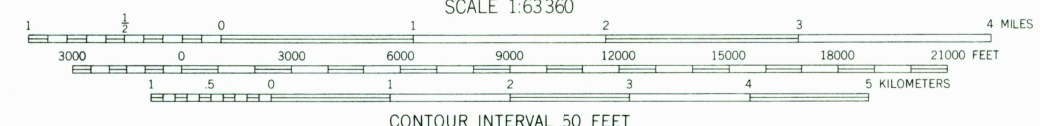
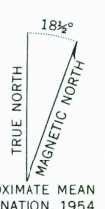


USGS NHD HISTORICAL MAP  
MAR 13 1990  
REC'D FILE COPY

Mapped by the Defense Mapping Agency  
Edited, and published by the Geological Survey  
Control by NOS/NOAA and USCE  
Topography by photogrammetric methods from aerial photographs  
taken 1957. Field annotated 1954. Map not field checked  
Projection and 1000-meter grid ticks shown in blue:  
Universal Transverse Mercator, zone 4  
10,000-foot grid ticks based on Alaska coordinate  
system, zone 7, 1927 North American Datum  
To place on the predicted North American Datum 1983 move  
the projection lines 90 meters north and 131 meters east  
Land lines represent unsurveyed and unmarked locations  
predetermined by the Bureau of Land Management  
Folio S-20, Seward Meridian  
Swamps, as portrayed, indicate only the wetter areas,  
usually of low relief, as interpreted from aerial photographs  
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  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map



CONTOUR INTERVAL 50 FEET  
DOTTED LINES REPRESENT 25 FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 4 FEET



ROAD CLASSIFICATION  
Trails

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

GOODNEWS BAY (A-7) ALASKA  
N5900-W16115-15X22.5  
1954  
MINOR REVISIONS 1984