

6341

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

AUG 8 1935

Acc. No. _____

Form 504
Rev. Dec. 1933

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Graphic Control
Hydrographic } Sheet No. E

State North Carolina

LOCALITY
Pungo River
~~CHILICOTT~~ - Belhaven,

and Pantego Creek

1935

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

LIBRARY AND ARCHIVES
AUG 9 1935
REG. NO.

Acc. 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. E

REGISTER NO. **6341**

State North Carolina

General locality ~~Pamlico Sound~~ Pungo River

Locality Belhaven, and Pantego Creek

Scale 1:10,000 Date of survey March, 1935

Vessel MIKAWA

Chief of party John A. Bond

Surveyed by D. M. Watt

Inked by D. M. Watt and A. G. Turner

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 E.

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

Pamlico Sound, N. C.
Pungo River
Pantego Creek

PURPOSE OF SURVEY

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

GENERAL DESCRIPTION

This sheet covers both shores of Pantego Creek and Broad Creek. It is joined on the east by sheet D.

LANDMARKS FOR CHARTS

A list of landmarks for charts and non-floating aids to navigation will be submitted in a separate report.

CONTROL

Traverses were run between triangulation stations. From station Stevenson to the head of Pantego Creek the traverse was not tied into triangulation.

SURVEY METHODS

Standard Coast Survey methods were used throughout.

All the shoreline was compared with the air-photo compilation sheets with excellent agreement except the upper part of Broad Creek. In Broad Creek, with soft banks and numerous bends, requiring frequent set-ups, it was practically impossible to keep a true azimuth. The shoreline and signals in this creek were adjusted to agree with the air-photo sheets.

No attempt was made to rod the shoreline with an accuracy other than adequate for boat sheet purposes. *The part of the shoreline not covered by the air photo compilation was marked in the office.*
Chickman

GEOGRAPHIC NAMES

Information relative to geographic names was collected by the air-photo compilation party.

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- 6341 , SCALE 1/10,000.

Date of Review *March 10, 1936. (T-5552)*
 March 18, 1936 (T-5553).

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5552, 5553, 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. *none* ✓
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. *No descriptions have been submitted with this survey.* ✓

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5552, 5553, 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. *none* ✓

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

Leonard A. Nielsen
March 10, 1936.
W B G Jones