

4041

G. & G. SURVEY
ACKNOWLEDGED
DEC 7 - 1923
Acc. No.
L. & A. SEC.

4041

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
State: <u>N. Carolina</u>
11-5613
DESCRIPTIVE REPORT.
Topog. Sheet No. <u>(B)</u> <u>4041</u>
LOCALITY:
<u>Cape Fear River</u>
<u>Sugar Loaf to Eagle's I</u>
<u>23</u> <u>19X</u>
CHIEF OF PARTY:
<u>A.M. Sobieralski</u>

DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY  
E. LESTER JONES, DIRECTOR.

C. & G. SURVEY  
L. & A.  
DEC 5 1923  
Acc. No.

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET. No. B

4041

Cape Fear River,  
Southport to Wilmington, N.C.

SEASON OF 1923

Steamer LYDONIA.

A.M. Sobieralski, H. & G. E., Chief Of Party.

# DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET No. \_\_\_\_\_

Cape Fear River,

Southport to Wilmington, N.C.

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The topography executed on this sheet was for revision of the present charts, and was surveyed by a sub-party from the Lydonia. This work was carried on under the direct supervision of Lieut. L.P. Raynor.

The shore line near the fish factories on the Cape Fear River was surveyed, to show locations and additions to wharves in this vicinity. The first dock coming up the river, belonging to the Menhaden Corp., now has six iron stacks. The station known as "Two iron stacks of fish factory", does not check, as it plots between the shore and the present location of the fish factory. The second dock coming up the river, belonging to the Fisheries Products Company, is not located on the present chart. The station known as "The second stack", is now the third stack from the river, because they have added some new stacks, making a total of six stacks now. The third dock coming up the river belonging to the Taylor Fisheries Inc. is no longer in use. They report that a boat drawing ten feet of water can dock at these docks, but the channel

is such that there is a tendency to fill in by the docks and has to be dredged out each spring.

The small group of islands just opposite the docks on the right hand side of the channel coming up the river, are spoil banks caused by dredging the channel out. They are covered with marsh grass, and show above high water.

The small island to the right of the Lower Lillput Front Ranger beacon, was formed by the spoil from the dredge and is only bare at low water, excepting one spot covered with marsh grass which is bare at high water.

Keg island which is to the right of the channel as you come up the river, looks from the channel as if it is bare at low water, but it was found to be covered with about three feet of water at low water. It is covered with tall marsh grass which gives it this appearance.

The island on the left of the channel opposite Keg Island was formed by the dredge and is only partly bare at high water; it is also covered with marsh grass.

The old dock shown on the sheet is an old dock on Campbell Island; it is no longer used by boats.

The small island to the northward of Campbell Island and to the left of the channel, is a spoil bank and is covered with marsh grass. This island is bare at high water.

The island on the left hand side of the channel and opposite the nun buoy #24, is another island caused from the spoil of the dredge. It is covered with marsh grass and is bare at high water.

In reference to the small group of islands on the right hand side of the channel and just to the northward of Fourth En Jetty Rear Range; this group was caused by the dredge and is only bare at low water; except two small spots which are bare at high water; they are of white sand and mud structure.

The islands on the opposite side of the channel are of the same characteristic, and are only bare at low water. Also the island to the northward of this group is only bare at low water, and has the same characteristic of the other.

The low water line as shown on the sheet was actually rodded in. Only additions and changes in the topography are shown on this sheet.

November 30, 1923.

Respectfully Submitted

*E.M. Denbo*  
E.M. Denbo, Deck Officer.

*Examined & Approved*  
*A. M. Sobieralski*  
*H. & G. E., C. & G. Survey*  
*Chief of Party*

ADDRESS THE DIRECTOR  
U. S. COAST AND GEODETIC SURVEY

AND REFER TO No. 4-DRM

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
WASHINGTON

January 29, 1924.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4041

Cape Fear River, N. C.

Surveyed in 1923

Instructions dated May 7, 1923

Chief of Party, A. M. Sobieralski.

Surveyed and inked by E. M. Denbo.

1. The records conform to the requirements of the General Instructions.
2. The character of the survey satisfies the General Instructions and its plan and extent satisfy the specific instructions. The magnetic meridian should have been shown.
3. As the descriptive report states that the additions and changes in the locality are shown, there is no need for further surveying.
4. The character and scope of the surveying and field drafting are excellent.
5. Reviewed by E. P. Ellis, January, 1924.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

4041

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. (B) 4041

State North Carolina . . . . .

General locality Cape Fear River . . . . .

Locality Sugar Loaf Hill to Eagles I.  
Southport, N.C. to Wilmington, N.C. . . . . .

Chief of party A.M. Sobieralski, . . . . .

Surveyed by E.M. Denbo, D.O. . . . . .

Date of survey October 30, to November 3, 1923. . . . .

Scale 1:20,000 . . . . .

Heights in feet above . . . . .

Contour interval . . . . . feet.

Inked by E.M.D. . . . . . Lettered by E.M.D. . . . . .

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet . . . . .

Remarks: