a cliff in the canyon

11:05 a.m.: Exploration of the canyon

11:45 a.m.: ATVs taken to go back to the Hab

12:15 a.m.: EVA#11A is back to the Hab

12:20 a.m.: MOMA, Norcal Rover and CRV inside Engineering Airlock

12:30 a.m.: EVA#11A entered Main Airlock

Summary:

We installed the MOMA experiment and the NorCal Rover near the Hab. It took us around ten minutes to install the CRV securely on the red Honda. We took this one and the ATVs #2 and #3 on the Main Road to the North, then turned East and reached the canyon. There, we found an interesting cliff on which we tested the CRV. The remote control of the camera worked well. After that we went walking further in the canyon and took lots of pictures. We went back to the Hab closing the loop by the South. We were surprised to find the NorCal Rover quite far from the Hab, it must have stopped because it was out of the range of the wifi.