

TO NEEM/EGRIP PARTNERS, DANISH AND GREENLANDIC AUTHORITIES.

PROJECT NEEM/EGRIP (C-15-7) – Situation REPort (SITREP) no.02, Sunday 4. May 2015.

This SITREP covers the period April 27 – May 04, 2015 (inclusive).

Movement of personnel:

- April 27:** Nanna Karlsson(DK), Anna Winter(D) from Copenhagen to SFJ by Air Greenland. Jørgen Peder Steffensen (DK), Sverrir Hilmarsson (IS), Sepp Kipfstuhl (D), Mathias Brejnebøl (DK) and Helle Astrid Kjær(DK) from Kangerlussuaq (SFJ) to NEEM by NYANG 109th .
- April 29:** George Miller(D-Pistenbully) from Copenhagen to SFJ by Air Greenland.
- April 30:** Pat Smith(US-GrIT) from Thule AB to NEEM by NYANG 109th.
- May 1:** Dorthe Dahl-Jensen(DK), Nanna Karlsson(DK), Paul Vallelonga(AUS/DK), Anna Winter(D), Dean Childs(US-GLISN), Orlando Leone(US-GLISN), Joel Pedro(AUS/DK) from Kangerlussuaq to NEEM by NYANG 109th.

Movement of cargo:

- April 27** 3400 kg Science equipment, communication and food from Kangerlussuaq to NEEM by NYANG
- April 29** 2800 kg Pistenbully belts from Kangerlussuaq to Thule AB by NYANG 109th.
- April 30** 3700 kg GrIT spareparts and tools, and 600 liter mogas, 3000 liter JP-8 from Thule AB to NEEM by NYANG 109th . 2800 kg Pistenbully belts and 3200 liter fuel from Thule AB to NEEM by NYANG 109th.
- May 1** 2540 kg Science equipment, food, Pistenbully blade and 2500 liter fuel from Kangerlussuaq to NEEM by NYANG 109th. 1000 kg empty pallets and ATO bottles from NEEM to Kangerlussuaq by NYANG 109th.

Activities:

The put-in went on schedule. The 109th LC-130 landed at 12:20 and was off the snow again 12:45. Although camp has been deserted for three years, we were still able to gain access to the main dome in 20 minutes. It took a couple of hours to make a ramp with the snowblower and to open the mechanics garage. Although both garages appeared to be drifted in only lightly, the drifts consisted of a lot re-frozen water, most likely from the Summer of 2014. The main dome and garages were intact. The weather was clear sky, -33C with relatively high winds up to 16 knots. At 16:00 the Main Dome was powered by the 15 KW generator. Then the access to the garages was gained by snow blower in order to get the vehicles out. At 21:15 the Main Generator was pulled to the Main Dome and was powering the building.

Tuesday and Wednesday were spent setting up new markers on the old NEEM skiway and grooming it for the next landing Thursday. As luck had it, few old markers were still 5-10 cm above the snow, so it was possible to place new markers on top of the old and thus reconstruct the old skiway system. On Thursday

NEEM received the same plane twice, as it made a fuel shuttle out of Thule AB. Operations were successful. Of the two planned flights Friday, one was cancelled due to technical issues with the aeroplane in Kangerlussuaq. The other had a successful mission. Friday, Saturday and Sunday have been spent retrieving the cargo sleds from storage since 2012, chopping, hammering and sawing snow away from the garages in preparation of taking them down, and excavating the GriT equipment left at NEEM in 2014. The first couple of days there were some issues with the Iridium OpenPort 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.

Drilling: No drilling is planned at NEEM.

Science: Sampling of surface snow is in progress. Maintenance of GLISN seismic station in progress.

Weather at NEEM: It has been very nice weather this week, clear blue sky with wind 5-16 knots and temperature between -26C to -38C.

NEEM camp population: 13

NEEM iridium numbers:

Primary no.: +8816 777 37835

Second no: +8816 234 93272

Kangerlussuaq:

It has been an unusual week in Kangerlussuaq. The FOM office serves two projects: NEEM/EGRIP and RECAP (Ice core drilling on the Renland Ice cap). Therefore flights were coordinated to NEEM (direct or via Thule AB) and to Mestersvig at the same time. Pallets with cargo were built for four flights to NEEM and three flights to Mestersvig, and the office coordinated with people at following locations: Renland Ice cap, Mestersvig, Konstabel Pynt, Neem and Kangerlussuaq.

Tel.: +299 84 11 51

Mobile: +299 52 41 25

Weather in Kangerlussuaq/SFJ:

Mixed weather, first part of the week some clouds and snow with temperature close to freezing, in the weekend mostly clear and temperatures between -18C and -2C. Mostly little or no wind during the week.

*NEEM Field Operations office,
Bo M. Vinther.*

*NEEM Field Leader,
J. P. Steffensen*