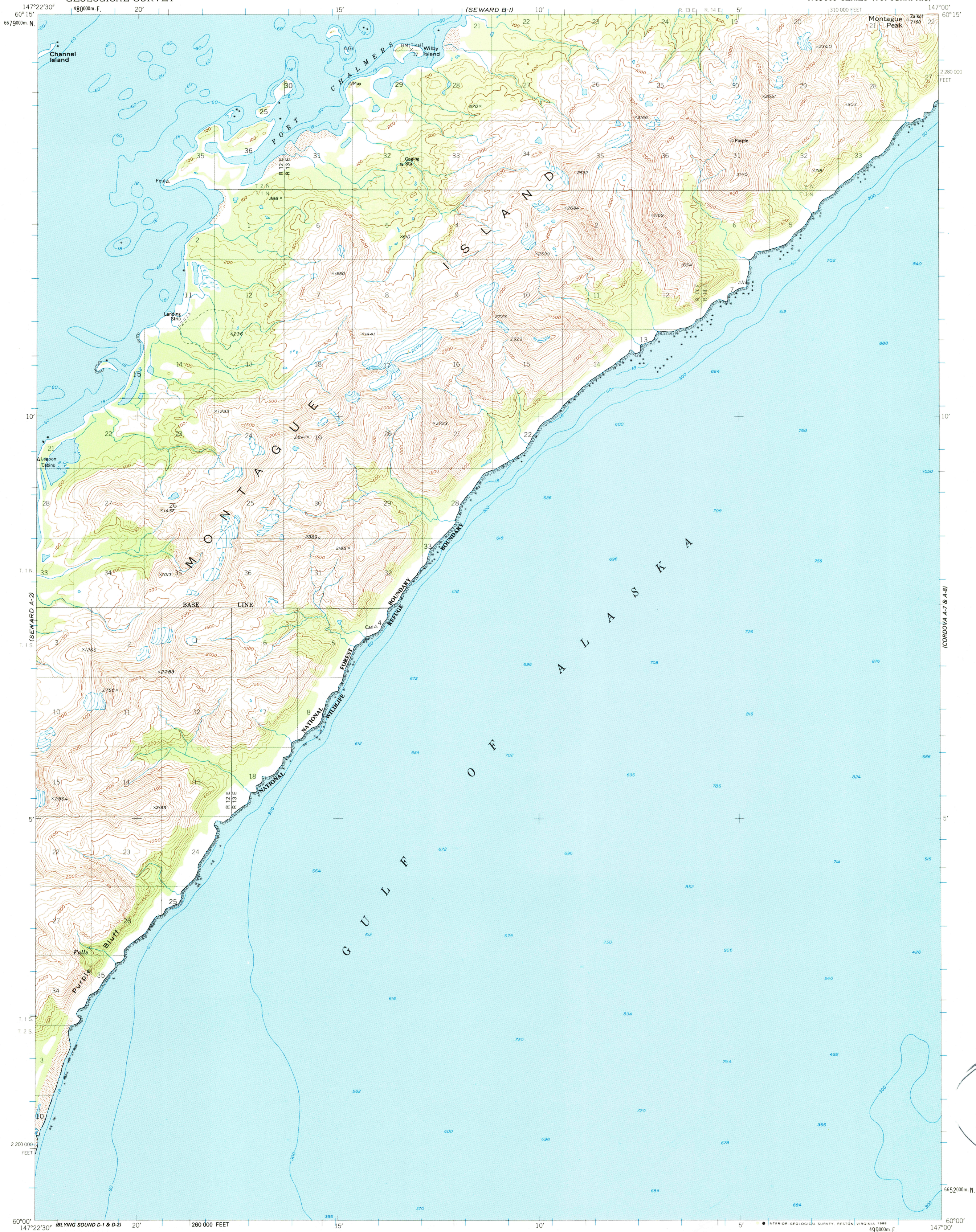


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SEWARD (A-1) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)



USGS NMD HISTORICAL MAP

OCT 28 1988

REC'D FILE COPY

Maped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA and USCE

Topography by photogrammetric methods from aerial photographs
taken 1951, field annotated 1951. Map not field checked
Revised from aerial photographs taken 1983
Map edited 1988

Selected hydrographic data compiled from NOS/NOAA
Charts 16701 (1983), 16709 (1980), and 16700 (1983)
This information is not intended for navigational purposes

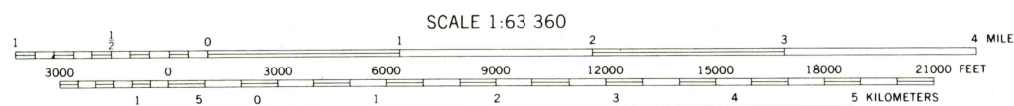
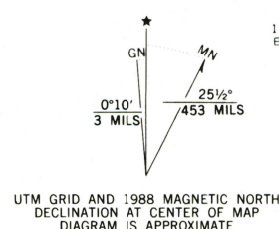
Projection and 1000-meter grid ticks shown in blue:
Universal Transverse Mercator, zone 6
10,000-foot grid ticks based on Alaska coordinate
system, zone 3. 1927 North American Datum

To place on the predicted North American Datum 1983 move
the projection lines 62 meters north and 116 meters east

Gray land lines represent unsurveyed and unmarked locations
predetermined by the Bureau of Land Management
Folios S-14 and S-15, Seward Meridian

Swamps, as portrayed, indicate only the wetter areas,
usually of low relief, as interpreted from aerial photographs

The Alaska Maritime National Wildlife Refuge consists of
all the public lands in the coastal waters and adjacent
seas of Alaska consisting of islands, islets, rocks, reefs,
capes and spires, as well as designated mainland areas



CONTOUR INTERVAL 100 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 9 FEET

FOR SALE BY U. S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Federal reservation boundaries established by The Alaska National
Interest Lands Conservation Act, PL-96-487, Dec. 2, 1980, are
shown as compiled by the administering agencies

Entire land area is within the Chugach National Forest
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

ROAD CLASSIFICATION
Trails

SEWARD (A-1), ALASKA
60147-A1-TF-063

1951
LIMITED REVISION 1988