

NEEM - SITREP no. 7, Sunday 6 June 2010

This SITREP covers the period May 31- June 6, 2010 (inclusive).

Movement of personnel:

June 2 Louise Wolff Ravnebjerg(DK), Simon Uhl-Jensen(DK), Gregory Teste(F), Carina v.d.Veen(NL), Aimee Slangen(NL), Jun Uetake(J), Astrid Schmidt(DK), Heejin Hwang(COR), Denis Samyn(B), Gideon Gfeller(CH), Liz Thomas(GB), Helle Astrid Kjær(DK), Kerstin Schmidt(D) and Sonia Falourd(F) from CPH to SFJ by Air Greenland

Wang Shimeng (CHN) and Zhang Tong(CHN) from NUUK to SFJ by Air Greenland.

June 3 Todd Sowers(US) from Schenectady to SFJ by 109'Th.

June 6 Louise Wolff Ravnebjerg(DK), Simon Uhl-Jensen(DK), Gregory Teste(F), Carina v.d.Veen(NL), Aimee Slangen(NL), Jun Uetake(J), Astrid Schmidt(DK), Heejin Hwang(COR), Denis Samyn(S), Gideon Gfeller(CH), Liz Thomas(GB), Helle Astrid Kjær(DK), Kerstin Schmidt(D), Sonia Falourd(F), Wang Shimeng(CHN), Zhang Tong(CHN) and Todd Sowers(US) from SFJ to NEEM by 109'th

Adalsteinn Svavarsson(IS), Steffen Bo Hansen(DK), Jakob Schwander(CH), Matthias Bigler(CH), Maibritt W. Sørensen(DK), Marie Kjærgaard(DK), Christian Panton(DK), Jack Triest(GB), Anne Wang Petersen(DK), Kumiko Azuma(J), Peter Köhler(D), Joe McConnell(US), Sato Motoyuki(J), Robert Mulvaney(GB), Vasilieos Gnikis(GR), Birthe Twarloh(D), Thomas Blunier(CH), Remi Dallmayr(F) and Theo Jenk(CH) from NEEM to SFJ by 109'th.

Movement of Cargo:

June 1 AWB 117 - 2724 3543, 65 kg IMAU from CPH to SFJ by Air Greenland.
AWB 631 9689 687, 180 kg from Sisimut to SFJ by Air Greenland

June 2 AWB 631-2641 5605, 295 kg UCPH from CPH to SFJ by Air Greenland.
265 kg from Sisimut to SFJ by Air Greenland

June 3 995 kg from Schenectady to SFJ by 109'Th

June 5 AWB 117 19737373 31 kg BAS from CPH to SFJ by Air Greenland
AWB 117 26518682, 31 kg Uni.Bern from CPH to SFJ by Air Greenland

June 6 2900 kg Cargo from SFJ to NEEM by 109'Th
1175 kg cargo/ice cores from NEEM to SFJ by 109'Th

Activities:

This was another flight week with one scheduled flight to NEEM. Due to technical problems with some of the three planned airplanes coming from New York to SFJ it was a very late arrival for only two of the airplanes on Wednesday June 2. And on the following Thursday mission to NEEM was aborted on final approach at NEEM due to other technical issues and the Skier had to return to SFJ on three out of four engines. With one airplane arriving late the evening before and another plane leaving the same day for the Danish Air show 2010, it was not possible to get a Friday mission to NEEM. A Saturday mission was possible but since most people already missed their Copenhagen Air

Greenland flight and next would be Monday June 7 earliest, it was decided to wait until Sunday to do the crew change. This was in favour of getting extra time to work on the skiway and the weather to improve. We had a successful mission to NEEM on Sunday June 6. The only problem, however was that the plane needed so much fuel, that camp fuel reserves are now very low.

A General Camp activity was preparing the skiway and the cargo for the retro flight. Moving last fuel tank to apron.

Skiway:

All week the skiway, taxiway and apron has been worked on. And again when a flight was coming up the weather was going down. The skiway has been worked on under difficult conditions with blowing snow, fog and high temperatures.

Drill trench:

Unstable drilling continues the start of the week, long cores was produced but the runs left to many chips in the borehole creating trouble for the next run. A different configuration was tried but high current in the drill motor slowed down the drilling. Finally the configuration from end of 2009 with open hollow shaft, lower valve and same cutting pitch was tested again. This brought some stability in the drilling and produced runs between 2.7 and 3.5 meters. Later the week some fine tuning was done and some filter runs when needed but in general nice ice were brought to the surface.

This week production: 66.50 m

Driller's depth: 1942.57 m

Logging depth: 1958.55 m

Science trench:

A very productive week in the science trench where the challenging brittle ice was processed. And again the CFA was running nicely all week and a test with three bags poor ice quality and three bags better quality brittle ice was tested. It was concluded that CFA was feasible even in brittle ice.

CFA production this week: 120.90 m

CFA depth: 1521.85 m

Processing depth (ECM, DEP, Cutting): 1868.90 m. Brittle zone interval processed: 1192.40m – 1281.50 m.

Drill trench: -15C

Connecting tunnel: -21C

Core buffer: -21C

Science trench: -17C

Ice cave: -24C

Associated programs:

NEEM iridium numbers:

Primary no.: +8816 224 34860

Secondary no.: +8816 414 39 863

Weather at NEEM:

Temperatures between –28 and -4 C, 5 -23 knots, nice weather in the beginning of the week, deterioration later in the week with snow showers, fog and haze. Warm temperatures late in the week

NEEM camp population: 33

Kangerlussuaq activities:

Busy week in Kangerlussuaq with late arriving airplanes and cargo, two day delayed military ground and airplane handling crews (done by CPS, KISS and NEEM) Three day delayed crew to NEEM.

Weather in Kangerlussuaq/SFJ: Very nice weather most of all week, Day temperatures up to 20 C
Lots of mosquitoes.

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