

6348

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. K

State North Carolina

LOCALITY

~~PAWLEE SOUND~~ - Pungo River

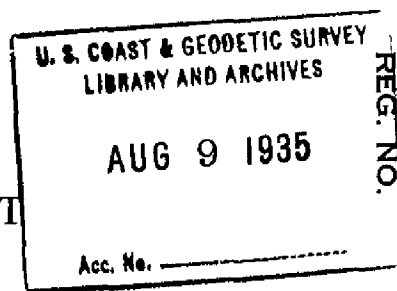
Fortescue Creek and Abel Bay

1935

CHIEF OF PARTY

John A. Bond

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



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. K

REGISTER NO. **6346**

State North Carolina

General locality ~~PAMLICO SOUND~~ Pungo River

Locality ~~Pungo River~~ - Fortescue Creek and Abel Bay

Scale 1:10,000 Date of survey January, 19 35

Vessel MIKAWE

Chief of party John A. Bond

Surveyed by T. A. Rydingsvard

Inked by T. A. Rydingsvard

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated August 31, 19 34

Remarks: _____

DESCRIPTIVE REPORT

To Accompany Topographic Sheet K

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

Pungo River
Fortescue Creek
and Abel Bay

GENERAL DESCRIPTION

The sheet covers all of Fortescue Creek and Abel Bay near the east side of the mouth of Pungo River.

The country is low. The area surrounding Abel Bay is all deep marsh except at the heads of the small creeks where it becomes wooded. Fortescue Creek extends into a heavily wooded area with a large part of the shoreline marsh.

There are no settlements immediately adjacent to either body of water and no features outstanding enough to warrant comment. See photo-compilation for details.

LANDMARKS

There are no natural objects within the limits of the sheet suitable as landmarks.

CONTROL

Control for Abel Bay was adequate, however, no triangulation stations were available for tying in traverses at the heads of the small creeks.

Control for Fortescue Creek was very sparse. Signals Zid and Dux were located by topographic methods on sheet J and transferred to this sheet and from these about 3 miles of traverse was run to station Fortescue, 1935. No triangulation stations were available to tie in traverses at the heads of the smaller tributary creeks.

SURVEY METHODS

Standard Coast Survey methods were used throughout. No attempt was made to rod the shoreline with accuracy other than adequate for boat sheet purposes. Closures were adjusted in the field and to agree with the photo compilation.

PLANETABLE POSITIONS

There were no natural objects suitable as permanent marks and no planetable positions were marked.

CHARACTER OF MARSHES

Marsh is mostly firm and is covered only at times of high wind tides.

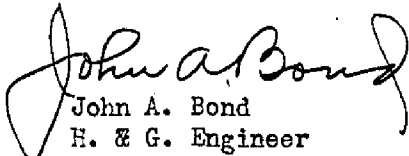
NOTE

This sheet was compared with the photo-compilation sheets Nos. 5555 & 5556 by means of the new type projector in the office of Lieutenant Grenell and good agreement was found throughout.

Submitted by,

T. A. Rydingsvard
Surveyor, C. & G. S.

Approved:


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

REVIEW OF GRAPHIC CONTROL SURVEY T-6346, SCALE 1/10,000

March 20, 1936. (T-5555)
Date of Review March 25, 1936 (T-5556)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5555, 5556, 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. *none submitted*

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5555, 5556, 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.

Comparison with T-5555.

The station HOK in Log Creek is out of position by 27 meters on T-6346.

Stations WEE and VIM in Warner Creek are out of position, the largest difference being in sta. WEE, about 10 meters.

Station FOX in Smokehouse Creek is out of position 11 meters on T-6346. These differences can be accounted for only as plane table errors as the compilation has been checked from the photographs. These stations on the hydrographic survey H-5856 have been moved and are now in agreement with the compilation on H-5856.

Leonard A. McSauer
March 23, 1936.

- J. G. Jones