

Interactive comment on “Antarctic summer sea ice concentration and extent: comparison of ODEN 2006 ship observations, satellite passive microwave and NIC sea ice charts” by B. Ozsoy-Cicek et al.

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General

This is an interesting paper. Any paper that attempts to combine such different sources of sea-ice concentration/area/extent data (and there are not too many of these) is a potentially valuable contribution. But as mentioned in the review by Dr. Worby, there are a number of confusing/contentious points of scientific substance that need addressing. Therefore I would like to strongly suggest that the authors carefully consider and

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respond to Worby's review, as the present reviewer agrees with many of his comments.

The authors need to be more precise/specific about the mix of data going into producing the NIC ice charts, as this will considerably influence comparisons with the other sea-ice data types attempted in the study.

Specific

Abstract, l.1: "slight increase" - quantify/specify.

p.4, bottom line: "...the sea ice of the area has shown significant changes in the satellite era." - please add brief details/reference.

p.5: What is the "SSM/I automated contour"?

"data" should be pluralised throughout the MS.

Interactive comment on The Cryosphere Discuss., 2, 623, 2008.

TCD

2, S329–S330, 2008

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