

NEEM - SITREP no. 10, Sunday 27 June 2010

This SITREP covers the period Monday June 21 – Sunday June 27, 2010 (inclusive).

Movement of personnel:

June 21 Anders Svensson (DK), Gunnar Magnus Arntorsson (IS), René Hviid (DK), Jeppe Jønch Andersen (DK), Jiwoong Chung (KOR), Sigfus Johnsen (IS), Sebastian Bjerregaard Simonsen (DK), Thorbjörn Karlin (S), Maragreta Hansson (S), Julia Rosen (US), Jean Louis Tison (B), Thomas Rudolf Laepple (D), Anna Wegner (D), Nerilie Jane Abram (UK), Paul Vallelonga (AUS), Torben Andersen (DK), Gertie Skaarup (DK) from CPH to SFJ by Air Greenland.

June 22 Henning Thing (DK) from CPH to SFJ by Air Greenland.

Anders Svensson (DK), Gunnar Magnus Arntorsson (IS), René Hviid (DK), Jeppe Jønch Andersen (DK), Jiwoong Chung (KOR), Sigfus Johnsen (IS), Sebastian Bjerregaard Simonsen (DK), Thorbjörn Karlin (S), Maragreta Hansson (S), Julia Rosen (US), Jean Louis Tison (B), Thomas Rudolf Laepple (D), Anna Wegner (D), Nerilie Jane Abram (UK), Paul Vallelonga (AUS), Torben Andersen (DK), Gertie Skaarup (DK) and Yann Hulmann (CH-Journalist) from SFJ to NEEM by 109'th.

Jørgen Peder Steffensen (DK), Martin Leonhardt (D), Adrian Schildt (CH), Simon Schüpach (CH), Wang Shimeng (CHN), Zhang Tong (CHN), Aimee Slangen (NL), Astrid Schmidt (DK), Helle Astrid Kjær (DK), Kerstin Schmidt (D), Bo Vinther (DK), Todd Sowers (US) and Yann Hulmann (CH) from NEEM to SFJ by 109'th.

June 24 Jørgen Peder Steffensen (DK), Martin Leonhardt (D), Adrian Schildt (CH), Simon Schüpach (CH), Wang Shimeng (CHN), Zhang Tong (CHN), Aimee Slangen (NL), Astrid Schmidt (DK), Kerstin Schmidt (D), Bo Vinther (DK) from SFJ to CPH by Air Greenland.

Bob Hawley (US) from SFJ to NEEM by 109'th
Bob Hawley (US) from NEEM to SFJ by 109'th

June 26 Todd Sowers (US) from SFJ to Schenectady by 109'th.

Movement of Cargo:

June 22 1790 kg Food/science gear and 2700 kg JET-A1 from SFJ to NEEM by 109'th.
2847 kg from NEEM to SFJ by 109'th.

June 24 5170 kg and 3628 kg JET-A1 from SFJ to NEEM by 109'th.
4490 kg (1 Toyota Landcruiser and 1 pallet of garbage) from NEEM to SFJ by 109'th

Activities:

This was week with the first step for the main crew change of the season with a one week possible overlap for people on the various positions (camp, drillers and science personnel)

The camp received a flight on the June 22 with the first people and next week another flight is scheduled. The flight mission went well in good weather and low temperatures. An extra flight on top of the two planned missions was needed to the camp. This was due to critical stock of fuel in the camp and accumulated cargo/drilling liquid in Kangerlussuaq badly needed for the drilling operation. The reason for this was the reduced payload/landing weight at the site due to the poor condition of the skiway as maintenance was upset by very difficult weather conditions so far this season. After

the skiway was certified for almost maximum landing weight an extra mission to the camp went successful and the camp received the needed fuel and drilling liquid.

Skiway:

Cooperating weather as well as skiway repair and grooming with tiller and beam resulted in improved skiway conditions and after the June 22 visit by the 109'th, the skiway was upgraded

Drill trench:

Monday-Friday the drilling continued with stable and routine drilling producing ice cores in full core length and fine core quality. Saturday, the drill entered the Eemian ice at logging depth c. 2250 m, approx. 50 meters earlier than modelled.

This week production: 102.22 m

Driller's depth: 2254.36 m

Logging depth: 2272.60 m

Science trench:

The production line in the science trench performed at an optimal level all week despite the crew shift. The highly advanced CFA setup is operated around the clock by two 12-hours shifts of three persons processing around 10 meters of ice per shift.

CFA production this week: 102.30 m

CFA depth: 1833.15 m

Processing depth (ECM, DEP, Cutting): 2214.85 m

Associated programs:

NEEM iridium numbers:

Primary no.: +8816 224 34860

Secondary no.: +8816 414 39 863

Weather at NEEM:

A relative warm week at NEEM with temperatures between -15 and -4°C, calm to 20 knots, mostly scattered, high clouds.

NEEM camp population: 37

Kangerlussuaq activities:

Preparation of cargo for the camp.

Weather in Kangerlussuaq/SFJ: A couple of days with low clouds and rain showers. Otherwise very nice weather with 12-19°C. Only a few mosquitoes.

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NEEM Field operations office,

Lars Berg Larsen

Henning Thing

