

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

Expedition Permit C-23-7 EGRIP – SITUATION REPORT (SITREP) no. 04, Sunday 14 May 2023

This SITREP covers the period May 8 – 14, 2023 (inclusive).

Movement of personnel:

- 9 May:** Sune Olander Rasmussen (DK) and Josephine Kande (DK) from Copenhagen to Kangerlussuaq by Air Greenland.
- 11 May:** Sridhar Anandakrishnan (US), Amanda Willet (US), Sveinn Sveinsson (US), and Brandon Langan (US) from Schenectady to Kangerlussuaq by 109th US Air National Guard (Greendrill project, handled by Battelle Aro)
- 11 May:** Marie Kirk (DK) from Kangerlussuaq to Copenhagen by Air Greenland.
- 13 May:** Josephine Lindsey-Clark (DK), Ashish Paiguinkar (IN), Bhikaji Laximan Redkar (IN), Palle Koch (DK), Michael Prior-Jones (UK), Elizabeth Bagshaw (UK), and Anders Svensson (DK) from Copenhagen to Kangerlussuaq by Air Greenland.

Movement of cargo:

- 8 May** 606 kg of cargo (combined shipment CPH, AWI, and UBern) from Copenhagen to Kangerlussuaq by Blue Water / Air Greenland (AWB 631-28171021).
- 11 May** 2 pallets of cargo for the Greendrill from Schenectady to Kangerlussuaq by 109th US Air National Guard (Greendrill project, handled by Battelle Aro)
- 11 May** 391 kg of cargo from Copenhagen to Kangerlussuaq by Air Greenland (GEUS, AWB 631-28179141)

EGRIP camp activities:

In camp the main focus has been on readying skiway, tanks, fuels system and cargo for next week's flight, so skiway and apron has been groomed, skiway flags raised and retro cargo identified, readied, documented and palletized on two airforce pallets. Another priority has been to get the new Pistenbully up and running, but unfortunately several leaks in hydraulic systems hampered this effort. Spare parts will be needed to make this vehicle operational. In the cupola, work has been going into organizing electrical and IT-cables, as well as getting the stationary radios operational before next week's flights. Medical supplies have also been organized, and on Sunday, the main generator was serviced as per service schedule.

Drilling:

After testing the bore hole camera Monday, the drilling started Tuesday. In total 7 cores, all between 3.1 m and 3.5 m have been drilled this week. Software to determine drill orientation has been continuously improved and on Thursday, the spring for directional drilling was mounted. Sunday a filter run was made in the upper part of the bore hole, producing very little chips. Most drill runs do contain a "chips core" on top of the core itself.

Science:

Logging and processing is ongoing, and bags 4397 to 4423 were both logged and processed this week. DEP is carried out on 1.65 m sections before they are cut and packed. Winds between SW and NW, up to 19 kt. Three pieces of AWI seismic instrumentation were recovered 12-14 km east of camp.

EGRIP Camp Population: 12.

Weather at EGRIP:

In general the weather at EGRIP has been sunny with some clouds only late Thursday to early Friday. Temperatures between -37°C and -14°C, with the warmest temperatures coinciding with the cloud cover. Winds up to 19 kt Thursday, but generally between 10 kt and 15 kt between SW and NW. Sunday completely calm.

Kangerlussuaq activities:

A field-office crew change took place May 9-11th. Since then, activities have been focusing on receiving people and cargo for the upcoming flight on May 16th and preparing the operations in collaboration with the 109th Airlift Wing of the New York Air National Guard.

Weather in Kangerlussuaq/SFJ:

Weather has been relatively cold for this time of year with a few degrees of freezing at night and a few degrees above freezing during day time. Mostly cloudy with small amounts of snowfall which quickly disappeared.

Mosquito situation: None.

EGRIP camp communication:

Field Leader Bo Vinther

E-mail	fl@egrip.camp
IP phone	+45 7734 7445
Handheld Iridium phone	+8816 414 00590
OpenPort phone	+8816 7777 2586
EGRIP web cam	http://alice.egrip.camp/

EGRIP field operations office:

Field Operations Managers (FOMs) Sune Olander Rasmussen and Josephine Kande

E-mail:	fom@egrip.camp
Physical address:	KISS, room 208 Kangerlussuaq, Greenland
Postal address:	EastGRIP, Box 12, DK-3910 Kangerlussuaq, Greenland
IP phone	+45 7734 7444
Phone:	+299 84 11 51
Mobile:	+299 52 41 25
Iridium Phone:	+8816 21444581 (mostly turned off)