

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

### **Expedition Permit C-22-5 EGRIP – SITUATION REPORT (SITREP) no.15, Sunday 31 July 2022**

This SITREP covers the period July 25 – July 31, 2022 (inclusive).

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

- 25.07.2022 Jeppe Kromann Laursen (DK), Chris Jacobs (UK) and Thomas Fløisdorf (DK) from Kangerlussuaq to Copenhagen by Air Greenland.
- 25.07.2022 Steffen Bo Hansen (DK) from Kangerlussuaq to Sisimiut by Air Greenland.
- 26.07.2022 David Binne (CAN), Gao Zhiyuan (CAN), Lukasz Warzecha (SE, PL/UK-press), Sonja Wahl (DE), Florian Painer (DE/AT), Josef Richard Kipfstuhl (DK/DE) and Niels Hvidberg (DK) from Kangerlussuaq to EGRIP by 109<sup>th</sup>.
- 26.07.2022 Antje Boetius (DE, AWI-DV), Philip Griess (DE, D-press), Lukas Lukincic (DE, D-press), Jakob F.Christensen (DK, DK-press), Hjalte D.Jørgensen (DK, DK-press), Rasmus Arildsen (DK, DK-press), Niels Fabrin Nymand (DK), Grant Boeckmann (DK/US) and Albert Arbogast (DE, Kässbohrer) from EGRIP to Kangerlussuaq by 109<sup>th</sup>.
- 26.07.2022 Steffen Bo Hansen (DK) from Sisimiut to Kangerlussuaq by Air Greenland.
- 27.07.2022 Heather Stark (CAN), Antje Boetius (DE, AWI-DV), Philip Griess (DE, D-press), Lukas Lukincic (DE, D-press) and Steffen Bo Hansen (DK) from Kangerlussuaq to Copenhagen by Air Greenland.
- 27.07.2022 Jakob F.Christensen (DK, DK-press), Hjalte D.Jørgensen (DK, DK-press) and Rasmus Arildsen (DK, DK-press) from Kangerlussuaq to Ilulissat by Air Greenland.
- 28.07.2022 Marie Kirk (DK), Niels Fabrin Nymand (DK), Grant Boeckmann (DK/US) and Albert Arbogast (DE, Kässbohrer) from Kangerlussuaq to Copenhagen by Air Greenland.

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

- 26.07.2022 5400 liter fuel, 840 kg metal floor grates and ventilation from Kangerlussuaq to EGRIP by 109<sup>th</sup>.
- 26.07.2022 3600 kg Toyota Landcruiser, 1500 kg EGRIP radar from EGRIP to Kangerlussuaq by 109<sup>th</sup>.
- 28.07.2022 (AWB 631-27981730) 3400 kg AWI ice and EGRIP ice from Kangerlussuaq to Copenhagen by Air Greenland.

#### **EGRIP camp activities:**

During the week, weather improved. It got colder and the cloud cover gradually lifted. The planned flight on Tuesday was delayed by two hours only, and for once, this was due to bad weather in Kangerlussuaq. On Monday, two positive cases of COVID were detected. The two individuals were quarantined, and all people in camp were tested and tested again the following day as the LC-130 flight came to EGRIP. By the end of the week, one person is still in quarantine and no more cases were detected. The flight on Tuesday was the last flight and the last crew exchange this period. All TUNU cargo has been sent from EGRIP except for a trailer for the arctic trucks. Distinguished visitors and TV crews left, except for one visiting journalist who stays until the next flight, scheduled on 15<sup>th</sup> August. After the flight, camp surface was cleaned. The system of transfer of drill fluid from the surface to the drill trench was re-established and this was the last remaining item to be re-built after three years of COVID absence. During the week, the satellite internet connection began to drop off in increasingly longer periods, and camp had to fall back on Iridium phones.

After several days of troubleshooting, the internet connection worked again Sunday at Noon. The beam of the satellite dish had to be raised as the sled under the dish had set in the snow during warm periods.

#### **Drilling:**

This week drilling has continued with production of about 15 m per day. On Friday, drill run #1000 was passed. In the weekend, production was reduced due to filter runs. Core breaks continue to be hard; but the new winch motor, motor control and cable are doing a good job.

Total production this week: from 2240.58m to 2330.82: 90.24 m

#### **Science:**

Processing ice cores from bag 3895 to bag 4039, in total 145 bag or 79.75 m ice core.

The DAS seismic project is progressing. This week they placed optical cables and seismic stations. Landing of the Skiers made an impressive signal detected by the optical cables. The explosives were tested and the equipment was moved to the shear margin sites, EXS1 and EXS2.

The Canadian project setup laboratory in a Viessmann cabin on the surface in camp. They have conducted a 2m pit study for microplastic in the snow.

#### **EGRIP Camp Population: 21**

#### **Weather at EGRIP:**

Weather at EGRIP this week has continuously improved. Overcast and clouds left camp on Tuesday as well as high temperatures. Mid-week, camp had lots of sunshine with morning and evening fog. Saturday and Sunday overcast. Day temperatures have dropped from -3°C to -11°C and night temperatures have dropped from -13°C to -26°C. Mild winds at 2-11 kt from first easterly later from westerly directions. No snow fall during the week.

#### **Kangerlussuaq activities:**

This week, EGRIP had the last crew exchange until mid-August. 19 people went through Kangerlussuaq. We finished the final loads to EGRIP and received both TUNU cargo and EGRIP cargo. After 28<sup>th</sup> July, only one FOM remains until mid-August flights. While the previously infected EGRIP personnel is now corona free, there is now one active COVID case in KISS at the moment from a different project than EGRIP. This person arrived after the EGRIP people left KISS.

#### **Weather in Kangerlussuaq/SFJ:**

Several days of low overcast and rain and a few sunny days. Temperatures between +8°C and +22°C. Mosquito count is going down.

#### **The EGRIP FOM office:**

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Kangerlussuaq FOM

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