

Interactive comment on “Hydrography and Circulation West of Sardinia in June 2014” by Michaela Knoll et al.

Anonymous Referee #2

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General comments

This manuscript describes the hydrography and circulation features observed west of Sardinia during the REP14-MED multi-platform experiment. It gives an interesting snapshot of the oceanographic characteristics in the study area during the period 6-25 June 2014, but the lack of new/real results lead the authors to add too much information (about the sensors calibration/accuracy, water masses, figures, etc. ...). These overflow of information distract the reader and make too hard to follow a guide line. For these reasons, I suggest to simplify the structure of sections 2, 3, and 5 in order to emphasize only the most important aspects that arise from the data. I recommend the publication of the manuscript after minor revisions suggested in the detailed comments and after a general lighten of the text.

Detailed comments

Section 2: I suggest to reduce strikingly the comparisons between sensors because this topic was already discussed in the technical report of Knoll et al 2015 and because, as the same authors explain in the first paragraph of section 4, “the differences between CTD sensors were not considered”.

Section 3. I suggest to don't repeat in the text the hydrographic characteristics already summarized in Table 2 (e.g. Line 28. . . varied between 13.6 and 24 °C and between 37.1 and 38.3. . .etc)

Page 6, Line 30: Add a sentence to introduce/describe Fig 7 before to speak about their evidences/results.

Section 5: reduce the first paragraph (Lines 24-29);

Lines 14-21: this paragraph appears not related with the context of Currents; put it in the right context or remove it.

Fig. 1: Add bathymetry lines as in Fig 14 and specify the geographical location of transect 1, 5 10;

Figure 12: remove this figure and add other two subplots in Figure 13

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Discussion paper

