

TO NEEM STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

PROJECT NEEM (C-12-5) – SITuation REPort (SITREP) no.04, Sunday 3. June 2012.

This SITREP covers the period May 28 – June 3, 2012 (inclusive).

Movement of personnel:

- May 28** Daniel Steinhage (D) and Julia Binder (D) from NEEM to Kangerlussuaq by AWI Basler POLAR6 Koni Steffen (US), Gino Casassa (CHL), Faezeh Nick (US) and Simon Steffen (US) from NEEM to Summit Camp by Nordland Twin-Otter.
- May 29** Daniel Steinhage (D) and Julia Binder (D) from Kangerlussuaq to CPH by AirGreenland.

Movement of cargo:

- May 31** 450 kg Balloon and food from Kangerlussuaq to NEEM via Ilulissat by AWI Basler POLAR6.
50 kg science equipment from Ilulissat to NEEM by AWI Basler POLAR6.

Activities:

The camp is still in general packing down mode. In the drill trench the food storages was moved to the Science trench. The drill liquid mixing station packed and moved to the surface.

The cargo line has been cleaned for all items ready to be shipped out and work cleaning and packing the Garage has continued. Pallets are packed with retro cargo for the C-130

The skiway groomer has been modified and tested on the skiway in order to limit undulations. Taxi, apron and skiway groomed prior to the coming week C-130 flight.

The Basler Polar6 returned to the NEEM camp after some days in Kangerlussuaq. The airplane was reconfigured from radar measurement to cargo plane in order to support the coming weeks deep field shallow drilling

The AWI Polar6 arrived NEEM Friday and two missions were accomplished.

Drilling:

While the US sonic logging team was using the deep borehole. Preparations started on the deep drill to have the drill ready for the coming week's rock drill tests. Motor was tested and antitorque reconfigured.

The week was also used to train new people in shallow drilling and processing of ice cores.

The AWI Team and their new drill reached a depth of 29 meters when a mechanical accident happened and the drill was stuck at the bottom. Special tools were made to recover the drill and in the third attempt the tools locked on to the drill, and the drill was brought to the surface Sunday evening.

Due to the drill incident, the Danish shallow drill was deployed as a backup and went with the Polar6 to the following sites; B21 (81N, 41W) 31 meter ice core drilled and NGRIP (75N, 42W) 30 meter ice core drilled.

Associated programs:

The US sonic logging was completed Friday with success. Minor problems during the week with noise in the electronics was solved.

A full profile to the bottom was completed and a second profile from the bottom to 900 meter was completed in high resolution.

Water Vapour station is running.

Weather at NEEM:

After weeks with sunny and relative cold weather the weather changed at NEEM in the beginning of the week were the camp experienced snow, low clouds and high temperatures. After two days the weather cleared again with only a few foggy conditions. Temperatures during the week -2.8C to – 21C.

NEEM camp population: 19

NEEM iridium numbers:

Primary no.: +8816 777 15686

Second no: +8816 414 39863

Tomato back-up: +8816 414 52559

Kangerlussuaq:

Packing and preparing cargo for NEEM flights the coming week.

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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.s

Mosquitoes...

NEEM Field Operations office,

Lars Berg Larsen

Hans Christian Steen-Larsen