

NEEM - SITREP no.05, Sunday 29. May 2011.

This SITREP covers the period May 23 – May 29, 2011 (inclusive).

Movement of personnel:

- May 23** Frank Urban (US), Gary Clow (US), Joe McConnell (US), Martin Leonhardt (D) from Kangerlussuaq to NEEM by NYANG 109th.
Bruce Vaughn (US), Carsten Mortensen (DK) from NEEM to Kangerlussuaq (SFJ) by NYANG 109th.
- May 24** Bruce Vaughn (US) from Kangerlussuaq to Schenectady by NYANG 109th.
- May 25** Carsten Mortensen (DK), Christian Panton (DK), Lars Berg Larsen (DK) from Kangerlussuaq to Copenhagen (CPH) by Air Greenland.

Movement of cargo:

- May 23** 2313kg food and 4540kg science and drill cargo from Kangerlussuaq to NEEM by NYANG 109th.
- May 27** 24,000 liter (6315 gal) JP8 from Thule to NEEM by GRIT traverse.

Activities:

On Monday Skier 11 was received and people in camp were busy with unpacking food, spare parts and equipment. After forecasts have warned of strong wind much work was done on the surface to be prepared for the next couple of days. In the middle of the week the wind was blowing from the East but work could progress in the shelter of weatherports and down in the trenches. As the wind relented on Thursday there was some cleaning to do. Several entrances had to be excavated and many snowdrifts across the skiway had to be removed. The U.S. GRIT traverse visited camp Thursday afternoon to Saturday morning. End of week was busy with working on the skiway and maintaining of camp utilities.

Skiway:

Skiway groomed twice lengthwise and part of taxiway and apron with beam groomer, snow drifts across skiway removed with dozer blade.

Drilling:

The drill behaved so well that they entered a two shift mode in drilling on Tuesday. The day after the drillers reached the depth where the porous firn turns into non-porous glacier ice so it was decided to change to “wet” drilling mode. Since Thursday the wet drilling ran routinely in two shifts and the drillers are adapting to the different working conditions associated with wet drilling. Good core quality. Sunday evening the winch broke for the second time this year, and drillers are now working on assessing the problem.

Drillers depth: 148.5 m.

Science:

The first two days the CFA people finished setting up the equipment in the laboratory. On Wednesday the CFA system went on-line. Measuring with CFA rest of the week, the last three days in 24 hour operation.

CFA production this week: 2200.55 m to 2252.25 m (51.70 m)

Processing of brittle ice began this week, and slowly the processors are picking up speed.

Core processed this week: Bags 1869 – 1986 (64.90 m)

All planned scientific programs now running.

On Monday the U.S. logging winch got placed in position. The following days people were setting up the equipment and by Friday the U.S. borehole logging was in progress. At the weekend they prepared the second U.S. borehole logging and worked on issues with bearings on the winch.

German and Danish pit study at 2009 S2 drill site (3km South of camp).

GRIT traverse:

Thursday the U.S. GRIT traverse train arrived for a two day pit stop on their way to Thule from Summit. The camp received 24,000 litre fuel (6,315 gallon). NEEM total fuel supply is now 50'000 litre.

Weather at NEEM:

Light Overcast and snow showers the first two days were followed by strong winds and clear sky. End of week mostly sunny with small periods of thin clouds and light snow.

Temperatures between -14 C to -25C and wind speeds at 4-20 knots, during the week from all directions.

NEEM camp population: 26

NEEM iridium numbers:

Primary no.: +8816 777 04 766

Tel.: +299 84 11 51

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Kangerlussuaq/SFJ iridium number: +8816 214 42402

Kangerlussuaq Activities:

Receiving people from NEEM, exchange of the field office team, organizing spare parts.

Weather in Kangerlussuaq/SFJ:

Cloudy in the beginning, sunny and warmer mid week , light snow on Sunday morning, day temperatures rising from -2C to +10C and back to +5C on the weekend. At night below 0C.

NEEM Field Operations office,

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