

## **TO NEEM STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.**

### **PROJECT NEEM (C-12-5) – SITUATION REPORT (SITREP) no.02, Sunday 20. May 2012.**

This SITREP covers the period May 14 – May 20, 2012 (inclusive).

#### **Movement of personnel:**

- May 14** Sarah Harvey (US), Tyler Jones (US), Hans Christian Steen-Larsen (US/F) and Lou Albershardt (US) from Schenectady (KSCH) to SFJ by NYANG 109<sup>th</sup>  
Jørgen Peder Steffensen (DK), Sverrir Hilmarsson (IS), Carsten Mortensen (DK), Jakob Wrigley (DK), Simon Sheldon (DK), Trevor Popp (DK) and Sepp Kipfstuhl (D) from Copenhagen (CPH) to Kangerlussuaq (SFJ) by Air Greenland.
- May 15** Sarah Harvey (US), Tyler Jones (US), Hans Christian Steen-Larsen (DK), Lou Albershardt (US), Jørgen Peder Steffensen (DK), Sverrir Hilmarsson (IS), Carsten Mortensen (DK), Jakob Wrigley (DK), Simon Sheldon (DK), Trevor Popp (DK) and Sepp Kipfstuhl (D) from Kangerlussuaq to NEEM by NYANG 109<sup>th</sup>.

#### **Movement of cargo:**

- May 14** 200 kg food from Schenectady (KSCH) to SFJ by NYANG 109<sup>th</sup>.
- May 15** 2540 kg Drill equipment, communication and food from Kangerlussuaq to NEEM by NYANG
- May 17** 34,410 litre JP-8 fuel moved to NEEM from Thule AB by Greenland Ice Traverse, GRIT
- May 18** 120 kg Antifreeze (AWI) from Germany to Kangerlussuaq by AirGreenland

#### **Activities:**

This year the put-in went on schedule. The 109<sup>th</sup> LC-130 landed at 12:30 and was off the snow again 13:00. In and around the camp there was significantly less snow drift than previous years. Access to the Main Dome, the red dome and the sauna garage was easy.

The lower level in the Main Dome was below freezing while the cupola was +11C.

The weather was clear sky with relatively high winds up to 25 knots. At 13:30 the Main Dome was powered by the 15 KW generator. Then the access to the garages was gained by snow blowers in order to get the vehicles out. At 20:30 the Main Generator was pulled the Main Dome and was powering the building.

The same evening the water and heating system came up and running.

On Wednesday access to the trenches was made and in general the trenches were in good order.

The ramps to the remaining garages were finished and all the rest of the vehicles was started and moved to the surface. In the afternoon the GRIT traverse arrived from the Summit Camp with four people.

Thursday the Grit and NEEM teams moved the NEEM fuel tanks to the right places and transferred fuel from the Grit bladders to the NEEM tanks.

The Grit Traverse continued their travel towards Thule early Friday May 18.

Five Weatherports have been erected and there are now beds for a full manning.

The floor over the elevator and staircase was excavated (1.7 m snow) and the staircase reinstalled. On the skiway all markers, lead-ins, taxiway and apron have been lifted and grooming has started. The first couple of days there were some issues with the Iridium OpenPort e-mail system and communication with the FOM office in Kangerlussuaq was maintained twice a day by handheld Iridium phones.

The OpenPort is now up and running as well as the NEEM camp computer system.

**Drilling:**

The Danish intermediate drill has been assembled and test runs have begun.

**Science:**

Work on water vapour sampling station in progress

**Weather at NEEM:**

It has been very nice weather this week, mostly clear blue sky with few clouds wind 3-25 knots and temperature between -16C to -28C

**NEEM camp population:** 11

**NEEM iridium numbers:**

Primary no.: +8816 777 15686

Second no: +8816 414 39863

Tomato back-up: +8816 414 52559

**Kangerlussuaq:**

On May 15 the Polar 6 airplane arrived to Kangerlussuaq including 3 crew and 3 AWI scientists.

During the week test flights have been carried out and the airplane was reconfigured to the ski application.

Sunday May 20 the LC-130 flight from New York was cancelled due to technical problems. The flight carries 2 NEEM PAX, a winch and food for the NEEM camp. A new flight is scheduled for Monday May 21. The scheduled NEEM flight Tuesday May 22 is therefore moved to May 23.

Tel.: +299 84 11 51

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Kangerlussuaq/SFJ iridium number: +8816 214 42402

**Weather in Kangerlussuaq/SFJ:**

Mixed weather, first part of the week sun and temperature up to +15C in the weekend snow and temperatures between +5 and -2C.

*NEEM Field Operations office,  
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