



# 3534

Diagram No. 1231-1

Acc. No. \_\_\_\_\_  
OCT 27 1913  
LIBRARY AND ARCHIVES  
C. & G. SURVEY

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LIBRARY AND ARCHIVES  
OCT 27 1913  
Acc. No. \_\_\_\_\_

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

\_\_\_\_\_  
*Superintendent.*

State: *A.C.*

## DESCRIPTIVE REPORT.

*Hyd. Sheet No. 3534*

LOCALITY:

*Mouth of Neuse  
River*

\_\_\_\_\_  
*1913*  
\_\_\_\_\_

CHIEF OF PARTY:

# 3534

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Discriptive Report  
to accompany Hydrographic Sheet  
Examination of Shoals  
Mouth of Neuse River,  
North Carolina

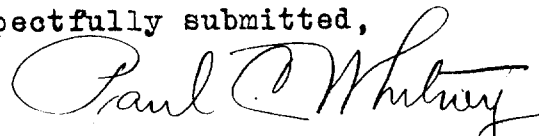
The hydrography on this sheet consists of development at the mouth of Turnagain Bay, the shoal at Neuse River Light-house and the point of shoal at red buoy No. 4, Jones Bay. These points were developed in accordance with instructions of April 22, 1913.

The signals as plotted depend upon triangulation done by this party during the current season.

Buoys within the limits of the sheet are plotted from angles obtained, as the field work permitted. These and other buoys in Bay River are recorded in the volume of hydrographic records, accompanying this sheet.

Tides were read at Oriental, N. C. to reduce the soundings at Turnagain Bay and at Neuse River L. E. to reduce the soundings made at Jones Bay and Neuse River L. E.

Respectfully submitted,



Commanding Str. Hydrographer.

MKQ  
Nov. 11, 1913.

HYDROGRAPHIC SHEET 3534

Neuse River, N. C., by  
Assistant P. C. Whitney in 1913.

TIDES.

	Neuse River Light ft.	Oriental ft.
Mean low water, or plane of reference on staff	2.1	3.5
Lowest tide observed " "	0.9	2.8
Highest " "	3.3	4.6
Mean range of tide.	0.3	0.3