

Interactive comment on “Deglaciation records of ¹⁷O-excess in East Antarctica: reliable reconstruction of oceanic relative humidity from coastal sites” by R. Winkler et al.

R. Winkler et al.

renato.winkler@lsce.ipsl.fr

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Dear Editor, We received and read carefully the two Reviewer’s comments and the Editor’s general remarks. We have thus prepared a new version of the manuscript that addresses the different comments.

The main comment of Eric Steig was to detail further the calibration between the two labs (IES and LSCE). To address this, we wrote one page of explanation that could be added to the new version as an appendix. The main concerns of Kate Sinclair are about the tuning of the model for the different ice core sites and transect data. We are now preparing a version explaining better our approach (disentangle the influence

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of climatic parameters and supersaturation). We are also documenting the effect of supersaturation more precisely through additional results displayed in Table 1.

Interactive comment on Clim. Past Discuss., 7, 1845, 2011.