

6339

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. C

State North Carolina

### LOCALITY

PUNGO RIVER - ~~East of Durants Pt.~~

Upper Dowry Creek to  
Durants Point

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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REG. NO.

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. C

REGISTER NO. **6339**

State North Carolina

General locality ~~Pamlico River~~ Pungo River

Locality Upper Dowsy Creek to  
~~Upper Part Pungo River~~ Durants Point

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

Vessel MIKAWE

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, 19 35

Remarks: \_\_\_\_\_



## DESCRIPTIVE REPORT

To Accompany Topographic Sheet C

Instructions dated August 31, 1934  
Project HT-197

Pungo River  
East of Durants Pt.

### 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 east of Durants Point and all of Upper Dowery Creek and Lower Dowery Creek. It is joined on the east by sheet B and on the west by sheet D.

### LANDMARKS FOR CHARTS

Landmarks for charts and a list of non-floating aids to navigation will be submitted in a separate report. *what report?*

### CONTROL

The sheet was well controlled by triangulation established from 1914 to 1935, and adjusted in the field to the N.A. 1927 datum.

### SURVEY METHODS

Standard Coast Survey methods were used throughout. No traverses were necessary along the shoreline of Pungo River. Triangulation stations were occupied first and the hydrographic signals located by intersections, which points were later used as control points. Traverses were run in the creeks.

All shoreline was compared with the air-photo compilation sheets and excellent agreement was found except near the head of Upper Dowery Creek. The minor discrepancy of shoreline and signals in the vicinity was 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.

### RECOVERABLE PLANETABLE POSITIONS

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



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-6339, SCALE 1/10,000

Date of Review March 10, 1936. (T-5552)  
March 12, 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~~ below.
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. No descriptions have been submitted

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5552, , 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

Comparison with T-5552

The position of signal "Ox" in Lower Dowry Creek is in error by about 10 meters of position. This will be seen by comparing compilation T-5552 with this survey. Other signals are correct. positions

same.

Comparison with T-5551

The following signals in Upper Dowry Creek are <sup>shown</sup> out of position from 0.5 to 10 mm. Mo, Cru, Vox, Aug, Gris, Fes, Ork and Von.

See review of T 5551

Leonard A. Nielsen  
B.G. Jones