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
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.