Ocean Sci. Discuss., 9, C758–C759, 2012
www.ocean-sci-discuss.net/9/C758/2012/

Ocean Science
Discussions

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.

K. A. Korotenko et al.

kkorotenko@gmail.com

Received and published: 20 July 2012

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.

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.