

Interactive comment on “Initial sea-ice growth in open water: properties of grease ice and nilas” by A. K. Naumann et al.

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We are very grateful for these valuable, detailed and constructive suggestions and comments on the manuscript. We will address them in detail in a revised version of the manuscript.

However, we would like to already now address the major criticism of the referee related to the applicability of our results to natural conditions. We believe that the referee's comments are in part related to the fact that we used the ambiguous term "open water" (among others already in the title). By "sea ice growth in open water" we do not mean "open ocean conditions" but simply "not ice covered water". We would never claim that experiments in such a tank are directly representative of open ocean conditions and will change the paper in a revised version to remove this ambiguity.

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Interactive comment on The Cryosphere Discuss., 6, 125, 2012.