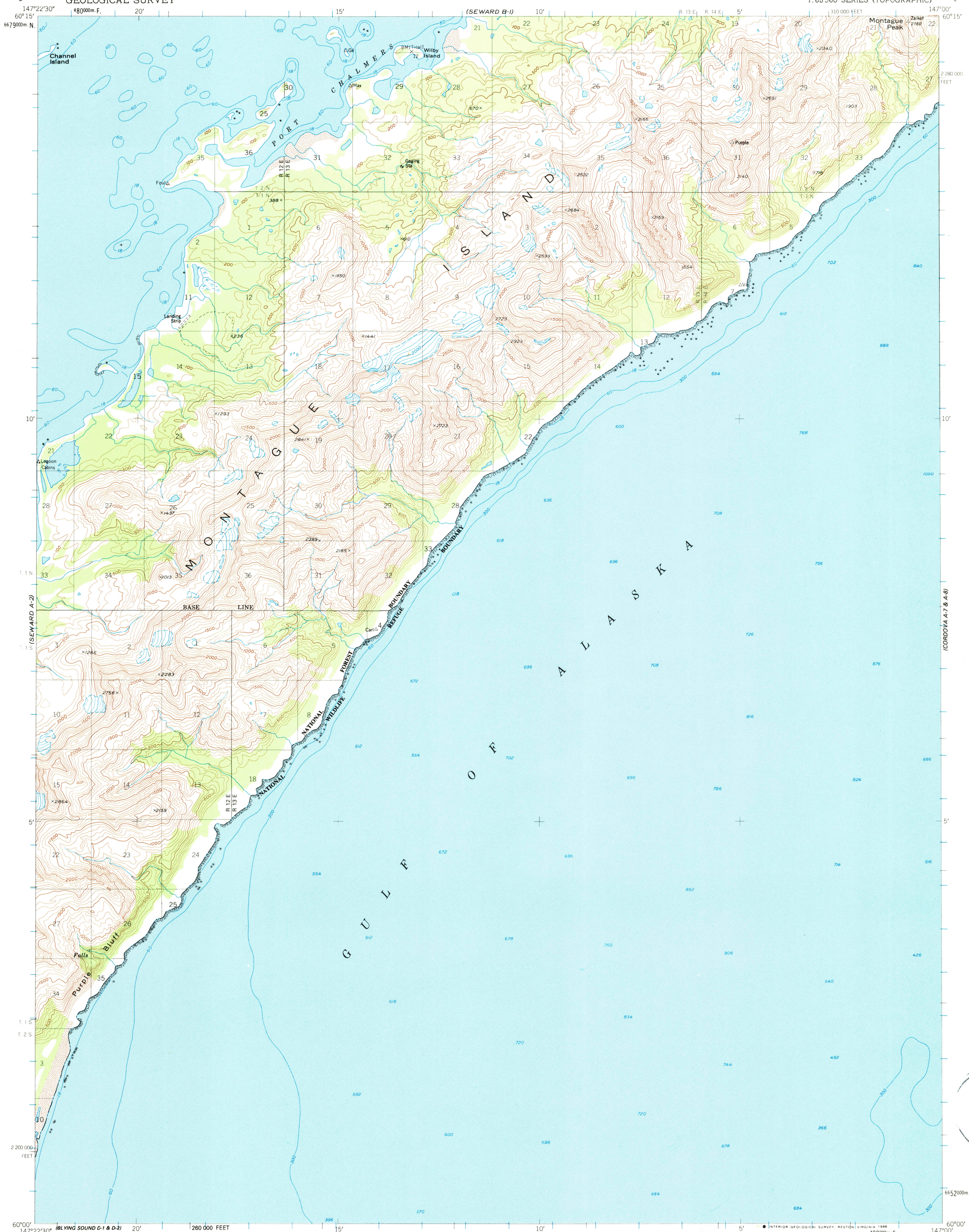


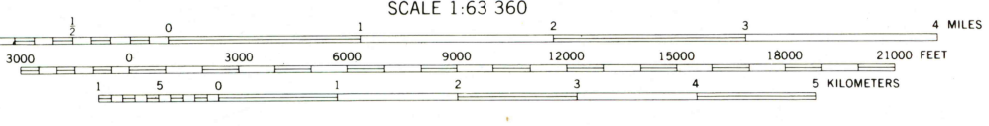
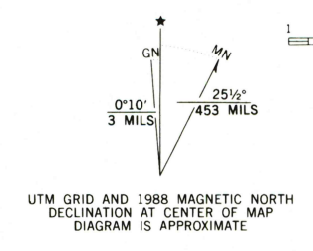
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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



USGS NMD HISTORICAL MAP  
OCT 23 1988  
REC'D FILE COPY

Mapped, 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



SEWARD (A-1), ALASKA  
60147-A1-TF-063  
1951  
LIMITED REVISION 1988

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