MAP OF THE ANTARCTIC

compiled by

THE AMERICAN GEOGRAPHICAL SOCIETY OF NEW YORK

from the maps accompanying the published results of scientific expeditions

In 4 Sheets

Stereographic Projection Scale in latitude 71° 1:4,000,000

Kilometers 50 0 50 100 150 200 250 300 350 400 Statute miles 25 0 25 50 75 100 125 150 175 200 225 250

Ice Forms: Inland ice, Glaciers, Shelf ice, Pack ice

Relief (Elevations and depths in meters): Generalized contours, or form lines (only in a few areas where detailed surveys have been made, such as the McMurdo Sound region, are the contours other than approximate) — conjectural 1000; Sea bed contours (both height and depth contours are drawn at 200, 500, 1000, 2000 etc. meters) — 200, 500, 1000, 2000; Elevations: determined, estimated; Soundings with no bottom — 2000, 4379

The wind roses on the margin show direction and velocity for the periods indicated. Direction is concentrated on the 16 points of the compass N, NNE, NE, ENE, etc., with true north at the top. The arrows fly with the wind. The length of the arrows measured from the center of the circle is proportional to the frequency of wind direction. The number of feathers on a given arrow shows the average force of the wind from that direction and corresponds to the values of the Beaufort scale. The figures in the circles indicate the percentage of calms.

The lines of equal magnetic variation are for the epoch 1927.0 and are approximate only. They are derived from the South Polar inset map on British Admiralty Chart No. 2598, edition of 1927, with the addition of two interpolated 10° lines in each 30° interval from 60°E via 180° to 60°W and of all 5° lines except from 50°E via 180° to 60°W

WIND DIRECTION AND VELOCITY
SNOW HILL ISLAND (64°22'S, 57°0'W)

March 1902, Apr., May; March 1903, Apr., May; June, July, Aug.; June, July, Aug.; Sept., Oct., Nov.; Sept., Oct., Nov.; Dec., Jan.'03, Feb.

PETERMANN ISLAND (65°10'S, 64°14'W)

Feb. 1909; March, Apr., May; June, July, Aug.; Sept., Oct., Nov.

WIND DIRECTION AND VELOCITY
LAURIE I., SOUTH ORKNEYS (60°44'S, 44°39'W)

Apr. 1903, May; June, July, Aug.; Sept., Oct., Nov.; Dec., Jan.'04, Feb.

WIND DIRECTION & VELOCITY
COATS LAND (74°1'S, 22°W)

March 7-12 1904

WIND DIRECTION
"BELGICA" DRIFT
(69½°-71½°S, 80°-95°W)

March 1898, Apr., May; June, July, Aug.; Sept., Oct., Nov.; Dec., Jan.'99, Feb.

SHEET I
AMERICAN QUADRANT
First revision

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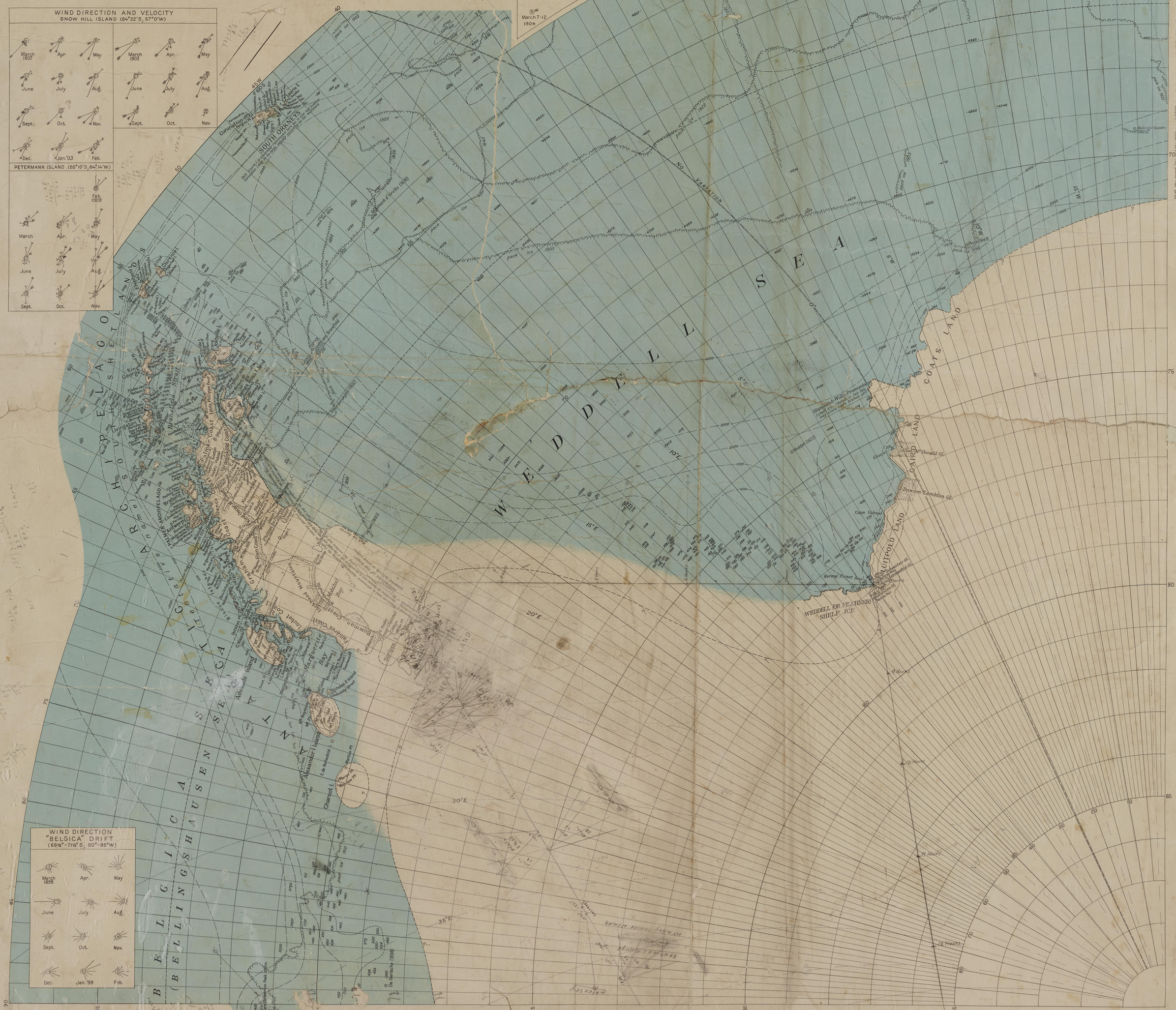
In fitting this revised quadrant to the original edition (1928) of the adjoining quadrants the necessary adjustments should be made on those quadrants (see margin)

Shift the coast line of the 1910m and 5000m sea bed contours in the 1928 edition of the African Quadrant, to conform with the assumption of land by Wild (Quest) in about 70°4'S and 17°E and with the new 4500m contour by the Meteor in 9°S and 8°E, so as to meet their revised positions as shown on this quadrant.



This projecting area replaces the corresponding area in the 1928 edition of the Pacific Quadrant