

Little Dome C

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

Situation Report #41, 27th December 2025

Personnel @LDC:

Gianluca Bianchi Fasani (ENEA, Camp Leader), Katrin Ederer (AWI), Matthias Hüther (AWI, Chief Driller), Iben Koldtoft (UCPH), Marion Lahuec (IPEV), Gunther Lawer (AWI), Johannes Lemburg (AWI), Philippe Possenti (CNRS), Barbara Seth (UNIBE, PI in the field), Henrique Traeger (UNIBE), Mohammad Vafadarmanvelayat (AWI), Sergio Zannini (ENEA)

Personnel @DC:

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Weather at LDC: mainly cloudy, windy and cold

Meteo at DC 6:15 pm: T = -21.4 °C, Wind speed = 12.7 kt, Windchill T = -33 °C, Humidity = 76%



There are no exciting news from the drill tent today – we were milling the wall of the bore hole between 2030 and 2040 m depth...

This afternoon, Gianluca and Sergio went out with both our PB300s on the road to Concordia to support the approaching PB100 coming from Concordia with Ivan and Erica. They brought two empty sledges and, in return, took our science ITASE module back to Concordia, including our cargo boxes for the next Basler flight tomorrow.

Pizza evening was again a great treat with delicious variations prepared by Gianluca and Katrin peaking in the Nutella Pizza (made from the very last glass of Nutella in camp or possibly the whole of Antarctica).





Sergio and Gianluca levelling the road for the Concordian PB100 bringing two sledges to LDC. Photos by M. Lahuec





Pizza evening. Photos by B. Seth, K. Ederer, J. Lemburg

CB, GBF, BS & MH; LDC, 27.12.2025

