

RAREBK
VK
982
J3
B3
1861
Chart U

PRELIMINARY CHART OF RAPPAHANNOCK RIVER VIRGINIA FROM ENTRANCE TO DEEP CREEK

From a Trigonometrical Survey
under the direction of A.D. BACHE Superintendent of the
SURVEY OF THE COAST OF THE UNITED STATES

Triangulation by E. BLUNT Capt. W. R. PALMER Topl. Engrs. and J. FARLEY Assis.

Topography by J. SEIB & I. HULL ADAMS Assis.

Hydrography by the parties

under the command of Lieut. Comd'g. S. E. LEE J. J. ALMY & R. WAINWRIGHT U.S.N. Assis.

Scale 64,000

1857



Printed
at the
U.S. Navy
Department
Washington

SAILING DIRECTIONS

Bound up the Rappahannock River

In six fathoms water bring Cherry Pt. to bear S.W. by W. 4/5 (S. 69° 04' W.) Windmill Pt. S.W. by W. 1/2 (N. 59° 30' W.) the Light Vessel N.W. by N. (S. 39° 12' W.) and steer into the middle of the river on a W. by N. (N. 73° W.) course nine nautical miles, leaving the buoy off Hunting Creek about 600 yards to Port hand. When Musquito Pt. bears N.E. 1/2 E. (N. 47° 30' E.) the course is N.W. by W. (S. 55° 16' W.) four nautical miles. When Tully's Pt. bears W. by N. (N. 60° 45' W.) (near West (S. 68° 30' W.) four nautical miles, and when Tully's Pt. bears N.E. 1/2 N. (N. 37° 30' E.) change the course to S.W. by N. (N. 33° E. W.) four nautical miles, bearing E. S. 1/2 S. (S. 69° 15' E.) steer N. by W. (N. 12° E. W.) for Carter's wharf. When the water deepens into nine fathoms, change the course to N.W. (N. 45° W.) from this point up the river the best direction that can be given to a Stranger is to follow the buoys, leaving the red upon the Starboard and the black upon the Port hand. The Channel is midway of the river, and up with the Light Vessel at Bowler's Edge. In beating up the river the best water is between Stingray and Musquito Points on the northern shore, passing the latter point there is good working room, the best water being on the port side until off Peach Bank, 2 1/2 off Deepwater Shoals it is not prudent to venture into less than three fathoms water, as in this part of the River the soundings are irregular and absent of Lowry's Pt. there is a troublesome shoal called Bass Back which is bare at low water. Above Bass Back the Channel narrows and the bottom is uneven, but by following from buoy to buoy, the shoals can be avoided. The Courses and Bearings without the brackets are Magnetic those within are True. The Distances are in Nautical miles.

NOTE

The Soundings are expressed in feet in 10 fms or within the dotted lines, beyond them in fathoms, and show the depth at mean low water, the plate of reference. The dotted lines beyond low water mark represent the bottom within the respective depths of 6, 12, and 18 feet, thus: for 6 feet, for 12 feet, for 18 feet. The characteristic soundings only are given on the map, they are selected from the numerous soundings taken in the survey, so as to represent the figure of the bottom.

Light Vessel

Windmill Point Light Vessel, on the North side of the Entrance to Rappahannock River 3 miles E. S. E. 1/2 E. from Windmill Pt. 4 miles E. by N. N. E. from Stingray Pt. is of Straw Color with light 34 feet above the level of the Sea, visible 11 Nautical miles Day light.

Latitude of Bulley's Bluff 37° 37' 57.3"
Longitude of do. west from Greenwich Obcy. in arc 76° 33' 09.3"
Longitude of do. do. in time 5^h 07^m 12.6^s
Variation of the Magnetic Needle in Dec. 1857 1° 30' W.

The Triangulation was executed in 1850 35 4.57
The Topography do. in 1850 35 36 4.57
The Hydrography do. in 1850 35 36 4.57

Abbreviations used in the bottoms of this Map

Materials in Capitals	Colors or Shades in small letters	Other qualities in small letters
M. for Mud	bl. for black	hd. for hard
S. for Sand	wh. for white	st. for soft
G. for Gravel	rd. for red	tr. for fine
Sh. for Shells	yl. for yellow	cr. for coarse
Sp. for Specks	gr. for grey	
C. for Clay	br. for blue	
	dk. for dark	

Note. The principal materials and their qualities are represented by larger letters than the subsidiary.



YANKATANK RIVER

