

Interactive comment on “Comparison between three implementations of automatic identification algorithms for the quantification and characterization of mesoscale eddies in the South Atlantic Ocean” by J. M. A. C. Souza et al.

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Thank to the referees for the comments on the text; The gramatical errors have been corrected in the final version. Special thanks to Mark Petersen for the detailed corrections. As posted as SC reply, we understand that Isern-Fontanet et al. (2003) shows basically an application of the Okubo-Weiss criteria. Since we chose to restrict the present discussion to the 2D (surface) eddy identification, this citation was not included in the present text. Due to the great importance of the relation between the 3D eddy structure and its surface manifestation, a new manuscript is been prepared that deals

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with this issue especifically. Modifications have been made in the geometric method description, following a sugestion by Alexis Chaigneau.

Kind Regards

Interactive comment on Ocean Sci. Discuss., 8, 483, 2011.