

NEEM 2007

SITREP no. 7, Sunday 12. August 2007.

This SITREP covers the period 6. August to 12. August, inclusive.

Movement of personnel:

- 10. August: Sverrir Hilmarsson (IS), Steffen Bo Hansen (DK) from NEEM to Thule by LC-130.
- 11. August: Peter Sperlich (D), Maria Hörhold (D), Claude Laird (US), Susanne Buchardt (DK), Lars Berg Larsen (DK), Simon Sheldon (DK) and J.P.Steffensen (DK) from NEEM to SFJ by LC-130.
- 11. August: Simon Sheldon(DK) and Susanne Buchardt (DK) from SFJ to CPH by Air Greenland.
- 12. August: Maria Hörhold (D), Peter Sperlich (D) and Lars Berg Larsen (DK) from SFJ to CPH by Air Greenland.

Planned:

- 13. August: Steffen Bo Hansen (DK) and Sverrir Hilmarsson (IS) from Thule to SFJ by LC-130.
- 13. August: Claude Laird (US) from SFJ to Schenectady by LC-130.
- 13. August: J.P.Steffensen (DK) from SFJ to CPH by Air Greenland.
- 14. August: Steffen Bo Hansen (DK) and Sverrir Hilmarsson (IS) from SFJ to CPH by Air Greenland.

Movement of Cargo:

- 10. August: 3000 kg weatherports, snowblower and bamboo from SFJ to NEEM.
- 10. August: 3000 kg (11 drums Jet A-1 and 4 drums Mogas) from SFJ to NEEM.
- 10. August: 2100 kg icecores, DK-scientific equipment + Kansas antenna from NEEM to Thule.
- 11. August: 2100 kg radar equipment from NEEM to SFJ.
- 12. August: 850 kg AWI radar equipment from SFJ to Bremerhaven.

Planned:

- 13. August: 1500 kg Cressis radar equipment from SFJ to Schenectady.
- 13. August: 2100 kg icecores, DK-scientific equipment + Kansas antenna from Thule to SFJ.
- 14. August: 1900 kg icecores, DK-equipment from SFJ to CPH.

Camp activities:

Work on science continued Monday and Tuesday. Tuesday afternoon all camp activities were focussed on packing and winterizing camp and grooming the skiway. The planned pull out Wednesday was delayed to Thursday due to bad weather. The pull out plane arrived Thursday afternoon and was stuck in the warm snow. Attempts to get airborne failed, and at the attempt to get airborne Friday morning at 4 was interrupted due to a broken front ski. Friday evening, a second LC-130 landed on site with fuel and spare parts. The two pallet cargo was split between the two planes. The second plane went to Thule due to lack of fuel with two personnel from camp to take care of cargo, and the first plane took off without complications in the cold weather and reached SFJ Saturday at 04.00.

The Neem camp has been winterized and documented. The weatherport remains standing on the 1m hill over winter. This weatherport contains a complete kitchen with food supplies and propane gas stove. The two Kässbohrer flexmobiles and the Toyota are parked on the snow with 50 m distance. Three skidoos are parked in a snow cave. The groomer is parked on the snow. Five pallets are left along the out side of the apron: Pallet with 8 drums Jet A-1 and 4 drums mogas. Pallet with 9 empty and 3 full drums of Jet A-1. Pallet with Yanmar snow blower. Pallet with 10' x 10' weatherport and 12' x 20' weatherport. Pallet with 8 ATO bottles (igniters are in Toyota). All other cargo is placed on the four heavy sleds which are parked at 200 m distance on the snow, downwind from camp.

Most logistic objectives have been reached, except for the second traverse. The time window for this traverse had become too narrow, particularly due to the 14 days delay in the start of season.

At NGRIP a depot of 32 drums of fuel, a caterpillar loader and spare parts, 2 Alpine skidoos, furniture and other infrastructure awaits pickup next year.

Scientific activities:

After repair of Mattrack, the Kansas 10 km x 10 km radar grid around NEEM at 1 km track separation was completed Monday. The setup of strain position network was completed Monday. The seismic station was setup and activated 500 m West of present camp on Monday. An extra battery was installed at the PARCA Automatic Weather station, some 7 km –NE of camp on Monday. Shallow ice core drilling and pit studies continued to Tuesday, and drilling stopped at 80 m.

All scientific objectives for this years campaign have been reached.

Weather:

-2 C to - 25 C, Tuesday, Wednesday and Thursday cloudy, snowy and warm, winds at 5 - 7 m/s from 240 - 260 Mag.

From Thursday evening blue sky and 3 - 4 m/s from 170- 220 Mag. Ground fog at 03.00.

Personnel at NEEM: 0

FL J.P.Steffensen