

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

Expedition Permit C-17-5 EGRIP– SITUATION REPort (SITREP) no.03, Sunday 7. May 2017

This SITREP covers the period May 1 – May 7, 2017 (inclusive).

Movement of personnel:

- 1. May** Jens Christian Hillerup (DK), Steffen Bo Hansen (DK), Motohiro Hirabayashi (J), Maria Hoerholt (D), Camilla Marie Jensen (DK), Iben Koldtoft (DK), Hans Christian Steen-Larsen (DK) and Bo Vinther (DK) from SFJ to EGRIP by 109th.
Jesper Vestergård (DK) from EGRIP to SFJ by 109th.
- 2. May** Jesper Vestergård (DK) from SFJ to CPH by Air Greenland

Movement of cargo:

- 1. May** 4820 kg (10.600 lbs) Food, Drilling equipment, science equipment, camp equipment and 600 l drilling fluid. 950 liter (1830 lbs) fuel from AC-tanks
- 4. May** From NUUK to SFJ by Air Greenland:
26 KG (AWB 631-9791 5252) 3 colli, Tools.

Camp activities:

The camp received the second airplane with cargo and people on a perfect day for air operations, blue sky - 20C and 8 m/s wind along the skiway.

People moved out from the Main dome into the weather ports and the work installing water and heating was completed.

More powerlines installed in the drill and science trenches and the elevator and staircase installed.

Midweek another storm hit the camp and prior to that preparation for securing equipment was done. A new weather port for fresh food was erected and the communication disk was pulled in place.

After the high winds, one of the two outdoor overwintering vehicles was started and moved to the camp.

Work continued increasing the height in the ramp tunnel.

Our snowmobile suffered from engine problems, which was most likely due to an old dirty fuel drum.

Service and repair on the Yanmar snow blower. The main generator had a fault and stopped Saturday, the problem was fuel injector pump, at high loads the frequency dropped below allowed values the problem got solve by contact the company.

In the connecting tunnel, a new saw was installed in the ice core extraction cabin.

On the surface two more weather ports were erected and the satellite communication was activated.

The camp server and the camp LAN were installed. The public internet is running and work on radar started.

Science activities:

This week the water vapour site and tower set up was completed and is now sampling.

The surface snow sampling program has started.

Japanese snow and aerosol experiments in progress

The deformation of the trenches look like the deformation results from the NEEM test balloon trench. The roof of trenches and tunnels has come down by 40-60 cm in the last year. Next year, the roof is expected to come down by another 25 cm, and the following year by 17 cm as the rate of deformation decreases exponentially. As in the test, all tunnels and trenches have a slight increase in width. The bottom of both vertical shafts changed diameter from 3.55 m to 3.52 m.

Drilling activities:

In the drill trench, the drillers cabin had windows installed and power was connected.
The deep drill winch has been greased and tested.
Cable termination has been pulled tested to 17.000 N
Worked on plumbing for drill fluid reservoir.

EGRIP Camp Population: 19 people

EGRIP iridium numbers:

NOTE: Primary number different from the number given in the field plan.

Primary no.: +8816 777 72510 Iridium Openport
Secondary no.: +8816 234 9137 Field leader, handheld satellite phone

3 m satellite dish installed, and camp has access to LAN and the web.

Weather at EGRIP:

It has been some windy days at EGRIP, wind speed at 6 to 30 knots and temperatures between -12C and -35C.

Kangerlussuaq activities:

With two planed flight to EGRIP main activities has been preparing cargo and hosting the 12 people put in team and the following 8 people who arrived a couple of days later.

EastGRIP field operations office

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Weather in Kangerlussuaq/SFJ:

The weather has been mixed with sun and snow showers and temperatures between -3 and -10C
No mosquitoes.

*EGRIP Field Operations office,
Marie Kirk
Lars Berg Larsen*