

NEEM 2007

SITREP no. 3, Sunday 15. July 2007.

This SITREP covers the period 9. July to 15. July, inclusive.

Movement of personnel:

Movement of personnel:

- 9 July: Claude Laird (US) from Schenectady to SFJ by 109th.
9 July: Maria Herholt (D), Susanne Lilja Buchardt (DK), Simon Sheldon (DK), Steffen Bo Hansen (DK), Sverrir Hilmarsson (IS), Lars Berg Larsen (DK), Peter Sperlich (D) and Joergen Peder Steffensen (DK) from CPH to SFJ by SAS.
12 July: Maria Herholt (D), Susanne Lilja Buchardt (DK), Simon Sheldon (DK), Steffen Bo Hansen (DK), Sverrir Hilmarsson (IS), Lars Berg Larsen (DK), Peter Sperlich (D), Claude Laird (US) and Joergen Peder Steffensen (DK) from SFJ to NGRIP by 109th.

Movement of Cargo:

12. July: 12700 lbs Toyota, snow mobiles, loose load from SFJ to NGRIP by 109th.
12. July: 16000 lbs food, radar, weatherport and spare parts from Summit to NGRIP by 109th.

Camp activities:

After an aborted put-in 8th July due to engine problems on the LC-130, all personnel were successfully put-in at NGRIP Thursday morning at 4.40. The plane departed without any problems. The skiway was still hard after grooming 2 weeks ago. At 6.40 a second LC-130 arrived with the cargo from Summit. Unfortunately the landing had to be aborted due to fog, and the plane returned to Summit. The fog lifted, and at 10.45 the plane landed at NGRIP. At 11.10 the plane took off in second attempt, which concluded the put-in of NEEM traverse.

The NGRIP main dome is used as shelter and power supply. The main generator is running providing heat and power.

All arriving cargo has been unpacked and sorted. The radar teams are assembling their systems in preparation of the traverse. The first tests of the German system look good, and the German radar is set to go. For the Kansas radar, the electronics is mounted inside the Toyota, and the antenna array sled has been constructed. Tomorrow the units will be connected. The drive belts of one Flexmobil have been changed, and the vehicle has been serviced. All large sledges have been retrieved from depot in the cargo line, and the cargo is being re-distributed.

Scientific activities:

A GPS reference station has been setup. This station will be taken down again when the second traverse arrives.

Logging of the NGRIP bore hole is successfully concluded. Final logging depth was

2950 m, i.e. well below the problematic layer of 2000. At 2950 m a layer with very small diameter was encountered, this is possibly an ice bridge. The first scientific objective has been reached.

Weather at NGRIP:

-4 C to -8 C, mostly overcast and gentle winds at 3 - 5 m/s from 240 degrees true, visibility good but surface contrast is low due to the overcast.

NEEM personnel at NGRIP: 9

FL J.P.Steffensen