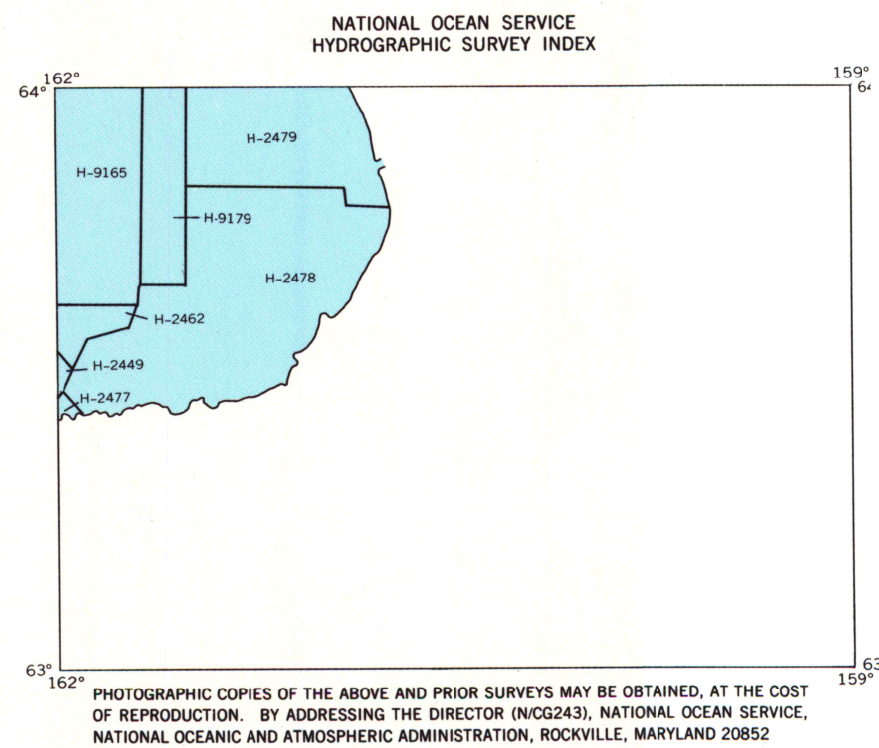
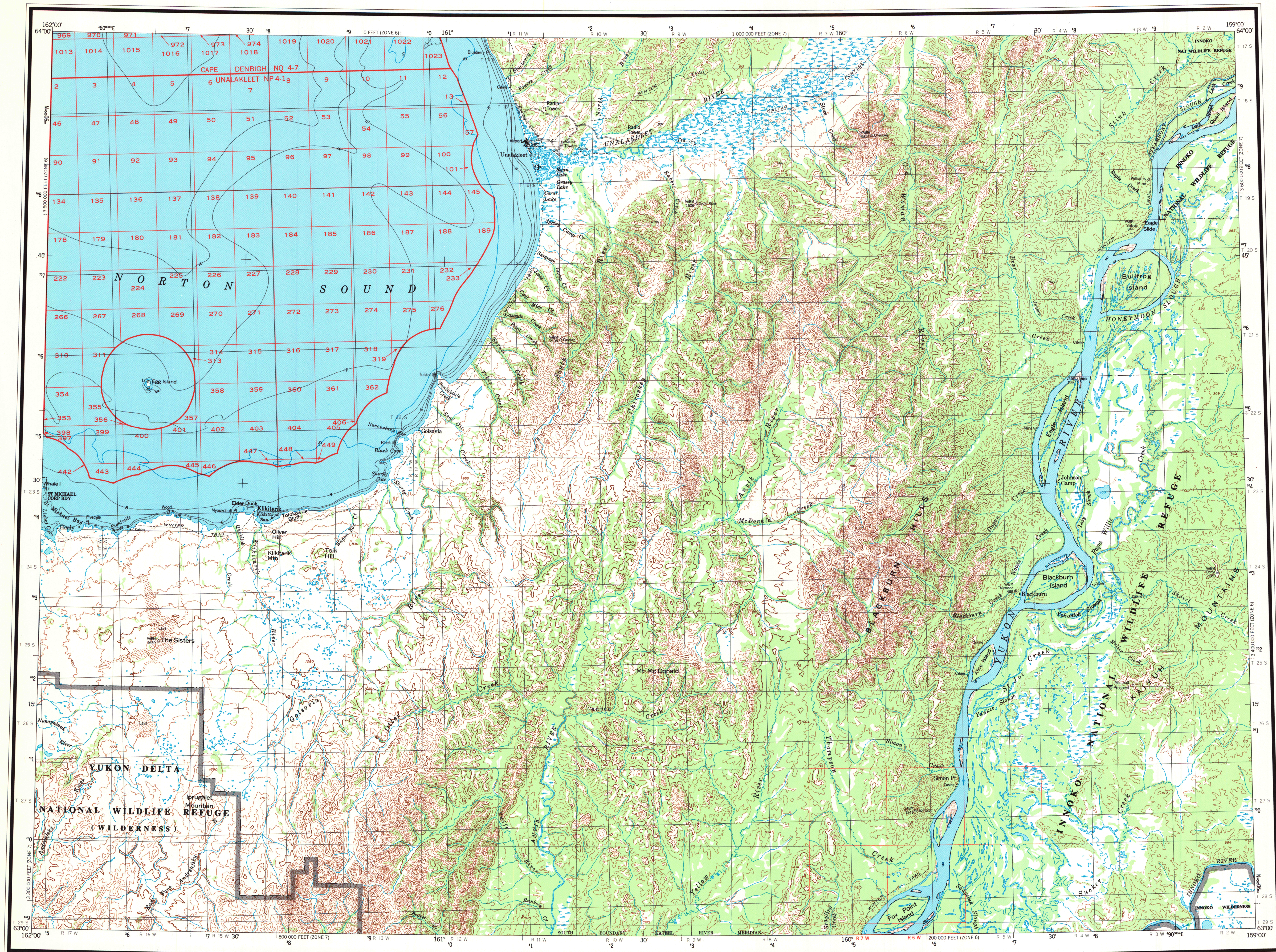
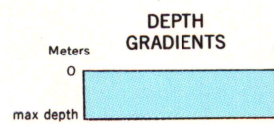




