

***Interactive comment on “Transformation of an
Agulhas eddy near the continental slope” by S.
Baker-Yeboah et al.***

S. Baker-Yeboah et al.

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Dear Review#3,

Thanks for your very useful comments on the manuscript: Journal: OS Title: Transformation of an Agulhas eddy near the continental slope Author(s): SBY Baker-Yeboah et al. MS No.: os-2009-50 Special Issue: Deep ocean exchange with the shelf.

→Yes; this work has stimulated further model study and we are examining different aspects of the baroclinic qg problem with different topography. We have considered the Thompson approach; however, the shallow water studies by two of the coauthors (Sutyrin, Zhang) suggest that smooth topography with the added structure in the topographic Rossby waves can significantly alter more detailed aspects of the interaction.

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Many thanks, Sheekela

Interactive comment on Ocean Sci. Discuss., 6, 1819, 2009.