

## ***Interactive comment on “CARINA alkalinity data in the Atlantic Ocean” by A. Velo et al.***

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First of all, thank you for the time taken in the revision of the manuscript. I've taken most of your comments and improved the manuscript. I'm uploading the new version.

Regarding your comments:

- Introduction: The question about flags have been discussed by long in the CARINA group. Interpolation has been done only for salinity, oxygen and nutrients. For Alkalinity, all data flagged 0 come from data calculated from the other parameters in the CO<sub>2</sub> system.
- Data: Changed the full paragraph and detailed a bit the quality control.  
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- Cruises: Added info on the location of the cruise, as well as stations/samples for all the cruises. All other comments taken into account.
- Data quality evaluation: Added some comments.
- Figures: Added the reference to the cruise ids IDs on Table1. Also added the CARINA Id after expocode and darked a bit the yellow line in cruise figures.