

Interactive comment on “CARINA data synthesis project: pH data scale unification and cruise adjustments” by A. Velo et al.

A. Velo et al.

avelo@iim.csic.es

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We would like to thank the referee for the time and effort that he has put into the evaluation of our manuscript. We think that this revised version has been improved as a consequence of the new inputs.

We have made those changes to the manuscript and discussed in detail for each of the comments about the main concerns he had been pointed out.

- A flowchart for describing the steps taken in the synthesis process, has been suggested as a part of the revision of the methods paper, and it's going to be incorporated there.

- In Table 2 and in the text, the equations have been changed to use subscripts for total C165

sulphate (ST), total fluorine (FT) KS and KT. Also pHTS has been renamed to pHT. Nomenclature has been reviewed for homogeneity.

- Miscellaneous: All the minor changes in the "miscellaneous" suggestions, most of them mistyping, have been incorporated in the manuscript.

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