No.1233

Mercator Projection N.A. Datum of 1927

1233

PORTSMOUTH ISLAND TO BEAUFORT

INCLUDING CAPE LOOKOUT SHOALS

UNITED STATES — EAST COAST

NORTH CAROLINA

SOUNDINGS IN FEET AT MEAN LOW WATER

CAUTION

Improved Channels

The side limits of the improvement are shown by broken lines. The controlling depth through the channel, on the date given, is placed in or alongside the channel, or in a separate note, but no depth greater than the project depth is given. Because of possible shoaling, particularly at the edges, it must not be inferred that the depth stated existed throughout the entire width of the improvement on the date of the examination unless so stated, or that it has not since decreased in places across the entire width.

TIDES (referred to mean low water):

	Cape Lookout	Beaufort
Mean high water	3.7 ft.	2.5 ft.
Mean sea level	1.8 ft.	1.2 ft.
Lowest tide to be expected (Oct. 1945)	−2.0 ft.	−2.0 ft.

HEIGHTS in feet above mean high water.

AUTHORITIES

Surveys to 1945

Surveyed by U. S. Engineers to 1945

STORM WARNINGS

The U. S. Weather Bureau displays storm warnings at Beaufort.

Caution

The channel in Drum Inlet is subject to changes. Strangers should not enter before obtaining local information as to conditions. The aids are not charted because they are frequently shifted as position.

Intracoastal Waterway

Neuse River to Morehead City over 40 feet. Sept. 1945

The controlling depth at mean low water from

Core Sound

The controlling depth at mean low water from Pamlico Sound to Beaufort Harbor was 5 feet. June 1944

Atsion low water the controlling depth from Great L. Bay to Thorofare Bay was 4½ feet. June 1944

For additional triangulation in this area see triangulation diagram 420

1 MADAM
2 A (USE)
3 DELMAR
4 I (USE)
5 M (USE)
6 CEDAR
7 L (USE)
8 SCARE
9 HARKERS ISLAND E CHANNEL LIGHT 2 (1962)
10 BARDEN INLET CHANNEL LIGHT 29 (1962)
11 BARDEN INLET CHANNEL LIGHT 26 (1962)
12 BARDEN INLET CHANNEL LIGHT 18 (1962)
13 BARDEN INLET CHANNEL LIGHT 14 (1962)
14 BARDEN INLET CHANNEL LIGHT 11 (1962)
15 BARDEN INLET CHANNEL LIGHT 7 (1962)
16 BARDEN INLET CHANNEL LIGHT 2 (1962)
17 CAPE LOOKOUT E RADIO TOWER
CAPE LOOKOUT W RADIO TOWER
18 NICK
19 G (USE)

ABBREVIATIONS

Lights: *F. fixed; Fl. flashing; Qk. quick; I. Qk. interrupted quick; S-L. short-long; Occ. occulting; Alt. alternating; Gp. group; W. white; R. red; G. green; m. miles; min. minutes; sec. seconds; ev. every; D. destroyed, to be reestablished; vis. visible; SEC. sector; OBSC. obscured; AERO. aeronautical light. Lights are white unless otherwise indicated.*

Buoys: *C. can; N. nun; S. spar; REF. reflector; T. B. temporary buoy.*
Day beacons: ○, white unless otherwise indicated.

R.Bn. *radiobeacon*

C.G. *Coast Guard Station; R.Tr. radio tower;*

Cl. clay; Co. coral; G. gravel; Grs. grass; M. mud; Rk. rock; S. sand; Sh. shells; bk. black; br. brown; bu. blue; gn. green; gy. gray; rd. red; wh. white; yl. yellow; brd. hard; rky. rocky; sft. soft; stk. sticky. MHW. mean high water.

Wreck, rock, or obstruction swept clear to depth indicated.

P. D. position doubtful; E. D. existence doubtful; Obstr. obstruction.

HORIZONTAL CONTROL

- Monumented Point - First Order
- Monumented Point - Second Order
- Monumented Point - Third Order
- Located Object - Third Order
- 60 — See separate index for names of numbered stations
- WASHINGTON — Station reported not recovered
- Measured Base - Electro Optical or Taped
- Line of triangulation observed
- Line of triangulation observed from one end only
- Measured Length - Electronic or Taped

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL OCEAN SURVEY

WASHINGTON, D.C.

March 1979

TRIANGULATION DIAGRAM

(Not For Navigational Purposes)

Information may be obtained from the Director, National Geodetic Information Center, National Ocean Survey, N.O.A.A., Rockville, Md. 20852

State plane coordinate grid shown in brown

(Portsmouth Island to Beaufort)

1233
March 1979