

6345

Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Graphic Control J
~~Hydrographic~~ } Sheet No.

State North Carolina

LOCALITY

PAMLICO SOUND

Mouth of Pungo River

1935

CHIEF OF PARTY

John A. Bond

AUG 2 1935

TOPOGRAPHIC TITLE SHEET

Arch. No.

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. J.

REGISTER NO.

6345

State North Carolina

General locality Pamlico Sound 12

Locality Mouth of Pungo River 19

Scale 1:10,000 Date of survey December, 1934

Vessel MIKAWA

Chief of party John A. Bond

Surveyed by D. M. Watt

Inked by D. M. Watt and A. Gruber

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated August 31, 1934

Remarks:

DESCRIPTIVE REPORT

To Accompany Topographic Sheet J

Instructions dated August 31, 1934
Project No. HT-197

Pamlico Sound, N. C.
Mouth of Pungo River

PURPOSE OF SURVEY

The purpose of this topographic sheet was to locate hydrographic signals and shoreline for use on the boat sheets. All topographic detail in this territory was compiled by the air-photo compilation party.

GENERAL DESCRIPTION

Sa Herthuwaite Cr.
This sheet covers both shores of Pungo River north of Wade Pt., all of Warner and Wrights Creeks and a short section of the north shore of Pamlico River.

LANDMARKS FOR CHARTS

A list of landmarks for charts and non-floating aids to navigation will be submitted in a separate report. (Ch+ letter 199 of 1936)

CONTROL

The sheet was well controlled by triangulation established in 1933 and adjusted in the field to the N.A. 1927 datum.

SURVEY METHODS

Standard Coast Survey methods were used throughout. The hydrographic signals along the shore of Pungo River were cut in from triangulation stations. These intersections gave frequent checks on the traverses where traverses were necessary. Traverses were run in the creeks.

Satterthuwaite Cr
All shoreline was compared with the air-photo compilation and excellent agreement was found except for minor discrepancies in Warner Creek. The shoreline and signals in this creek were adjusted to agree with the air-photo sheets.

RECOVERABLE PLANETABLE POSITIONS

The description of one marked recoverable topographic station is submitted with this report.

GEOGRAPHIC NAMES

Information relative to geographic names was obtained by the photo-compilation party of Lieutenant Grenell.

Submitted by

D. M. Watt

D. M. Watt
Surveyor, C. & G. S.

Approved

John A. Bond
John A. Bond
H. & G. Engineer
Chief of Party

REVIEW OF GRAPHIC CONTROL SURVEY T-6345, SCALE *1/10,000*

Date of Review *March 23, 1936 (T-5555)*
March 25, 1936 (T-5556)
April 27, 1936 (T-5554)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-*5555 5556 5554*, with particular attention to the following details:

- (a) Projection has been checked in the Field. ✓
- (b) Accuracy of location of plane table control points. ✓
- (c) Discrepancies between detail on this survey and the air photo compilations listed *above. below* ✓
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. *no descriptions submitted* ✓

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-*5555 5556 5554*, for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section. *below* ✓

Notes and corrections resulting from the review are shown on this survey in green. *none* ✓

Comparison with T-5554.

There is a disagreement of shoreline at stations AT and OZ in Wright Creek. The differences are 0.3 mm and 0.5 mm. respectively. The photo plot has been checked at these points and cannot be changed to agree with the survey T-6345.

Leonard A. McSauer
March 25, 1936.

V.B.G. Jones