

6338

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. B

State North Carolina

LOCALITY

~~PAMLICO SOUND~~ Upper part of
Pungo River.

Bread & Smith Creeks & vicinity

1935

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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TOPOGRAPHIC TITLE SHEET

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. B

REGISTER NO.

6338

State North Carolina

General locality ~~Pamlico Sound~~ Pungo River

Locality ~~Upper Part Pungo River~~ Broade Smith Creeks, & Vicinity

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

Vessel MIKAWA

Chief of party John A. Bond

Surveyed by D. M. Watt

Inked by D. M. Watt and A. M. 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 B

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

Pamlico Sound, N. C.
Upper part 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 details in this territory were compiled by the air-photo compilation party.

GENERAL DESCRIPTIONS

This sheet covers both shores of Pungo River from Sheet A on the north to Sheet C on the west, including all of Broad, Smith and Tarkiln Creeks.

LANDMARKS FOR CHARTS

There are no landmarks in this territory.

CONTROL

Numerous triangulation stations on the shoreline of Pungo River gave strong control for shoreline along the river. Traverses were run up the creeks.

SURVEY METHODS

Standard Coast Survey methods were used throughout. No traverses were necessary along the river shore as the triangulation stations were occupied first and the hydrographic signals located by intersections, which locations were later used as control points. Three point fixes supplemented this control where necessary.

All the shoreline was compared with the air-photo compilation sheets with excellent agreement except near the heads of the creeks. These minor discrepancies were adjusted to agree with the photo compilation.

No attempt was made to rod the shoreline with an accuracy other than adequate for boat sheet purposes.

RECOVERABLE PLANETABLE POSITIONS

Owing to the frequency of triangulation stations, no permanent recoverable planetable positions were established on this sheet.

GEOGRAPHIC NAMES

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

NON-FLOATING AIDS TO NAVIGATION

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

Submitted by

D. M. Watt

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

Approved:

John A. Bond

John A. Bond
Lieut. U.S.C. & G.S.
H. & G. Engineer
Chief of Party

REVIEW OF GRAPHIC CONTROL SURVEY T-6338, SCALE 1/10,000

Date of Review *March 6, 1936 (T-5550)*
March 12, 1936 (T-5551)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5550 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* ✓
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. *none submitted* ✓

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5550 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* ✓

Leonard A. McSauer
March 6, 1936.

B. G. Jones