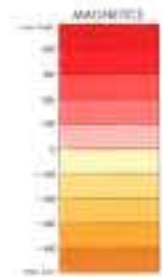


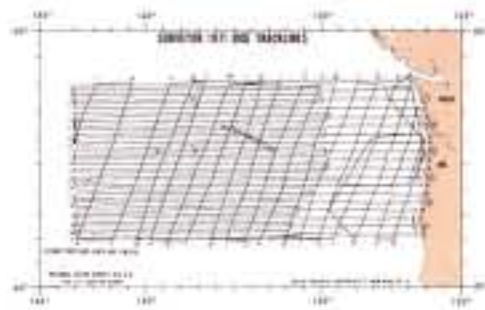
NOS 13242-12M



MAGNETIC LEGEND  
 CONTOUR INTERVAL 100 GAMMAS  
 ———— 0  
 ———— 9  
 ———— 18  
 ———— 27  
 ———— 36  
 ———— 45  
 ———— 54  
 ———— 63  
 ———— 72  
 ———— 81  
 ———— 90  
 ———— 99  
 ———— 108  
 ———— 117  
 ———— 126  
 ———— 135  
 ———— 144  
 ———— 153  
 ———— 162  
 ———— 171  
 ———— 180

**NOTES**  
 The magnetic data were obtained using a Farley prism portable magnetometer. The magnetic intensity data was derived using as a reference the International Geomagnetic Reference Field, Epoch 1975, on a 5' (1.6 km) grid. Coordinates were corrected for magnetic declination.  
 In order to bring the magnetic data into agreement with the 1975 U.S. & S. 1:500,000 survey observations as of 1975, IGRF needed to add 100 gamma and the 1975 IGRF FRONTSIDE survey 1847 and 1848, 1849, and 1850 were from a different regional field. It was necessary to make an adjustment to the IGRF. This adjustment was made by progressively lowering the IGRF from 1975 to 1970 in 10 gamma increments (10 gamma of latitude a gradient of approximately 1.25 gamma per degree). This also fits the IGRF north of 47°N, which was based on 180 gamma. The IGRF was not modified between 47°30' and 47°N.

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 NATIONAL OCEAN SURVEY  
 1974



LAMBERT CONFORMAL CONIC PROJECTION  
 Scale 1:1,000,000  
 (Standard Parallels 43° and 47°)

7A Magnetic anomaly number (based on Hecker et al. 1968)

1. Contours of magnetic data (if appropriate)  
 2. Contours of magnetic data (if appropriate)