

***Interactive comment on “The CARINA data synthesis project: introduction and overview” by R. M. Key et al.***

**Anonymous Referee #2**

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In this manuscript, the authors give clear and comprehensive descriptions of the history, process of collection, quality control, and construction of the products for the merged calibrated data set CARINA. Written as an important part of the activities for quality control, this paper also gives important detailed information and inherent ideas underlying this invaluable dataset. It will also impress readers with the ardor of authors and many scientists involved in this project. I think this manuscript well deserves publication in its form after correcting some typos. P580, footnote : MARIANDA, not MIRIANDA. P585, line 24; p589, line 20; p597, lines 4-5 : What “the Arctic Mediterranean Seas” stand for? Is it a common name for some regions? P605, line 2 : “better” than. P606, line 1 : carries ?

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