DESCRIPTIVE REPORT

Topographic

State North Carolina

LOCALITY
Cape Fear River
Reaves Reef to Keg Island

1937

CHIEF OF PARTY
Benjamin H. Bizz
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. T65262

State North Carolina

General locality Cape Fear River Reaves

Locality Roanoke 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 Ordare March 31, 1937

Remarks: Survey made to check locations of fixed aids to navigation...
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° 00' and 34° 03' and Long. 77° 52.8' and 77° 57.7'.

CONTROL

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

TANK ETHYL DOW CHEM CO 1934
STACK 1917
GRAVE 1933
I.W. LT. NO. 74

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

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 April 9, 1937.

Respectfully submitted

[Signature]
Chief of Party
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, 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
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°20.6' and 34° 05.7' and Long. 77° 5212' and 77° 57.1'.

CONTROL

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

END
A U.S.E. 1933 PINES 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
" " " "  " 6  ORTON PT. LT. 12 A
LILIPUT MID BN. 23

Especially 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-6526a+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-3041, , 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.

(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-3041, , 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. Lands

T 6526a

Lower Midnight Creek. R. F. Lt. 1917 was plotted 0.4 mm. out in latitude which will affect the location of the aide to triangulation in the vicinity but the amount error would not exceed 0.4 mm. The correct position of the triangulation station is shown on the a.c. sheet in correct position in green.

L.C. Wordsen
MEMORANDUM
IMMEDIATE ATTENTION

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.

<table>
<thead>
<tr>
<th>ROUTE</th>
<th>Initial</th>
<th>Attention called to</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62</td>
<td></td>
<td></td>
</tr>
<tr>
<td>63</td>
<td></td>
<td></td>
</tr>
<tr>
<td>82</td>
<td></td>
<td></td>
</tr>
<tr>
<td>83</td>
<td></td>
<td></td>
</tr>
<tr>
<td>88</td>
<td></td>
<td></td>
</tr>
<tr>
<td>90</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RETURN TO
82  C. K. Green