

# Supporting Information for "Subregional characterization of mesoscale eddies across the Brazil-Malvinas Confluence"

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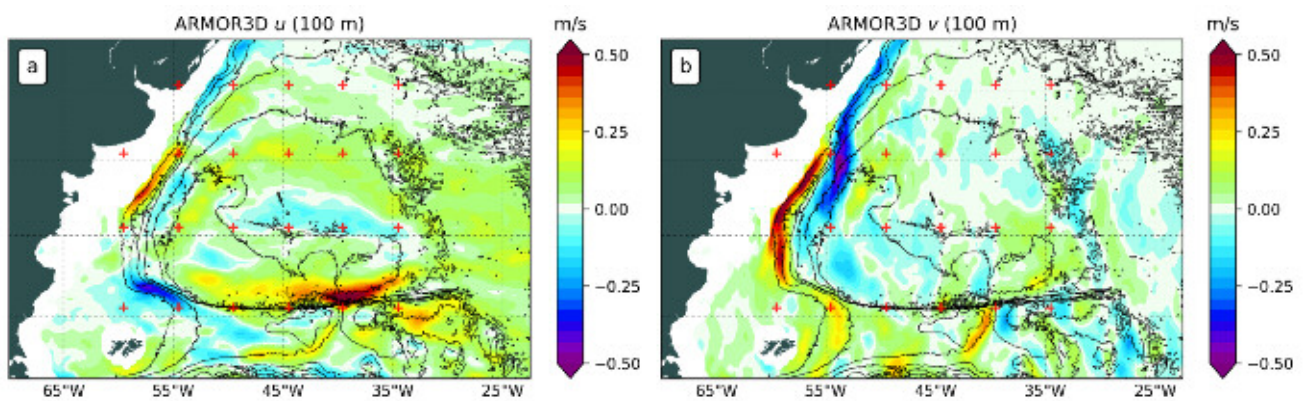
## Contents of this file

1. Figures S1 to S3.

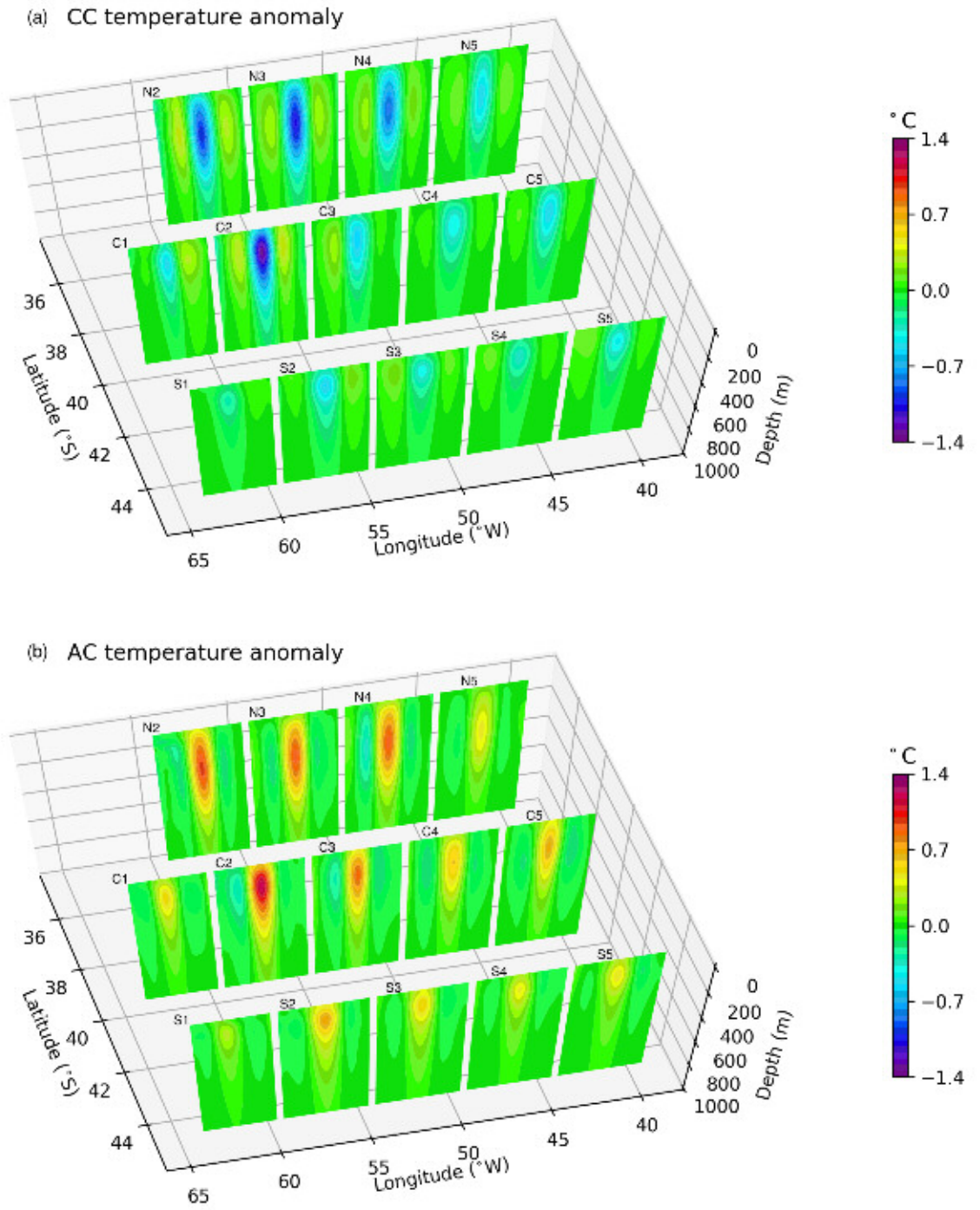
**Introduction** This document contains supplementary Figures which support statements in the main text.

