

SCALE 1:40,000
Nautical Miles
Yards
Meters

THE NATIONAL CHARTMAKER SINCE 1807
UNITED STATES - EAST COAST
MARYLAND
CHOPTANK RIVER
CAMBRIDGE TO GREENSBORO

Mercator Projection
Scale 1:40,000 at Lat. 38° 44'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov

TIDAL INFORMATION

NAME	PLACE	Height related to datum of soundings (MLLW)	Mean High Water	High Water	Mean Low Water	Low Water
Cambridge	(38°34' N 76°04' W)	2.0	1.8	0.2		

ABBREVIATIONS (For complete list of symbols and abbreviations, see Chart No. 1)
Note: In navigation signs with cross reference indicated:

ABSC	aberration	G	green	M	moose code	R	RR	radio tower
A	air	W	white	Y	yellow			
B	buoy	BL	black	OR	orange	RD	red	red buoy
C	cable	CR	cross	GR	green	OR	orange	orange buoy
D	depth	DR	depth	GR	green	OR	orange	orange buoy
E	ebb	GR	green	OR	orange	RD	red	red buoy
F	float	GR	green	OR	orange	RD	red	red buoy
G	green	GR	green	OR	orange	RD	red	red buoy
H	height	GR	green	OR	orange	RD	red	red buoy
I	island	GR	green	OR	orange	RD	red	red buoy
J	jetty	GR	green	OR	orange	RD	red	red buoy
K	keel	GR	green	OR	orange	RD	red	red buoy
L	light	GR	green	OR	orange	RD	red	red buoy
M	mark	GR	green	OR	orange	RD	red	red buoy
N	navigational	GR	green	OR	orange	RD	red	red buoy
O	obstruction	GR	green	OR	orange	RD	red	red buoy
P	point	GR	green	OR	orange	RD	red	red buoy
Q	quarry	GR	green	OR	orange	RD	red	red buoy
R	radio	GR	green	OR	orange	RD	red	red buoy
S	soundings	GR	green	OR	orange	RD	red	red buoy
T	tower	GR	green	OR	orange	RD	red	red buoy
U	unidentified	GR	green	OR	orange	RD	red	red buoy
V	vessel	GR	green	OR	orange	RD	red	red buoy
W	water	GR	green	OR	orange	RD	red	red buoy
X	unknown	GR	green	OR	orange	RD	red	red buoy
Y	yellow	GR	green	OR	orange	RD	red	red buoy
Z	zodiac	GR	green	OR	orange	RD	red	red buoy

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1983 must be corrected an average of 0.415' northward and 1.221' eastward to agree with the chart.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 3 for important supplemental information.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 3. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 6th Coast Guard District in Portsmouth, Virginia or at the Office of the District Engineer, Corps of Engineers in Baltimore, Maryland. Refer to charted regulation section numbers.

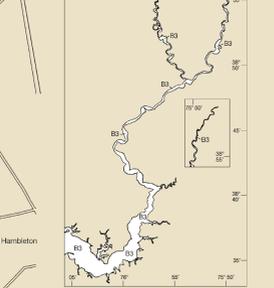
CAUTION
Submarine pipelines and cables
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:
Pipeline Area
Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be marked and those that were originally buried may have become exposed. Mariners should exercise caution when operating vessels in depths of water corresponding to these areas in order to avoid these pipelines and cables that may exist, and when anchoring, dredging, or trawling. Covered wells may be marked by lighted or unlighted buoys.

SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been available for charting. Surveys have been conducted in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE

83	1940-1969	NOCS	Surveys	partial bottom coverage
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HEIGHTS
Heights in feet above Mean High Water

AUTHORITY
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, and U.S. Coast Guard.

OSTERACULATURE
Oyster bed aquaculture leases may be located within the limits of this chart. Mariners are cautioned that numerous markers may exist and extensive may be added in the area. Caution should be exercised when navigating in or near these areas, not to anchor or ground, in order to avoid damage to the beds. Depths may be shallower than the soundings shown. For more information, contact the local department of natural resources.

CAUTION
Maidens are warned to stay clear of the protective riprap surrounding navigational light structures shown on this chart.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION
During some winter months or when endangered by low, certain aids to navigation are reduced by other types or removed. For details see U.S. Coast Guard Light List.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

SMALL CRAFT WARNINGS
During the boating season small-craft warnings will be displayed from sunrise to sunset on Maryland Marine Police Cruisers while underway in Maryland waters of the Chesapeake Bay and tributaries.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center at 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility. Transoceanic communication is impossible (53 CFR 153).

CAUTION
Limitations on the use of radio signals as aids to navigation are listed in the U.S. Coast Guard Light List and National Geographic Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution. Station positions are shown as:
(A) Accurate location
(B) Approximate location

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Baltimore, MD	KED-83	162.400 MHz
Baltimore, MD	KED-90	162.475 MHz
Lewis, DE	WUX-94	162.500 MHz
Sutcliffe, MD	WUX-97	162.500 MHz

FISHING AND HUNTING STRUCTURES
Uncharted fish and wildlife harvesting beams and structures such as fish traps, pound nets, and traps, and wildlife harvesting beams, may exist in the area of this chart, particularly in the near shore area. Mariners should proceed with caution.

CAUTION
BASCULE BRIDGE CLEARANCES
For bascule bridges, whose spans do not open to a full length or vertical position, vertical clearance is not available for the entire charted horizontal clearance.

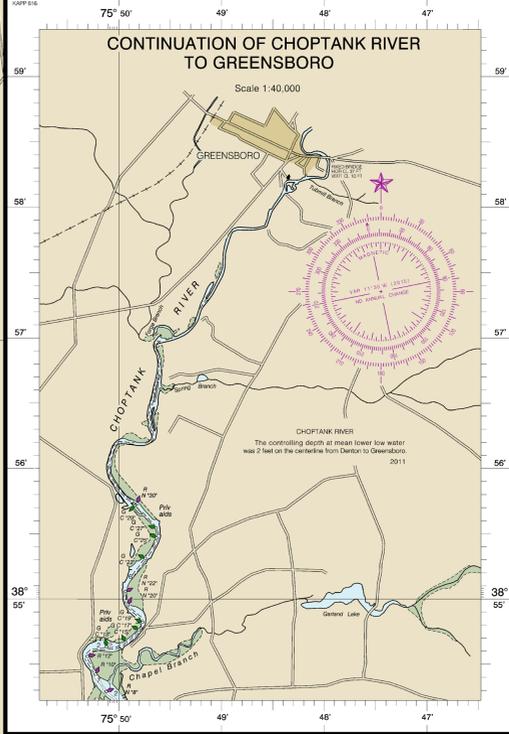
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Nautical Miles
Yards
Meters

FAHOMES
FEET
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CHOPTANK RIVER
Cambridge to Greensboro

SCALE 1:40,000
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CONTINUATION OF CHOPTANK RIVER TO GREENSBORO
Scale 1:40,000

The controlling depth at mean lower low water was 2 feet on the centerline from Denton to Greensboro, 2011.

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LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016)

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