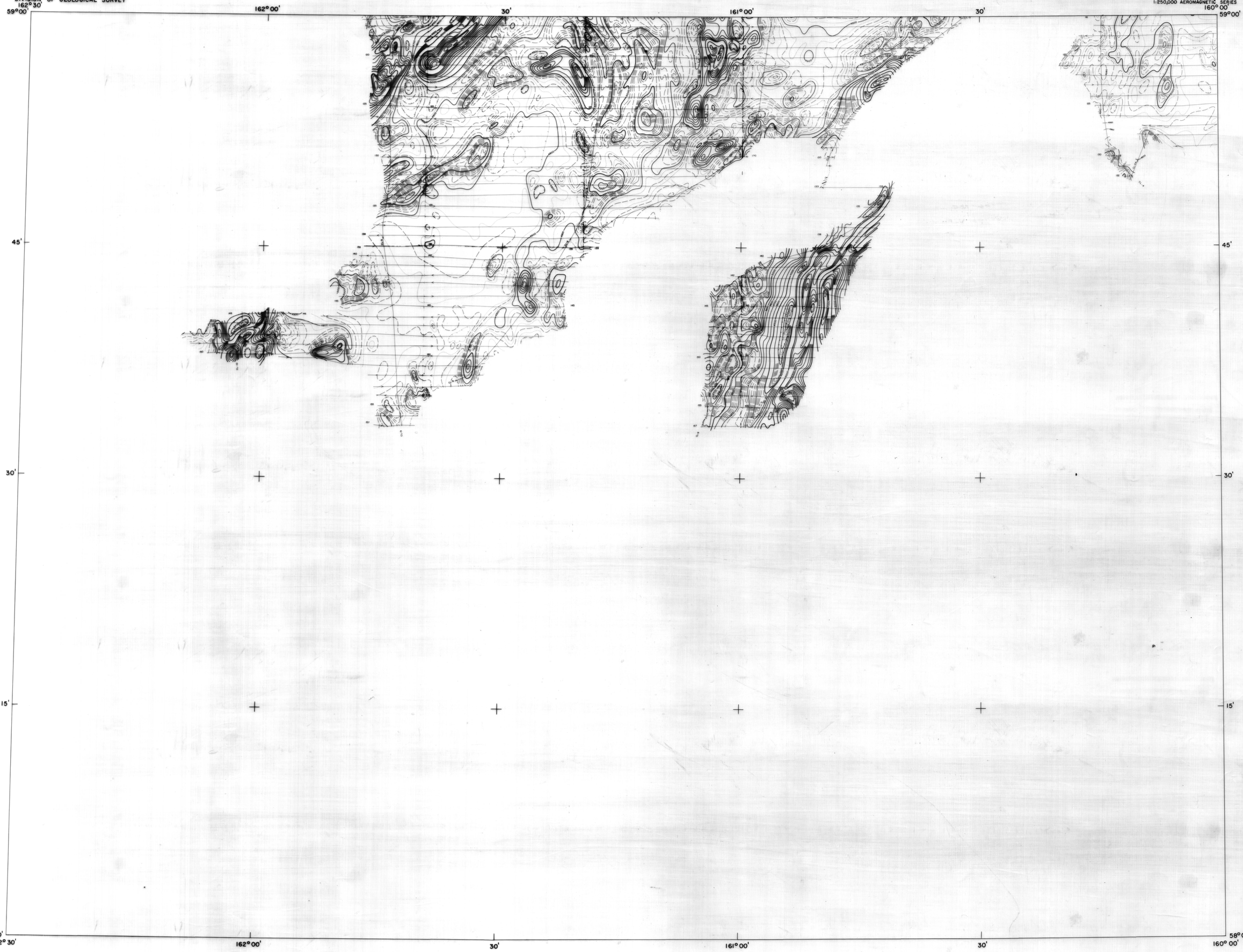
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY

HAGEMEISTER ISLAND QUADRANGLE
ALASKA
1:250,000 AEROMAGNETIC SERIES



10 GAMMA CONTOUR
20 GAMMA CONTOUR
100 GAMMA CONTOUR
500 GAMMA CONTOUR
MAGNETIC LOW
4-/ FLIGHT LINE AND DIRECTION

FLIGHT LINE SPACING 3/4 MILES
FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND
REGIONAL MAGNETIC FIELD SHEET CENTER 53,252
REGIONAL FIELD REMOVED THE FIELD INCREASES
APPROXIMATELY 7.0 GAMMAS/MILE, N 29° E
APPROXIMATE FIELD INCLINATION: + 70.9°

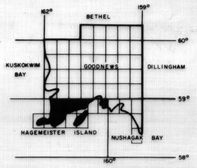
SCALE 1:250000

5 0 5 10 15 20 25 MILES

AEROMAGNETIC SURVEY
GOODNEWS AREA
HAGEMEISTER ISLAND, ALASKA

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY
NORMAN J. VEACH, GEOPHYSICIST

Copies of this map may by obtained from
The Division at Box 80007, College, Alaska



HAGEMEISTER ISLAND, ALASKA
AEROMAGNETIC SERIES

The magnetic contours shown on this map represent the total anomalous magnetic field of the earth. Variations in this field are caused by the variable magnetic character of rock units crossed by the survey flights, and hence, can be used to estimate the apparent location of rocks rich in magnetic minerals. Such rock units may be either at the surface of the ground or buried beneath it. Anomalies show both positive and negative variations depending on the shape, attitude, and constituents of local rocks. Geophysical interpretation will be helpful in determining boundaries or depth of burial of anomaly- causing rock units. Some anomalies may be impossible to interpret without further geologic information. Basic profile data is retained at the Division of Geological Survey and should be consulted for detailed analysis.

Contract specifications written in consultation with United States Geological Survey.

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AOF-16