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Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
E. Lester Jones, Director	
C. & G. SURVEY L. & A. NOV 8 1926	
State: <u>Florida</u>	
DESCRIPTIVE REPORT	
<i>Topographic</i> <i>Hydrographic</i>	Sheet No. "D" 4563
LOCALITY	
<u>Gulf Coast</u>	
<u>Tampa Bay - Mangrove Point to</u>	
<u>Gadsden Point</u>	
1926	
CHIEF OF PARTY	
<u>Ray L. Schoppe</u>	

November 18, 1926.

Division of Hydrography and Topography:

✓ Division of Charts:

Tide reducers are approved in  
3 volumes of sounding records for

C HYDROGRAPHIC SHEET NO. 4563

Locality: FLORIDA WEST COAST

Chief of Party: R. L. Schoppe in 1926.

Plane of reference is M.L.W.  
2.6 ft. on tide staff at St. Petersburg.

For reduction of soundings, condition of records satisfactory  
except as checked below:

1. Locality and sublocality of survey omitted.
2. Month and day of month omitted
3. Time meridian not given at beginning of day's work.
4. Time (whether A. M. or P. M.) not given at beginning of day's work.
5. Soundings (whether in feet or fathoms) not clearly shown in record.
6. Leadline correction entered in wrong column.
7. Field reductions entered in "Office" column.
8. Location of tide gauge not given at beginning of each day's work.
9. Leadline corrections not clearly stated.
10. Kind of sounding tube used not stated.
11. Sounding tube No. entered in column of "Soundings instead of "Remarks".
12. Legibility of record could be improved.
13. Remarks.

*Starr*  
Chief, Division of Tides and Currents.

✓

DESCRIPTIVE REPORT

to accompany

HYDROGRAPHIC SHEET

NO. . . . .

(Field Letter "D")

TAMPA BAY FLORIDA.

STEAMER BACHE

RAY L. SCHOPPE

COMMANDING

1926

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DESCRIPTIVE REPORT

to accompany

HYDROGRAPHIC SHEET

NO.

(Field Letter D)

This sheet extends from a point 225 meters South of Gadsden Point, then S. E. to about 3 miles N. E. of Mangrove Point, then following the shoreline in a Southwesterly direction to about 1 3/4 miles S. W. from Little Manatee River. Then Westerly and Northeasterly to the limits of Sheet "B". This sheet covers the triangular area between sheets "B" and "C" in the vicinity of Mangrove Point. Little Manatee River is plotted on a 1/10000 scale.

The entire area covered by this sheet has remained unchanged since the last Survey. It was found that the shoal S. E. of Gadsden Point and S. E. of the dredged cut is extending to the Northward.

The crossings on this sheet are very good. On the S. E. side of the channel and on the spoil bank, there was at all times during the day a fleet of barges working, taking sand and gravel up and taking it to St. Petersburg and Tampa for commercial use. This caused some irregular soundings in this locality. The channel lines on this sheet were run to check the width of the channel. No change in depth was found. It agrees with the chart No. 177 covering this area. The shoreline is low and flat and shoal water extends for some distance offshore.

No landmarks or natural ranges were noted. The aids to navigation are easily recognized and lead to the best water, The chart is a guide for navigation in this area.

Respectfully submitted,

(Signed) R. C. Overton,  
Mate, C. & G. Survey.

Approved and forwarded,

*Ray L. Schoppe*  
Ray L. Schoppe.



STATISTICS SHEET NO.

(Field Letter D )

							Miles		
Date 1926	Letter	Volume	Positions	Soundings	Statute	Vessel			
April 14	a	1	117	622	34.4	Lch. # 2			
" 15	b	1	27	123	7.0	" "			
" 19	c	1	44	224	11.8	" "			
" 21	d	1	107n	446	27.8	" "			
" 21	d	2	48	254	14.2	" "			
" 22	e	2	102	505	25.8	" "			
" 23	f	2	109	521	28.7	" "			
"						" "			
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"						" "			
"						" "			
TOTAL			554	2695	149.7				

							Miles		
Date, 1926	Letter	Volume	Positions	Soundings	Statute	Vessel			
April 20	a	1	52	226	9.5	Lch. # 1			
TOTAL			52	226	9.5				

## Section of Field Records

Report on Sheet No. 4563.

