

Response to reviews:

Our thanks go to the handling editor and the two anonymous reviewers for the time they have dedicated to reading and helping us improve the manuscript. A short reply to the latest correction suggested by Reviewer #2 is appended below.

Reviewer #1

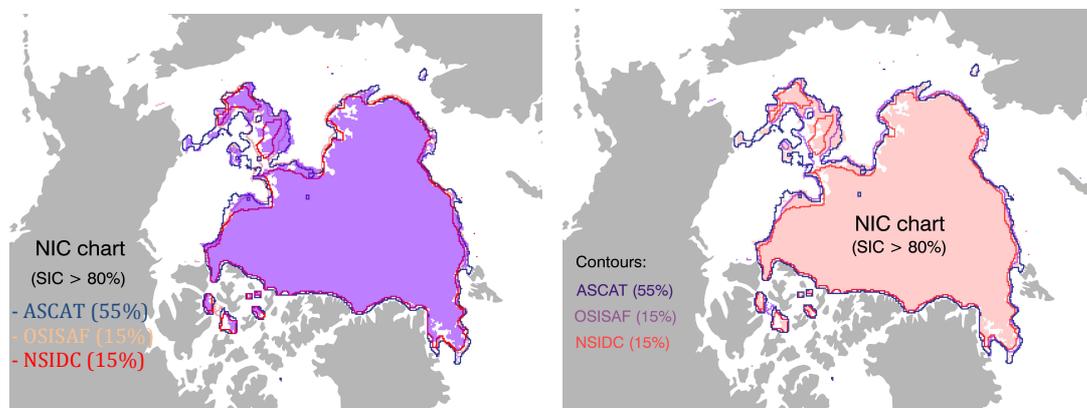
[Accept as is - No comments]

Reviewer #2

[The revised version of your manuscript is greatly improved, and I fully support publication in EGU TC. The text is now more open about the challenges the scatterometer record has (e.g. the discussion about label D on Figure 13). The methodology is better documented, with due reference to earlier work. The text is also more balanced wrt to the passive microwave sea ice concentration/extent records, and what can be expected from navigational ice charts.

I just have a final technical suggestion to improve the readability of your maps, for example Figure 7, bottom right panel, the OSISAF 15% contour is hard to see.]

We have modified the color table in the bottom right panel of Fig. 7, in order to improve the readability of the OSISAF 15% sea ice contour:



Former

→

Final Version

It is difficult to plot so much data on a single panel, but we think that the final version is clearer. Thanks again and good luck.