



TRACK CHART

POSITIONS DETERMINED BY NAVIGATION SATELLITE.
THESE DATA WERE TAKEN WITH LA COSTE AND RÖMBERG
SEA GRAVITY METER S-53, FROM U.S.G.C. BURTON ISLAND.
THE 1974 GRAVITY VALUES ARE 8-12 MILLIGALS HIGHER
THAN THOSE OBTAINED BY THE U.S.G.S WITH THE SAME
METER IN THE BEAUFORT AND CHUKCHI SEAS IN 1972 AND
1973. THE DATUM SHIFT IS PROBABLY OWING TO A TARE
INTRODUCED BETWEEN THE BASE READING AT LONG BEACH,
CALIFORNIA AND THE OPERATING AREA.

FREE AIR GRAVITY ANOMALY PROFILES FROM THE CHUKCHI SEA

by
BYRON D. RUPPEL and A. GRAIG McHENDRIE
1975

POLARSTEROGRAPHIC PROJECTION
APPROXIMATE SCALE AT LAT 69°N
SCALE 1:1,000,000
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 Kilometers

U.S. GEOLOGICAL SURVEY OPEN FILE MAP
RELEASED WITHOUT EDITORIAL AND TECHNICAL
REVIEW FOR CONFORMITY TO U.S.G.S. STANDARDS