

6371

Graphic Control

U. S. COAST & GEODETIC SURVEY
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OCT 31 1935

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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton *Director*

State ~~North~~ Carolina

DESCRIPTIVE REPORT

Topographic }
Hydrographic } Sheet No. "T"

LOCALITY

Alligator River

~~Deep~~ Deep
~~Point~~ News point to Cherry Ridge

Landing

1935.

CHIEF OF PARTY

Raymond P. Eymann

U. S. GOVERNMENT PRINTING OFFICE: 1921

1233

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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OCT 16 1935

REG. NO.

TOPOGRAPHIC TITLE SHEET

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. "T" **T6371**

REGISTER NO.

State North Carolina

General locality Alligator River

Locality Deep Pt. to Cherry Ridge Landing
Newport News Point to Cherry Ridge Landing

Scale 1/10,000 Date of survey July, 1935

Vessel M.V. Natoma

Chief of Party R. P. Eyman

Surveyed by E. L. Jones and John C. Bull

Inked by E. L. Jones

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 "T", Alligator River, N.C.

Instructions

The work on this sheet was done in accordance with instructions dated Aug. 31, 1934 for Project HT-189 M.V. Natoma.

Limits and Scale

Surveyed on a scale of 1-10,000 the sheet covers portions of the Alligator River from Deep Pt. to Cherry Ridge Landing.

It is joined on the east by sheet "S" and is the last sheet of this project up the Alligator River.

Control and Survey Methods

The control consisted of 13 triangulation stations adequately spaced to give rigid control over the larger part of the area.

Hydrographic signals were all cut in from triangulation stations except those to the north and west of Δ Knee, which were located by traverse by Ensign John C. Bull. This traverse was run from Δ Knee to Δ Sawyer, a distance of 1.3 miles with a closure of 1 meter.

There seems to be a small discrepancy between the magnetic meridians,

General Description of Topographic Features

The shoreline on this sheet is extremely foul with stumps, cypress knees, and fallen trees. The waterline at Δ Moss is very indefinite due to the cypress trees growing out into the water. Station Knee is on a 3 meter islet.

Fish stakes extending out into the river at the entrance to the Alligator River-Pungo River Canal are dangerous for small craft operating at night. The stakes enclosed by small black circles were rodded in.

The wrecked barge at Deep Pt. is partly on the shoreline. The piling in the old wharf at Deep Pt. enclosed by a small black circle were rodded.

The land area on this sheet is thickly covered with juniper, black gum, laurel, cypress, and southern pine except the area immediately adjacent to the canal which is covered with marsh grass and briers.

Statistics

Shoreline - - - - -	2.5 mi. stat.
Area surveyed - - - - -	0.2 sq. mi.
Traverse - - - - -	1.3 mi.

New Names

The only new name appearing in this area is "Cherry Ridge Landing" in the vicinity of \emptyset Sal.

Signals

A list of positions of signals is attached.

Landmarks

The beacons are the only landmarks and they are listed on form 567.

Approved and forwarded,
Raymond L. Egan
Chief of Party.

Respectfully submitted,
Edmund L. Jones

List of positions of Signals

<u>Name</u>		<u>Latitude</u>		<u>Longitude</u>	
Tid	35	40 984 (865)	- 76	04 653 (856)	Bn.#18 (Locationn
Mis		39 1786 (63)		03 1507 (02)	of tide gage)
Bow		39 1557 (292)		04 1308 (201	
Aft		39 1505 (344)		05 685 (824)	
Oar		40 1467 (382)		05 320 (1189)	
Mol		40 1569 (280)		05 1410 (99)	
Lit		40 42 (1807)		06 363 (1146)	Beacon #20
Cut		39 1625 (224)		06 637 (872)	
War		40 937 (912)		06 642 (867)	
Gin		40 1665 (184)		07 38 (1471)	
Cop		40 1682 (167)		07 787 (722)	
Sub		40 390 (1459)		06 1416 (93)	
Pal		41 1052 (797)		07 1186 (323)	
Hot		41 902 (947)		08 120 (1389)	
Dog		41 1324 (525)		07 1464 (44)	
Bus		41 1305 (544)		08 353 (1156)	
Car		41 1670 (179)		08 51 (1458)	
Sea Sea.		42 56 (1793)		08 282 (1227)	
Men		41 1698 (151)		08 483 (1026)	
Ty		42 191 (1658)		08 467 (1042)	
Sal		42 357 (1492)		08 726 (783)	
Sev		42 348 (1501)		08 924 (585)	
En		42 257 (1592)		08 924 (585)	

Date. Nov. 20, 1935.

Chart No. **1231**

Under investigation. Q

[illegible]

REVIEW OF GRAPHIC CONTROL SURVEY T-6371, SCALE 1/10,000.

Date of Review Apr. 2, 1936.

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5573, , 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-5573, , 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. McGowan
April 2, 1936.