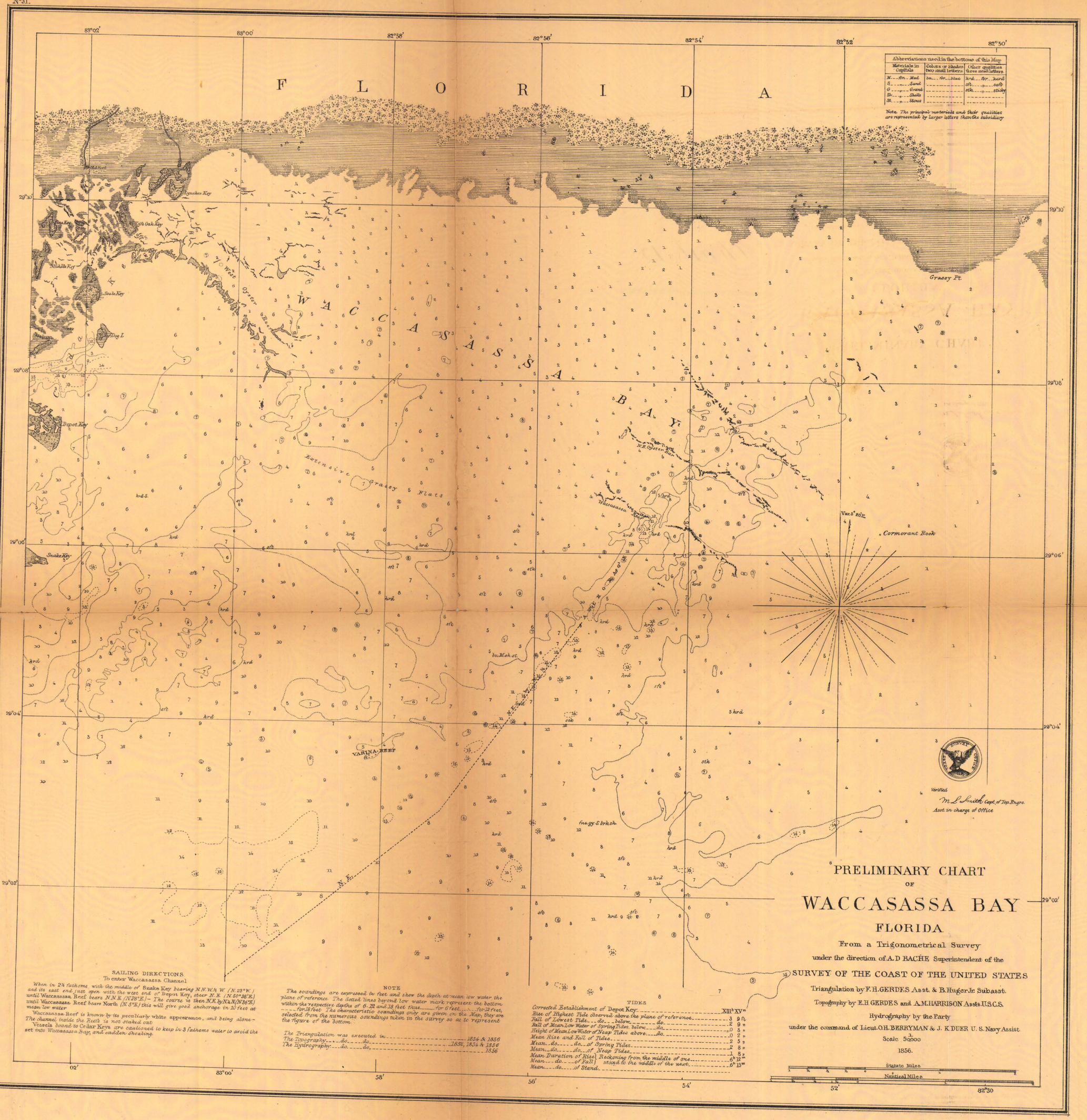
RAREBK
VK
982
.F6
B3
1861
Chart D

N°31.



Abbreviations used in the bottoms of this Map		
Materials in Capitals	Colours or Shades two small letters	Other qualities have small letters
M ... Mn ... Mud	bu ... br ... blue	hrd ... hr ... hard
S ... ... Sand	... ...	sft ... s ... soft
G ... ... Gravel	... ...	stk ... s ... sticky
Sh ... ... Shells	... ...	... ...
St ... p ... Stones	... ...	... ...

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

Verified
M L Smith Capt. of Top. Engrs.
Asst. in charge of Office

PRELIMINARY CHART OF WACCASASSA BAY FLORIDA

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

Triangulation by F. H. GERDES Asst. & B. Huger Jr: Subasst.
Topography by E. H GERDES and A. M. HARRISON Assts. U.S.C.S.
Hydrography by the Party
under the command of Lieut. O. H. BERRYMAN & J. K DUER U. S. Navy Assist.

Scale $\frac{1}{50000}$

1856.

Statute Miles
Nautical Miles

SAILING DIRECTIONS

To enter Waccasassa Channel

When in 2½ fathoms with the middle of Snake Key bearing N.N.W½ W (N.23°W.) and its east end just open with the west end of Depot Key, steer N.E. (N.50°38'E.) until Waccasassa Reef bears N.N.E. (N.28°E.) – The course is then N.E. by N½N (N36°E) until Waccasassa Reef bears North (N.5°E.) this will give good anchorage in 10 feet at mean low water

Waccasassa Reef is known by its peculiarly white appearance, and being alone – The channel inside the Reef is not staked out

Vessels bound to Cedar Keys are cautioned to keep in 3 fathoms water to avoid the set into Waccasassa Bay, and sudden shoaling.

NOTE

The soundings are expressed in feet 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 ..... 1854 & 1856
The Topography ... do ... do ..... 1855, 1854 & 1856
The Hydrography ... do ... do 1856

TIDES

Corrected Establishment of Depot Key	XIII^h XV^m
Rise of Highest Tide observed above the plane of reference	3 9 ft
Fall of Lowest Tide ... do ... below ... do	2 9 "
Fall of Mean Low Water of Spring Tides below ... do	0 3 "
Height of Mean Low Water of Neap Tides above ... do	0 2 "
Mean Rise and Fall of Tides	2 5 "
Mean ... do ... do ... of Spring Tides	2 8 "
Mean ... do ... do ... of Neap Tides	1 9 "
Mean Duration of Rise } Reckoning from the middle of one	6^h 12^m
Mean ... do ... of Fall } stand to the middle of the next	6^h 13^m
Mean ... do ... of Stand	

83°00' 58' 56' 54' 52' 82°30