

NEEM - SITREP no.08, Sunday 19. June 2011.

This SITREP covers the period June 13 – June 19, 2011 (inclusive).

Movement of personnel:

- June 13** Trevor Popp (DK), Simon Schuepbach (CH), Wim Boot (NL), Michelle Kuthnik (DK) from Kangerlussuaq (SFJ) to Copenhagen (CPH) by Air Greenland.
Gary Clow (US), Frank Urban (US), Tyler Jones (US), Joe McConnell (US) from SFJ to Schenectady by NYANG 109th.
- June 14** Sepp Kipfstuhl (D), Robert Mulvaney (UK) from SFJ to CPH by Air Greenland.
- June 15** Jørgen Peder Steffensen (DK), Paul Vallelonga (DK) from SFJ to CPH by Air Greenland.
- June 16** Gregory Teste (F) from SFJ to CPH by Air Greenland.
- June 18** Tanina Jenk-Ritzmann (DK), Theo Jenk (DK) SFJ to CPH by Air Greenland.

Movement of cargo:

- June 14** Joe McConnel and Gary Clow science cargo and DK Picarro from SFJ to Schenectady by NYANG 109th
2 shipping containers from Aalborg to SFJ by Royal Arctic Line
- June 17** AWB 6310185870 14 coli, 813 Kg, AWI, IMAU and LGGE science and field equipment from SFJ to CPH
AWB 6319703314 6 coli, 103 kg Food from Sisimiut to SFJ by Air Greenland
- June 18** 1 coli 30 kg UB field equipment from CPH to SFJ by Air Greenland

Activities:

First week after crew change and people got settled and learned the new procedure in the drilling, CFA and processing line.

Many different tasks were done this week beside the routine work in the trenches. When time permitted due to variations in the ice core production people from the processing line did both surface pit studies and a couple of 3 inch, 12m ice cores in the vicinity of the camp.

The final touch of the infrastructure in the camp was done but also few preparations for camp final closure are done.

Skiway:

No activities on the skiway this period.

Drilling:

The shallow borehole was logged Monday and showed an inclination of less than 0.5 degree. When drilling continued the core barrel was accidentally dropped in the hole but rescued after some attempt. The ice core quality had suffered from relatively high number of breaks and internal cracks. Several tests with different cutter have been made and the drill liquid level in the borehole has been increased which resulted in better core quality.

Driller's depth: 317.41m

Science:

In the beginning of the week the CFA finished measuring discrete pit samples and continued with the deep main core. The work was done Tuesday night and the time consuming work with the brittle ice begun. It was possible to run the CFA system on 30% of the most brittle ice (without continuous Gas analysis) Later when it was possible to measure 50% of the brittle ice the whole line was running again.

CFA deep main core and brittle ice production this week: 96,4 m

Processing NEEM S1 420 m core: Bags 330-519 (104.50 m)

Seismic station in the science trench re-levelled

AWI surface radar traverse did the first successful tests and end of week completed half of the Grid

Weather at NEEM:

The weather this week has been very warm with a record for this season at -1.6 C. But in general nice weather with clouds and sunny spells, occasionally ground fog. Temperatures between -1,6 C to -16 C and wind speeds at 4-15 knots from all directions.

NEEM camp population: 26

NEEM iridium numbers:

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Kangerlussuaq/SFJ iridium number: +8816 214 42402

Kangerlussuaq Activities:

Receiving and unpacking shipping containers from the boat.

Weather in Kangerlussuaq/SFJ:

Nice weather in general. Sunny with few clouds and windy. Day temperatures between 8 C and 22 C. Mosquito season started

NEEM Field Operations office,

Tanina Jenk-Ritzmann and Lars Berg Larsen