

6340

U. S. COAST & GEODETIC SURVEY
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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. D

State North Carolina

LOCALITY

~~DANIELSON SOUND~~ - Pungo River

Vicinity of Belhaven

193 5

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

REG. NO.

TOPOGRAPHIC TITLE SHEET AUG 9 1935

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. D

REGISTER NO. **6340**

State North Carolina

General locality ~~Pamlico River~~ Pungo River

Locality Vicinity of Belhaven¹⁷ ~~Pungo River~~

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. 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 *D. (T-6340)*.

Instructions dated August 31, 1934
Project HT-197

Pungo River
Vicinity of Belhaven

PURPOSE OF SURVEY

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

GENERAL DESCRIPTION

The sheet covers both shores of Pungo River in the vicinity of Belhaven, and parts of Pungo Creek and Pantego Creek. It is joined on the east by sheet C, on the south by sheet G and on the west by sheets E and F.

LANDMARKS FOR CHARTS

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

CONTROL

The sheet was well controlled by triangulation established from 1933 to 1935, and adjusted in the field to the N.A. 1927 datum.

SURVEY METHODS

Standard Coast Survey methods were used throughout. A large part of the hydrographic signals were located by intersections and these points later used for control. This gave frequent checks on the short traverses. A traverse was run in Pungo Creek.

All shoreline was compared with the air-photo compilation sheets and excellent agreement was found except in two small creeks. This minor discrepancy of shoreline and the signals in the vicinity were adjusted to agree with the air-photo sheets.

RECOVERABLE PLANETABLE POSITIONS

Owing to the numerous triangulation positions no permanent recoverable planetable positions were established within the limits of the sheet.

GEOGRAPHIC NAMES

Information relative to geographic names was obtained by the air-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- 6340, SCALE 1/10,000.

Date of Review *March 10, 1936 (T-5552)*
March 13, 1936 (T-5551)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5552, 5551, 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 listed* ✓
- (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-5552, 5551, 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* ✓

Lionard A. McIsaac
March 10, 1936.
W.B.G. Jones