12243 TK0050I

SOUNDINGS IN FEET

Formerly C&GS 495, 1st Combined Ed., Apr. 1954 Q-1953-845

Nautical Chart Catalog No. 1, Panel D

12243

(JOINS SIDE B ON REVERSE SIDE)

UNITED STATES — EAST COAST

VIRGINIA

YORK RIVER

YORKTOWN TO WEST POINT

Mercator Projection
Scale 1:40,000 at Lat. 37°24'
North American 1927 Datum

SOUNDINGS IN FEET
AT MEAN LOW WATER

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLW)			
	Mean High Water	Mean Tide Level	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Yorktown	2.4	1.2	0.0	−3.0
Allmondsville	2.8	1.4	0.0	−3.0
West Point	2.8	1.4	0.0	−3.0

(979)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)

Lights (Lights are white unless otherwise indicated):
F. fixed; Mo. (A) morse code; OBSC. obscured; Rot. rotating
Fl. flashing; Occ. occulting; Whis. whistle; SEC. sector
Qk. quick; Alt. alternating; DIA. diaphone; m. minutes
Gp. group; I. Qk. interrupted quick; M. nautical miles; sec. seconds
E. int. equal interval

Buoys: T.B. temporary buoy; N. nun; B. black; Or. orange; W. white
C. can; S. spar; R. red; G. green; Y. yellow

Bottom characteristics:
Cl. clay; M. mud; hrd. hard; bk. black; gy. gray
Co. coral; Rk. rock; rky. rocky; br. brown; rd. red
G. gravel; S. sand; sft. soft; bu. blue; wh. white
Grs. grass; Sh. shells; stk. sticky; gn. green; yl. yellow

21 (2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated. Rocks that cover and uncover, with heights in feet above datum of soundings

AERO. aeronautical; R. Bn. radiobeacon; C. G. Coast Guard station
Bn. daybeacon; R. TR. radio tower; D.F.S. distance finding station
AUTH. authorized; Obstr. obstruction; P.A. position approximate; E.D. existence doubtful

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Survey (formerly the Coast and Geodetic Survey) with additional data from the Corps of Engineers, Department of the Navy and U.S. Coast Guard.

CAUTION

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

Nautical Miles: 2 1 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

SUPPLEMENTAL INFORMATION

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

AIDS TO NAVIGATION

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

CAUTION

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

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

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.

CAUTION
FISH TRAP AREAS AND STRUCTURES

Mariners are warned that numerous uncharted duck blinds and fishing structures, some submerged, may exist in the fish trap areas. Such structures are not charted unless known to be permanent.

Regulations to assure clear passage to and through dredged and natural channels and to established landings are prescribed by the Corps of Engineers in the Code of Federal Regulations.

Definite limits of fish trap areas have been established in some areas and those limits are shown thus _____

Where definite limits have not been prescribed the location of fishing structures is restricted only by the regulations.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 3, or weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained at the Office of the District Engineer, Corps of Engineers in Norfolk, Va.

Anchorage regulations may be obtained at the Office of the Commander, 5th Coast Guard District in Portsmouth, Va.

Refer to section numbers shown with area designation.

NOTE B

The experimental equipment in operation at the Virginia Institute of Marine Science, Gloucester Point, is sensitive to swell damage. Mariners are cautioned to adjust speed accordingly.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Norfolk, Va. KHB-37 162.55 MHz

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.

LOGARITHMIC SPEED SCALE

1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

Nautical Miles: 2 1 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

NEECHO 82-2-4
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MULTICHANNEL AND SPARKER
RUSTY TIREY -- CHIEF SCIENTIST

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CAUTION

SOUNDINGS IN FEET

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

FATHOMS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
FEET 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102
METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

(York River, Yorktown to West Point)

SOUNDINGS IN FEET - SCALE 1:40,000

12243

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Chesapeake Bay
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Chief Scientist: R.Tirey
TK#0501 (line 4)

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