

# ***Interactive comment on “Quality assurance and control on hydrological data off western Sardinia (2000–2004), western Mediterranean” by Alberto Ribotti et al.***

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The manuscript “Quality assurance and control on hydrological data off western Sardinia (2000 - 2004), western Mediterranean” by Ribotti et al. presents an open access dataset (and its quality control methods) that includes data acquired during seven oceanographic cruises off the coast of western Sardinia, Western Mediterranean. The main aim of the cruises and the publication of the dataset is to give to the scientific community a contribution to the local circulation and interaction with the general Mediterranean circulation. The description of instrumentation and quality assurance and control methods of the dataset is clear and informative (although the pictures of

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specific instruments seem redundant). The information is also included in the SEA-NOE archives. Based on the aim of the cruises, the absence of hydrodynamic (ADCP) data makes the dataset “weaker” and less informative. The reason for not including this data should be better explained by the authors.

Overall, the manuscript follows the scope and recommendations of the journal and the dataset can be useful for future research and assessment work of the oceanographic community. Thus, I propose that the paper should be accepted after minor revisions.

Minor comments:

Line 15: “carried out” (instead of “carried on”) Line 28: “center” (instead of “centre”) Line 35: “observed” (instead of “retrieved”) Line 44: apart from Lines 83-84: units are not correct Line 96: “except” (instead of “apart”) Line 156: “enable the definition of” (instead of “permit to define”)

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2020.

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