

***Interactive comment on* “Evaluation of Sub-Monthly Oceanographic Signal in GRACE “Daily” Swath Series Using Altimetry” by Jennifer A. Bonin and Himanshu Save**

Jennifer A. Bonin and Himanshu Save

jbonin@mail.usf.edu

Received and published: 17 September 2019

Thank you, Henryk, for your very helpful review. We’ve altered the text in several places because of it. The attached document contains our more detailed replies. Please let us know if there’s anything else you’d suggest changed.

We have tentatively added a line in the manuscript which states:

"This assessment has recently been provided to the creators of the AOD6 model, who hypothesize that the problem may be caused by an error in the MPIOM ocean model run near the Ross Sea. They now believe that their model was treating the ice shelf as

Printer-friendly version

Discussion paper



land, which distorted the region's dominant eigenmodes at 3-8 day periods. They are working to correct this flaw for the next release of the de-aliasing product."

Please let us know if you and your colleagues would appreciate having such an explanation given, or not. We will abide by your wishes on that.

– Jenni and Himanshu

Please also note the supplement to this comment:

<https://www.ocean-sci-discuss.net/os-2019-68/os-2019-68-AC1-supplement.pdf>

Interactive comment on Ocean Sci. Discuss., <https://doi.org/10.5194/os-2019-68>, 2019.

Printer-friendly version

Discussion paper

