



3732

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Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

Superintendent.

State: North Carolina

DESCRIPTIVE REPORT.

Hydrographic Sheet No. 3732

LOCALITY:

Albemarle Sound

1915

CHIEF OF PARTY:

P. C. Whitney

11-4045

3732

# 3732

## Descriptive Report

to accompany Hydrographic Sheet, Letter B732

Albemarle Sound

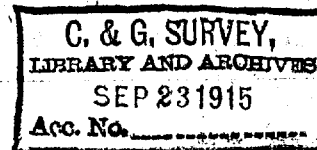
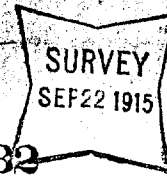
North Carolina

February - April 1915

Steamer Hydrographer

Paul C. Whitney

Chief of Party



H. 3732.

An excellent sheet with exception that the shore line is omitted contrary to regulations.

It is presumed that the triangulation stations with uninked names were not recovered.

Serial examined in Div. of Hydro. & Topog.

75° 49'; and launch work along the south shore from  $\Delta$  Bel to Alligator Point and along the north shore from Little River to Wade Point.

The signals are from the triangulation of Boutelle's, 1909, Garner's, 1914 and work of this party in 1915. There are numerous topographic signals located from a planetable traverse of this season and some located by the sounding party. The angles for these are recorded in the sounding records.

The hydrography was done as an entire new survey of the Sound, disregarding all previous work. Lines were run, with the ship 1/2 mile apart, North and South and 2 miles apart East and West. The character of the bottom is smooth, the depths averaging about 3 fathoms. The bottom in most places is soft mud. No irregular soundings were obtained with the ship.

Small boat work not covered by the 1/20000 sheets was done

done on this sheet and it extends along the south south shore from  $\Delta$  Bel to near Alligator Point and on the north shore from Little River to a little beyond Wade Point. This work was picked up at the termini of the ship's lines and run to the shore, with about 5 lines to the mile. They were run close enough to well determine the 6 and 12 foot curves. These lines are controlled from signals determined by a plane table traverse and signals located from the boat.

Along the shore, both North and South, there are numerous stumps and dead trees, which sometimes extend out quite a ways. Where there are stumps present remarks to that effect were made in the sounding records. There are also many fish pounds along the shore, some reaching out a mile or more off the beach. There are many old fish net stakes. The fishermen never pretend to pull up the stakes when they abandon old net sites and as a consequence the sound is full of them, some being stout enough to damage a propellor blade if hit.

Flatty Creek was sounded out to an extent that the importance of the place seem to warrent. It is very shoal and across the entrance is a bar which blocks the mouth there being only 2 feet in the deepest places. There is no channel across. There is a fishing settlement in the entrance, with fish sheds built on piles. These are shown on the topographic sheet. Only shallow draft gasoline boats are used by these ~~fishermen~~ fishermen and there is no commerce other than this using this Creek.

Work was stopped on this sheet April 20th, by orders of the

Superintendent. At the time the small work was almost across  
Alligator River. This work is now in the limits of Sheet F and  
when taken up should be done on that sheet.

All the buoys within the limits of the work were located  
and are plotted in their true positions.

Tides were read at Laurel Point Lighthouse and Wade Point  
Lighthouse to reduce the soundings by.

Respectfully submitted,

*Paul Whitney*  
Chief of Party, C. & G. Survey

List of Statistics, Sheet E. (concl'd)

Unit for soundings on this sheet; Fathoms.

Tide gauge at Laurel Point L.H.	Plane of reference	2.7 feet on staff
	Lowest tide Observed	1.8 feet
	Highest tide	" 4.00 "
Tide Gauge at Wade Point L. H.	Plane of reference	2.5 feet on staff
	Lowest tide observed	-0.4 "
	Highest tide observed	3.7 feet

List of Statistics

Hydrographic Sheet Field Letter E

Laurel Point to Powells Point

Albemarle Sound

North Carolina

Date	Letter	Vol.	Miles	Positions	Soundings	Boat.
1915						
Feb. 19	A	1	29.0	109	903	Hydrographer
20	B	1	19.5	64	528	"
23	C	1	24.4	83	708	"
Mar. 1	D	1	8.0	26	205	"
2	E	2	14.0	40	351	"
4	F	2	39.0	115	982	"
10	G	2	39.2	115	1004	"
10	G	3	13.0	39	341	"
11	H	3	17.8	50	443	"
12	J	3	25.0	72	611	"
13	K	3	23.0	60	508	"
15	L	3	14.0	39	337	"
15	L	4	17.1	44	427	"
16	M	4	29.3	83	730	"
18	N	4	49.0	133	1209	"
18	N	5	8.0	23	203	"
19	P	5	36.2	95	899	"
23	Q	5	47.2	129	1167	"
24	R	5	6.4	20	178	"
24	R	6	48.8	135	1211	"
25	S	6	46.8	131	1187	"
30	T	7	48.3	126	1104	"
Apr. 2	a	8	8.5	49	334	Launch # 51
5	b	8	13.5	71	495	"
6	c	8	14.8	76	513	"
7	d	8	23.0	109	769	"
8	e	9	15.8	87	569	"
9	f	9	21.3	115	768	"
12	g	9	13.8	78	485	"
14	h	9	5.8	31	211	"
14	h	10	4.5	33	223	"
15	j	10	3.3	18	137	"
16	k	10	12.3	76	584	"
20	l	10	20.6	1103	687	"
Totals			760.7	2577	21011	

VEC  
Oct.12,1915

HYDROGRAPHIC SHEET 3732.

L. P. S.

Albemarle Sound, North Carolina, by Assistant P. C.  
Whitney in 1915.

TIDES.

	Laurel Pt.Lt. ft.	Wade Pt.Lt. ft.
Mean low water, or plane of reference on staff	2.7	2.5
Lowest tide observed " "	1.8	-0.4
Highest " " " "	4.0	3.7
Mean range of tide	0.3	0.2