

Little Dome C

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

Situation Report 11, 27. November 2024

Personnel @LDC:

Lisa Ardoin (ULB), Marie Bouchet (CNRS), Ailsa Chung (CNRS), Danilo Collino (ENEA, Camp Leader), Inès Gay (IPEV), Matthias Hühner (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: -33°C, wind 3 knts



Boring. We did 7 runs between 19:30 and 24 hrs before. Processing in the trench continued for 32 more meters and started on core from this season. The PICARRO ran the first sequence, which nicely matches to the EDC99 record. We received Eric, Sebastien, Rémi and Vito for mounting the new weather station. Riccardo, the station leader of Concordia, visited us and we used the opportunity to discuss safety procedures and coordinate further activities for the season.



The new weather station, erected by Eric, Sebastien, Rémi and Vito. Credit: G. Lawer ©PNRA/IPEV



Riccardo and Angelo brought back the PB300 with the crane, which had been repaired at Concordia. Credit: F. Wilhelms ©PNRA/IPEV

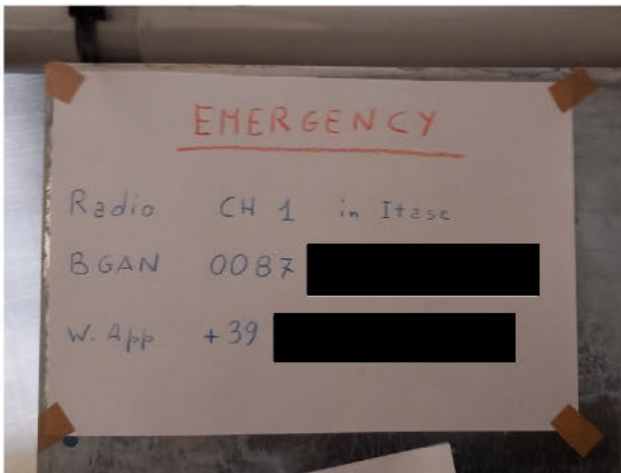


In the science trench processing of cores from this season has started. Credit: L. Ardoin ©PNRA/IPEV



Lemmi overworked the cover of the science trench and paid a visit in the science trench. Credit: L. Ardoin ©PNRA/IPEV





We discussed the safety procedures during extended working hours with Riccardo and placed prominent notes how to reach Concordia station. Credit: F. Wilhelms ©PNRA/IPEV

End of day statistics at 19:30:

- Driller's depth: 1978.6 m;
- we did 7 runs between 19h30 and 19h30. The length of these cores was: 4.51, 4.535, 3.955, 4.515, 4.525, 4.53, 4.53 (driller length, last run #698), for a total of 31.1 m;
- Logger's depth: 1977.47m
- Current processing depth: 1840 m; daily total: 32 m; season total: 133 m.

FW, JW, MH, 27.11.2024

