

Interactive comment on “Sensitivity of CryoSat-2 Arctic sea-ice volume trends on radar-waveform interpretation” by R. Ricker et al.

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Thank you for the comment. We do not consider the Baffin Bay in our study, since there is no reliable snow depth product available for this region, which is essential to apply corrections to the freeboard and also for the freeboard-to-thickness conversion. In our study we wanted to focus on the interpretation of the CryoSat-2 waveforms. But indeed the validation of sea-ice thickness with moorings should be considered in future investigations.

Interactive comment on The Cryosphere Discuss., 8, 1831, 2014.

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Discussion Paper

