RAREBK
VK
982
.N8
B3
1861
Chart E

No. 11

COAST CHART No. 40

ALBEMARLE SOUND

N. CAROLINA

WESTERN PART

FROM THE PASQUOTANK RIVER TO THE ROANOKE AND CHOWAN RIVERS

From a Trigonometrical Survey

under the direction of A.D. BACHE Superintendent of the

SURVEY OF THE COAST OF THE UNITED STATES

Triangulation by W.M. BOYCE and J.C. NEILSON Assistants

Topography by J.C. NEILSON & J.J.S. HASSLER Assts.

Hydrography by the parties under the command of

Lieut.s Comdg. W.P. MARTHUR, JAMES ALDEN & T.A. JENKINS U.S.N. Assts.

Published in 1860

Scale 80000

Verified
W.K. Schenck Capt. Topl. Engrs.
Asst. C.S.C. In charge of Office.

SAILING DIRECTIONS

Being on the channel course in 32 fathoms water, with Shipp Pt. bearing South, distant about ½ miles, continue on that course N by E until Deals Pt. bears North, when, if

Bound up Perquimans River, *steer N.N.E. ½ E. and keep the middle of the river bar if*

Bound to Edenton, *steer N by N ½ E passing Bluff Pt. a north of one mile, and Sandy Pt. a north of ¼ of a mile. When Edenton opens to the Westward of Mumfordsbar Pt. steer N.W by N ½ E. getting the Eastern shore of the Bay a-bank, of rather more than ¼ of a mile, until in range with the main Street, the lamp post on the end of the Wharf on their East of the street being on with the middle of the Market House in the middle of the street. This range leads up to the Wharf with the best water, on a course of N.by E.½ E. Nearly 22 feet can be carried to within ¼ of a mile of the Wharf, and 6½ feet quite up to it.*

Bound to Columbia or Scuppernong River. *When off Hoskinsr Pt. steer W.N.W passing Lizzie & Pelican Pts. at a distance of 2 miles. Having passed the latter, steer W.N.W following the trend of the shore, when the buoy on the Bar West of Mill Pt. bears to the Eastward of 1 fathom fair in and passing it close aboard on the West side, steer S.E by S for the first Pt. on the Starboard hand, and when Mill Pt. bears N.E by N steer E.S.E keeping nearest the Port shore, but after passing the Pt. on the Starboard hand opposite the Fish House, keep nearest to the Starboard shore until the River bends again to the Eastward, after which keep nearest the Port shore. Seven and a half and eight feet can be carried up to Columbia.*

Note. *The Courses and Bearings are Magnetic, and the Distances are in Nautical miles.*

In the description of Buoys R. signifies Black and R. Red.

RANGES

Hoes's Pt. Shoal. *To clear S.W side of the Shoal. Piney Pt. on with first house to Southward of Cannon Cove. To clear the South point of the Shoal Harvey's Pt. on with first point below Blount's Pt.*

Batt's I. Shoal. *To clear the South point of the Shoal Bluff Pt. on with the houses on Sandy Pt.*

Laurel Pt. Shoal. *To clear the N.W. side of the Shoal the West point of Shadbury Landing on with the first house to the Starboard. To clear the North point of the Shoal in 22 feet water, the houses on Sandy Pt. on with the houses close to the beach, 1 mile beyond Sandy Pt. This last range will also clear South edge of Shoal off Bluff Pt.*

Bluff Pt. Shoal. *To clear the South-East point of the Shoal Batts I. on with mouth of Minnie Cr.*

NOTE

The Soundings are expressed in feet to 33 feet, or within the dotted surfaces beyond them in fathoms, and show the depth at mean low water the plane of reference. The dotted surface beyond low water mark represent the bottom within the respective depths of 6.12 and 33 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.

Latitude of Edenton Court House	36°03′ 15″
Longitude of do. West from Greenwich (Ships in use)	76°36′ 16″
Longitude of do. do. in time	5h 07m 44s
Variation of the Magnetic Needle at Swanquarter Pt. in Feb. 1847	1° 30′ W.
Variation do. do. Dec. 1859	1° 5′ W.

Present annual increase 1′.

Abbreviations used in the bottoms of this Map

Materials		Colors or Shades		Other qualities	
		when small letters		these small letters	
M.	for Mud	bk.	for black	hd.	for hard
S.	„ Sand	yl.	„ yellow	sft.	„ soft
C.	„ Clay	gy.	„ grey	stk.	„ sticky
		bu.	„ blue		
		dk.	„ dark		
		lt.	„ light		

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

Statute Miles

Scale of Yards

Nautical Miles

Light Vessel

Roanoke River Lt. Vessel, near the mouth of the Roanoke River, is of Brown color, with Light 36 feet above the level of the Sea, visible 12.7 nautical miles. Fog Bell and Horn.

The Triangulation was executed in	1847 & 48
The Topography „ „ „	1847 & 48
The Hydrography „ „ „	1847 48 & 49
The Astronomical observations were made by C. G. Bonsille Asst. in	1847 & 48
The Magnetic observations were made by C. G. Bonsille Asst. in	Feb. 1847

TIDES

There are no regular lunar tides in Albemarle Sound, the rise and fall of the water is influenced altogether by the wind and the state of the rivers emptying into it. At the western end of the sound, the water is depressed by northerly and westerly winds, and elevated by those from the south and east.

Edenton

Hertford

Elizabeth City

Roanoke Light Vessel

Raft Cove

Engd. Drn by C. Mahon.

Engd by A. Mendel H.S. Barnard and W. Hylster