

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

EGRIP (Expedition Permit C-24-05) – SITUATION REPORT (SITREP) no.03, Sunday 12 May 2024

This SITREP covers the period 05 May – 12 May 2024 (inclusive).

Movement of personnel:

- 07. May:** Bo Møllesøe Vinther (DK), Sepp Kipfstuhl (DE/DK), Astrid Duus Mikkelsen (DK), Steffen Bo Hansen (DV-DK), Mads Kofoed Schwennesen (DV-DK), Claus Bang Jensen (DK) from Copenhagen to Kangerlussuaq by Air Greenland.
- 09. May:** Sverrir Hilmarsson (IS), Alexander Schmid (DE), Jørgen Peder Steffensen (DK), Aslak Grinsted (DK), Martin Leonhardt (DE), Julien Westhoff (DE/DK), Dorthe Dahl-Jensen (DK) from Copenhagen to Kangerlussuaq by Air Greenland.
- 10. May:** Iben Koldtoft (DK), Tamara Gerber (CH/DK), and Daniel Steinhage (DE) from Summit Station to Kangerlussuaq by 109th New York Air National Guard.
- 11. May:** Bo Møllesøe Vinther (DK), Sepp Kipfstuhl (DE/DK), Astrid Duus Mikkelsen (DK), Steffen Bo Hansen (DK), Mads Kofoed Schwennesen (DV-DK), Claus Bang Jensen (DV-DK), Sverrir Hilmarsson (IS), Alexander Schmid (DE), Jørgen Peder Steffensen (DK), Aslak Grinsted (DK), Martin Leonhardt (DE), Julien Westhoff (DE/DK), Dorthe Dahl-Jensen (DK) from Kangerlussuaq to EGRIP Camp by 109th New York Air National Guard.
- 11. May:** Marie Kirk (DK), Tamara Gerber (CH/DK), and Daniel Steinhage (DE) from Kangerlussuaq to Copenhagen by Air Greenland.

Movement of cargo:

- 07. May:** (AWB: 631-28353253) CPH to SFJ, 97 kg, mixed food for EGRIP put-in (11 colli).
- 09. May:** Small cardboard box with IT equipment from Summit Station to Kangerlussuaq by 109th US Air National Guard.
- 10. May:** (AWB: 631-28353732) CPH to SFJ, 1406 kg, logistics/drilling/science equipment (26 colli from UCPH).
- 10. May:** GRIP retro cargo (265 lbs – 16 colli) from Summit Station to Kangerlussuaq by 109th US Air National Guard.
- 11. May:** 2 AF-pallets + loose load of PB spares, logging/science equipment, camp food, drill equipment, personal field bags (5546 lbs) from EGRIP to Kangerlussuaq by 109th US Air National Guard.

Summit/GRIP camp activities:

The GRIP team made three trips from Summit camp to the old GRIP site. Monday, they Continued digging, probing, and shoveling over the drill dome by extending the snow pit. In the meantime, more radar survey was done for finding the main dome and the GPS reference pole from 1996. Tuesday continued with more digging, probing, and shoveling over the drill dome and radar measurements inside the snow pit.

Wednesday, the team got extra help, by Adam from Summit Station joining to the GRIP site. More digging, probing, and shoveling over the drill dome were made and a snow pit inside the snow pit. Still without success of finding the borehole casing. Radar survey for the beacon antenna + drill/science trench were also performed, and GPS measurements.

Thursday, the team stayed at Summit Station and processed all newly collected GPR and GPS data. By rotating the 1992 map by 2.3 degrees towards West, the reflections of the radar match overall with the old

map. Friday, the team flew back to Kangerlussuaq as a storm was approaching and made it difficult to continue. The team hope to have another team come in later this summer to dig the casing top free and lower a camera down the casing to check it is intact.

GRIP team contact info:

+8816 414 00590 GRIP Iridium phone number 1.
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Weather at Summit station/ GRIP site:

Beginning of the week windy, foggy/cloudy and with little contrast in the morning and better during the day. More sunny days from middle of the week. Wind 9-21 kt from E to WSW. Temperatures between -43°C and -20°C.

EGRIP camp activities:

An efficient EastGRIP camp opening on Saturday May 11. On the first day, the put-in team managed to open main dome and established communication. Cleared entrance to garages and got a Pistenbully, snow blower and snowmobiles running. 35kW generator was running and supplying camp with power. Sunday, the team got the two other Pistenbully + Caterpillar started. Raised all skiway markings, changed broken flags, and started grooming of the skiway. The main generator was pulled next to the dome. Opening of the entrances to drill trench and cooks freezer were done too.

Drilling: No drilling yet.

Science: No science yet.

EGRIP Camp Population: 13.

Weather at EGRIP:

Sunny conditions with clear blue skies and unrestricted visibility. Temperatures from -27°C to -17°C. Wind 11-18 kt from SW.

EGRIP team contact info:

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+8816 2146 4008 EGRIP Iridium phone number 2.
+8816 7770 0104 EGRIP Field Leader Open Port phone.
+45 7734 7445 EGRIP Field Leader IP phone in dome.

Kangerlussuaq activities:

Receiving personnel + food for the EGRIP put in. Preparing pallets + organizing everything for the flight that were, postponed to Saturday 11, due to weather. Receiving the GRIP team that returned from Summit on Friday 10. Put-in at EGRIP Saturday 11, where the FOM office also were handed over to Iben.

Weather in Kangerlussuaq/SFJ:

The week started out a lot nicer than the previous week with warmer temperatures and sunny spells. Then on Wednesday, it started to snow again, but as there was no wind, it still felt a lot warmer than the previous week. Friday the sun warmed up and it was a beautiful day. Good weather in the weekend.

Temperatures between -19°C to 9°C. Mosquito situation: None.

The EGRIP FOM office is now open:

EastGRIP field operations office

Kangerlussuaq, Greenland

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Kangerlussuaq FOMs

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