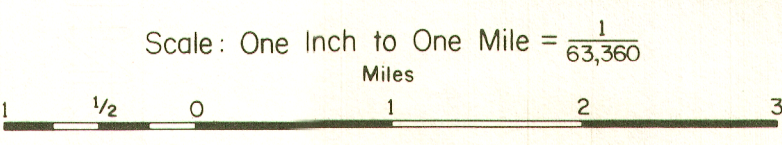


ISOMAGNETIC LINES (absolute total field)
500 gammas
100 gammas
50 gammas
Magnetic depression
Ship's track and bathymetric contours
in feet below sea-level

MAP 4874G
SCOTIAN SHELF
10 ^N/₁₁



The ship magnetometer survey was conducted between May and Oct. 1961, 1962, using a direct-reading proton free-precession magnetometer. The ship's position was controlled by Nova Scotia Decca Chain 7. The survey and subsequent compilation were carried out by personnel from the Geophysics Division, Geological Survey of Canada. Drafting by Spartan Air Services Ltd.

The magnetic contours drawn in red and bathymetric contours shown in grey were compiled from data recorded along the ship's track which is indicated by cross-ticks on the bathymetric contour. The bathymetric contours given in feet are obtained from echo-sounding records and depth calculations have been made assuming a velocity of sound in sea-water of 4,800 feet per second. The echo-sounding equipment was installed on a CHS ship which also carried out the magnetometer survey.