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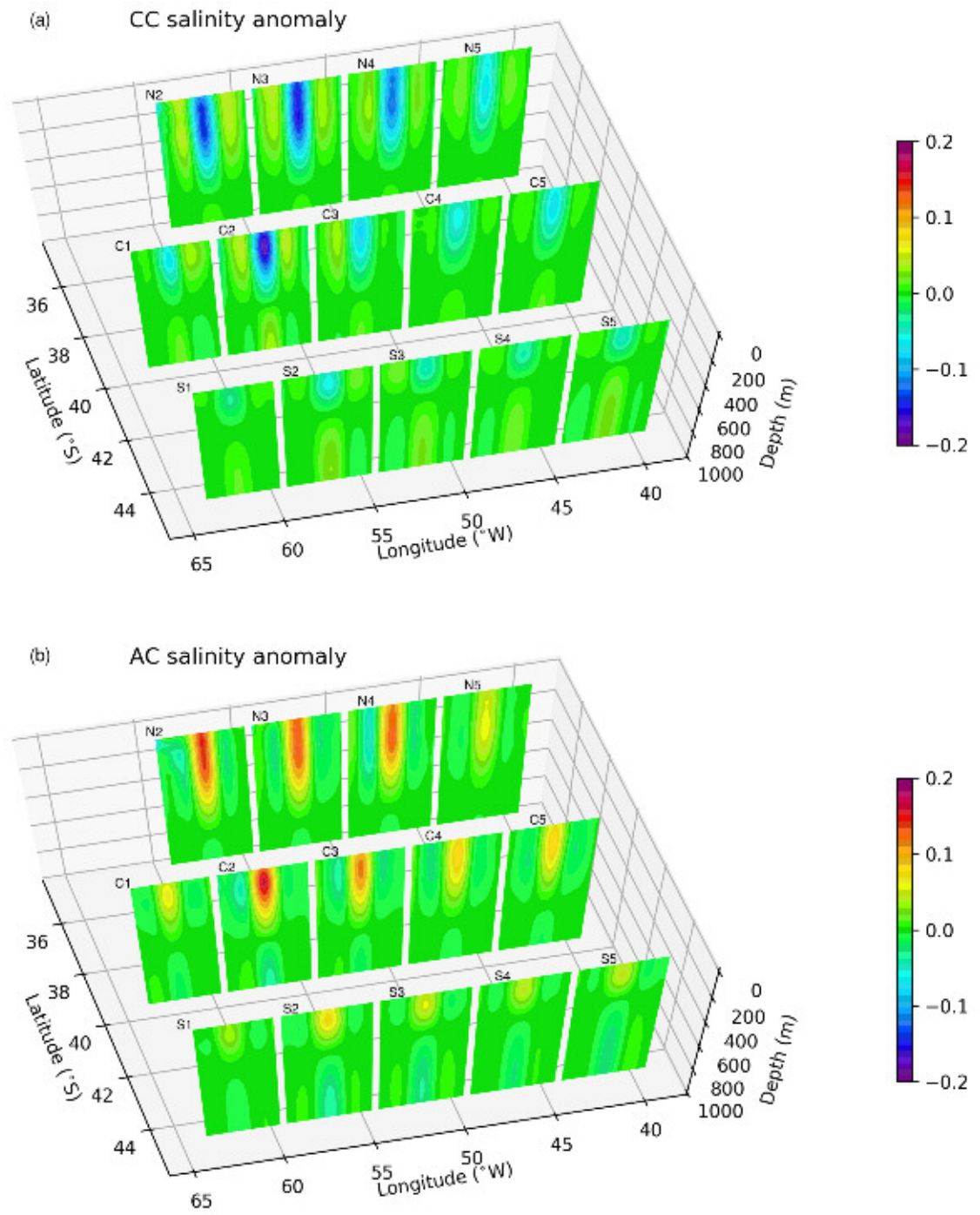
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**Figure S1.** Annual means of ARMOR3D (a)  $u$  and (b)  $v$  velocity at 100 m over the Brazil-Malvinas Confluence study region. Colored crosses indicate the vertices of the subregion boxes defined in the main text. Black contours correspond to isobaths at 1000, 2000, 3000, 4000, 5000 and 5500 m.



**Figure S2.** Subregional BMC eddy composites of zonal sections between the surface and 1000 m of  $T'$  for (top) cyclones and (bottom) anticyclones.



**Figure S3.** Subregional BMC eddy composites of zonal sections between the surface and 1000 m of  $S'$  for (top) cyclones and (bottom) anticyclones.