NATIONAL OCEAN SERVICE
HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-2449	1899	1:80,000	14-6.0
H-2462	1899	1:200,000	24-14.6
H-2477	1900	1:20,000	20-2.4
H-2478	1900	1:80,000	14-12.1
H-2479	1900	1:80,000	14-8.3
H-9165	1970	1:100,000	3.1-8.6
H-9179	1970	1:250,000	2.6-15.5

BATHYMETRY COMPILED IN 1958 BY NATIONAL OCEAN SERVICE, BATHYMETRY WAS COMPILED FROM NOS HYDROGRAPHIC SURVEYS (SEE INDEX). BATHYMETRY SURVEY DATA COMPLY WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEY. THIS INFORMATION IS NOT INTENDED FOR NAVIGATION PURPOSES



CONVERSION TABLE

Meters	Feet	Feet	Meters
1	3.2808	1	3.048
2	6.5617	2	6.096
3	9.8425	3	9.144
4	13.1234	4	12.192
5	16.4042	5	15.240
6	19.6850	6	18.288
7	22.9659	7	21.336
8	26.2467	8	24.384
9	29.5276	9	27.432
10	32.8084	10	30.480

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

MAPPED, EDITED, AND PUBLISHED BY THE GEOLOGICAL SURVEY
CONTROL BY NOS/NOAA AND USCE

COMPILED IN 1958 FROM DEFENSE MAPPING AGENCY 1:50,000-SCALE MAPS, SURVEYED 1952. MAP NOT FIELD CHECKED

PROJECTION AND 10,000-METER GRID
UNIVERSAL TRANSVERSE MERCATOR, ZONE 4
100,000-FOOT GRID TICS BASED ON ALASKA COORDINATE SYSTEM, ZONES 7 AND 6
1927 NORTH AMERICAN DATUM. TO PLACE ON THE PREDICTED NORTH
AMERICAN DATUM 1983 MOVE THE PROJECTION LINES 80 METERS NORTH
AND 128 METERS EAST

