



CONVERSION SCALES

Feet    Meters

15000    4500

14000    4000

13000    3500

12000    3000

11000    2500

10000    2000

9000    1500

8000    1000

7000    900

6000    800

5000    700

4000    600

3000    500

2000    400

1000    300

0    0

Feet    Meters

1    3048

2    6096

3    9144

4    12192

5    15240

6    18288

7    21336

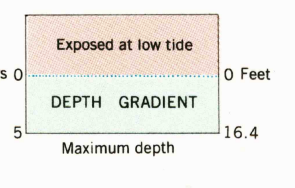
8    24384

9    27432

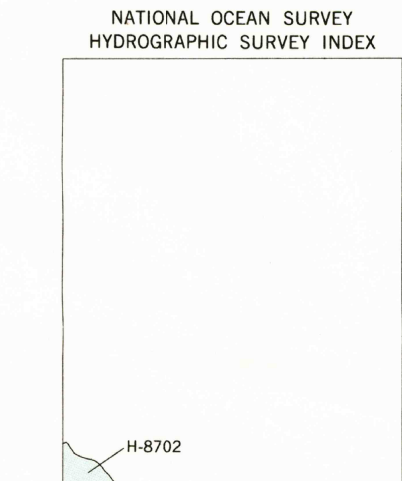
10    30480

To convert feet to meters multiply by .3048

To convert meters to feet multiply by 3.2808



Maped by the Corps of Engineers, U. S. Army  
Edited and published by the Geological Survey  
and the National Ocean Survey  
Control by USGS and NOS/NOAA  
Culture and drainage in part compiled from aerial photographs  
Topography by plane-table surveys 1943. Culture revised by  
the Geological Survey 1953.  
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  
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 27 meters  
west as shown by dashed corner ticks  
Revisions shown in purple compiled by the Geological  
Survey from aerial photographs taken 1974 and other  
sources. This information not field checked. Map edited 1974



HYDROGRAPHIC SURVEY INFORMATION			
Survey Number	Survey Date	Survey Scale	Survey Line spacing (Naut. Miles)
H-8702	1961-62	1:10,000	.01-.05

SCALE 1:24,000

CONTOUR INTERVAL 20 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 0.5 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  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
AND NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Heavy-duty    4 LANE 6 LANE    Light-duty

Medium-duty    4 LANE 6 LANE    Unimproved dirt

U. S. Route    State Route

QUADRANGLE LOCATION

CHARLOTTE HALL, MD.

38076-07-TB-024

1953  
PHOTOREVISED 1974  
BATHYMETRY ADDED 1982  
DMA 5660 IV NE-SERIES V835

UTM GRID AND 1974 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

OCT 13 1982