

**Response to editor comment on revised version of the manuscript:**

Comment:

Thank you for your updates to the manuscript following the second round of reviewer comments. There is one minor technical issue which is that "psu" has appeared after practical salinity values in the final version, though practical salinity is dimensionless (see e.g. [https://tos.org/oceanography/assets/docs/6-3\\_letter.pdf](https://tos.org/oceanography/assets/docs/6-3_letter.pdf)). Please could you remove the superfluous psus and then I will put the manuscript forward for publication.

Dear Editor,

Thank you very much for pointing this out. We removed "psu" throughout the manuscript and the final files have been uploaded.

On behalf of all co-authors,

Anne-Marie Wefing