

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

**Expedition Permit C-17-5 EGRIP– SITUATION REPort (SITREP) no.08, Sunday 11. June 2017**

**This SITREP covers the period June 05 – June 11, 2017 (inclusive).**

**Movement of personnel:**

- 7. June** Marie Kirk (DK), Water Shigeyama (J), Johannes Freitag (D), Zhang Qi (CHN) from CPH to SFJ by Air Greenland.
- 8. June** Carlo Barbante (I), Sarah Berben (N), Dorthe Dahl-Jensen (DK), Jan Eichler (D), Kevin Fourteau (F), Vasileios Gkinis (DK), Lisa Look Hauge (DK), Chris Jacobs (UK), Helle Kjær (DK), Jesper B. Liisberg (DK), Kerim Nisancioglu (N), Anaïs Orsi (F), Henrik Park Preisler (DK), Nicolas Rathmann (DK), Jason Roberts (AUS), Jakob Schwander (CH), Anders Svensson (DK), Jan Tell (D), Paul Vallelonga (DK), Remo Walther (CH), Anton Gerhardt Hofreiter (D), Jonas Pohlmann (D), Christoph Seidler (D), Susanne Ungrad (D), Karin Lochte (D) from CPH to SFJ by Air Greenland.
- 8. June** Xu Jianzhong (CHN), Jens Christian Hillerup (DK), Hans Christian Steen-Larsen (DK), Benjamin Keisling (US), Iben Koldtoft (DK), Sune Olander Rasmussen (DK), Bo Møllesøe Vinther (DK), Alexey Ekaykin (RUS), Rasmus Anker Pedersen (DK), Dennis Wistisen (DK), Bruce Vaughn (US) from EGRIP to SFJ by NYANG 109<sup>th</sup>.
- 9. June** Jens Christian Hillerup (DK), Rasmus Anker Pedersen (DK), Sune Olander Rasmussen (DK), Bo Møllesøe Vinther (DK), Dennis Wistisen (DK) from SFJ to CPH by Air Greenland.
- 10. June** Thomas Blunier (DK), Water Shigeyama (J), Carlo Barbante (I), Sarah Berben (N), Dorthe Dahl-Jensen (DK), Jan Eichler (D), Kevin Fourteau (F), Johannes Freitag (D), Vasileios Gkinis (DK), Lisa Look Hauge (DK), Chris Jacobs (UK), Helle Kjær (DK), Jesper B. Liisberg (DK), Kerim Nisancioglu (N), Anaïs Orsi (F), Henrik Park Preisler (DK), Zhang Qi (CHN), Nicolas Rathmann (DK), Jason Roberts (AUS), Jakob Schwander (CH), Anders Svensson (DK), Jan Tell (D), Paul Vallelonga (DK), Remo Walther (CH) from SFJ to EGRIP by NYANG 109<sup>th</sup>.
- 10. June** Jørgen Peder Steffensen (DK), Bruno Stocker (CH), Lydia V. Helms (GRL), Ilka Weikusat (D), Eliza Cook (UK/DK) from EGRIP to SFJ by NYANG 109<sup>th</sup>.
- 11. June** Bruce Vaughn (US) from SFJ to Schenectady by NYANG 109<sup>th</sup>.

**Movement of cargo:**

**8. June** 10.650 kg (23,650 lbs) cargo and 1900 L fuel.  
From SFJ to EGRIP by the NYANG 109<sup>th</sup>

**8. June** 898 kg (1,980 lbs) cargo  
From EGRIP to SFJ by the NYANG 109<sup>th</sup>

**10. June** 8.400 kg (18,520 lbs) cargo from SFJ to EGRIP by the NYANG 109<sup>th</sup>  
(retro cargo dumped)

**DV's:**

Anton Gerhardt Hofreiter, Jonas Pohlmann, Christoph Seidler, Susanne Ungrad, and Karin Lochte, scientists and politicians from Germany.

**Camp activities:**

Cooks new freezer was completed and the previous food storage is now ready for ice core storage. In conjunction to all the new cables that have been laid, a lot of work was put into upgrading the electrical systems in the trenches and improvement of lighting. A ceilometer was setup. It will be used for measuring cloud heights in five levels at the same time. The Caterpillar was maintained and the steering brakes adjusted. The camp was secured for the bad weather that arrived Friday 9 June. The flight on June 10 was delayed due to bad weather, and it arrived in camp at 16.30 L. At 19.00 L the plane used 9 attempts to become airborne, it took 2,000 lbs fuel and dumped all retro cargo. On the way back, it had to divert to Summit to get re-fuelled. The 18 passes in early evening ruined the skiway, and it will be a while before it gets into shape again.

**Science activities:**

German snow sampling, Japanese aerosol sampling, water vapour sampling and methane sampling continued.

The isotope CFA laboratory is now running.

The firn gas drilling program was initiated.

A pilot hole was drilled for the Swiss RADIX drill.

**Drilling activities:**

Due to lack of drill fluid, the drillers spent time optimizing the drilling operation. This including adding 70 kg of dead weight and testing newly developed drill electronics. Consequently, they increased the downward velocity in the drill fluid by 50%. Furthermore, the new electronics seems to improve chips transport.

June 4: Logging depth: 282.45 m. Processing depth: 142.45 m.

June 11: Logging depth: 339.31 m. Processing depth: 233.75 m.

**EGRIP Camp Population:** 36 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

Camp has access to LAN and the web.

**Weather at EGRIP:**

Until Thursday night, sunshine, with temp. -8 to -23 deg C and winds 3-10 knots from SW. From Thursday night the wind changed to 15-25 (max 31) knots from ESE.

Sunday afternoon it cleared up, with winds 6.12 knots from SW.

**Kangerlussuaq activities:**

There was quite a lot of activity, housing of passengers and packing of food and cargo due to the planned major crew exchange schedule for June 9. As camp was running low on drilling fluid and fuel, it was decided to ask for two flights this period. The forecast for June 9 was bad, and the extra flight was done on June 8. The crew exchange and a German DV visit to camp was done on June 10. The FOMs also took the visiting DVs on excursions to the ice front.

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**Weather in Kangerlussuaq/SFJ:**

It has been sunny and full of mosquitoes all week.

*EGRIP Field Operations office,*

*Marius Simonsen*

*Marie Kirk*

*Eliza Cook*