

# Observations of the antarctic east wind drift current, 1980–1981

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The radio beacon N-Argos 1068 was set up, from the USCGC *Polar Sea*, atop a tabular iceberg drifting at 75°33'S 160°48'W. The track of the drift was recorded from 21 January 1980 until 22 February 1981 (398 days) (see Tchernia 1980). The last position received was 69°9'S 162°31'W.

The iceberg showed a general tendency to drift south to north, oscillating between the two meridians, 160°W and

170°W. Making loops and meandering along the way, it drifted to the north-northwest for 7 months. In early October 1980, while approaching the southern edge of the Antarctic-Pacific Ridge, it turned sharply northeast. In late November 1980 it moved east, and in February 1981 to the south-southwest.

Results obtained via the radio beacon 1068 will be compared with data from other such beacons to be set up in the Ross Sea by the Soviet Union.

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## Reference

Tchernia, P. Observation of the antarctic east wind drift current by using tabular icebergs tracked by satellite. *Antarctic Journal of the U.S.*, 15(5), 83.