

**TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.**

**Expedition Permit C-17-5 EGRIP– SITUATION REPort (SITREP) no.05, Sunday 21. May 2017**

**This SITREP covers the period May 15 – May 21, 2017 (inclusive).**

**Movement of personnel:**

**15. May** Sune Rasmussen (DK) from CPH to SFJ by Air Greenland.

Bruce Vaughn (US) and Valerie Morris (US) from KSCH to SFJ by NYANG 109<sup>th</sup>

**16. May** Harald Sodemann (N), Elizabeth Bagshaw (UK), Emilie Capron (DK), Alexey Ekaykin (RUS), Anne Kathrine Faber (N/DK), Jan Wachholz Holm (DK), Matthias Huether (D), Nanna Karlsson (D/DK) and Fumio Nakazawa (J) from CPH to SFJ by Air Greenland.

Lydia V. Helms (GRL) from Nuuk to SFJ by Air Greenland

**18. May** Harald Sodemann (N), Elizabeth Bagshaw (UK), Emilie Capron (DK), Alexey Ekaykin (RUS), Anne Kathrine Faber (N/DK), Jan Wachholz Holm (DK), Matthias Huether (D), Nanna Karlsson (D/DK), Fumio Nakazawa (J), Nicholai Jørgensen (DK), Sune Rasmussen (DK), Lydia V. Helms (GRL), Bruce Vaughn (US) and Valerie Morris (US) from SFJ to EGRIP by NYANG 109<sup>th</sup>

Christian Bovet (DK), Hans Chr. Florian (GRL), Maria Hoerhold (D) and Kenji Kawamura (J) from EGRIP to SFJ by NYANG 109<sup>th</sup>

Lars Berg Larsen (DK) from CPH to SFJ by Air Greenland

**19. May** Thomas Blunier (DK), Eliza Cook (DK), Christian Holme (DK), Xu Jianzhong (CHN), Benjamin Keisling (DK/US), Rasmus Pedersen (DK) and Ilka Weikusat (D) from CPH to SFJ by Air Greenland

Christian Bovet (DK), Maria Hoerhold (D), Kenji Kawamura (J) and Marie Kirk (DK) from SFJ til CPH by Air Greenland

**20. May** Hans Chr. Florian from SFJ to Nuuk by Air Greenland.

**Movement of cargo:**

**18. May** 176 kg (AWB 631-228 2220) 6 colli DK science cargo from CPH to SFJ by Air Greenland.

6680 kg (14.690 lbs) science cargo from SFJ to EGRIP by NYANG 109<sup>th</sup>

1.600 kg (3500 lbs) Empty Air Force pallets and garbage from EGRIP to SFJ by NYANG 109<sup>th</sup>

**Camp activities:**

The skiway, taxiway and apron were groomed in preparation of flights May 18 and 22. The lead-in markers of NE lead-in were reset, and this completed resetting markers. Several pallets were built for retrograde to SFJ. Core trough shelves in buffer completed. Testing of motion radar continued. Completed excavation of PROMICE weather station. Pistenbully 1 developed a leak in the brake, and this caused damage to the planetary gear housing. Exhaust on Cat repaired. Visit of a Twin Otter with Abdalathi group for maintenance of snow surface station was extended for one day due to bad weather, increasing population to 35 people. WP 2 was built. Mounting of freezer system for core extraction room in progress. Removing snow drifts. Replacing broken skiway markers.

**Science activities:**

Snow sampling program active. Japanese aerosol sampling and snow experiments active. Water vapour, methane sampling and boundary layer meteorology station working. Pit studies have been done. Setting up system to measure boundary layer dynamics in progress. "egg" project in progress. ECM setup in science trench completed.

**Drilling activities:**

Using reference markers on the surface, the zero depth of deep borehole was surveyed. First bag of EGRIP deep core is bag 26 complete. Trouble shooting drilling electronics, both new and old. Had to use simple HT system. Work on getting intermediate winch operational. Casing of borehole complete. Mounting of deep drill in progress. Slush pans, railing and fluid gutter mounted around borehole.

**EGRIP Camp Population:** 28 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:** Mostly sunny, but with short episodes of snow and blowing snow. Temperature between -5.5 C and -29 C and wind 5 – 8 m/s (during blizzards 8 – 18 m/s) mostly from SW.

**Kangerlussuaq activities:**

A lot of activity in preparation of the flights May 18 and 22. Housing of personnel, receiving cargo, packing pallets, handling food orders and cargo documentation.

Nicolai finished his work in the warehouse and we held a great opening barbecue on the evening of the 17<sup>th</sup>, both locals, tourists and some of the 109<sup>th</sup> came to the festivities.

After days of investigation the location of the fresh food order for camp it was discovered on Friday the 19<sup>th</sup>, that the food supplier had made a mistake and that it was never ordered. So the weekend became a rush against time to get the necessary food for camp purchased and flown in from Nuuk.

**EastGRIP field operations office**

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**Weather in Kangerlussuaq/SFJ:**

Temperature between 12 C and -2 C. Mixed cloudy and sunny weather. Some days with quite some rain/sleet.

No mosquitoes yet.

*EGRIP Field Operations office,*

*Marie Kirk*

*Lars Berg Larsen*

*Thomas Blunier*