

Interactive comment on “Friction and mixing effects on potential vorticity for bottom current crossing a marine strait: an application to the Sicily Channel (central Mediterranean Sea)” by F. Falcini and E. Salusti

F. Falcini and E. Salusti

f.falcini@isac.cnr.it

Received and published: 11 March 2015

Dear Reviewer, We found your criticism really interesting, in particular your first critique. This gave us the opportunity to better understand the dynamics of the EMDW along the Sicily Channel and to clarify some crucial aspects related to its relation with the LIW at the sill region. Please find in the supplement our comments to your critiques and suggestions.

Please also note the supplement to this comment:

C1407

<http://www.ocean-sci-discuss.net/11/C1407/2015/osd-11-C1407-2015-supplement.pdf>

Interactive comment on Ocean Sci. Discuss., 11, 2495, 2014.