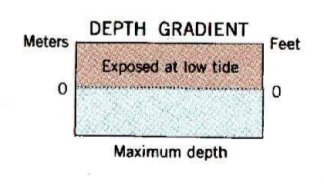
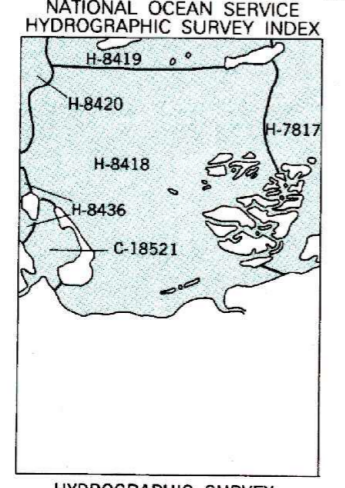


Feet	Meters
1	3048
2	6096
3	9144
4	12192
5	15240
6	18288
7	21336
8	24384
9	27432
10	30480

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

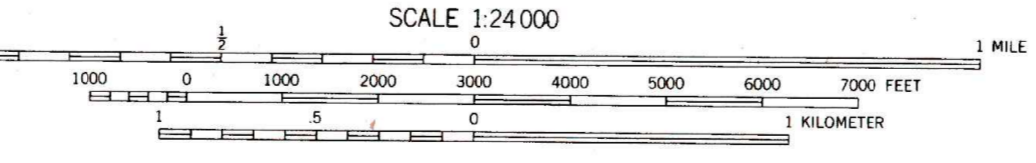


Mapped by the Defense Mapping Agency and the National Ocean Service
Published for civil use by the Geological Survey
Control by NOS/NAO and USCE
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1943. Field checked 1949
Bathymetry compiled by the National Ocean Service from
tide-coordinated hydrographic surveys. This information
is not intended for navigational purposes
Mean low water (dotted) line and mean high water (heavy solid)
line compiled by NOS from tide-coordinated aerial photographs
Apparent shoreline (outer edge of vegetation) shown by
light solid line
Polyconic projection. 1927 North American Datum
10,000-foot grid based on Oregon coordinate system
north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue
To place on the predicted North American Datum 1983
move the projection lines 24 meters north and
96 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of
National or State reservations shown on this map
Dashed land lines indicate approximate locations
Revisions shown in purple compiled by the Geological Survey
from aerial photographs taken 1961 and other sources
This information not field checked. Map edited 1984



SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-7817	1950	1:20,000	.02-15
H-8418	1958	1:10,000	.02-12
H-8419	1958	1:10,000	.01-11
H-8420	1958	1:10,000	.01-12
H-8436	1958	1:5,000	.01-05

NOS CHART 18521 MARCH 27, 1982 1:40,000



CONTOUR INTERVAL 50 FEET
DASHED LINES REPRESENT 25 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY
1 METER CONTOURS - DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.4 METERS



ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U. S. Route
State Route

CATHLAMET BAY, OREG.
NW 1/4 SVENSEN 15' QUADRANGLE
46123-B6-TB-024

1949
PHOTOREVISED 1984
BATHYMETRY ADDED 1984
DMA 1276 II NW - SERIES V892

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC
ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS
AND/OR STANDARDS USED AT THE DATE OF THE SURVEY
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225,
OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

