

6494

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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 }
Hydrographic } Sheet No. T-6494

State North Carolina

LOCALITY

Approaches to Cape Fear River

Caswell Beach to Lockwood Folly
Inlet.

193 6

CHIEF OF PARTY

Raymond P. Eyma

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

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. **T6494**

State North Carolina

General locality Approaches to Cape Fear River

Locality Caswell Beach to Lockwood Folly Inlet

Scale 1-20,000 Date of survey July 1936, 19

~~XXXX~~ Southport Snag Location Party.

Chief of party Lieut-Comdr. Raymond P. Eymann

Surveyed by R.E.Dille and L.Hubert Carlock, Jr.

Inked by L.H.Carlock, Jr.

Heights in feet above.....to ground to tops of trees

Contour, Approximate contour, Form line interval.....feet

Instructions dated June 10, 1936, 19

Remarks: Control sheet only, to locate signals for drag work

* DESCRIPTIVE REPORT *

To accompany Topographic Sheet " B "

Authority: This work was done in accordance with instructions dated 6-10-36

Locality: North Carolina, Cape Fear River Approaches. Shrimp fishing grounds off Swain's Fishery, vicinity of Caswell Beach.

Limits and Scale: This control sheet was done on a scale of 1-20,000 and extends along the beach from a junction with Sheet "A" westward to Lockwood Folly Inlet.

General Description: This sheet was used only as a control sheet to locate hydrographic signals for the drag work on the shrimp fishing grounds.

Land Marks: No landmarks are existant along this stretch of beach.

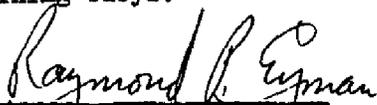
Control: The usual plane table methods were used. From station "Lock" (Ref. Mark #2 for triangulation station "Lock 1923") a plane table traverse was run eastward, using a 400 ft. wire for measuring distances, instead of stadia, to a connection with station "Join". (The entire traverse from "Lock" to "Pond" had a closing error of about 40 meters in length and azimuth - which was adjusted at the various stations with the help of theodolite cuts from Cape Fear Light and at several stations along the traverse. Stations Bonham and U.S.E. Rt of W Mon #24 were occupied for a few cuts.

List of Plane Table Positions :

Name	Lat.	D.M.	Long.	D.P.	Remarks.
Pole	33 55	159	78 06	1311	Pole in tree.
Join	33 54	1027	78 06	1333	m.d. Hydro. signal.
Gab	33 54	1346	78 08	333	m.d. gable of shack.
Dav	33 54	1494	78 09	697	m.d. davit of wreck.
Dune	33 54	1613	78 11	222	m.d. Hydro. signal
Bud	33 54	1518	78 12	821	m.d. " "

Topographers: R.E. Dille and L. Hubert Carlock, Jr., Hands

Remarks: All stations were marked and described for future referene and use by the U.S.L.H.Service in maintaining buoys.


Raymond P. Eymen,
Chief of Party.

REVIEW OF GRAPHIC CONTROL SURVEY T-6494, SCALE: 20,000,

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-⁵²⁴², , , 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- , , , for a more complete discussion of any errors or discrepancies found.

None
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.

H. V. Schleiter

V. B. Jones