

Little Dome C

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

Situation Report 9, 25. 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

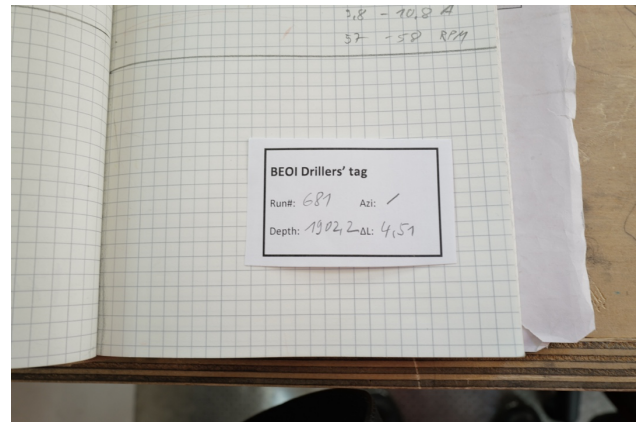
Weather at DC 5 pm: temperature: -32°C, wind 3 knts



Boring. Today, we switched to drill shifts between 08:00 and 24:00. The drill runs stable yielding 4.5 m in about 2:15 h turnaround time. Processing in the trench continued for 30 more meters. The PICARRO is working fine, finally. From now on, we will start reporting from 19:30 the previous day to 19:30 today.



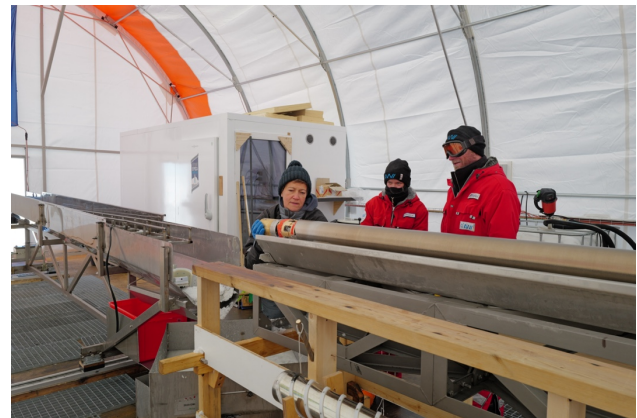
Run #681 arriving at the surface.
Credit: F. Wilhelms ©PNRA/IPEV



Run #681 passing 1900 m. Credit: F. Wilhelms ©PNRA/IPEV



Danilo and Michele switching on the second generator
Credit: F. Wilhelms ©PNRA/IPEV



The morning shift (Barbara, Manuela & Martin) customizing their surface procedures efficiently.
Credit: I. Gay ©PNRA/IPEV





Celebrating the working Picarro.
Credit: J. Westhoff ©PNRA/IPEV



Torta di mele from Danilo, delivered onto the drill shift.
Credit: G. Lawer ©PNRA/IPEV



All cores from end of last season are ready for processing. The wooden rests were made by Danilo a few years ago at Mario Zucchelli station.

Credit: J. Westhoff ©PNRA/IPEV

End of day statistics at 19:30:

- Driller's depth: 1915.50 m;
- we did 4 runs between 08h00 and 19h30. The length of these cores was: 4.51, 4.505, 4.44, 4.51 (driller length, last run #684), for a total of 17.965 m;
- Logger's depth: 1914.82m
- Current processing depth: 1788 m; daily total: 30 m; season total: 91 m.

FW, JW, MH, 25.11.2024

