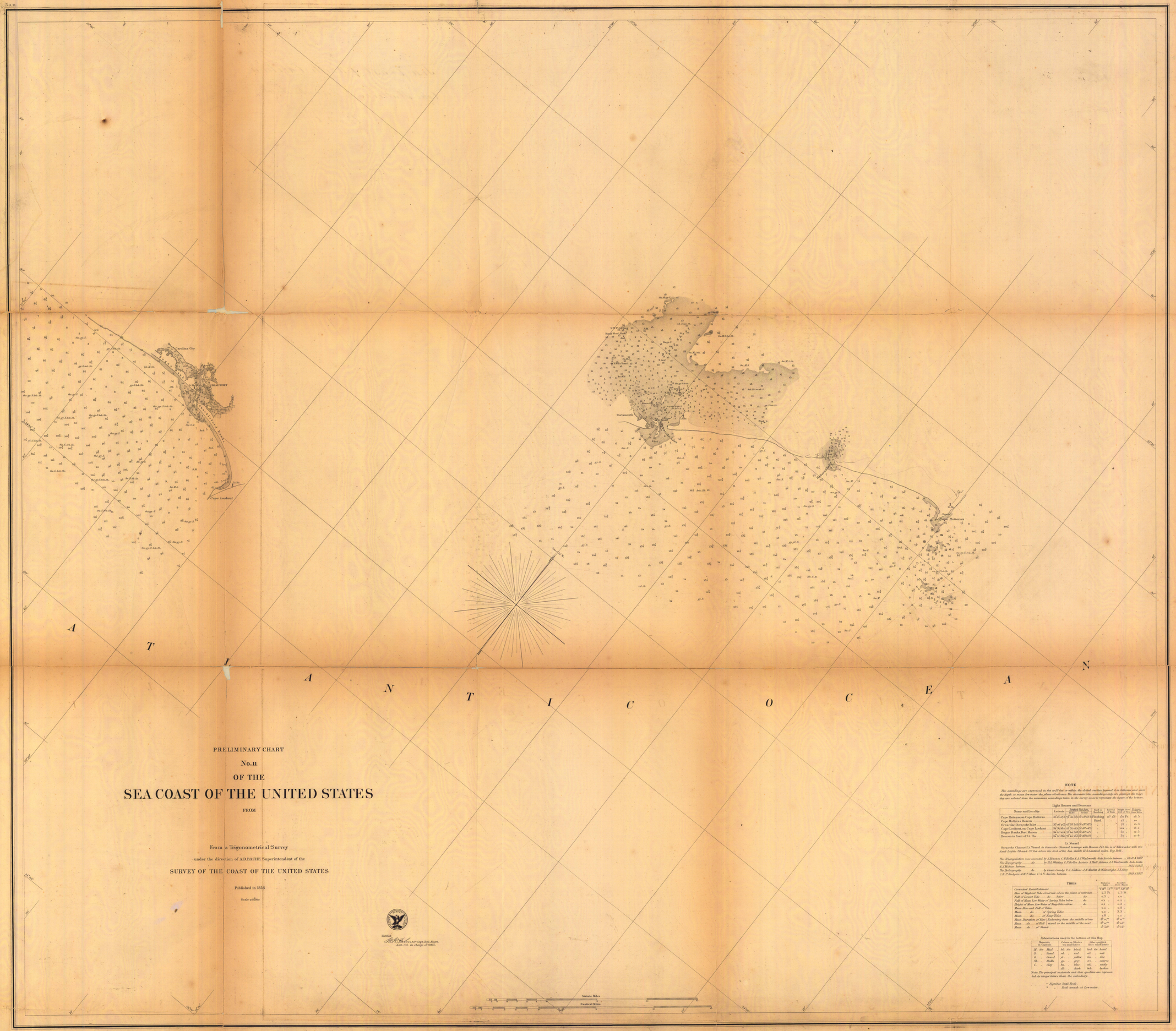
RAREBK
VK
982
.N8
B3
1861
Chart C

No. 11



PRELIMINARY CHART

No. 11

OF THE

SEA COAST OF THE UNITED STATES

FROM

From a Trigonometrical Survey

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

SURVEY OF THE COAST OF THE UNITED STATES

Published in 1858

Scale 1:80000

Verified
W. H. Chauncey Capt. Topl. Engrs.
Asst. C.S. In charge of Office.

