

6526ab

6526ab

Form 504 Rev. Dec. 1933 DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. <u>A & B</u>
State <u>North Carolina</u>	
LOCALITY	
<u>Cape Fear River</u>	
<u>Reaves</u> <u>Reaves Point to Keg Island</u>	
1937	
CHIEF OF PARTY	
<u>Benjamin H. Figg</u>	

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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MAY 11 1937

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. A

REGISTER NO. T6526a

State North Carolina

General locality Cape Fear River

Reaves

Locality Reaves Point to Orton Point

Scale 1/10,000 Date of survey April 7, 1937

Vessel Benjamin H. Rigg

Chief of party Benjamin H. Rigg

Surveyed by Benjamin H. Rigg

Inked by Benjamin H. Rigg

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated Orders March 31, 1937

Remarks: Survey made to check locations of fixed aids to navigation.

DESCRIPTIVE REPORT TO ACCOMPANY
GRAPHIC CONTROL SHEET A

U. S. COAST & GEODETIC SURVEY
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MAY 11 1937

Acc. No. _____

INSTRUCTIONS

Orders dated March 31, 1937

PURPOSE

The purpose of this survey was to obtain locations for fixed Aids to Navigation that had been built since the last survey. To locate any additional land marks for the chart and the use of the Lighthouse Service. The sheet was also laid out so that it covered not only the area in the Cape Fear River under examination but also the Coastal area as well. This was done with the idea that the sheet would serve for future surveys both in the river and on the coast.

LIMITS OF SHEET

This sheet includes that area of the Cape Fear River and the ocean beach bounded by Lat. $34^{\circ} 00'$ and $34^{\circ} 03'$ and Long. $77^{\circ} 52.8'$ and $77^{\circ} 57.7'$.

CONTROL

The following triangulation stations were used as control on this sheet:

TANK ETHYL DOW CHEM CO	1934	CANAL ENT. F. LT. 72	1933
STACK " " " "	"	CANAL ENT. R. LT. 72	"
GRAVE	1917	RUINS	1917
END	1933	REEVES PT. 2	" *
I.W. LT. NO. 84	"		

*The station mark has been washed out but a recovered point was used which was obtained by an azimuth and measured distance from the reference marks.

SURVEYING METHODS

Standard topographic methods were used in obtaining the locations shown on this sheet.

AIDS TO NAVIGATION AND LAND MARKS LOCATED

UPPER MIDNIGHT CHAN. R.F. BN.	I.W. BN. 78
MIDNIGHT CHAN. LT. 17	I.W. BN. 76
LOWER MIDNIGHT CHAN. R.F. LT.	I.W. BN. 69
JUNCTION LT. NO. 80	TANK COLONIAL BEACH

MAY 11 1937

Acc. No. _____

Residents at Colonial Beach advised me that the Tank, which I have located had been built within the past year.

Special attention is called to the note stating that all fixed Aids to Navigation shown on this sheet in red ink were located between April 5 and April 9. 1937

Respectfully submitted



Benjamin H. Rigg

Chief of Party

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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MAY 11 1937

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. B

REGISTER NO. T6526b

State North Carolina

General locality Cape Fear River

Locality Orton Point to Keg Island

Scale 1/10,000 Date of survey April 7, 19 37

Vessel Benjamin H. Rigg

Chief of party Benjamin H. Rigg

Surveyed by Benjamin H. Rigg

Inked by Benjamin H. Rigg

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated Orders March 31, 1937

Remarks: Survey made to check locations of fixed Aids to

Navigation

DESCRIPTIVE REPORT TO ACCOMPANY
GRAPHIC CONTROL SHEET B

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

MAY 11 1937

Acc. No. _____

INSTRUCTIONS

Orders dated March 31, 1937

PURPOSE

The purpose of this survey was to obtain locations for fixed Aids to Navigation that had been built since the last survey. To locate any additional land marks for the chart and the use of the Lighthouse Service. The sheet was also laid out so that it covered not only the area in the Cape Fear River under examination but also the Coastal area as well. This was done with the idea that the sheet would serve for future surveys both in the river and on the coast.

LIMITS OF SHEET

This sheet includes the area of the Cape Fear River and the Ocean Beach bounded by Lat. $34^{\circ}02.6'$ and $34^{\circ}05.7'$ and Long. $77^{\circ}52.2'$ and $77^{\circ}57.1'$.

CONTROL

The following triangulation stations were used as control on this sheet:

END	1933	PINES	1917
A U.S.E.	1917	SPRUNT	1917

SURVEYING METHODS

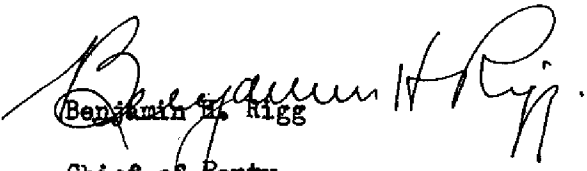
Standard topographic methods were used in obtaining the locations shown on this sheet.

AIDS TO NAVIGATION LOCATED

WILMINGTON SHORT CUT BN. NO. 2	WILMINGTON SHORT CUT BN. NO. 5
" " " " " 1	" " " " " 7
" " " " " 4	" " " " " 8
" " " " " 3	" " " " " 10
" " " " " 6	ORTON PT. LT. 12 A
	LILIPUT MID BN. 23

Especial attention is called to the note stating that all fixed Aids to Navigation shown on this sheet in red ink were located between April 5 and 9, 1937

Respectfully submitted


Benjamin H. Rigg
Chief of Party

REVIEW OF GRAPHIC CONTROL SURVEY T-^{6526 a+b}, SCALE 1:10,000

Date of Review 5/18/37

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-⁵⁰⁴¹, , , with particular attention to the following details:

- (a) Projection has been checked in the ^{office} Field.
- (b) Accuracy of location of plane table control points.
- (c) Discrepancies between detail on this survey and the air photo compilations listed above.
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-⁵⁰⁴¹, , , 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.

Notes and corrections resulting from the review are shown on this survey in green.

L. C. Lande

T 6526 a

△ Lower Midnight Chan. R. F. Lt. 1917 was plotted 0.4 mm. out in latitude which will affect the location of the aids to navigation in the vicinity but the amount of error would not exceed 0.4 mm. The correct position of the Navigation Station is shown on the a.c. Sheet in correct position in green

L. C. L. *offgones*

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOSTAT OF~~

~~No. 11~~
No. T-6526ab

{ received May 11, 1937
registered May 12, 1937
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
20			
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RETURN TO

82	C. K. Green
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