

**NEEM - SITREP no.07, Sunday 12. June 2011.**

This SITREP covers the period June 06 – June 12, 2011 (inclusive).

**Movement of personnel:**

- June 07** Olivia Maselli (US) from Schenectady to Kangerlussuaq (SFJ) by NYANG 109<sup>th</sup>, Wim Boot (NL) from Copenhagen (CPH) to SFJ by Air Greenland.
- June 08** Lars Berg Larsen (DK), Gunnar Magnus Arntorsson (IS), Hubertus Fischer (CH), Gideon Gfeller (CH), Sune O. Rasmussen (DK), Catherine Ritz (F) from CPH to SFJ by Air Greenland.
- June 09** Matthias Bigler (CH), Anna Wegner (D), Xavier Fain (F) from SFJ to CPH by Air Greenland.  
Olivia Maselli (US), Wim Boot (NL), Gunnar Magnus Arntorsson (IS), Hubertus Fischer (CH), Gideon Gfeller (CH), Sune O. Rasmussen (DK), Catherine Ritz (F), Tanina Jenk-Ritzmann (DK) from SFJ to NEEM by NYANG 109<sup>th</sup>.  
Matthias Bigler (CH), Sverrir Æ. Hilmarsson (IS), Myriam Guillevic (DK), Anna Wegner (D), Nanna B. Karlsson (DK), Gary Clow (US), Frank Urban (US), Xavier Fain (F), Tanina Jenk-Ritzmann (DK) from NEEM to SFJ by NYANG 109<sup>th</sup>.
- June 10** Aliza Benton (UK), Antje Fitzner (DK), Steffen Bo Hansen (DK), Bo Vinther (DK), Erik Warming (DK), Tanja Fromm (D), Yoshinori Iizuka (S), Li Chuanjin (CHN), Kerstin Schmidt (D) from CPH to SFJ by Air Greenland.  
Sverrir Æ. Hilmarsson (IS), Myriam Guillevic (DK), Nanna B. Karlsson (DK) from SFJ to CPH by Air Greenland.
- June 11** Hubertus Fischer (CH), Aliza Benton (UK), Antje Fitzner (DK), Steffen Bo Hansen (DK), Bo Vinther (DK), Erik Warming (DK), Tanja Fromm (D), Yoshinori Iizuka (S), Li Chuanji (CHN), Kerstin Schmidt (D), Morten Thrane Leth (GRL), Talea Weiseng (GRL), Stanley Wisneski (US), Audrey Mills (US) from SFJ to NEEM by NYANG 109<sup>th</sup>.  
Sepp Kipfstuhl (D), Trevor Popp (DK), Simon Schuepbach (CH), Jørgen Peder Steffensen (DK), Michelle Koutnik (DK), Robert Mulvaney (UK), Gregory Teste (F), Paul Vallelonga (DK), Tyler Jones (US), Joe McConnell (US), Wim Boot (NL), Morten Thrane Leth (GRL), Talea Weiseng (GRL), Stanley Wisneski (US), Audrey Mills (US) from NEEM to SFJ by NYANG 109<sup>th</sup>.

**Movement of cargo:**

- June 07** 680kg Food from Schenectady to Kangerlussuaq (SFJ) by NYANG 109<sup>th</sup>.
- June 09** 540kg Drill winch and drill equipment (DK) from CPH to SFJ by Air Greenland.  
3617kg Food and Science equipment from SFJ to NEEM by NYANG 109<sup>th</sup>.  
4305kg Ice cores and Science cargo from NEEM to SFJ by NYANG 109<sup>th</sup>.
- June 10** 7kg Lithium Batteries (D) from CPH to SFJ by Air Greenland.

**June 11**      5180kg Science cargo from SFJ to NEEM by NYANG 109<sup>th</sup>.  
2858kg Garbage and Science cargo from NEEM to SFJ by NYANG 109<sup>th</sup>.

**Activities:**

The challenge of this week was to adapt to the changed schedule of the flight plan. The second flight to NEEM was 2 days earlier on June 11<sup>th</sup> leaving less time in between the two flights to perform eventually necessary improvements of the skiway. Therefore and because of the big storm, getting the skiway ready was one of the main tasks which also included revising the markers. The shorter time between the two flights also caused a tight schedule for the Dutch borehole experiment, which nevertheless could be carried out successfully thanks to special support in camp. Besides continuing ongoing work of the CFA, processing and drilling the whole camp was busy preparing for the two flights. Pallets were built for departures and disassembled after the arrivals, in the science trench ice cores and samples were packed in insulated crates for the shipment and new people were introduced to camp live and activities. Despite the additional challenges the week ended successful with both flight missions (Thursday and Saturday) completed and two thirds of the camp population exchanged.

**Skiway:**

The storm just calmed down a few days before the first flight into camp and the temperatures increased what made it difficult to work on the skiway due to little time and sticky and heavy snow. Most of the rollers got levelled out and the skiway got upgraded to a payload of 15.000lbs.

**Drilling:**

The routine drilling mode continued most of the week but on Thursday the temperatures increased so the drilling was halted to protect the ice cores. Also the core quality deteriorated. On Sunday the drillers performed a test run under cold conditions in the drill tent, but it showed that the high temperature is not the main cause of the internal cracks in the core.

Drillers depth: 278 m.

**Science:**

On Saturday the CFA team dug a pit with the purpose of updating the chemistry profile with the most recent samples.

CFA production this week: 2405.15 m to 2516.25 m (111.10 m)

Processing NEEM S1 2011 420m core: Bags 126 – 329 (112.20 m)

Dutch borehole experiment Thursday and Friday. The experiment went fine even though they were only given 48 hours due to changes in the flight plans to NEEM.

GPS antenna mounted at the NEEM main GPS position.

Mounting and testing the AWI radar system.

**Weather at NEEM:**

The beginning of the week was dominated by thick overcast and snow in between until the weather cleared up Wednesday afternoon. Rest of the week it was clear and sunny beside of Thursday afternoon with overcast and fog. Temperatures increased.

Temperatures between -3.7 C to -17 C and wind speeds at 2-12 knots.

**NEEM camp population:** 23

**NEEM iridium numbers:**

Primary no.: +8816 777 04 766

Tel.: +299 84 11 51

Mobile: +299 52 41 25

Kangerlussuaq/SFJ iridium number: +8816 214 42402

**Kangerlussuaq Activities:**

Organizing cargo, receiving people, preparing for flights to NEEM.

**Weather in Kangerlussuaq/SFJ:**

The week started with a rainy and cool Monday. The rest of the week nice and sunny days were interrupted by cloudy and windy days. Day temperatures between 8 C and 21 C.

*NEEM Field Operations office,*

*Lars Berg Larsen and Tanina Jenk-Ritzmann*