NOTE

The soundings are expressed in feet to 18 feet or within the dotted outline beyond it in fathoms and show the depth at mean low water the plane of reference. The characteristic soundings only are given in the map; they are selected from the numerous soundings taken in the survey so as to represent the figure of the bottom.

Light Houses and Beacons

Name and Locality	Latitude	Longitude	Bearing Magnetic	Bearing True	Based on Sounding	Interval of Flash	Height above Level of Sea	Distance Visible in Nautical Miles
Cape Hatteras on Cape Hatteras	35° 15′ 0″	75° 31′ 30″	N.E.	N.E.	Thinking	40″	150 Ft.	18. 5
Cape Hatteras a Beacon					Fixed		15 ,,	11.
Ocracoke, Ocracoke Inlet	35° 08′ 0″	75° 57′ 30″	N.E.	N.E.	,		15 ,,	11. 3
Cape Lookout on Cape Lookout	34° 36′ 0″	76° 31′ 30″	N.E.	N.E.	,		100 ,,	16. 5
Bogue Banks, Fort Macon	34° 41′ 45″	76° 41′ 30″	N.E.	N.E.	,		50 ,,	13. 5
Beacon in front of Lt. Ho.	34° 41′ 30″	76° 41′ 45″	N.E.	N.E.	,		30 ,,	10. 6

Lt. Vessel

Ocracoke Channel Lt. Vessel in Ocracoke Channel to range with Beacon. 11 A. Ho. is of Yellow color with two fixed Lights 39 and 59 feet above the level of the Sea, visible 11.5 nautical miles. Buy Bell.

The Triangulation was executed by J. Hewston, C.P. Bolles & A.S. Wadsworth Sub. Assists. between ... 1848 & 1852
The Topography ... do ... by H. Whiting, C.P. Bolles, Assists. J. Hall, Adams, A.S. Wadsworth Sub. Assts. & J. Mechan between ... 1854 & 1857
The Hydrography ... do ... by Lieuts. Crosby, T. A. Jenkins, J. N. Maffitt & Wainwright, J. S. Sloop C. R. P. Rodgers, & W. T. Muse U.S.N. Assists. between ... 1848 & 1857

TIDES

	Springs	Neaps
Corrected Establishment	VIII^h 15^m	VIII^h XXIII^m
Rise of Highest Tide observed above the plane of reference	5. 5 Ft.	3. 7 Ft.
Fall or Lowest Tide ... do ... below ... do	0. 5 ,,	0. 7 ,,
Fall of Mean Low Water ... Springs Tides below ... do	0. 5 ,,	0. 7 ,,
Height of Mean Low Water ... Neap Tides above ... do	0. 5 ,,	0. 7 ,,
Mean Rise and Fall of Tide	2. 5 ,,	2. 0 ,,
Mean ... do ... of Spring Tides	4. 5 ,,	3. 3 ,,
Mean ... do ... of Neap Tides	1. 0 ,,	1. 4 ,,
Mean Duration of Rise ... Shoaling from the middle of one	6^h 0^m	6^h 0^m
Mean ... do ... of Fall ... round to the middle of the next	6^h 0^m	6^h 0^m
Mean ... do ... of Stand	0^h 30^m	0^h 45^m

Abbreviations used in the bottoms of this Map

Materials in Capitals		Colors in Shades two small letters		Other qualifiers three small letters	
M.	*for Mud*	*bk.*	*for black*	*hrd.*	*for hard*
S.	,, *Sand*	*rd.*	,, *red*	*stf.*	,, *soft*
G.	,, *Gravel*	*yl.*	,, *yellow*	*fin.*	,, *fine*
Sh.	,, *Shells*	*gr.*	,, *grey*	*crs.*	,, *coarse*
C.	,, *Clay*	*bu.*	,, *blue*	*sh.*	,, *shells*
		dk.	,, *dark*	*brk.*	,, *broken*

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

* *Signifies Single Rock.*
* ,, *Rock uncovered at Low water.*