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Supporting Information for

Modeling post-convective submesoscale coherent vortices in the northwestern Mediterranean Sea

P. Damien[1,3], A. Bosse[2], P. Testor[2], P. Marsaleix[3], and C. Estournel[3]

[1] Departamento de Oceanografıa Fısica, CICESE, Ensenada, Baja California, Mexico

[2] LOCEAN, UMR 7159, CNRS-IRD-UPMC, MNHN, Paris, France.

[3] Laboratoire d'Aérologie, Université de Toulouse, CNRS, UPS, France

Additional Supporting Information (Files uploaded separately)

Movie S1 : damienetal_s1.mp4

Introduction

This supporting information provides a movie made from the daily average potential temperature fields at 1800 m depth as simulated by the Symphonie model (described in the article) from the 1st of February 2009 to the 11th of March 2010. The trajectories of two SCVs described in the article were calculated by the eddy detection and tracking algorithm developed by Nencioli et al. [2010] and highlighted by black lines in the movie. A red cross indicates the anticyclone's position and a blue one indicates the cyclone's position.

Movie S1 : Potential temperature field at 1800 m depth as simulated by the Symphonie model from the 1st of February 2009 to the 11th of march 2010. The trajectories of the two SCVs described in the article are highlighted by black lines. A red cross indicates the anticyclone's position (A^{DW}) and a blue one indicates the cyclone's position (C^{DW}).