

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

EGRIP (Expedition Permit C-24-05) – SITuation REPort (SITREP) no.04, Sunday 19 May 2024

This SITREP covers the period 13 May – 19 May 2024 (inclusive).

Movement of personnel:

- 14. May:** Sune Olander Rasmussen (DK) from Copenhagen to Kangerlussuaq by Air Greenland.
- 17. May:** Grant Vernon Boeckmann (US/DK), David Gareth Babb (CA), Susanne Lilja Buchardt (DK) and Michael Robert Prior-Jones (UK) from Copenhagen to Kangerlussuaq by Air Greenland.
- 18. May:** Caleb Walcott (US, GreenDrill), Arnar Gislason (IS, GreenDrill), Barbara Hild (PL, GreenDrill), Tanner Kuhl (US, GreenDrill), Zoe Courville (US, GreenDrill), Matt Anfinson (US, GreenDrill) from Kangerlussuaq to EGRIP by 109th New York Air National Guard.
- 19. May:** Grant Vernon Boeckmann (US/DK), David Gareth Babb (CA), Susanne Lilja Buchardt (DK), Michael Robert Prior-Jones (UK), Forest Daniel Rubin Harmon (US, GreenDrill), Elliott Richard Moravec (US, GreenDrill), Alexandra Michelle Balter-Kennedy (US, GreenDrill) and Jeffery Gregory Del Viscio (US, GreenDrill) from Kangerlussuaq to EGRIP by 109th New York Air National Guard.

Movement of cargo:

- 14. May:** (AWB: 631-28354222) CPH to SFJ, 250 kg, mixed food for EGRIP 2nd put-in (1 colli).
- 14. May:** (AWB: 631-28358330) Billund to SFJ, 216 kg, batteries for CryoEgg (1 colli).
- 18. May:** 2 AF-pallets of camp put-in and field gear + 8 loose load + 2 snow machines + 6 PAX (8865 lbs) from Kangerlussuaq to EGRIP by 109th US Air National Guard (GreenDrill project, handled by Battelle Aro).
- 18. May:** 2 AF-pallets with weatherport, science boxes, satellite dish and glass/metal/oil waste (6300 lbs) from EGRIP to Kangerlussuaq by 109th US Air National Guard
- 19. May:** 1 AF-pallet of science equipment, camp food, drill equipment, personal field bags, 2 snow machines, loose load, and 4 PAX (9186 lbs) + GreenDrill cargo and 4 PAX (1665 lbs) from Kangerlussuaq to EGRIP by 109th US Air National Guard.

EGRIP camp activities:

Camp continued the efficient opening of the camp by starting the main generator, starting the main drinking water and snow melter systems and starting the dome central heating system. Installed motion detection radar on dome and camp siren system as well as made a wireless connection for the ceilometer. In the beginning of the week, excavation work in the drill trench started including trimming of the inclined trench. Measured liquid level in main borehole with pinger and logged borehole with new and old borehole loggers.

The Pistenbully from 2022 broke down mid-week and has to be shipped back for repairs. Camp readied broken Pistenbully for airlift out of camp.

Retro cargo pallets (packed last year) were positioned near apron.

During the week, finishing changing of broken skiway flags and grooming the apron and skiway continued to be ready to receiving skiers by the end of the week. All five weatherports were put up in two days so camp also was ready to have a bigger camp population.

Saturday camp received Skier 61, bringing 6 NSF Greendrill PAX, as well as their cargo, while 2 pallets of camp retro cargo was sent to Kangerlussuaq. On Sunday, camp received Skier 71 with 4 camp PAX and 4 NSF Greendrill PAX as well as cargo. The broken Pistenbully was loaded on Skier 71, but departure had to

be rescheduled to Monday after several failed attempts at take-off. Expanded camp quartering to accommodate 35 for the night, including the crew of 8 from Skier 71 and the 5 camp PAX going out with Skier 71.

Drilling: No deep drilling. The liquid level in borehole has been observed with pinger and logging of the borehole with both new and old Danish loggers.

Science: Logging of bore hole with both old and new logger.

EGRIP Camp Population: 35.

Weather at EGRIP:

The week started cloudy and windy, but gradually cleared up during Monday. Rest of the week clear skies and unrestricted visibility. Temperatures from -40°C to -14°C. Wind 3-20 kt from S to W. During the weekend, we had ground fog and mid-level clouds, but also sunny spells and temp. from -28°C to -19°C. Wind: 4-12 kt mostly from WNW and NW. Visibility: Often limited to a few miles due to fog and mist.

EGRIP team contact info:

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Kangerlussuaq activities:

Receiving personnel, food and cargo for flight into EGRIP camp. Assembling two new skidoos which were shipped to camp. Preparing pallet + organizing everything for the flight on Sunday. Receiving retro cargo on GreenDrill flight on Saturday. Arranged return of PistenBully body to Kangerlussuaq planned for the Sunday flight.

Weather in Kangerlussuaq/SFJ:

The week started out with cold and snowy weather but changed by Friday to more sunny days with temperatures during the day above freezing temperatures. Temperatures between -7°C to 4°C. Mosquito situation: None.

The EGRIP FOM office is open:

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Prepared by the Kangerlussuaq field operations managers (FOMs), Sune Olander Rasmussen and Iben Koldtoft, and field leader Bo Vinther