

Little Dome C

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

Situation Report #38, 8. January 2022

Personnel @LDC:

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

Personnel @DC:

Olivier Alemany (IGE), Philippe Possenti (IGE)

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

Meteo at DC 6 pm: T = -36°C, Wind = 5 knt, Wind Chill T = -45°C



With a reduced staff at LDC and two individuals suffering mild post-boosters symptoms, we decided to give you an impression of the Saturday Pizza Night at Little Dome C.



Five flavours of pizzas: ready for the oven. The left most is La Speciale, with a good load of peperoncini and garlic. Photo: S. Panichi.





Michele and Calogero slicing the pizzas. Photo: T. Stocker (Leica SL2-S, , 30 mm, f 6.3, 1/60 s, ISO-400).

Nevertheless, some work got done on this Saturday. Matthias finished the adjustments to the electronics and assembled the 2.5 m drill. Romain started the installation of the extraction table in the drilling table. Carlo mounted two more shelves in the core storage containers.

At RADIX, we have reamed the entire bore hole down to 270 m with a special counter sink drill head. Reaming removes small steps and irregularities in the hole so that penetration tomorrow may be facilitated.

RADIX drilling depth: 275.0 m

TS & CB, 8.1.2022

