

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

EGRIP (Expedition Permit C-24-05) – SITUATION REPORT (SITREP) no. 08, Sunday 16 June 2024

This SITREP covers the period 10 – 16 June 2024 (inclusive).

Movement of personnel:

- 10 June:** Cory Gordon (CA, KBA-DC3 crew), Cam Duench (CA, KBA-DC3 crew) and Raymond Tremblay (CA, KBA-DC3 crew) from Iqaluit to EGRIP through Kangerlussuaq by Kenn Borek Air Basler DC-3 (C-FBKB).
- 11 June:** Nanna B. Karlsson (DK-GEUS), Anne Munck Solgaard (DK-GEUS), Christopher Shields (DK/UK-GEUS), Christopher Derksen (CA-ECCC), Oli (IS, Norlandair TO crew), and Arni (IS, Norlandair TO crew) from Zackenberg to EGRIP by Twin Otter (TF-NLC).
- 11. June:** Elliott Richard Moravec (US, GreenDrill), Alexandra Michelle Balter-Kennedy (US, GreenDrill), Jeffery Gregory Del Viscio (US, GreenDrill), Barbara Olga Hild (PL, GreenDrill), and Tanner Kuhl (US, GreenDrill) from GreenDrill 'Winkie' field site to EGRIP by Kenn Borek Air Basler DC-3 (C-FBKB).
- 11. June:** Nanna B. Karlsson (DK-GEUS), Anne Munck Solgaard (DK-GEUS), Christopher Shields (DK/UK-GEUS), Christopher Derksen (CA-ECCC), Oli (IS, Norlandair TO crew), and Arni (IS, Norlandair TO crew) from EGRIP to Zackenberg by Twin Otter (TF-NLC).
- 12 June:** Knut A. Christianson (US), Andrew Hoffman (US), Lee Alan Taylor (US), from Schenectady to Kangerlussuaq by 109th New York Air National Guard.
- 12 June:** Forest Daniel Rubin Harmon (US, GreenDrill), Arnar Pall Gislason (IS, GreenDrill), Caleb Walcott (US, GreenDrill), and Matthew Lee Anfinson (US, GreenDrill) from GreenDrill 'Winkie' field site to EGRIP by Kenn Borek Air Basler DC-3 (C-FBKB).
- 13 June:** Arnar Pall Gislason (IS, GreenDrill), Barbara Olga Hild (PL, GreenDrill), Matthew Lee Anfinson (US, GreenDrill), Jeffery Gregory Del Viscio (US, GreenDrill), Forest Daniel Rubin Harmon (US, GreenDrill), Alexandra Balter-Kennedy (US, GreenDrill), Cory Gordon (CA, KBA-DC3 crew), Cam Duench (CA, KBA-DC3 crew) and Raymond Tremblay (CA, KBA-DC3 crew) from EGRIP to Kangerlussuaq by Kenn Borek Air Basler DC-3 (C-FBKB).
- 13 June:** Tanner Kuhl (US, GreenDrill) and Caleb Walcott (US, GreenDrill) from EGRIP to Kangerlussuaq by 109th New York Air National Guard.
- xx June:** Cory Gordon (CA, KBA-DC3 crew), Cam Duench (CA, KBA-DC3 crew) and Raymond Tremblay (CA, KBA-DC3 crew) from Kangerlussuaq to Iqaluit by Kenn Borek Air Basler DC-3 (C-FBKB).
- 16. June:** Nanna B. Karlsson (DK-GEUS), Anne Munck Solgaard (DK-GEUS), Christopher Shields (DK/UK-GEUS), Christopher Derksen (CA-ECCC), Oli (IS, Norlandair TO crew), and Arni (IS, Norlandair TO crew) from TUNU-N to EGRIP by Twin Otter (TF-NLC).

(GreenDrill PAX movements between EGRIP and the GreenDrill field site not listed here if same location by start of the day as by end of the day).

Movement of cargo:

- 10 June:** 6x CO₂ bottles from Kangerlussuaq to EGRIP by Kenn Borek Air Basler DC-3 (C-FBKB).
- 11 June:** (AWB 631-28343221) 145 kg with rock drill equipment from Kangerlussuaq to Copenhagen by Air Greenland.

