

NEEM - SITREP no. 16, Sunday August 10, 2008.

This SITREP covers the period August 4 – August 10, 2008 (inclusive).

Movement of personnel:

4th August: Trine Dahl-Jensen(DK), Henry Rufli(CH), Olivier Alemany(F) and Christian Panton(DK) from SFJ to CPH by SAS.

4th August: Valerie Masson Delmotte(F) from SFJ to Ilulissat by Air Greenland

Movement of Cargo:

No movement of cargo

Camp Activities:

The work scheduled for the main dome this year was completed on Wednesday as the panels around the dome base were mounted. The last rubber was fixed and glued and the top windows in the “pentagon” tower were mounted Tuesday. In the science trench floors have been leveled and the core buffer storage has been completed with shelves and troughs. Lamps and lighting in science trench and drill trench has been mounted. The floor in Garage 1 has been renewed and shelves have been built and adjusted. Camp crew has found the windows for the Viessmann units and they have now been mounted. Outside the main dome, the crew has completed a connection box for heating, water and power, so that the main generator can be hooked up to the main dome in short time next year. The glycol mixture used in the heating system of the main dome has been exchanged to a mixture that freezes at -48 deg C. and will be left in the system over winter. In the vehicle workshop there have been maintenance and repairs on the CAT, Toyota and snow blowers. There has been routine maintenance on the main generator. Camp is beginning to pack down. Three weatherports have been taken down and snow hills for overwintering cargo have been built. Cargo lying on the surface has been taken down into the trenches or into garages, giving the camp a much more tidy look.

Drilling:

The inclined trench has been completed with stairs and slush pan. The tower has been mounted and the tilting mechanism tested. The tower is now aligned to the inclined trench and the roof. Next year we will mount a “submarine” window over the top of the tower. Floors have been put in and ventilation installed. By Sunday the extraction table was completed. Work is now in progress to install the drill fluid and chips treatment stations.

Science:

A 10 m core has been drilled outside the drill trench. It has been sampled for stable isotopes and ECM has been performed on the bottom sections. This core will be the top section of the NEEM deep core. After this processing, the ECM bench has been packed down as processing of cores this year is concluded. Last ice has been packed.

Several visits have been made to the PARCA Automatic Weather Station some 8 km N of NEEM camp. In preparation of a move of this station to a location closer to camp, several years of data have successfully

been downloaded.

The CReSIS radar team has made several tracks of successful measurements. A noise problem from the computer has been fixed and measurements have been going well until Sunday morning when one of the main bearings of a Matrax broke down. The Toyota has been pulled to camp for repairs and in the mean time the radar equipment has been mounted into a Flexmobil tracked vehicle.

Weather:

Weather all week has been mostly clear, with winds at 2 – 8 m/s mainly from SSW. Temperatures from -3 C to -19 C.

Camp population: 15

In Kangerlussuaq, weather has been dry and warm up to 20 C.

NEEM Field operations office,

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