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6370b

Graphic Control

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

OCT 31 1935

Acc. No. _____

Form 504
Ed. June, 1928
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: North Carolina

DESCRIPTIVE REPORT

Topographic } Sheet No. R45
Hydrographic }

LOCALITY

Alligator River

Orange Pt. to Deep Pt.

1935

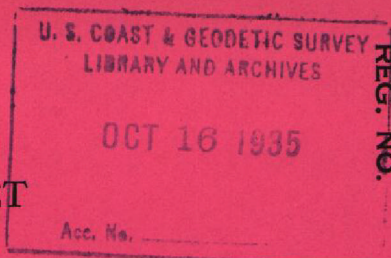
CHIEF OF PARTY

Raymond P. Eymann, H. & G. E.

U. S. GOVERNMENT PRINTING OFFICE: 1928

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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. "R" T6370 a

REGISTER NO.

State North Carolina

General locality Alligator River

Locality Orange Pt. to Deep Pt.
From Frying Pan through Grapevine Bay

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

Vessel M.V. Natoma

Chief of Party R. P. Eyman

Surveyed by E. L. Jones

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 "R", Alligator River, N.C.

Instructions

This work 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 shoreline of Alligator River from Orange Pt. to one mile south of Poplar Ridge Pt. and includes Grapevine Bay.

The sheet is joined on the north by sheet "Q" and on the south by "S".

Control and Survey Methods

The control consisted of 6 triangulation stations which gave good control over the entire sheet. All of the hydrographic signals were located by cuts, three point fixes, or resections except the following:

① Mag : located by rod distance from ① Tim.

① Raw: " " " " " a traverse station established from ① Tim.

① Sap: located by two cuts and a distance from ① Rum.

① Fuz: " " " " " " " " " " "

The signals Eye, Fuz, Sap, and Raw were located by J.C.Bull.

The dashed line off shore at Poplar Ridge Pt. is the puter limits of water area full of stumps and cypress knees. This line was established from estimated distances.

General Description of Topographic Features

The entire shoreline is extremely foul with stumps, cypress knees, and fallen trees. On the entire shoreline, except on the Island at Grapevine, a heavy growth of cypress, laurel, black gum, and southern pine extend down to the water's edge.

Statistics

Shoreline - - - - -	1.4 stat.mi.
Area surveyed - - -	0.2 sq. mi.
Traverse - - - - -	0.2 mi.

New Names

There are no new names appearing on this sheet.

Signals

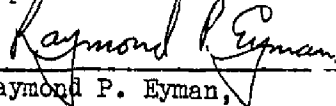
A list of positions of signals is attached.

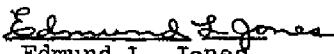
Landmarks

There are no prominent landmarks on this sheet other than beacons which are listed on other sheets.

Respectfully submitted,

Approved and Forwarded


Raymond P. Eyman,
Chief of Party.


Edmund L. Jones,
Aid, Topographer,

List of positions of Signals

<u>Name</u>		<u>Latitude</u>		<u>Longitude</u>
Eye	35	44 400 (1449)	- -	76 02 1116 (392)
Fuz		44 198 (1651)		03 27 (1481)
Sap		43 1564 (285)		02 1250 (258)
Rum		43 1282 (567)		03 219 (1289)
Mut		43 288 (1561)		03 667 (-841)
Jef		42 787 (1062)		03 687 (-821)
Mag		42 710 (1139)		03 273 (1235)
Tin		42 655 (1194)		02 1485 (-23)
Raw		42 202 (1647)		03 784 (-724)
Lem		44 613 (1236)	75	59 1032 (476)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

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. "S" T6370 b

REGISTER NO.

State North Carolina

General locality Alligator River

Locality Orange Pt. to Deep Pt.
New Port News Point and Vicinity

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

Vessel M.V. Natoma

Chief of Party R. P. Eyman

Surveyed by E. L. Jones

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 "S", Alligator River, N.C.

Instructions

This work 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 shoreline of the Alligator River from Whipping Creek to Newport News Pt. and Deep Pt.

The sheet is joined on the north by "R" and on the west by "T".

Control and Survey Methods

The control consisted of 13 triangulation stations adequately spaced to give rigid control over the entire sheet.

Hydrographic signals were all located by cuts, three point fixes, or resections.

A slight discrepancy is noted between the magnetic meridians.

Description of Topographic Features

The shoreline on this sheet is similar to that thruout the Alligator River, being foul with stumps, knees, and fallen trees.

The area in the vicinity of A Cove² is swamp land with a scattering of cypress and pine. The rest of the land area on this sheet is thickly wooded with black gum, laurel, cypress, and southern pine.

Statistics

Shoreline	- - - - -	0.7 mi. stat.
Area surveyed	- - - - -	0.1 mi. sq.
Traverse	- - - - -	0.0

New Names

No new names were found for this area.

Signals


A list of positions of hydrographic signals is attached.

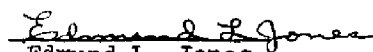
Landmarks

The only landmarks are the beacons which are listed on form 567.

Respectfully submitted,

Approved and forwarded,


Raymond P. Eymann
Chief of Party.


Edmund L. Jones,
Aid, Topographer.

List of Positions of Signals

<u>Name</u>	<u>Latitude</u>	<u>Longitude</u>
Pin	35 42 702 (1147) - - 76	00 173 (1335)
Oil	40 1356 (493)	00 579 (930)
Nal	40 1057 (792)	00 636 (873)
Lip	40 427 (1422)	00 1313 (196)
Cup	39 844 (1005)	01 322 (1188)
Pig	39 1097 (752)	02 1152 (358)
Cal	39 1692 (157)	03 308 (1192)
Rot	40 1067 (782)	03 541 (968)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

M.V. Natoma, Elizabeth City, N.C.

October 16, 1935 193

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

Raymond P. Eymann

Chief of Party.

[illegible]

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance.

The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tail stack, red chimney, radio mast, etc. Generally, flagstuffs and like objects are not sufficiently permanent to chart.

Diagram No. 1228-2

Approved by the Division of Geographic Names, Department of Interior. ✕

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

[illegible]

REVIEW OF GRAPHIC CONTROL SURVEY T-6370^b, SCALE 1/10,000

Date of Review *April 3, 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. McSauer
April 3, 1936.

REVIEW OF GRAPHIC CONTROL SURVEY T-6370^a, SCALE 1/10,000

Date of Reviews. April 7, 1936. (T-5569)
 April 3, 1936 (T-5573)
 April 10, 1936 (T-5570)

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5569, 5573, 5570, 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-5569, 5573, 5570, 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 ✓

Lernard A. Mitsam
 April 7, 1936.