

## Little Dome C

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

### Situation Report #09, 11 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



Today as the great day. First few runs have been made in the LDC Camp. They were very successful, although some fine tuning had to be carried out. Ancillary programs are also continuing and in Concordia Markus and Florian have set the cold lab and they are ready to analyse and cut the first 130 m drilled last year.

What we did today:

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- prepared drill head
- adjusted superbanger
- arranged small items in the drill tent
- undertook one run with the 2 m drill: core barrel full: 30 cm of chips, 175 cm of core, new core approx. 66 cm.
- logged the core
- recovered the solar radiation monitors from the snow
- first photographic run along the photogrammetry array





Saverio, proudly looking at the first ice core drilled this year.

FW & RM, 11.12.2022