- 12 June:** Three magic carpets (3275 lbs) from Schenectady to Kangerlussuaq by 109th New York Air National Guard.
- 13 June:** 4x 6kg and 1x 12kg empty CO₂ bottles from EGRIP to Kangerlussuaq by Kenn Borek Air Basler DC-3 (C-FBKB).
- 13 June:** 2 AF-pallets with empty AF-pallets, cargo straps and luggage box with cargo nets (2,480 lbs) from Kangerlussuaq to EGRIP by 109th US Air National Guard.
- 13 June:** 2 AF-pallet and 2x loose load skidoos of GreenDrill cargo (11,000 lbs) and EGRIP borehole casing (400 lbs) from EGRIP to Kangerlussuaq by 109th US Air National Guard.
- 15 June:** (BWS no: 9194559) 1024 kg of ship cargo (retro radar equipment from Müller Ice Cap project for University of Manitoba) from Ottawa to Kangerlussuaq through Aarhus by Blue Water Shipping.

(GreenDrill cargo movements between EGRIP and the GreenDrill field site not listed here).

Fuel to/from Camp:

- 11 June:** 760 liter of fuel delivered to GEUS Norland Air Twin Otter (TF-NLC).
- 13 June:** 7,930 liter of fuel delivered on Skier 41.
- 16 June:** 760 liter of fuel delivered to GEUS Norland Air Twin Otter (TF-NLC).

EGRIP camp activities:

Monday June 10, a Kenn Borek Basler DC-3 arrived from SFJ to EGRIP for the GreenDrill 'Winkie' camp pull-out. Two EGRIP-Winkie shuttle flights were done on June 11 and two more on June 12 before Basler returned to SFJ on June 13. From June 12 to June 13, the Greendrill team and three Basler crew stayed overnight at EGRIP and camp population was 23. On June 13, we received Skier 41 from SFJ that delivered fuel to camp and took GreenDrill and EGRIP retro. On June 11, the GEUS Twin-Otter came by for day visit from Zackenberg to maintain the GC-net AWS south of camp. On June 16, we were again visited by the GEUS T-O for further AWS maintenance and as a stopover between other AWS sites. Two T-O crew and four GEUS scientists stayed overnight June 16 to June 17, camp population 17. On June 16, we have two GreenDrill and two EGRIP pallets ready to be picked up by Skier next week. After the June 15 storm the skiway was groomed and camp was cleaned up on June 16. In the trenches, the workshop has been emptied and the main power cables have been pulled out.

Drilling:

In the white tent the new intermediate drill system continues to be established. This week, the inclined trench has been dug out, 1 kilometer cable has been mounted on the winch and a cable stress test has been performed. Furthermore, the drill is being assembled and a logging table has been installed.

Science:

No activities.

EGRIP Camp Population: 11 (+ 6 GEUS visitors June 16 to June 17).

Weather at EGRIP: Staying weather Monday-Friday with temperatures from -20 C to -4 C and low winds. Saturday June 15 a storm passed with wind up to 30 kt (gusts of 36 kt) from W and snow drift resulting in dune formation in camp and on the skiway. From Saturday evening onward conditions were back to normal.

EGRIP team contact info:

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+8816 2146 4008 EGRIP Iridium phone number 2.
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Kangerlussuaq activities:

Handling incoming and outgoing cargo. Quickly freeing AF-pallet from incoming cargo and building AF-pallet with radar equipment received by ship on the 15th of June. Moving cargo around warehouse. Washing field equipment. Negotiate flights on June 13 and 15 (postponed to June 17).

Weather in Kangerlussuaq/SFJ:

Cool and cloudy with some rain at the beginning of the week. Quickly warming up from mid-week with sunny days. Still ice on Lake Ferguson.

Mosquito situation: Low but increasing fast.

The EGRIP FOM office is open:

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Prepared by the Kangerlussuaq field ops. manager Thomas Blunier and field leader Anders Svensson