

Little Dome C

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

Situation Report #02, 18. November 2025

Personnel @LDC:

Gianluca Bianchi Fasani (ENEA, Camp Leader), Katrin Ederer (AWI), Marion Lahuec (IPEV), Gunther Lawer (AWI), Johannes Lemburg (AWI), Barbara Seth (UNIBE), Mohammad Vafadarmianvelayat (AWI), Chiara Venier (CNR-ISP), Sergio Zannini (ENEA)

Personnel @DC:

Matthias Hüther (AWI, Chief Driller), Phillippe Possenti (CNRS)

Personnel @MZS:

Carlo Barbante (University Ca'Foscari of Venice, CNR-ISP, PI in the field)

Weather at LDC 5 pm: sunny, windy, cold

Meteo at DC 6:30 pm: T = -34°C, Wind = 12.3 knot, Wind Chill T = -49°C, P = 656.4 hPa, Humidity = 67%



After a very cold and windy night with temperatures well below zero in the women's tent we had a relative busy day, even if some of us still have the order from the Concordia doctor to take it slow. Gianluca and Sergio installed the waste-water tank for the shower module, so now we can make full use of our showers and toilets! Katrin, Gunther, Mohammad and Lemmi emptied the cargo sledge and distributed the boxes in the camp wherever they are needed next. Lemmi, Gunther and Katrin installed the new, bigger heater in the main tent replacing one of the smaller ones that do not give much warmth. Now our eating and living tent starts getting warm and cosy. Late morning we got Mikael L'Hostis, Mario Longhitano and Marco De Benedittis coming over from Concordia with the Arctic truck. We all had lunch together for which Gianluca treated us with delicious pasta. The Concordians repaired the pump in the Itase module and it is now fully operational including toilet and shower! They also had a look onto the electric supply for the drill tent together with Mohammad, but it seems to be a more severe problem. They'll send an electrician out to LDC tomorrow. Marion was sorting the LDC hospital equipment and medicine all day. Others were busy with BEOI office work, sorting boxes and equipment, cleaning and helping here and there. For dinner we had the rare opportunity to enjoy fresh salad accompanied by delicious meat, potato wedges, cheese and vegies partly precooked by the Concordia chefs, partly by our chefs Gianluca and Sergio.



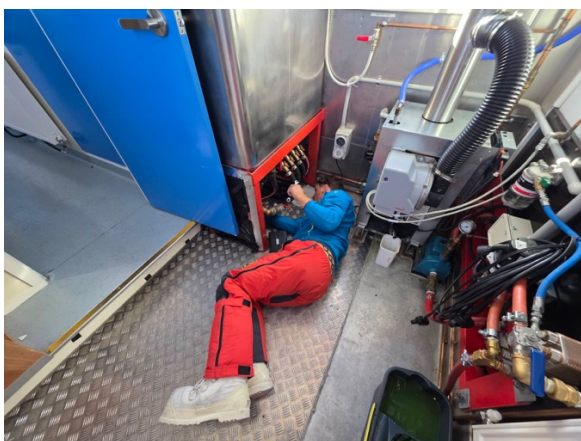
Sergio and Gianluca working on the waste-water tank for the shower module. Credit: C. Venier ©PNRA/IPEV





Left. Our new big oven is installed, thanks to Lemmi, Katrin and Gunther. Credit: K. Ederer ©PNRA/IPEV

Right. Gianluca treating us with delicious lunch. Credit: C. Venier ©PNRA/IPEV



Sergio and Mikael L'Hostis, Mario Longhitano and Marco De Benedittis from Concordia managed to repair our water pump in the Itase module! Thanks a lot!!! Credit: G. Bianchi Fasani and B. Seth ©PNRA/IPEV

GBF, BS & MH; LDC, 18.11.2025

