

**Little Dome C**

**Beyond EPICA Oldest Ice Drilling Site (75.29917 °S, 122.44516 °E) – Season 2022/23**

**Situation Report #20, 22 December 2022**

**Personnel @LDC:**

Romain Duphil (IGE), Romilly Harris-Stuart (LSCE), Gunther Lawer (AWI), Matthias Hüther (AWI), Julien Westhof (UCPH), Martin Leonhardt (AWI), Frank Wilhelms (AWI), Giuditta Celli (UNIVE, ISP), Johannes Lemburg, (AWI), Rob Mulvaney (BAS), Saverio Panichi (ENEA), Michele Scalet (ENEA), Andrea Devito (ENEA)

**Personnel @DC:**

Markus Grimmer (UNIBE), Florian Krauß (UNIBE)

**Weather at LDC 5 pm:** sunny

**Meteo at DC 5 pm:** T = - °C, Wind = - knt, Wind Chill T = - °C



Another SITREP today, and we are very happy to see the fantastic progress. Also in Concordia Florian and Marcus have almost finished the cutting of the core drilled last year. They are looking forward for fresh ice now.

What we did today:

- undertook 12 runs: 1st 1.88 m; 2nd 2.34 m; 3rd 2.53 m; 4th 2.1 m; 5th 2.06 m; 6th 2.08 m; 7th 2.14 m; 8th 2.23 m; 9th 2.3 m; 10th 2.41 m; 11th 2.43 m; 12th 2.28 m
- planned manufacturing for lid to protect the electrical cables of the down-hole electronics
- processing cores at DC: finished core of the pilot hole.

Drillers depth: 260.63 m

DeltaD: 27.20 m

Logger depth: 265.87 m

DeltaD: 26.96 m

Processors depth: 128 m

DeltaD: 16 m





The drilling tent seen from skiway.. The picture is from the 2021/22 archive.

FW & RM, 22.12.2022

