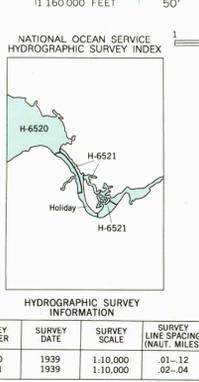


Mapped, edited, and published by the Geological Survey and the National Ocean Service
Control by NOS/NOAA and USCE
Topography by photogrammetric methods from aerial photographs taken 1951. Field checked 1957
Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. 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 24 meters north and 96 meters east as shown by dashed corner ticks
Red tint indicates areas in which only landmark buildings are shown
Revisions shown in purple in this map were compiled by the Geological Survey from aerial photographs taken 1981 and other sources
This information not field checked. Map edited 1984



CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT 20 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

- Medium-duty
- Light-duty
- Unimproved dirt
- U.S. Route
- State Route

QUADRANGLE LOCATION

WASHINGTON

UTM GRID AND 1984 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

SOUTH BEND, WASH.
NE4 SOUTH BEND 15' QUADRANGLE
46123-F7-TB-024

1957
PHOTOREVISED 1984
BATHYMETRY ADDED 1984
DMA 1277 III NE - SERIES V861

