

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

### **Expedition Permit C-22-5 EGRIP – SITuation REPort (SITREP) no. 05, Sunday 22 May 2022**

This SITREP covers the period May 16 – May 22, 2022 (inclusive).

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

- 16.05.2022 Hans Christian Steen-Larsen (N/DK) and Bruno Max Stocker (CH) from Copenhagen to Kangerlussuaq by Air Greenland.
- 17.05.2022 Kevin Amtoft Christensen (DK), Chiara Ileana Paleari (SE/F) and Chantal Zeppenfeld (CH/AT) from Copenhagen to Kangerlussuaq by Air Greenland.
- 19.05.2022 Bruce Hickey Vaughn (US), Valerie Anne Morris (US), Hayley Isabelle Bennett (US), Kevin Scott Rozmiarek (US), Michael Stephen Town (N/US), Joseph Robert McConnell (US, TUNU team), Nathan John Chellman (US, TUNU team), Sophia Michele Wensman (US, TUNU team), Brandon Thomas McDonald (CH/US, TUNU team), Elliot Richard Moravec (US, TUNU team), Tanner Kuhl (US, TUNU team), Drake Owen McCrimmon (US, TUNU team), Patrick Smith (US, TUNU team), Eidur Smári Valsson (IS/US, TUNU team) from New York to Kangerlussuaq by 109th.
- 20.05.2022 Charlotte Runge (DK) from Copenhagen to Kangerlussuaq by Air Greenland.
- 21.05.2022 Daniela Jansen (DE) and John Drysdale Paden (DE/US) from Copenhagen to Kangerlussuaq by Air Greenland.
- 21.05.2022 Kerim Hestness Nisancioglu (N) from Ilulissat to Kangerlussuaq by Air Greenland.
- 22.05.2022 Hans Christian Steen-Larsen (N/DK), Bruno Max Stocker (CH), Kevin Amtoft Christensen (DK), Chiara Ileana Paleari (SE/F), Chantal Zeppenfeld (CH/AT), Bruce Hickey Vaughn (US), Valerie Anne Morris (US), Hayley Isabelle Bennett (US), Kevin Scott Rozmiarek (US), Michael Stephen Town (N/US) and Charlotte Runge (DK) from SFJ to EGRIP by 109<sup>th</sup>.
- 22.05.2022 Basile de Fleurian (N/F) from EGRIP to SFJ by 109<sup>th</sup>.

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

- 16.05.2022 (AWB 631-2802 8173) CPH to SFJ, 368 kg scientific equipment (12 colli out of 23 in shipment)
- 17.05.2022 (AWB 631-27973632) CPH to SFJ, 1238 kg fresh food (6 colli)
- 17.05.2022 (AWB 631-27973772) CPH to SFJ, 228 kg frozen food (1 colli)
- 17.05.2022 (AWB 117-90827096) Bern to SFJ, 2 kg scientific tools (1 colli)
- 20.05.2022 (AWB 631-98651092) Ilulissat to SFJ, 118 kg field equipment and food (4 colli)
- 20.05.2022 From NY to SFJ by 109th, 3660 lbs. of personal field equipment and Uni. Alabama radar equipment.
- 22.05.2022 From SFJ to EGRIP by 109th, 13510 lbs. of PAX, luggage, scientific equipment, logistics equipment and food. No fuel delivered to camp.
- 22.05.2022 From EGRIP to SFJ by 109th, 300 lbs. of PAX and luggage.

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

The main theme at EGRIP this week was the move of the main dome: On Wednesday, after completing excavation around the dome, the main dome was towed up and out of the depression formed by the accumulation of snow since 2015. The 5 m deep depression was filled with snow and the dome was pulled back into place on Thursday. Once the main dome and generator could be placed in their new positions,

work began reconnecting the main dome heating system and the main snow melters for the camp's water supply. These systems use the spare heat from the generator and raises the comfort level significantly, which is important now that the camp population has increased. A series of weatherports were built and equipped in order to allow camp to receive the extra people. Cable outlets for powering all structures in camp were located in the snow, and some main cables have been moved into new and more shallow cable ducts. Skiway, apron and taxiways were groomed, and on Sunday we received the next team of field members.

**Drilling:**

No drilling is scheduled before late June.

**Science:**

Iben took water samples from Russel Glacier close to Kangerlussuaq.

**EGRIP Camp Population:** 19.

**Weather at EGRIP:**

Temperatures between  $-14^{\circ}\text{C}$  and  $-30^{\circ}\text{C}$ . Moderate winds mainly from south-westerly directions.

**Kangerlussuaq activities:**

Mission period with lots of activities in Kangerlussuaq. Flight to EGRIP on the 20<sup>th</sup> was delayed to allow for more time for dome move before increasing camp load. On the 21<sup>st</sup>, all flight operations were stalled due to shortage of certified fuel from the airport fuel vendor, affecting all aviation out of Kangerlussuaq. When the permit issue was solved, our flight got cancelled due to required airplane maintenance. On the 22<sup>nd</sup>, we finally got a flight to EGRIP. We did not need a 2<sup>nd</sup> flight to EGRIP in this period, so our reserved mission slot was transferred to our American colleagues for use for the McConnell/TUNU project.

Service on the two forklifts in our warehouse.

**Weather in Kangerlussuaq/SFJ:**

Temperatures around freezing most of the time, but much warmer mid-day on the sunny days, of which there have been a few. Mosquito situation: None. Ship delayed a week due to extensive sea ice.

**The EGRIP FOM office:**

EastGRIP field operations office

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Kangerlussuaq FOMs

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