

## Little Dome C

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

### Situation Report #03, 05 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 = -35°C, Wind = - knt, Wind Chill T = - °C



Work in progress. We have been informed that large part of the cargo arrived in MZS and that it will be transferred in the plateau in the coming days. Nothing urgent, but everything is needed to make things easier. Saverio is pampering us with his delicacies and the support of Andrea and Michele is impeccable.

Team in Concordia is also progressing well making the final adjustment to the tables which should host the Swiss Saw and the DEP for the electrical measurements of the core.

What we did today:

- winch is operational
- tower is operational
- electrical installations completed: ventilation, cabins, weatherports
- started installation of chip collection system
- continue setting up core logging table
- building the core buffer





Alignment of the core extraction table and electrical wiring of the FED (fluid extraction device)

Photo: G. Celli (Leica Q2, 18 mm, f5.0, 1/200, ISO 100)

FW & RM, 05.12.2022

