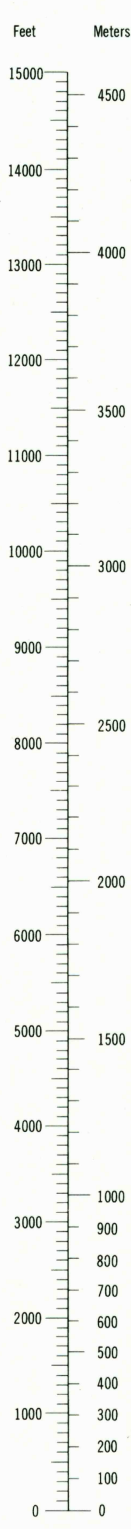
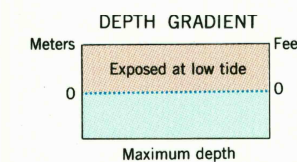


CONVERSION  
SCALES

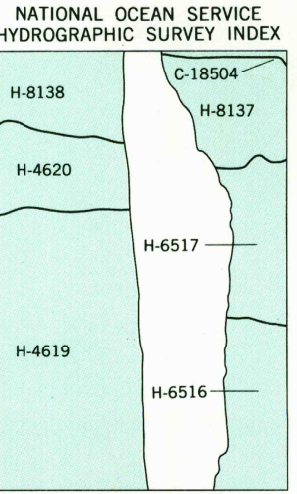


| Feet | Meters |
|------|--------|
| 1    | 3048   |
| 2    | 6096   |
| 3    | 9144   |
| 4    | 12192  |
| 5    | 15240  |
| 6    | 18288  |
| 7    | 21336  |
| 8    | 24384  |
| 9    | 27432  |
| 10   | 30480  |

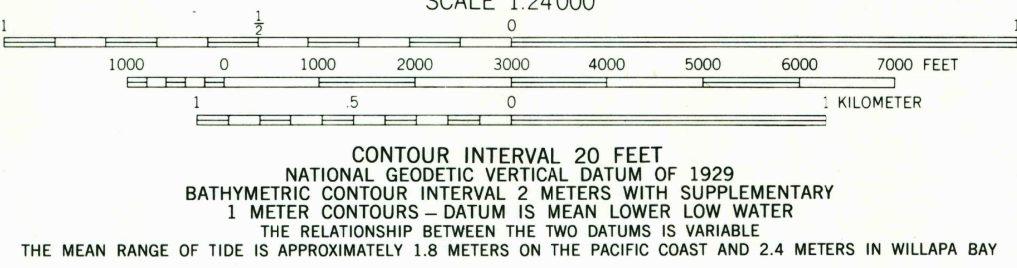
To convert feet to meters  
multiply by 3.048  
To convert meters to feet  
multiply by 3.2808



Mapped by the National Ocean Service  
Edited and published by the Geological Survey  
Control by NOS/NOAA  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1950. Field checked 1957  
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 Washington coordinate system, south 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 25 meters north and  
97 meters east as shown by dashed corner ticks  
There may be private inholdings within the boundaries of the  
National or State reservations shown on this map  
Dashed lines indicate approximate locations  
Revisions shown in purple compiled by the Geological Survey  
from aerial photographs taken 1981 and other sources  
This information not field checked. Map edited 1984

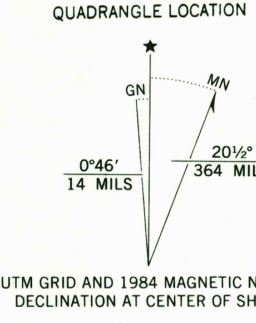


| SURVEY<br>NUMBER | SURVEY<br>DATE | SURVEY<br>SCALE | SURVEY<br>LINE SPACING<br>(NAUT. MILES) |
|------------------|----------------|-----------------|---|
| H-4619           | 1926           | 1:20,000        | 02-23                                   |
| H-4620           | 1926           | 1:20,000        | 04-22                                   |
| H-4616           | 1939           | 1:10,000        | 01-09                                   |
| H-6017           | 1939           | 1:10,000        | 02-12                                   |
| H-8137           | 1954           | 1:10,000        | 03-08                                   |
| H-8138           | 1954           | 1:15,000        | 02-15                                   |
| NOS CHART 18504  | AUGUST 7, 1982 | 1:40,000        |   |



CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY  
1 METER CONTOURS - DATUM IS MEAN LOWER LOW WATER  
AND/OR STANDARDS USED AT THE DATE OF THE SURVEY  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1.8 METERS ON THE PACIFIC COAST AND 2.4 METERS IN WILLAPA BAY

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



ROAD CLASSIFICATION  
Medium-duty ——— Light-duty ———  
Unimproved dirt - - - - -

OYSTERVILLE, WASH.  
46124-E1-TB-024  
1957  
PHOTOREVISED 1984  
BATHYMETRY ADDED 1984  
DMA 1177 II SE - SERIES V891

