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

**J.-L. Tison (Editor)**

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Dear Daniela and co-authors,

I have received today some further comments of reviewer 1 on the "terminology" issue. The referee has produced a very clear and argued statement with a series of arguments and reasons why he thinks you should revise your position on calling your features "kink bands". In short, you are clearly demonstrating processes (and reasonably reproduce those in ELLE) that do not belong to the "kink band" concept and definition in a geologist mind. The referee is also extremely positive on the quality and novelty of your work, and right in saying to me in separate comments that " the au-

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thors have results that are more important than they are giving themselves credit for". So I would urge you to carefully revise your position in this matter and , why not, use some of the reviewer's phrasing to improve the characterization of your "features" and why it should be given another name, beyond similarities with some of the kink bands features... The referee is even suggesting "neologism"... This should actually require minimal (though careful of course) rewriting in the manuscript...I am sure we will end up with a better paper which might even become a "classic"!...

Can you provide me with a revised version of the manuscript clearly enlightning the new changes (and only those, compared to the previous version)... thanks!

Jean-Louis.

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

TCD

9, C2879–C2880, 2016

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