

Little Dome C

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

Situation Report 56, 11. January 2025

Personnel @LDC:

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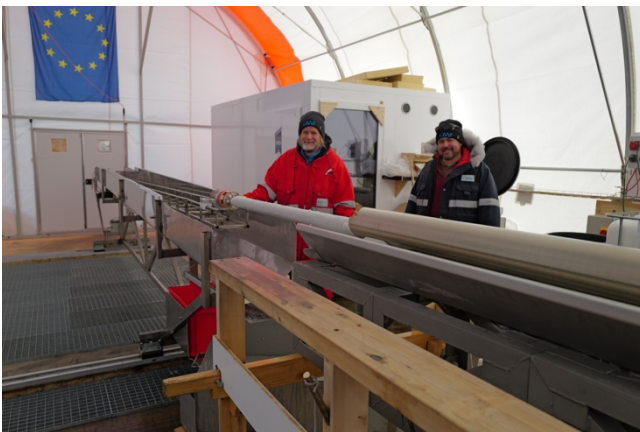
Weather at LDC 5 pm: snow

Weather at DC 5 pm: temperature: -29°C, wind 8 knts



We did 2 runs and 1 filter between 19:30 yesterday and 17:30 today. The first run we did only with core catchers, but did not catch any core. The second run we did with hart metal plate cutters and core catchers. We could not penetrate due to anti-torque rotations and pulled up. Both runs brought a lot of chips to the surface. The filter run yielded a moderate amount of chips.

No core was processed in the science trench. The PICARRO team continued processing samples at the maximum pace.



The last filter run brought a moderately filled chip chamber to the surface. Credit: F. Wilhelms ©PNRA/IPEV

End of day statistics at 17:30

- Driller's depth: 2804.69 m;
- we did 2 runs and 1 filter run between 19:30 yesterday and 17h30 today. The length of these cores was: no core caught, no core caught, filter run (driller length, last run #908, FR #16), for a total of 0 m.
- Logger's depth: 2799.83 m (preliminary);
- Current processing depth: 2795 m; daily total: 0 m; season total: 1185 m.

FW, JW, MH, 11.01.2025

