

## ***Interactive comment on “Hydrography in the Mediterranean Sea during a cruise with RV POSEIDON in April 2014” by D. Hainbucher et al.***

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Received and published: 21 July 2015

We thank referee #2 for all his/her comments and criticism which helped to improve our manuscript. We tried now to avoid generic formulations and text passages in our manuscript. Comments to the special items: 1. Data set: data base management and software: I am not quite certain, what the referee expects here. The data are now part of the PANGAEA data base. They provide the information for the reading and management of the data. The output “tab” files are ASCII and can be read by any editor or can be loaded into a software environment like MATLAB for further analysis. Is this the information which should be put into the manuscript? However, to fix the problem with an empty elevation column in the output files, we have to contact the PANGAEA support office, this goes beyond our scope. 2. Revise English: We tried to

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correct our English writing, especially the punctuation. 3. Page 428, line 5: sentences are rephrased and references to surveys are given at the end of the introduction. 4. Page 428, lines 12-13: changed according to the referee’s suggestion. 5. Page 429, lines 2-3: changed according to the referee’s suggestion. 6. Page 429, lines 6-15: changed according to the referee’s suggestion. 7. Page 429, lines 22-27: we added here that a steady state might not be the right suggestion. 8. Page 430, lines 1-3: changed according to the referee’s suggestion. 9. Page 430, line 5: changed according to the referee’s suggestion. 10. Page 430, line 6: changed according to the referee’s suggestion. 11. Page 430, line 7: changed according to the referee’s suggestion. 12. Page 430, line 13-14: changed according to the referee’s suggestion. 13. Page 430, lines 16-17: changed according to the referee’s suggestion. 14. Page 430, line 19: changed according to the referee’s suggestion. 15. Page 430, line 22: changed according to the referee’s suggestion. 16. Page 431, line 5: we shortened this part according to the referee’s suggestion. 17. Page 433, line 10: changed according to the referee’s suggestion. 18. Page 433, line 28: changed according to the referee’s suggestion. 19. Page 434, line 9-10: changed according to the referee’s suggestion. 20. Page 434, line 23: changed according to the referee’s suggestion. 21. Page 435, line 9-17: the whole paragraph was revised. 22. Page 435, line 5: changed according to the referee’s suggestion. 23. Reference Pinardi: checked. 24. Reference Nittis and Lascaratos: omitted. 25. Table 1: changed according to the referee’s suggestion. (survey number was already part of the text) 26. Table 3: changed according to the referee’s suggestion. 27. Figure 1 and figure 2: changed according to the referee’s suggestion. 28. Figure 2 and figure 4: gained changed to recorded.

Please also note the supplement to this comment:

<http://www.earth-syst-sci-data-discuss.net/8/C174/2015/essdd-8-C174-2015-supplement.pdf>

