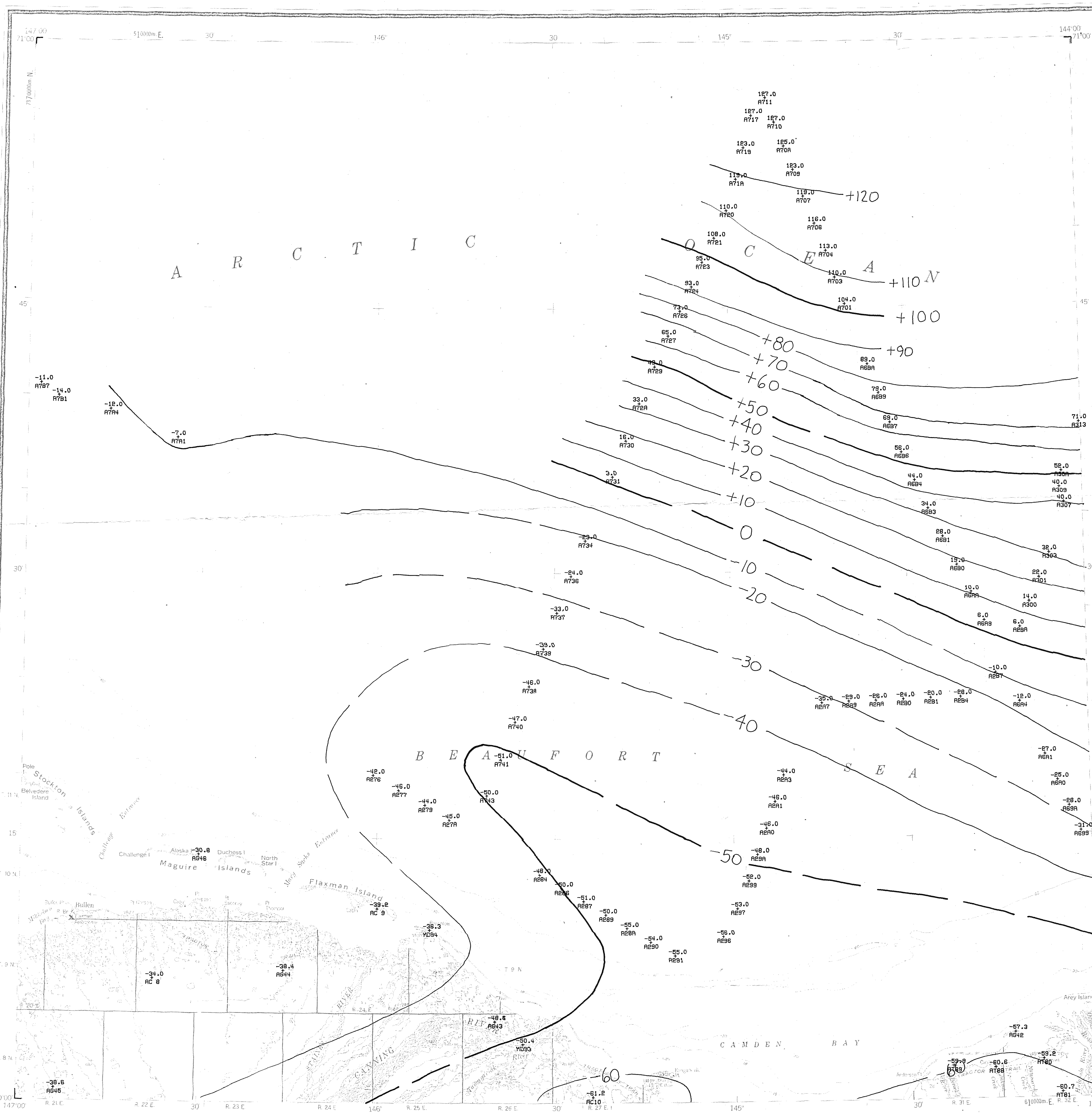
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FLAXMAN ISLAND

OPEN FILE REPORT 76-258



COMPILED, EDITED, AND PUBLISHED BY THE GEOLOGICAL SURVEY

THIS MAP IS PRELIMINARY AND HAS NOT BEEN REVIEWED FOR CONFORMITY WITH U S GEOLOGICAL SURVEY STANDARDS AND NOMENCLATURE.

GRAVITY SURVEYS 1960 TO 1975

GRAVITY INVESTIGATIONS PARTIALLY SUPPORTED BY ALASKA DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS AND US OFFICE OF NAVAL RESEARCH

DATA REDUCED WITH THE 1967 INTERNATIONAL ELLIPSOID

PLOT DATE: 1 /10/76

SIMPLE BOUGUER ANOMALY IN MILLIGALS

STATION LOCATION -20.6 A834

STATION IDENTIFICATION

GENERALIZED SIMPLE BOUGUER ANOMALY CONTOURS, DASHED WHERE POORLY CONTROLLED, AND SMOOTHED TO AVOID DISCREPANCIES CAUSED BY LOCAL TERRAIN
CONTOUR INTERVAL: 10 MILLIGALS

SCALE 1:250000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

FLAXMAN ISLAND GRAVITY DATA

BY DAVID F BARNES, BYRON D RUPPEL, AND STEPHEN L ROBBINS
U S GEOLOGICAL SURVEY
1976

LOCATION INDEX

BEECHEY POINT	FLAXMAN ISLAND	BARTER ISLAND
SAGAVANIRKTOK	MT MICHELSON	DEMARCATION POINT

GRAVITY DATUM FROM: BARNES, D.F., US GEOLOGICAL SURVEY OPEN FILE REPORTS, 1968 & 1972, ADJUSTED TO THE 1971 INTERNATIONAL GRAVITY NET (IGSN 71)

SIMPLE BOUGUER ANOMALY BASED ON A DENSITY OF 2670 KILOGRAMS PER CUBIC METRE

SHEET 2 OF 4