

Interactive
Comment

Interactive comment on “Effect of variable winds on current structure and Reynolds stresses in a tidal flow: analysis of experimental data in the Eastern English Channel” by K. A. Korotenko et al.

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The authors are very grateful to an anonymous reviewer for appreciating the work and valuable comments made.

Answering the specific comments concerning a possible dependence the drag coefficient on flow direction we would say that at the site of interest the bottom was flat and sandy, so that turbulent quantities increased/decreased with increasing/decreasing flow speed and, thus, no direct dependence of drag coefficient on flow direction we can expect. Although the comment is very exciting and inspires further study in this direction.

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Fig.6: mistypes units cph was changed to cps.

Again thanks to the reviewer for for comments

Please also note the supplement to this comment:

<http://www.ocean-sci-discuss.net/9/C758/2012/osd-9-C758-2012-supplement.zip>

Interactive comment on Ocean Sci. Discuss., 9, 2215, 2012.

OSD

9, C758–C759, 2012

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