

Little Dome C

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

Situation Report 22, 08. December 2024

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: -27°C, wind 4 knts



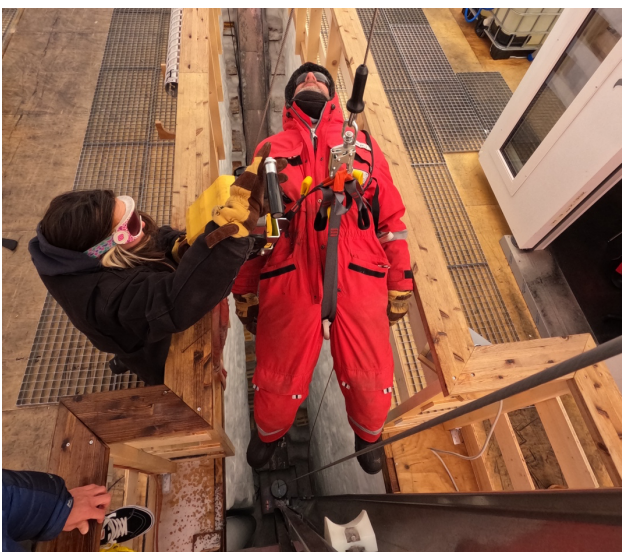
Boring. We did 2 runs after lunch and the SITREP deadline at 19:30 today. The drill electronics had some communication loss, which we could handle by restarting. Processing continued with 24 m in the afternoon. The PICARRO team processed samples by manual injection. After dinner, we loaded the “Sfusi” sled with 46 boxes.



Loading 46 ice-core boxes onto the Sfusi sled. Who finds the moon? Credit: F. Wilhelms ©PNRA/IPEV



Palletizing the boxes. Credit: F. Wilhelms ©PNRA/IPEV



Inès and Lemmi testing the inclined-trench rescue-system. Credit: J. Westhoff ©PNRA/IPEV



Lemmi presenting his cake to clear his debt of honour. Credit: J. Westhoff ©PNRA/IPEV



More background information on the cake:

While still in New Zealand, we bet on when the whole team (+/- 10%) would arrive at LDC. The bet was that the winner would bake a cake, and everyone would have to eat it. Lemmi, our mechanical engineer, won the bet. The placed bets were: Matthias 28.11, Julien 30.11, Frank 21.11, Lemmi 17.11, Manuela 22.11, Gunther 25.11, Martin 27.11, Bärbel 22.11, Lison 22.11, Ailsa 25.11, Lisa 22.11, Inès 28.11, Marie 25.11.

End of day statistics at 19:30:

- Driller's depth: 2246.36 m;
- we did 2 runs between 13h00 and 19h30. The length of these cores was: 4.515, 4.41 (driller length, last run #760), for a total of 8.925 m;
- Logger's depth: 2244.76 m
- Current processing depth: 2204 m; daily total: 24 m; season total: 507 m.

FW, JW, MH, 08.12.2024

