

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

EGRIP (Expedition Permit C-24-05) – SITUATION REPORT (SITREP) no. 05, Sunday 26 May 2024

This SITREP covers the period 20 May – 26 May 2024 (inclusive).

Movement of personnel:

- 20. May:** Mads Kofoed Schwennesen (DV-DK), Claus Bang Jensen (DV-DK), Alexander Schmid (DE), Jørgen Peder Steffensen (DK) and Aslak Grinsted (DK) from EGRIP to Kangerlussuaq by 109th New York Air National Guard.
- 20. May:** Bradley Blois (CA, KBA-TO crew), Luke Loewen (CA, KBA-TO crew) and Logan Yakymyk (CA, KBA-TO crew) from Upernavik to EGRIP by Kenn Borek Air Twin Otter (C-GKBG).
- 21. May:** Mads Kofoed Schwennesen (DV-DK), Claus Bang Jensen (DV-DK), Alexander Schmid (DE), Jørgen Peder Steffensen (DK), Aslak Grinsted (DK) and Iben Koldtoft (DK) from Kangerlussuaq to Copenhagen by Air Greenland.
- 21. May:** Arnar Gislason (IS, GreenDrill), Barbara Hild (PL, GreenDrill), Matt Anfinson (US, GreenDrill), Zoe Courville (US, GreenDrill) from EGRIP to the GreenDrill field site “Winkie” by Ken Borek Air Twin Otter.
- 22. May:** Forest Daniel Rubin Harmon (US, GreenDrill), Elliott Richard Moravec (US, GreenDrill), Alexandra Michelle Balter-Kennedy (US, GreenDrill), Caleb Walcott (US, GreenDrill) from EGRIP to the GreenDrill field site “Winkie” by Ken Borek Air Twin Otter.
- 24. May:** Jeffery Gregory Del Viscio (US, GreenDrill) and Tanner Kuhl (US, GreenDrill) from EGRIP to Winkie by Ken Borek Air Twin Otter.
- 24. May:** Zoe Courville (US, GreenDrill) from Winkie to EGRIP by Ken Borek Air Twin Otter.
- 25. May:** Bradley Blois (CA, KBA-TO crew), Luke Loewen (CA, KBA-TO crew), Logan Yakymyk (CA, KBA-TO crew), and Zoe Courville (US, GreenDrill) from EGRIP to Upernavik by Kenn Borek Air Twin Otter (C-GKBG).

GreenDrill PAX movements between EGRIP and the GreenDrill field site not listed here for crew and cargo helpers who flew out and back on the same day.

Movement of cargo:

- 20. May:** PistenBully + 5 PAX (14,370 lbs) from EGRIP to Kangerlussuaq by 109th US Air National Guard.
- 21. May:** 2 AF-pallets of drill equipment, generators, isopar and mogas (12,885 lbs) from Kangerlussuaq to EGRIP by 109th US Air National Guard (GreenDrill project, handled by Battelle Aro). The flight carried an additional 130 lbs of food supplies for EGRIP camp as loose load.
- 21. May:** 3 AF-pallet with 8,900 lbs of empty drums, various camp equipment, scientific equipment, and a weatherport from EGRIP to Kangerlussuaq by 109th US Air National Guard.

GreenDrill cargo movements between EGRIP and Winkie not listed here.

EGRIP camp activities:

On Monday morning, the Hercules returned to Kangerlussuaq after its overnight stay, carrying back the broken Pistenbully. Thank you to the crew of Skier 71 for being such good company here at EGRIP, and for their dedicated effort getting our broken Pistenbully lifted out of camp. The Kenn Borek Air Twin Otter C-GKBG arrived in camp Monday and made its first shuttle of GreenDrill cargo to the Winkie site near a nunatak some 200 km NE of EGRIP. On Tuesday, we received another LC-130 with the remaining GreenDrill

cargo. During the week, the GreenDrill cargo and team members were gradually moved to the Winkie site (Shuttle flights: 1 Monday, 3 Tuesday, 2 Wednesday, 3 Thursday, 2 Friday), and on Saturday, the Twin Otter left camp after a successful deployment of the GreenDrill team.

The flagline has been re-established. The camp has been groomed to provide a more level surface.

Drilling: Drilling has been difficult, probably due to a conducting liquid mix near/at the bottom of the bore hole. Two cores were retrieved, consisting of refrozen basal water, mud and left-over glycol from last year. Logging continued. We started preparing the white garage tent for our intermediate depth drill system.

Science: Preparation for the CryoEgg and CryoPølse experiments are ongoing. On Sunday, the CryoEgg was deployed into the deep bore hole. 4 ApRES stations have been recovered so far.

EGRIP Camp Population: 12.

Weather at EGRIP:

Mostly sunny conditions with blue skies and unrestricted visibility. Temperatures from -34°C to -20°C most of the week. Winds from 2 to 10 knots from westerly directions. Sunday temperatures increased to -7°C as winds picked up to some 18 knots from the South.

EGRIP team contact info:

+8816 4140 0590	EGRIP Iridium phone number 1.
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+8816 7770 0104	EGRIP Field Leader Open Port phone.
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Kangerlussuaq activities:

The main activities on Monday and Tuesday were related to the logistics and coordination of the two flights to EastGRIP and receiving the broken Pistenbully. After the returning field participants left town Tuesday accompanied by FOM Iben Koldtoft, the remaining week was spent unpacking cargo and preparing for the shipping of the Pistenbully for repair.

Weather in Kangerlussuaq/SFJ:

Relatively cold for the season, most days around the freezing point, somewhat warmer in the later afternoon. Temperatures between -5°C to 10°C . Mosquito situation: None.

The EGRIP FOM office is open:

EastGRIP field operations office
Kangerlussuaq, Greenland
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Prepared by the Kangerlussuaq field ops. manager Sune Olander Rasmussen and field leader Bo Vinther