

## 15 03 25 Reports

### Commander Report

Date: March 25, 2015

Crew Commander Name: Mohammad IRANMANESH

Hello Mission Support,

Today was a good day. The EVA went very smoothly which showed to the crew the importance of scouting and planification before going out.

We have finally finished configuring the voice recognition on the Optinvent glasses. Tomorrow, the crew engineer will use them to take notes during the engineering check.

We have also found a solution to the stability issue of the UAV with the repeater as extra payload. We are eager to test it tomorrow during EVA#9. Thanks to the weather reports from Mission Support we had planned to do the last test of LOCARD (UAV) tomorrow as it's the day with the lowest wind intensity expected for the week.

The greenhab seems to have issues although we have been taking care of the plants. It seems like the radishes of the lower shelf are starting to die. More details in the next Greenhab Officer report (Friday).

Tonight we will have the last handover of commandership of our crew. I wish Susan Jewell good luck for these last days on Mars and the trip back to Earth.

I want to end my commandership with a message to all those on Earth that are following our reports and by echoing what astronaut Buzz Aldrin once said: "Get Your A## to Mars"!

Per ardua ad astra!

Mohammad IRANMANESH

Crew Commander

### EVA Report:

EVA#8 with ATV 1 and 3

Crew members: Mehdi Scoubeau (EVA leader) and Mohammad Iranmanesh

Location: "Stacy's Cake" (12s-519965E-4250992.5N)

Time: departure at 9:30 a.m.

Duration: 3 hours

Purposes:

- Project CRV (Cliff Reconnaissance Vehicle):  
Looking for the right place to conduct the experiment  
Conduct the experiment and take videos/photos

9:35 a.m. : EVA leaves Airlock

9:40 a.m. : Engineer Checks Complete

10:00 a.m. : EVA departs

10:10 a.m. : Check-in

10:15 a.m. : Off main road to site – losing communication

10:23 a.m. : Check-in – no coms

12:11 a.m. : Check-in from EVA#8

12:17 a.m. : Back to the Hab

12:28 a.m. : Enter Airlock

Summary: We arrived at “Stacy’s Cake” rather quickly because of our previous scouting. We walk towards” Candor Chasma” (sort of canyon) where we had spotted an interesting cliff to conduct our experiment. That cliff is on the north side of the canyon and has visible strata. We had the time to let the CRV (Cliff Reconnaissance Vehicle) a few meters down the cliff and go to the other side of the canyon to take some shots (see Journalist Report). We then proceeded to gather our equipment and head back towards the Hab. It was an efficient and well planned EVA.

### **Engineering Report**

Date: March 25, 2015

Crew Engineer Name: Mehdi Scoubeau

Diesel – 74%

Propane – 55%

Gasoline – 7 gallons in tank

Water (trailer) – distance from top: 68 cm

Water (static) – distance from top: 53 cm

Trailer to Static Pump used - no

Water (loft) – 30 gallons

Static to Loft Pump used – yes

Atv # Oil Checked: all full

Atv # Fuel Used Gals: 1 gallon

Atv # Tires Status: all ok

Atv # Hours Used Day: ATV1 and ATV3 for 1h20min

Atv # Notes And Comments:

Summary of Engineering activities:

- I prepared the EVA of tomorrow by cleaning the helmets and the headsets/micros.
- On main generator
- Internet connection via WiFi
- HALpr on

Questions and Concerns to Mission Support:

- Some pages (“record eva plan” and “explore possible eva routes”, for example) on HALpr do not seem to be available because of an “internal server error”.

Thank you,  
Mehdi Scoubeau

### **Journalist Report**

03/25/2015

Susan Jewell MD

Nearing the end of this fantastic mission with Crew 151, Innovative Emerging Space Leaders...and indeed, it has been a really innovative two weeks. The first MDRS crew with only three members and testing out a new leadership strategy the “Rotating Commandership Concept”. Every crew member had an opportunity to

be the Commander for a few days during the mission! We must admit that at the beginning of the mission, the idea was a little foreign to us and expectations of success was very doubtful but this has proven to be conversely so...it has worked so well and the experiences of the various leadership styles have been very educational and interesting. For our crew mix of personalities the strategy has worked really well.

Tonight is the final official hand-over of Crew Commandership from current Commander Mohammad Irananmesh to veteran MDRS Commander, Dr Susan Jewell. The ceremony was celebrated with high noon tea ceremony where the crew drank specialty tea and ate freshly baked bread covered with lashings of butter, peanut butter and strawberry jam (a very British "thing"). Still the crew felt a little melancholy and contemplative as we realized there are only a few days left and still so much we want to accomplish. Mars Sol days seems very short when you are constantly challenged with new ideas, concepts and the excitement of an 'epiphany' emerging from a nebulous energy source that can spark the human creativity and ignite the mind's curiosity and compulsion to explore, discover and open the Truths...the Knowledge of Everything. Crew 151 of Analog Astronauts are a cornucopia of epiphanies!

Today...continuing the Creative Space project "Les Temps Fantomes", from Space Artist, LUDWIG.

Today, we are traveling in the "GARDEN" Universe....

"...What could be the Explorer's garden?

A place for activity?

An idea?

A temporality?

A place to look at the time flow?

A wild intent?

A mediator?

There are unlikely clouds...

Seen only once by a very small number of observers

Only known from Inuit or Hopi Indians and other attentive watchers of the Garden from above.

Could black holes and neutron stars compose a Garden?

One day I came to the clouds

Above the ocean

Struck by the strangeness of a sparkling and wavy carpet

Drawing lines to Infinity

To an imaginary point beyond the seas and continents

To an Unknown World,

Immediately reachable, but so distant yet...

Later I learned that this cloud was named "Atmocumulus radiates perlucidus"

Man can expect new ways of gardening now

A place for metamorphosis?

I have to renew my Garden

I hope you have one, or maybe you could create one tomorrow?..."

#### **From Martianauts:**

The Stars are our garden

Like in every garden there are a lot of Wormholes

They made us wander from one Universe to the other..

Could quark and proton compose a garden?

Our minds are expanding

We are drifting...drifting...drifting...

...always further but closer at the same time from our Universe of origin

#### **From Fictionaut:**

Hello Driftinauts,

Drifting you are in this stillness atmosphere, so they are on their heavy ground... the millions of grains of sand in the desert are like stars in the universe...Is the atmosphere possible between the grains?

Perdu papillon..

entré attire...

sortie...

Mirage...

I hope soon very soon we will see literally bend the light...

“...Comme l’intersection de deux lignes de part et d’autre d’un même point, après leur traversée dans l’infini, se retrouvent soudain de l’autre côté, ou que l’image d’un miroir concave, après s’être éloignée dans l’infini, revient soudain juste devant nous, il en va de même pour la connaissance qui, après avoir traversé l’infini, retrouve la grâce...”

in this crossing, the atmosphere is lighter if it is colored of Singularity...  
if it is dotted with speckles, smells, and even pixel wave.

...hazarda tradukado.

From Planet Mars to Planet Earth...Have a beautiful Garden.  
Crew 151...Ad Astra.