

***Interactive comment on “Small-scale disturbances
in the stratigraphy of the NEEM ice core:
observations and numerical model simulations”
by D. Jansen et al.***

D. Jansen et al.

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Received and published: 28 January 2016

Dear Jean-Louis,

we have now re-edited the manuscript to solve the terminology problem. We had a quick brainstorming between the co-authors and decided to describe the features that we observe and modeled as "tilted-lattice bands". There were a few other ideas but in the end we decided to go for a clear and simple solution rather than a fancy one. We changed the wording where appropriate but still pointed out the similarity to related geological processes in the discussion. Thus, we had to adapt parts of this chapter beyond just change of terminology. We also extended the paragraph on annual layer

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thicknesses. We attached a new version of the manuscript with highlighted changes, as requested.

Best regards on behalf of all authors,

Daniela

Please also note the supplement to this comment:

<http://www.the-cryosphere-discuss.net/9/C2899/2016/tcd-9-C2899-2016-supplement.pdf>

Interactive comment on The Cryosphere Discuss., 9, 5817, 2015.