

Mesoscale variability in the Bransfield Strait region (Antarctica) during Austral summer

M. A. García, O. López, J. Sospedra, M. Espino, V. Gràcia, G. Morrison, P. Rojas, J. Figa, J. Puigdefàbregas, A. S.-Arcilla

Laboratori d'Enginyeria Marítima, Universitat Politècnica de Catalunya, c/Gran Capità s/n, mòdul D1, E-08034 Barcelona, Spain

(2) Intermarine, 4243 Glanford Avenue, Victoria, BC V8Z 489, Canada

Received: 16 July 1993/Revised: 22 February 1994/Accepted: 25 March 1994

Abstract. The Bransfield Strait is one the best-known areas of Antarctica's oceanic surroundings. In spite of this, the study of the mesoscale variability of its local circulation has been addressed only recently.

This paper focuses on the mesoscale structure of local physical oceanographic conditions in the Bransfield Strait during the Austral summer as derived from the BIOANTAR 93 cruise and auxiliary remote sensing data. Moreover, data recovered from moored current meters allow identification of transient mesoscale phenomena.

Correspondence to: Marc A. García

Article not available online

Last change: October 3, 1997

helpdesk.link@springer.de

© Springer Berlin Heidelberg 1994