

## ***Interactive comment on “Enthalpy benchmark experiments for numerical ice sheet models” by T. Kleiner et al.***

**F. Pattyn (Editor)**

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Dear Thomas,

As requested, I took a look at your rebuttal. Both referees were very positive towards your paper and consider the manuscript acceptable for publication with a minor revision (which is maybe note immediately reflected in the length of the comments that are given). I think that the second review is particularly helpful in improving your manuscript. It doesn't imply to devise complete new experiments, but the choice of terminology in explaining the approach seems quite important.

I encourage you to add the figure on the RMSD as a function of  $\Delta z$ . I also am in favour of expanding the section on the boundary conditions (since they are crucial); it could

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be done in an appendix if you wish. The same applies to the table providing extra information on the different models.

At this stage, I encourage you to submit a revised manuscript based on the rebuttal and the remarks of both referees.

Kind regards,

-Frank

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Interactive comment on The Cryosphere Discuss., 8, 3207, 2014.

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