

Little Dome C

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

Situation Report 8, 24. November 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: -32°C, wind 3 knts



Today, we rested in the morning. After lunch, we refueled the vehicles and moved water from the chips melting system, often referred to as “the pig”. The science trench team is down with a bad cold, and they recovered today without processing in the trench. The PICARRO system is stabilizing and Federico and Marie have installed a hose to supply outside air into the system. The drilling team did two full uneventful runs during the afternoon. We closed the day with a nice pizza dinner and new varieties, which are based on the latest supplies Danilo and Michele shopped yesterday at Concordia station.



Danilo and Michele presenting a bowl with bread dough, for the excellent bread they bake for us.
Credit: F. Wilhelms ©PNRA/IPEV



Inès manufacturing parts for the new shelves in the Weatherhaven tent. Credit: F. Wilhelms ©PNRA/IPEV



Lemmi prefabricating the shelves for the Weatherhaven tent.
Credit: F. Wilhelms ©PNRA/IPEV



Lemmi, testing the new shelf.
Credit: I. Gay ©PNRA/IPEV





The chips melting system, referred as "the pig".
Credit: F. Wilhelms ©PNRA/IPEV



Danilo preparing pizza for dinner, here Tonno & Cipolla.
Credit: F. Wilhelms ©PNRA/IPEV

End of day statistics at 19:00:

- Driller's depth: 1897.82 m;
- we did 2 runs between 13h00 and 19h00. The length of these cores was: 4.525, 4.505 (driller length), for a total of 9.03 m;
- Logger's depth: 1896.84 m
- Current processing depth: 1758 m; daily total: 0 m; season total: 61 m.

FW, JW, MH, 24.11.2024

