

## Little Dome C

Beyond EPICA Oldest Ice Drilling Site (75.29917 °S, 122.44516 °E)

### Situation Report 47, 02. January 2025

#### Personnel @LDC:

Lisa Ardoin (ULB), Marie Bouchet (CNRS), Ailsa Chung (CNRS), Danilo Collino (ENEA, Camp Leader), Inès Gay (IPEV), Matthias Hüther (AWI, Chief Driller), Manuela Krebs (AWI), Gunther Lawer (AWI), Johannes Lemburg (AWI), Martin Leonhardt (AWI), Michele Scalet (ENEA), Federico Scoto (CNR), Barbara Seth (UNIBE), Lison Soussaintjean (UNIBE), Julien Westhoff (UCPH, Chief Scientist), Frank Wilhelms (AWI, PI in the field)

Weather at LDC 5 pm: sunny

Weather at DC 5 pm: temperature: -26.5°C, wind 4 knts



We did 1 drill run and 3 filter runs until 19:30 today. The first two filter runs brought up full chip chambers of slush. Today, processing continued with 20 m. The PICARRO team continued processing samples at the maximum pace.

In the afternoon the Australian MYIC science team visited. We had a tour around the camp and coffee and cake from Bärbel and Manuela.



Visit of the Australian MYIC science team. Left side: Julian Westhoff, Barbara Seth, Daniel Bagginstos, Manuela Krebs, Liv Grover-Johnson, Martin Leonhardt, Derryn Harvie, Chris Wilkinson. Right side: Joel Pedro, Frank Wilhelms, Chelsea Long, Chris Plummer, Etienne Gros, Mark Cook. Credit: J. Westhoff ©PNRA/IPEV



**End of day statistics at 19:30**

- Driller's depth: 2747.38 m;
- we did 1 run till 19h30. The length of the core was: 4.23 (driller length, last run #874), for a total of 4.23 m;
- Logger's depth: 2743.68 m;
- Current processing depth: 2739 m; daily total: 20 m; season total: 1150 m.

FW, JW, MH, 02.01.2025

