RAREBK
VK
982
.S6
B3
1861
Chart C

TIDES

Corrected Establishment	VII^{h} XVI^{m}
Rise of Highest Tide observed above the plane of reference	7. 4 Ft.
Fall of Lowest Tide ... do ... below ... do ... do	1. 9 „
Fall of Mean Low Water of Spring Tides below ... do	0. 4 „
Height of Mean Low Water of Neap Tides above ... do	0. 5 „
Mean Rise and Fall of Tides	4. 8 „
Mean ... do ... of Spring Tides	5. 7 „
Mean ... do ... of Neap Tides	3. 7 „
Mean Duration of Rise | Reckoning from the middle of one	6^{h} 20^{m}
Mean ... do ... of Fall | stand to the middle of the next	6^{h} 06^{m}
Mean ... do ... of Stand	0^{h} 30^{m}

SAILING DIRECTIONS

When in 6¼ fathoms water, bring Bulls Bay Light House to bear N.W. by W.½ W. Stand in on this course, leaving the Bar Buoy one cables length on the starboard hand, until in 3¼ fathoms water; then follow the Beach round until off the mouth of the Creek, and anchor in 2¾ fathoms water, muddy bottom.
This is a safe anchorage, and the channel way is clearly marked by the breakers on either hand. Thirteen feet can be carried across the Bar at mean low water.
The Courses and Bearings are Magnetic

Light Houses

Name	Latitude North	Longitude West from Greenwich Observatory In arc	In time	Revol or Revolving	Interval of Flash	Height above Level of Sea	Distance visible in Nautt. miles
Cape Roman Lt. Ho.	33° 01′ 06″ 6	79° 22′ 11″ 9	5^{h} 17^{m} 28″ 8	Revolvg.	1^{m} 00^{s}	150 Ft.	18. 5
Bulls I. „ „	32° 55′ 18″ 3	79° 33′ 45″ 6	5^{h} 15^{m} 14″ 9	Fixed		35 „	11. 1

Harbor Cr.
Owendaw Cr.
White Banks
Petrel Bank
BULL'S BAY
Bird I.
BULL'S ISLAND
Lt. Ho.
Breakers
Marsh I.
Lt. Ho.
Cape Roman
Breakers
N.W. by W.½ W.
Var. 2° 00′ E.
Statute Miles
Nautical Miles
36′ 34′ 32′ 79° 30′ 28′ 26′ 24′ 22′ 79° 20′ 18′ 16′
02′ 00′ 58′ 56′ 54′ 52′ 50′

U.S. COAST SURVEY
A.D. BACHE Supdt.

PRELIMINARY CHART OF

BULL'S BAY

SOUTH CAROLINA

Triangulation by C.O. BOUTELLE Assist.

Hydrography by the parties under the command of
Lieuts. Comdg. J.N. MAFFITT and J.P. BANKHEAD U.S.N. Assists

Scale 60,000

1859

Verified
W.P. Palmer Capt. Topl. Engrs
Asst. C.S. In charge of Office

NOTE

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 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.

The Triangulation was executed in 1857
The Hydrography ... do ... *in* ..... 1857 & 59

Abbreviations used in the bottoms

M.	for	Mud	hrd.	for	hard
Sh.	„	Shells	sft.	„	soft
Mrl.	„	Marl			

In the description of Buoys H.S. signifies Horizontal Stripes.