

Little Dome C

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

Situation Report 25, 11. December 2024

Personnel @LDC:

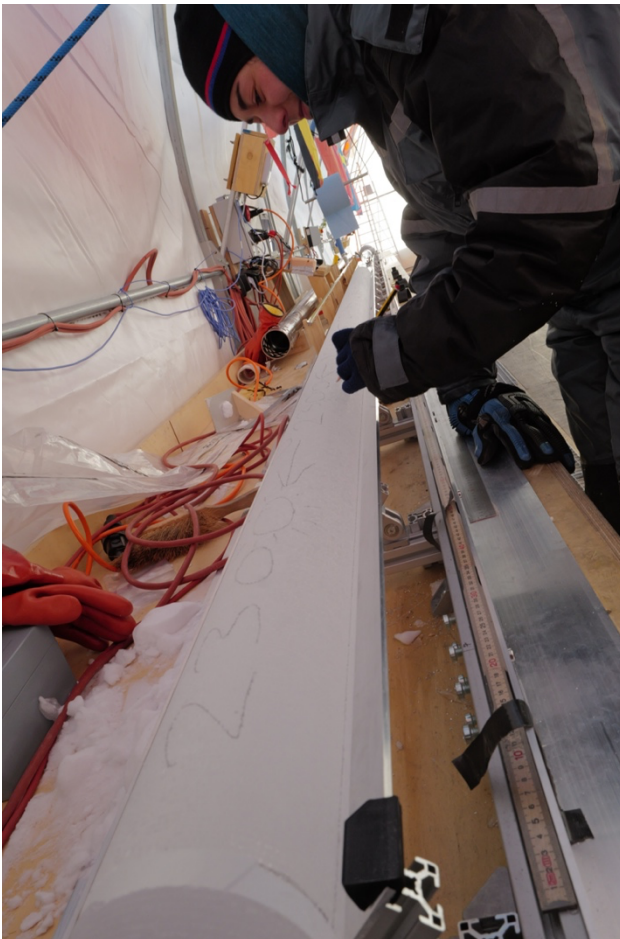
Lisa Ardoin (ULB), Marie Bouchet (CNRS), Ailsa Chung (CNRS), Danilo Collino (ENEA, Camp Leader), Inès Gay (IPEV), Matthias Hüther (AWI, Chief Driller), Manuela Krebs (AWI), Gunther Lawer (AWI), Johannes Lemburg (AWI), Martin Leonhardt (AWI), Michele Scalet (ENEA), Federico Scoto (CNR), Barbara Seth (UNIBE),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

Weather at LDC 5 pm: partly cloudy

Weather at DC 5 pm: temperature: -29°C, wind 4 knts



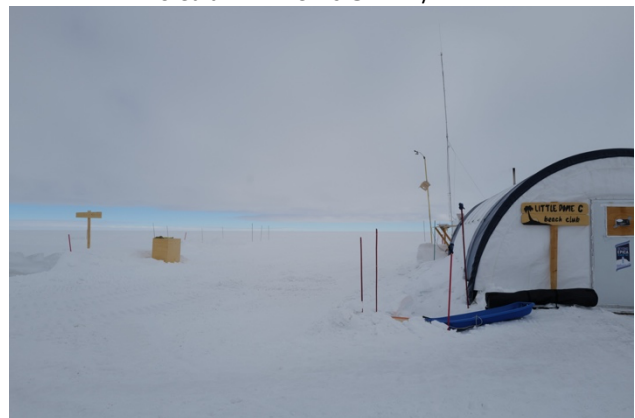
Boring. We did 7 long runs between 19:30 yesterday and 19:30 today and we passed bag 2300. Today, processing continued with 23 m and 18 m DEP scanned ice-cores from last year's brittle zone. The PICARRO team continued processing samples with the auto sampler.



Bag 2300 on the logging table.
Credit: F. Wilhelms ©PNRA/IPEV



During the day the cloud cover started clearing up.
Credit: F. Wilhelms ©PNRA/IPEV



Australia already in the sunshine..
Credit: F. Wilhelms ©PNRA/IPEV





For dinner, Danilo, Michele and Inès treated us with Hamburgers with self-made rolls.
Credit: F. Wilhelms ©PNRA/IPEV



We all were hungry like Matthias and enjoyed the dinner.
Credit: G. Lawer ©PNRA/IPEV

End of day statistics at 19:30:

- Driller's depth: 2332.03 m;
- we did 7 runs between 19h30 and 19h30. The length of these cores was: 4.47, 4.35, 4.53, 4.52, 4.35, 4.51, 4.51 (driller length, last run #780), for a total of 31.24 m;
- Logger's depth: 2329.71 m
- Current processing depth: 2275 m; daily total: 23 m; daily brittle zone total: 18 m (bag 879–896); season total: 632 m.

FW, JW, MH, 11.12.2024

Fun stuff:



We celebrated core 2300 in the warm driller's cabin. Unfortunately, we took too long to take a picture, so the core melted. Credit: J. Westhoff ©PNRA/IPEV

