



Mapped, edited, and published by the Geological Survey and the National Ocean Survey
 Control by USGS, NOS/NOAA, and USCE
 Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1966
 Bathymetry compiled by the National Ocean Survey 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. 10,000-foot grid ticks based on Virginia coordinate system, north zone, and Maryland coordinate system
 1000-meter Universal Transverse Mercator grid, zone 18 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 26 meters west as shown by dashed corner ticks
 Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked
 Revisions shown in purple and woodland compiled in cooperation with Commonwealth of Virginia agencies from aerial photographs taken 1977 and other sources. This information not field checked. Map edited 1979
 Map photoinspected 1982
 No major culture or drainage changes observed

NATIONAL OCEAN SURVEY HYDROGRAPHIC SURVEY INDEX

Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Stat. Miles)
H-9301	1972	1:10,000	.01-.06

SCALE 1:24,000

CONTOUR INTERVAL 10 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY 0.5 METER CONTOURS-DATUM IS MEAN LOW WATER
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.4 METER

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
 NATIONAL OCEAN SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
 NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
 AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
State Route	

QUADRANGLE LOCATION

PASSAPATANZY, VA. - MD.
 38077-C3-TB-024
 1966-BATHYMETRY ADDED 1982
 PHOTOREVISED 1979
 PHOTOINSPECTED 1982
 DMA 5560 1 SE - SERIES V834

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET