RAREBK
VK
982
.G4
B3
1861
Chart E

No. 19

PRELIMINARY CHART OF

SAPELO SOUND

GEORGIA

From a Trigonometrical Survey

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

SURVEY OF THE COAST OF THE UNITED STATES

Triangulation by Lieut. A.W. EVANS U.S.A. Asst. A.F.P. WEBBER Sub-Assist.

Topography by A.W. LONGFELLOW Assist.

Hydrography by the parties under the command of

Lieuts. Comdg. J.H. MOOORE & C.M. FAUNTLEROY U.S.N. Assts.

Scale 30,000

1859

Verified
M.K. Palmer Capt. Topl. Engrs.
Asst. C.S. In charge of Office.

Latitude of Outer Beacon ..... 31°31'58"3
Longitude of ... do ... west from Greenwich (Sky) in 1861 ..... 81°16'06"3
Longitude of ... do ... do ... in 1844 ..... 81°17'48"
Variation, or the Magnetic Needle in Jan. 1846 (computed) ..... 2°36' E.
Present annual decrease 2'.2

The Triangulation was executed in ..... 1856 & 58
The Topography ... do ... do ..... 1857 & 58
The Hydrography ... do ... do ..... 1858 & 59

The Soundings are expressed in feet to 18 feet, or within the dotted lines, beyond them in fathoms and show the depth at mean low water the plane of reference. The dotted lines beyond low water mark represent the bottom within the respective depths of 9.2, and 18 feet.Blue ..... for 9 feet ..... for 27 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.

Abbreviations used in the bottoms of this map

Materials	Colors or Shades	Other qualities
M. for Mud	bl. for Black	brd. for hard
S. - Sand	gy. - grey	sft. - soft
Sh. - Shells	y. - yellow	
M.S. - Marl		

In the description of Buoys H.S. signifies horizontal stripes and B. black.

Moss I.
Wahoo I.
Barbour's I.
Oldnor's I.
Cedar Hammock
Dog Hammock
Point Hart
Hog I.
Sapelo I.
Walburgh
Brookes
Experiment Shoal
Concord Shoal
Breakers
Breakers in Hideaway Gutter
Bare at Half Tide
Hideaway Gutter
Sapelo Plantation
Brailsford
Johnston
Point Hell
Point Rose
Point Wylly
Point Hell

TIDES

Corrected Establishment ..... VIIh XXIIm
Rise of Highest Tide observed above the plane of reference ..... 8.6 Ft.
Fall of Lowest Tide ... do ... below ... do ..... 1.3 „
Half of Mean Low Water of Spring Tides below ... do ..... 0.5 „
Height of Mean Low Water of Neap Tides above ... do ..... 0.9 „
Mean Rise and Fall of ... Spring Tides ..... 7.3 „
Mean ... do ... of Neap Tides ..... 5.9 „
Mean Duration of Rise } Reckoning from the middle of one 6h 12m
Mean ... do ... of Fall } stand to the middle of the next 6h 13m

SAILING DIRECTIONS

Do not approach within less than 4 fathoms water for upon the Channel. Courses are laid down on the chart, by bringing the Inner Beacon on the South Point of St. Catherine's Island to bear W.1/4 N. and the Outer Beacon a little open to the Northward of the Inner one; when seated in on a W.1/4 N. course, until striking 15 fathoms water with the Inner Point of Hawk Jewett Island bearing W.1/2 S. then steer for the latter until well in under the Point, when anchor in 6 fathoms water, soft bottom.

If bound up either of the Rivers, endeavor to keep in the Channel by a close attention to the Lead and Chart, as there are no conspicuous land marks by which Sailing Directions can be given.

The Courses and Bearings are Magnetic.

Statute Miles
Nautical Miles