

Interactive comment on “On the gas-ice depth difference (Δ depth) along the EPICA Dome C ice core” by F. Parrenin et al.

EW Wolff (Editor)

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The paper has been seen by three reviewers, all of whom find this a very suitable paper for CP. They all request some corrections and changes. Please prepare a new version of the paper, and a response that addresses all the editor comments. All the comments seem reasonable to me (including the correction to equation 15).

However, I leave it to you how to address referee 3's main point (1). While it is true that LD2010 is likely a better age scale for the last glacial, I can also see value in starting from the official timescale (EDC3) as a part of the route to a new age scale. This probably makes it easier for readers to compare with previous work, most of which has been based on EDC3. I can therefore accept a solution which stays with EDC3 if that is the authors' preference.

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One extra technical point: Page 1096, line 2, should refer to fig 2 not 7. Page 1102, section heads give deltadepth and deltaDepth: decide whether D or d

Interactive comment on Clim. Past Discuss., 8, 1089, 2012.