

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

### **Expedition Permit C-22-5 EGRIP – SITUATION REPORT (SITREP) no.18, Wednesday 24 August 2022**

This SITREP covers the period August 15 – August 25, 2022 (inclusive). This is the last SITREP for the season 2022.

#### **Movement of personnel:**

- 15-08-2022 Mikkel Langgaard Lauritzen (DK), Johannes Lohmann (DK/DE) and Julien Westhoff (DK/DE) from Kangerlussuaq to CPH by Air Greenland.
- 15-08-2022 Caroline Hornnes Pedersen (DK) and Lukasz Warzecka (DV-press) from EGRIP to Kangerlussuaq by 109<sup>th</sup>.
- 16-08-2022 Caroline Hornnes Pedersen (DK) and Coen Hofstede (DE/NL) from Kangerlussuaq to CPH by Air Greenland.
- 16-08-2022 Sonja Wahl (DE) from Kangerlussuaq to Nuuk by Air Greenland.
- 17-08-2022 Søren Børsting (DK), Zhiyuan Gao (CAN), David Binne (CAN), Barbara Seth (CH/DE), Florian Painer (DE/AT) and Lukasz Warzecka (DV-press) from Kangerlussuaq to CPH by Air Greenland.
- 18-08-2022 Andreas Fichtner (CH/DE) from Kangerlussuaq to CPH by Air Greenland.
- 20-08-2022 Martin Leonhardt (DE), Sepp Kipfstuhl (DE), Dorte Dahl-Jensen (DK), Sverrir Hilmarsson (IS), Niels Schøtt Hvidberg (DK), Frederik Bugge Nielsen (DK), Iben Koldtoft (DK), Nicolas Stoll (DE), Elizabeth Bagshaw (UK) and Michael Prior-Jones (UK) from EGRIP to Kangerlussuaq by 109<sup>th</sup>.
- 21-08-2022 Niels Schøtt Hvidberg (DK) from Kangerlussuaq to CPH by Air Greenland.
- 22-08-2022 Dorte Dahl-Jensen (DK), Nicolas Stoll (DE), Elizabeth Bagshaw (UK) and Michael Prior-Jones (UK) from Kangerlussuaq to Nuuk by Air Greenland.
- 22-08-2022 Sverrir Hilmarsson (IS), Frederik Bugge Nielsen (DK) and Iben Koldtoft (DK) from Kangerlussuaq to CPH by Air Greenland.
- 24-08-2022 Martin Leonhardt (DE) from Kangerlussuaq to CPH by Air Greenland.
- 25-08-2022 Sepp Kipfstuhl (DE), Jørgen Peder Steffensen (DK) and Marie Kirk (DK) from Kangerlussuaq to CPH by Air Greenland.

#### **Movement of cargo:**

- 15-08-2022 0.5 kg VHF radio mounting unit from US to Kangerlussuaq by postal service, Air Greenland.
- 15-08-2022 DKAAR0022412, 95 kg, CPH to Kangerlussuaq, by Royal Arctic Line (4x CO<sub>2</sub> cylinders).
- 15-08-2022 10,700 liter fuel from Kangerlussuaq to EGRIP by 109<sup>th</sup>.
- 15-08-2022 8875 kg trailer, SNOWISO, AWI science, DK science, Viessman, rover and camp equipment to Kangerlussuaq by 109<sup>th</sup>.
- 20-08-2022 506 kg DK and DE Drilling equipment for BEOI from Kangerlussuaq to CPH by Air Greenland.
- 20-08-2022 4100 liter fuel from Kangerlussuaq to EGRIP by 109<sup>th</sup>.
- 20-08-2022 6020 kg empty drums, core troughs, science equipment, waste from EGRIP to Kangerlussuaq by 109<sup>th</sup>.
- 23-08-2022 638 kg DKAAR0023286 Hand gel + dry food for EGRIP 2023 from Aarhus to Kangerlussuaq by Royal Arctic Line.
- 23-08-2022 433 kg air freight equipment to CH and DE from Kangerlussuaq to CPH by Air Greenland.
- 24-08-2022 3900 kg ice cores from Kangerlussuaq to CPH by Air Greenland.

August 2022 One 20' container with AWI, UiB and CPH equipment by ship from Kangerlussuaq to Aarhus by Royal Arctic Line.

**EGRIP camp activities:**

With first pull-out occurring on August 14, camp population was reduced to 10. Most activities in camp have focused on packing down camp for end of season close. On the surface, all weatherports have been taken down and eight pallets with retro cargo were finalized. Camp personnel carried out extensive documentation of all equipment and food in camp. The skiway was surveyed by GPS. Camp internet connection (satellite dish) was taken down August 19. Water systems were closed and stowed as well as the main generator. The last days, camp was running on the 35 kW generator in carpenter's garage. All entrances were marked and sealed and vehicles were parked in garages, except for two Flexmobils and the new Pistenbully which were stored on snow hills. The final pull-out on August 20 was successful with a ground time of 2 hr 15 min.

**Drilling:**

Drilling has stopped for this season. In the drill trench, most equipment was packed and the UK project CryoEGG had the last activity in the borehole.

Final depth of EGRIP 2022 measured by length of retrieved ice core is 2418.23 m.  
Temperature at 2400 m depth in borehole: -11.1°C.

**Science:**

The last science work in camp was the UK CryoEGG project which finished 18<sup>th</sup> August.

**EGRIP Camp Population: 0**

**Weather at EGRIP:**

Weather at EGRIP this week was mostly fine with a couple of days with overcast. There were many days with morning and evening fog, which are typical for the season. Day temperatures have been from -9°C to -25°C and night temperatures were from -20°C to -30°C. Mild winds at 5- 9 kt. Winds mainly from West.

**Kangerlussuaq activities:**

This week has been busy with handling the return of 20 people from EGRIP and reception of more than 11 air force pallets of cargo from EGRIP. The cargo was separated into ice cores (special air freight), cargo for Antarctica (urgent air freight), science cargo by air, science cargo by ship, equipment to stay in Kangerlussuaq warehouse and scrap and waste for deposit in Kangerlussuaq. KISS has been corona free this week. The last members of EGRIP 2022 will leave 25<sup>th</sup> August and the office will be closed.

**Weather in Kangerlussuaq/SFJ:**

One day with fine weather; but most days with low overcast and rain. Temperatures between +6°C and +12°C. Mosquitos are gone.

**The EGRIP FOM office:**

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