

Interactive comment on “Quality control procedures and methods of the CARINA database” by T. Tanhua et al.

Anonymous Referee #1

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This manuscript details the procedures and methods that were used to collate and quality control a database of carbon and other hydrographic data from the Atlantic Ocean under the auspice of the CARINA programme. It is not innovative research but a very comprehensive description of the way data from 188 oceanographic cruises together with 52 reference cruises have been handled. It discusses in detail the pros and cons of various methodologies for quality controlling data and gives good background information for any user of the CARINA website to make their own valued judgements as to the precision and accuracy of a specific data set. The forte of the manuscript is the very open and frank way the text describes the different cross-over analysis, interpolations and adjustments that have been made. In short the document provides an excellent ‘handbook’ for users of the CARINA website.

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