

TO NEEM STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

PROJECT NEEM (C-12-5) – SITUATION REPORT (SITREP) no.05, Sunday 10. June 2012.

This SITREP covers the period June 4 – June 10, 2012 (inclusive).

Movement of personnel:

- June 4** Anders Svensson (DK), Astrid Schmidt (DK), Steffen Bo Hansen (DK), Christine Thiel (DK), Thomas Hedegaard (DK) and Nanna Karlsson (DK) from CPH to Kangerlussuaq by AirGreenland.
Leo Peters (US), Knut Christianson (US), Kiya Wilson (US), Atsuhiko Muto (US) and Jose Velez(US) from Schenectady to Kangerlussuaq by 109th NYANG.
- June 5** Bo Vinther (DK) from CPH to Kangerlussuaq by AirGreenland.
Leo Peters (US) from Kangerlussuaq to Ilulissat by AirGreenland.
- June 7** Anders Svensson (DK), Astrid Schmidt (DK), Steffen Bo Hansen (DK), Christine Thiel (DK), Thomas Hedegaard (DK), Knut Christianson (US), Kiya Wilson (US), Atsuhiko Muto (US), Jose Velez (US) and Nanna Karlsson (DK) from Kangerlussuaq to NEEM by 109th NYANG.
Carsten Mortensen (DK), Jakob Wrigley (DK), Erin Pettit (US), Dan Kluskiewicz (US) and Mirena Olaizola (DK) from NEEM to Kangerlussuaq by 109th NYANG.
Leo Peters (US) from Ilulissat to NEEM by AWI Basler POLAR6.
- June 9** Erin Pettit (US) and Dan Kluskiewicz (US) from Kangerlussuaq to Schenectady by 109th NYANG.
- June 10** Carsten Mortensen (DK), Jakob Wrigley (DK) and Mirena Olaizola (DK) from Kangerlussuaq to CPH by AirGreenland.

Movement of cargo:

- June 7** 5800 kg NEGIS equipment and NEEM food from Kangerlussuaq to NEEM by NYANG
3400 kg Danish and German drilling equipment and US sonic logging tool from NEEM to Kangerlussuaq by NYANG
250 kg NEGIS science equipment from Ilulissat to NEEM by AWI Basler POLAR6
- June 8** 900 kg AWI radar equipment and two AWI generators from Kangerlussuaq to Aalborg by Royal Arctic Line.
607 kg Japan science cargo from Copenhagen to Kangerlussuaq by AirGreenland
8 kg DK spare parts from Copenhagen to Kangerlussuaq by AirGreenland

Activities:

This week the camp made the initial preparations for the coming crew exchange. But due to high (-2.4C)

temperatures and bad weather with snow and fog, the flight to the camp was delayed two days.

In the meantime work on clearing snow from the mechanic garage continued.

The work on excavating the trench for the experimental balloon was finished, the balloon was put in place and inflated. It was covered with snow from snow blowers and left the set for three days.

The balloon was then deflated packed and removed. The new subsurface trench looks promising but more tests will be carried out the coming weeks.

Packing and preparing cargo for C-130 flight.

Service on Main Generator.

Drilling:

The lost test shallow drill was recovered from the 29 meter hole after making a new recovery tool on site.

Due to damages on the drill system the tests were terminated for the season. As substitute for the damaged shallow drill, the Danish shallow drill was tasked to perform the planned AWI drilling program.

In the deep borehole the HT drill was deployed with special hardened cutters and basal material was recovered in red light for later luminescence experiments.

The drill was reconfigured with the rock drill and two samples (45 cm and 20cm) basal material were recovered.

Following shallow coring sites were visited with AWI Basler POLAR6:

B18 (78 00N, 36 23W) 31 meter ice core drilled;

B23 (78 00N, 44 00W) 30 meter ice core drilled;

B22 (78 25N, 36 26W) 5.5 meter ice core drilled – this was due to a fault in the winch control.

All shallow cores have been processed; DEP (di-electric-properties) and density.

Associated programs:

The NEGIS team has arrived at the Camp. They have started sorting out and testing equipment for a seismic line west of NEEM.

Water Vapour station is running.

Weather at NEEM:

In the beginning of the week weather decreased with clouds, snow, fog and high temperatures. End of the weather cleared again and temperatures dropped. During the week temperatures was -2.8C to – 21C.

NEEM camp population: 26

NEEM iridium numbers:

Primary no.: +8816 777 15686

Second no: +8816 414 39863

Tomato back-up: +8816 414 52559

Kangerlussuaq:

Moving cargo and made preparations for next week flight

Tel.: +299 84 11 51

Mobile: +299 52 41 25

Kangerlussuaq/SFJ iridium number: +8816 214 42402

Weather in Kangerlussuaq/SFJ:

Very nice weather all week with record high temperatures in south of Greenland, Kangerlussuaq temperature +15C to +25C.

Aggressive Mosquitoes...

NEEM Field Operations office,

Lars Berg Larsen

Bo Vinther