GRAY LAND LINES REPRESENT UNSURVEYED AND UNMARKED LOCATIONS
PREDETERMINED BY THE BUREAU OF LAND MANAGEMENT
FOLIOS K-16 AND K-17, KATEL RIVER MERIDIAN

SWAMPS, AS PORTRAYED, INDICATE ONLY THE WETTER AREAS,
USUALLY OF LOW RELIEF, AS INTERPRETED FROM AERIAL PHOTOGRAPHS

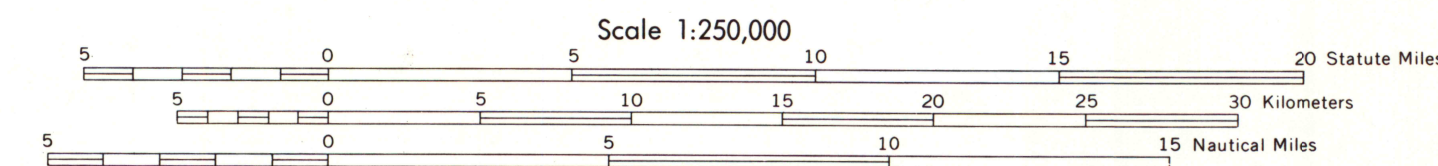
FEDERAL RESERVATION BOUNDARIES ESTABLISHED BY THE ALASKA NATIONAL
INTEREST LANDS CONSERVATION ACT, PL 96-487, DEC. 2, 1980 ARE SHOWN AS
COMPILED BY THE ADMINISTERING AGENCIES

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

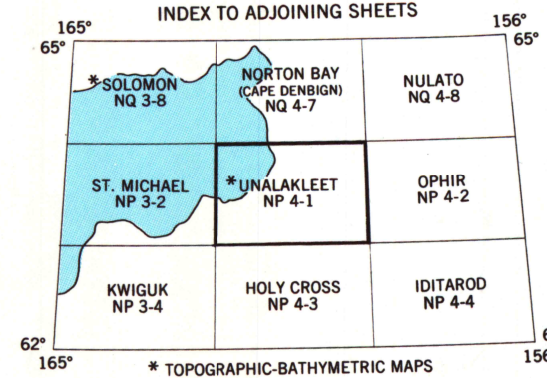
THERE MAY BE PRIVATE INHOLDINGS WITHIN THE BOUNDARIES OF
THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP

OFFSHORE PROTECTION SURVEY DATA, PRINTED IN RED, FURNISHED BY THE
MINERALS MANAGEMENT SERVICE. HEAVY LINES INDICATE LIMITS OF
MMS OUTER CONTINENTAL SHELF OFFICIAL PROTECTION DIAGRAMS
DATED DEC. 13, 1976 AND FEB. 3, 1977

THE PROTECTIONS ON THIS MAP ARE NOT FOR FEDERAL LEASING PURPOSES;
FOR SUCH PURPOSES, REFER TO THE OCS OFFICIAL
PROTECTION DIAGRAMS AVAILABLE FROM MINERALS MANAGEMENT SERVICE



CONTOUR INTERVAL 200 FEET
DASHED LINES REPRESENT 100-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 10 METERS TO MAXIMUM DEPTH
SUPPLEMENTED BY 2 METER INTERVALS
DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
1986 MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET VARIES FROM 18°30' TO 20°30' EAST
FOR SALE BY THE U.S. GEOLOGICAL SURVEY, FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092 AND BY NATIONAL OCEAN SERVICE, RIVERDALE, MARYLAND 20737
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE UPON REQUEST



ROAD CLASSIFICATION
LIGHT DUTY UNIMPROVED DIRT =====
STATE ROUTE
DEC 7 1987 UNALAKLEET, ALASKA
63159-A1-TB-250
1952
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