

**Little Dome C**

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

**Situation Report #37, 7. January 2022**

**Personnel @LDC:**

Saverio Panichi (ENEA, Camp Leader), Carlo Barbante (ISP-CNR, PI), Olivier Alemany (IGE), Romain Duphil (IGE), Matthias Hüther (AWI), Calogero Monaco (ENEA), Philippe Possenti (IGE), Clément Savornin (IPEV), Michele Scalet (ENEA), Jakob Schwander (unibe), Thomas Stocker (unibe), Remo Walther (unibe)

**Weather at LDC:** sunny, low wind – pleasant day.

**Meteo at DC 6 pm:** T = -35°C, Wind = 5 knt, Wind Chill T = -38°C



A first batch of LDC colleagues went to Dome C for the booster vaccination. They safely returned for dinner at LDC.



Matthias focusing on a line of code that needs to be fixed.  
Photo: T. Stocker (Leica SL2-S, 26 mm, f 4.5, 1/15 s, ISO-100).



Those remaining at LDC today worked on housekeeping and the electronics of the main drill and the backup. A particular focus today for Matthias was the transmission of signals from the surface to the motor controller. Michele was busy grooming the surface around the camp and preparing storage positions for items that will overwinter at LDC.



Prosciutto di Parma in a vice, in absence of an expensive Berkel. Photo: C. Barbante (Leica SL2-S, , 34 mm, f 8, 1/50 s, ISO-400).

At RADIX, bore hole reaming and cleaning continued between 265 and 270 m depth, and a 5 m hole was prepared for continued drilling tomorrow.

RADIX drilling depth: 275.0 m

TS & CB, 7.1.2022

