

***Interactive comment on “An inter-laboratory investigation of the Arctic sea ice biomarker proxy IP<sub>25</sub> in marine sediments: key outcomes and recommendations” by S. T. Belt et al.***

**L. Beaufort (Editor)**

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Received and published: 25 November 2013

Dear Dr Simon BELT and co-author

We now have received two reviews of your manuscript. Both of them are very positive. They found the manuscript well written, and important for the biogeochemistry community. They both regret that only a few laboratories participate in your experiment. Your reply to this comment confirms that there will be a follow-up of this experiment. You may want to mention that in the conclusions. I would advise you also to follow Dr. Volkman's proposition that you write a short section on possible caveats following his comments on the isotope signature of the IP<sub>25</sub> produced in sea-ice, and the problem of the mini-

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imum concentrations of IP<sub>25</sub> in sediments diagnostic of sea-ice presence. Because the manuscript is of good quality, I encourage you to submit it after those minor revisions to Climate of the Past. I look forward to receiving the revised manuscript no later than December 16.

I thank you for submitting your best work to Climate of the Past, yours sincerely.

Luc Beaufort

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Interactive comment on Clim. Past Discuss., 9, 5263, 2013.

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