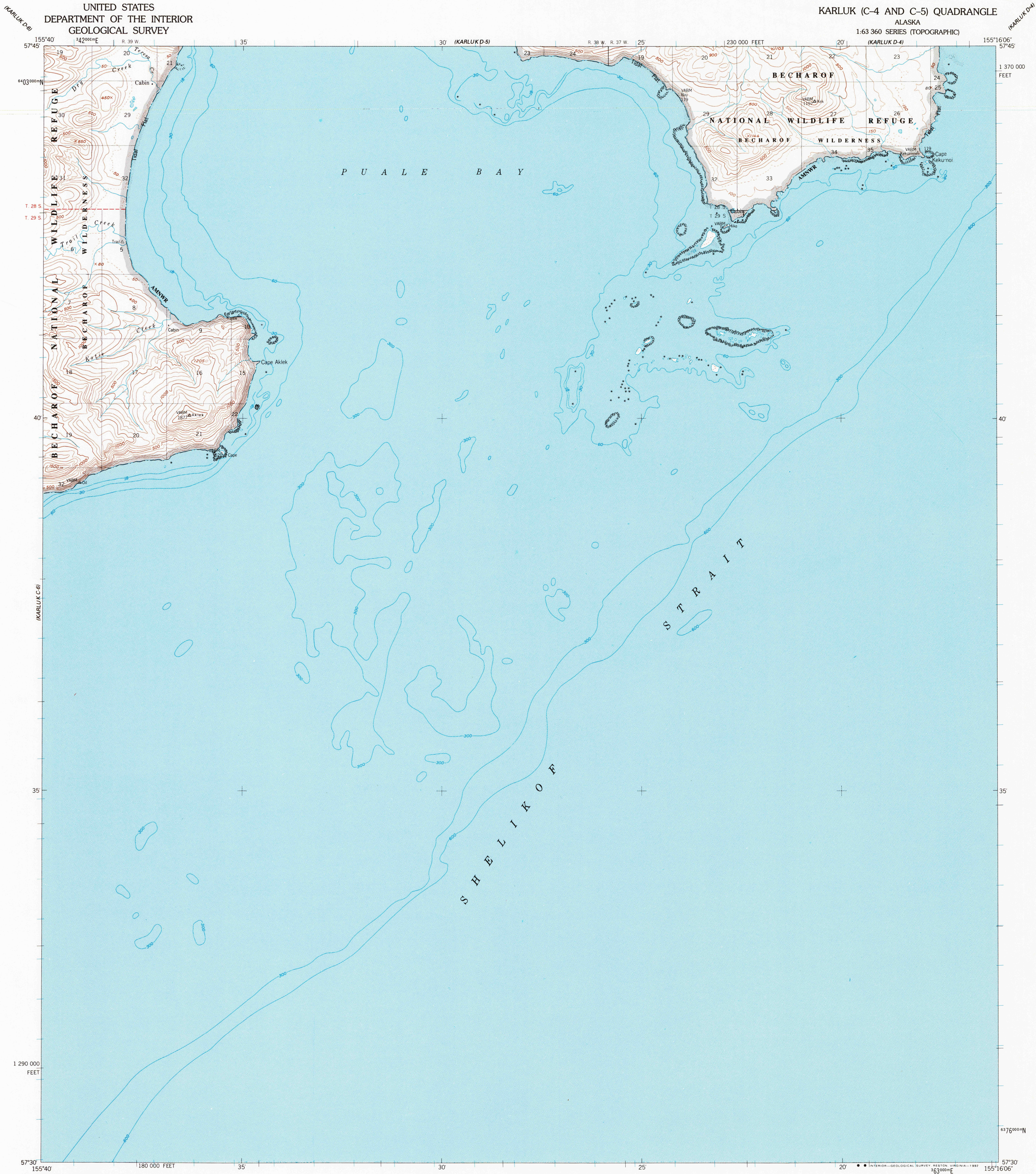
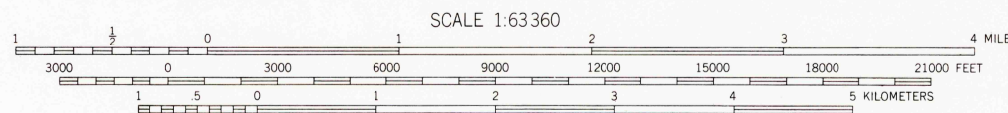
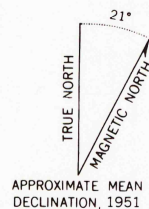




Mapped, edited and published by the Geological Survey  
Control by NOS/NOAA and USCE  
Topography by photogrammetric methods from aerial photographs taken 1951. Map not field checked.  
Selected hydrographic data compiled from NOS/NOAA charts 16579 and 16580 (1:350,000 Scale)  
This information is not intended for navigational purposes  
Projection and 1000-meter grid ticks shown in blue:  
Universal Transverse Mercator, zone 5  
10,000-foot grid ticks based on Alaska coordinate system, zone 5, 1927 North American Datum  
The difference between 1927 North American Datum and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1875  
Gray land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management  
Folio S-22, Seward Meridian  
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  
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

There may be private inholdings within the boundaries of the National or State reservations shown on this map



CONTOUR INTERVAL 100 FEET  
DASHED LINES REPRESENT 50-FOOT CONTOURS  
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 10 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



KARLUK (C-4 AND C-5), ALASKA  
57155-E3-TF-063  
1971  
LIMITED REVISION 1980

ROAD CLASSIFICATION  
No roads or trails in this area