

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

PROJECT EGRIP (C-16-5) – SITUATION REPORT (SITREP) no.03, Sunday 9th May 2016.

This SITREP covers the period 2nd May– 8th May, 2016 (inclusive).

Movement of personnel:

- 2nd May** Malte Winther (DK) and Christian Bovet (DK) from Copenhagen (CPH) to Kangerlussuaq (SFJ) by Air Greenland
- 3rd May** Malte Winther (DK) and Christian Bovet (DK) from Kangerlussuaq SFJ to EGRIP Camp by 109th
Sune Olander Rasmussen (DK) and Hans Christian Steen-Larsen (DK) from EGRIP to SFJ by 109th
- 5th May** Sune Olander Rasmussen (DK) and Hans Christian Steen-Larsen (DK) from Kangerlussuaq (SFJ) to Copenhagen (CPH) by air Greenland

Movement of cargo:

- 2nd May** From Copenhagen (CPH) to Kangerlussuaq (SFJ) by air Greenland:
6 ice core boxes (Todd Sowers)
- 3rd May** From Kangerlussuaq(SFJ) to EGRIP Camp by 109th:
15500 lbs air force pallet goods and 6129 L fuel: Weatherports, plywood, Nettles boxes, HC scientific equipment, food (2137 kg), electrical cables, Lindab ventilation pipes, 10 beams
From CPH to Kanger with air Greenland:
Ice core box 6341 (Todd Sowers)
- 5th May** From Kangerlussuaq SFJ to Scotia, New York by 109th:
6 ice core boxes (Todd Sowers)

Camp activities:

The water systems have been mounted and camp is now fully functioning with running water and central heating. The drain pipes under the main dome have been totally rebuilt. A total of 4 weatherports are up. The stitching in several weatherport covers is getting weak. We have made repairs with an awl and ordered a tarp sewing machine. We have laid cables to both garages, as well as on the NE side of camp to the weatherports. Three weatherports have been outfitted with bunk beds, and one is reserved for food. All four have power and heating. The paths and position of the cable has been photo documented.

During the week there have been repairs and maintenances on several machines: The main fuel pump, both Flexmobils and snow blowers. There have been a few small incidents with the main generator; but it is now running fine. On Thursday the new snow blower was mounted on PistenBully 2 and it is working fine.

The entire camp area has been cleaned up, cargo has been sorted and organized and the snow surface has been groomed to flatness. Work has begun to build a carpenters workshop.

Saturday, the future underground facilities were surveyed and marked and Sunday the excavation of the trenches began.

Science activities:

Unfortunately main components of the water vapour sampling system did not arrive in time for setting the system up in this flight period. The equipment has now arrived, and in the near future it will be set up. A

snow and atmospheric sensor station has been set up. German phase sensitive radar tests, snow sampling programs and firn density programs are in progress.

EGRIP Camp Population: 10 people

EGRIP iridium numbers:

+8816 777 37835 (Camp, primary number)

+8816 234 93272 (secondary)

Weather at EGRIP:

Temperatures between –33 C and –22 C, wind; calm -4-10 knots mainly from W and SW. No precipitation. The Greenlandic high has been predominant for the weather conditions over the EGRIP area. The pressure system generated dry and stable conditions.

Kangerlussuaq activities:

First part of the week was busy and the load for the 3rd May flight, was not ready until late on 2nd May. The two persons going to EGRIP helped us. On 3rd May, they were exchanged with two from camp. After the last flight of this period, we had a calm week. After 5th May all EGRIPpers were gone from Kangerlussuaq except the two FOMs. We received ice core boxes, on the 2nd and 3rd, which were sent on to Scotia on the 5th. On the 2nd May we had a photographer (Kirstine Jacobsen) from Videnskab.dk, who took video of Malte Winther and Christian Bovet packing their field gear and getting into the 109th. She also interviewed Helle Kjær about the EGRIP project.

The EGRIP FOM office is open.

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Weather in Kangerlussuaq/SFJ: Changing weather with between 7-15 degrees at noon.

EGRIP Field Operations office,

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