

3822

U. S. SURVEY
FEB 24 1928

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: *North Carolina*

11-5613

DESCRIPTIVE REPORT.

Topo Sheet No. **3822**

LOCALITY:

*Mouth of Neuse River -
Swan Islands to
Turragain Bay*

1920

CHIEF OF PARTY:

J. H. Hawley

*V
W
X
Y*

DESCRIPTIVE REPORT
to accompany 3822
Topographic Sheet No. 3 (field number)

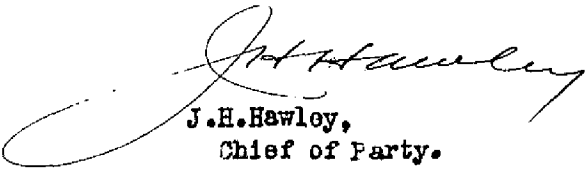
This sheet shows the revision of shoreline along the south shore of Neuse River and Pamlico Sound, from Rattan Bay to Newstump Point in Cedar Island Bay, made in accordance with instructions dated January 23, 1920.

This revision work was well controlled by triangulation. The shore line was transferred in pencil from the original sheets and the topographer was supplied with bromide copies of the original sheets in order that any changes in detail might be noted and shown on the new sheet.

No important changes in detail were noted and the shoreline has changed very little except in the vicinity of the Swan Islands.

There are no prominent objects within the limits of this sheet that are not located by triangulation. The small clump of woods shown on the sheet in Rattan Bay, near signal ONE, should be charted, however, as the surrounding country is low and swampy and the clump is quite prominent.

The shoreline revised on this sheet was completely covered by plane table traverse. A few small temporary signals were erected for control of inshore hydrographic work and the names given these signals are shown on the sheet.


J.H. Hawley,
Chief of Party.

AND REFER TO NO.

4-1231

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

SECTION OF FIELD RECORDS.

REPORT ON TOPOGRAPHIC SHEET No. 3822.

Surveyed in 1920

Chief of Party: J. H. Hawley.

Surveyed by J. W. Cox and
B. H. Rigg.

Inked by B. H. Rigg.

1. The plan and character of this survey fulfill the requirements of the General Instructions.
2. The plan and extent satisfy the specific instructions, except that the revision of the shoreline was not carried to Hog Island, the eastern limit of the hydrographic survey as was directed.
3. This omission can be supplied when Cedar Island Bay is resurveyed.
4. The shoreline of the point forming the western entrance to Turnagain Bay is the same as given on the survey of 1868, but differs considerably from sheet 3823. As the shoreline on 3823 apparently was resurveyed while that on 3822 appears to be simply a copy of the old survey, the representation of the western entrance to Turnagain Bay on 3822 should be rejected.
5. The surveying and field drafting are fair.
6. Reviewed by E. P. Ellis, May 1921.
7. Two copies of this report to be sent to Division of Hydrography and Topography.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 3822 Field No. 3.

State . . . North Carolina

General locality . . . ^{mouth of} ~~Neuse River & Pamlico Sound.~~

Locality . . . ~~Batten Bay to Newstump Point~~ Swan Islands to Jinnagain Bay

Chief of party . . . J.H. Howley

Surveyed by . . . J.W. Cox, B.H. Rigg.

Date of survey . . . September - October, 1920.

Scale . . . 1 : 20,000

Heights in feet above

Contour interval feet.

Inked by . B.H. Rigg . . . Lettered by . B.H. Rigg

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks:

Shoreline revision.