Surveyed in April, 1926.

Chief of Party - R. L. Shope.

Surveyed by - R. C. Overton.

Projected by - C. A. Egner.

Soundings plotted by - C. A. Egner.

Verified and Inked by - D. R. Rounds.

1. The records conform to the requirements of the General Instructions.
2. The plan and character of the development fulfills the requirements of the General Instructions.
3. Sounding line crossings are adequate.
4. The usual depth curves can be completely drawn. Some of the irregularities in the curves were probably caused by erroneous tide gauge readings, due to rough water. Sounding lines made in the same vicinity on different days show small differences in depths.
5. The field plotting was completed to the extent prescribed in the General Instructions.
6. All areas within the limits of this sheet are well developed, and further surveying is unnecessary.
7. The character and scope of the surveying is very good and the field drafting excellent.

Respectfully submitted.

D. R. Rounds.

8. 08.

IN REPLY ADDRESS THE DIRECTOR  
U. S. COAST AND GEODETIC SURVEY  
AND NOT THE SIGNER OF THIS LETTER

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

AND REFER TO NO. 11-DEM

WASHINGTON January 18, 1927.

SECTION OF FIELD RECORDS

Report on Hydrographic Sheet No. 4563

Tampa Bay, Florida

Surveyed in 1926

Instructions dated June 3, 1924 (HYDROGRAPHER)

Chief of Party, R. L. Schoppe.

Surveyed by R. C. Overton.

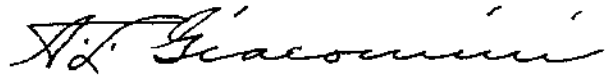
Protracted and soundings plotted by C. A. Egner.

Verified and inked by D. R. Rounds.

1. The records conform to the requirements of the General Instructions except that no bottom characteristics are noted for C day (launch No. 2) and very few are noted on D, E and F days (launch No. 2).
2. The plan and character of development satisfy the requirements of the General Instructions except that it appears that the lines could have been run closer inshore in some places as was done on the old surveys. Owing to the little change that has taken place in this area, this sheet can be supplemented by the old surveys to fill in the blank areas inshore except at the entrance to Little Manatee River, where the change is more pronounced.
3. The plan and extent of the survey satisfy the requirements of the specific instructions except that more soundings should have been taken in the vicinity of the wreck.
4. The information is sufficient for drawing the usual depth curves.
5. The sounding line crossings are adequate.
6. The usual field plotting was done by the field party and was well executed.
7. The junctions with the adjacent contemporary surveys will be taken up when those sheets are reviewed.

8. No additional work is necessary, unless it is desired to extend the work further inshore as hereinbefore noted.
9. Character and scope of surveying - very good.  
Field drafting - excellent.
10. Reviewed by A. L. Shalowitz, December, 1926.

Approved:

  
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Chief, Section of Field Records (Charts)

  
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Chief, Section of Field Work (H. & T.)





DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

REG. NO. 4563

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. D

REGISTER NO. 4563

State Florida

General locality Tampa Bay Gulf Coast Florida

Locality Little Manatee R. and Mangrove Pt. to Gadsen Pt.  
~~Tampa and Hillsboro Bays~~

Scale 1:20,000 Date of survey April 14 to 23, 1926

Vessel Str. BACHE

Chief of Party Bay L. Schoppe

Surveyed by R. C. Overton

Protracted by C. A. Egner

Soundings penciled by C. A. Egner

Soundings in ~~FEET~~ feet

Plane of reference M. L. W.

Subdivision of wire dragged areas by

Inked by

Verified by

Instructions dated June 3, 1924 December 3, 1925

Remarks: