

**TO NEEM STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.**

**PROJECT NEEM (C-12-5) – SITUATION REPORT (SITREP) no.06, Sunday 17. June 2012.**

This SITREP covers the period June 11 – June 17, 2012 (inclusive).

**Movement of personnel:**

- June 11** Bruno Stocker (CH), Motohiro Hirabayashi (J), Julian Gomez (E), Thierry Win (LUX), from CPH to SFJ by AirGreenland.
- June 12** Lars Berg Larsen (DK), Bruno Stocker (CH), Motohiro Hirabayashi (J), Julian Gomez (E), Thierry Win (LUX), Bjarno Sørensen (DK), Louise Amkær (DK), Karen Margrethe Stevens (DK), Marianne Skodborggaard (DK), Jan Johansen (DK), Trine Bramsen (DK), Jeppe Mikkelsen (DK), Jonas Dahl (DK), Thomas Danielsen (DK), Stine Maiken Brix (DK), Stanley Wisneski (US), Geoff Miller (US), Henrik Mikkelsen (DK), Jesper Fleisher (DK), from SFJ to NEEM by 109<sup>th</sup> NYANG. Jørgen Peder Steffensen (DK), Simon G. Sheldon (UK), Tyler Jones (US), Marja Kröger (D), Philipp Schuert (D), Jose Velez Gonzalez (US), Bjarno Sørensen (DK), Louise Amkær (DK), Karen Margrethe Stevens (DK), Marianne Skodborggaard (DK), Jan Johansen (DK), Trine Bramsen (DK), Jeppe Mikkelsen (DK), Jonas Dahl (DK), Thomas Danielsen (DK), Stine Maiken Brix (DK), Stanley Wisneski (US), Geoff Miller (US), Henrik Mikkelsen (DK), Jesper Fleisher (DK), from NEEM to SFJ via Summit by 109<sup>th</sup> NYANG.
- June 13** Leo Peters (US), Knut Christianson (US), Kiya Wilson (US), Atsuhiko Muto (US), from NEEM to NEGIS (75 37.61 N, 35 56.49W) by AWI Basler POLAR6.
- June 14** Julian Gomez (E), Thierry Win (LUX), Sepp Kipfstuhl (D), Martin Leonhardt (D), from NEEM to SFJ by AWI Basler POLAR6. Jørgen Peder Steffensen (DK), Philipp Schuert (D), from SFJ to CPH by AirGreenland. Jose Velez Gonzalez (US), Tyler Jones (US), from SFJ to Schenectady by 109<sup>th</sup> NYANG.
- June 15** Simon G. Sheldon (UK), Marja Kröger (D), from SFJ to CPH by AirGreenland.
- June 16** Julian Gomez (E), Thierry Win (LUX), Sepp Kipfstuhl (D), Martin Leonhardt (D), from SFJ to CPH by AirGreenland.

**Movement of cargo:**

- June 12** 3400 kg Equipment including sledges and skidoos for NEGIS projec from SFJ to NEEM by 109<sup>th</sup> NYANG. 1400 kg food and GLISN/Japanese science equipment from SFJ to NEEM by 109<sup>th</sup> NYANG. 2300 kg fuel (Jet A1 in AC tanks) from SFJ to NEEM 109<sup>th</sup> NYANG. 2500 kg Danish and German drilling equipment and empty drums from NEEM to SFJ via Summit by 109<sup>th</sup> NYANG.

**June 14** 400 kg Danish shallow drilling and logging equipment from NEEM to SFJ by AWI Basler POLAR6.

**June 15** 90 kg DK drilling equipment and spare parts from SFJ to CPH by AirGreenland.

#### **Activities:**

The week started with AWI Polar 6 flights to/from NEGIS, facilitating shallow drilling and NEGIS camp equipment transport. Tuesday NEEM camp received 109th NYANG Skier 01 with 3 new camp members, 2 journalists (Euronews) and 13 DVs, including 6 MPs from the Danish parliament and the new Greenlandic police chief. Skier 01 stayed on the snow for 2 hours facilitating a tour of camp organized by camp personnel for the DVs. The DVs and 6 camp members departed for Summit and then SFJ on Skier 01. Wednesday 4 NEGIS personnel transferred to the NEGIS site on AWI Polar 6, while the journalists and 2 camp members departed NEEM on AWI Polar 6 Thursday. AWI Polar 6 is now parked in SFJ. Both rock drilling and packing down of science trench has progressed during the whole week. Furthermore the Mechanical Garage was emptied and successfully moved to a new snow hill during the week. GPS measurements of the NEEM strain net commenced and DNA surface samples were taken at the end of the week.

#### **Drilling:**

The rock drilling continued with the rock drill and several samples of basal material were recovered. Total core length now at 4.9m. All samples are a combination of sediment and ice; no bedrock samples so far. The following shallow coring site was visited with AWI Basler POLAR6: NEGIS (75 37.61 N, 35 56.49W), 66 meter ice core drilled; technical problems prevented further drilling and the shallow drilling equipment was transferred to SFJ for repairs on AWI Polar 6. The NEGIS shallow core have been processed; DEP (di-electric-properties) and density.

#### **Associated programs:**

The NEGIS team has completed seismic profile west of NEEM camp. The 4 person NEGIS team was subsequently deployed (by AWI Basler POLAR6) and established camp at the NEGIS site (75 37.61 N, 35 56.49W). Daily contact maintained between NEEM and NEGIS camps every morning.

Water Vapour station is running.

Setup of aerosol sampling progressing.

#### **Weather at NEEM:**

In the beginning of the week weather was sunny with cold nights (-20C) facilitating all scheduled flights. Later in the week weather deteriorated rapidly culminating with snow storm conditions Saturday (wind speed 30kn, gusts 35kn). Sunday the storm eased and calm weather returned.

**NEEM camp population:** 14

#### **NEEM iridium numbers:**

Primary no.: +8816 777 15686

Second no: +8816 414 39863

Tomato back-up: +8816 414 52559

**Kangerlussuaq:**

Handling 109<sup>th</sup> and Polar 6 flights. Moving cargo and breaking down pallets. Organizing received cargo in warehouse.

Briefing DVs on NEEM operations in general and preparing them and NEEM personel for field conditions.

Giving interview to Euronews at ice margin.

Tel.: +299 84 11 51

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Kangerlussuaq/SFJ iridium number: +8816 214 42402

**Weather in Kangerlussuaq/SFJ:**

Nice weather in the beginning of week, turning rainy Thursday and Friday. Saturday and Sunaday, return of nice and sunny weather. Day temperature +10C to +17C. Some clear nights with temperatures down to +3C.

Aggressive Mosquitoes...

*NEEM Field Operations office,*

*Bo Vinther*