

Dear Bernadette,

We have revised the paper all your comments.

We would like to propose to keep PSU unit for Ocean Salinity variable. This unit is typically used oceanographic papers. The definition of PSU is the one proposed in the UNESCO manual 2010 (IOC, SCOR and IAPSO, 2010: The international thermodynamic equation of seawater—2010: Calculation and use of thermodynamic properties. Intergovernmental Oceanographic Commission, Manuals and Guides No. 56, UNESCO (English), 196pp.)

I look forward to receiving your comments.

Kind Regards

Giovanni Coppini