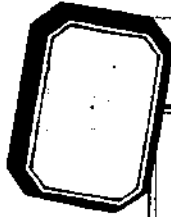


4571



Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

E. Lester Jones, Director

C. & G. SURVEY
L. & A.
NOV 26 1926

State: Florida

DESCRIPTIVE REPORT

Topographic } Sheet No. " G " 4571
Hydrographic }

LOCALITY

Tampa Bay
~~Gulf Coast~~

~~Rock Ciega Bay - North Part, From~~
Long Four Mile Bayou and
~~Indian Rocks Beach to John's Pass~~

Gulf Coast

1926

CHIEF OF PARTY

Ray L. Schoppe

HYDROGRAPHIC SURVEY OFFICE

4571

11
December 11, 1926.

Division of Hydrography and Topography:

Division of Charts:

Tide reducers are approved in
5 volumes of sounding records for

HYDROGRAPHIC SHEET NO. 4571

Locality: FLORIDA WEST COAST.

Chief of Party: R. L. Schoppe

Plane of reference is M L W
2.9 ft. on tide staff at Welch Bridge
3.5 ft. -----do----- Indian Rock Bridge.
3.7 ft. -----do----- Pulver Bridge

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.

G. H. Rude
Chief, Division of Tides and Currents.

DESCRIPTIVE REPORT

to accompany

SHEET #

FIELD SHEET "G"

BOCA CIEGA BAY

FLORIDA GULF COAST

STEAMER BACHE

1926

DESCRIPTIVE REPORT

to accompany

SHEET #

FIELD SHEET "G"

BOCA CIEGA BAY

FLORIDA GULF COAST

STEAMER BACHE

1926

The work on this sheet is authorized by orders to the Steamer HYDROGRAPHER dated June 3, 1924, and to the Steamer BACHE dated December 3, 1925. ✓

The sheet covers Boca Ciega Bay North of Turtle Crawl Point through the Narrows to the South end of Clearwater Harbor in Lat. $27^{\circ}53'$. It also includes the adjoining inshore Gulf area and Long Bayou. It joins sheet "F" on the South, and sheet "H" on the North. On the West it joins work done by the HYDROGRAPHER. ✓

The water area covered by this sheet is of slight importance. Long Bayou is not used by anybody; it is obstructed by oyster bars. In Boca Ciega Bay a shallow dredged cut was formerly maintained through the Narrows, but this has shoaled until only two feet can safely be carried through it at low water. This channel is marked by pile beacons. On the Gulf side of the island a gently sloping beach is noted with no obstructions worth mention. Indian Pass is not navigable. It is obstructed by a pile trestle. It will be noted that the present location of this pass is a mile North of the former location. ✓

Currents are of moderate strength, but are confused. The flood tide sets in through John's Pass, Indian Pass, and South through Clearwater Harbor. ✓

Changes since the previous survey are easily noted on this sheet. As noted above, Indian Pass has cut through at a different place. Welche's Causeway and Seminole Bridge have been built to take care of an increasing amount of automobile traffic. Madeira Beach has just opened up for business and it is now a popular bathing beach. Indian Rocks Beach is another popular amusement place.

No changes of names were noted. A few new ones that are well known, have been added to this sheet. The field work was done by R. C. Overton, Mate. No unusual methods were used. ✓

In reducing tides, the gauge nearest the work was used in all cases. Changes from one gauge to the other are noted in the sounding book. ✓

A table of statistics is attached.

Respectfully submitted,

Ray L. Schoppe

Approved and forwarded

Ray L. Schoppe

Ray L. Schoppe, Chief of Party.

STATISTICS

SHEET NO.

(Field letter "G")

Date, 1926	Letter	Volume	Positions	Soundings	Miles Statute	Vessel
Aug. 12	a	1	145	512	26.0	Lch. #2
" 18	b	1	52	165	9.5	" "
" 18	b	2	93	291	14.0	" "
TOTAL			290	968	49.5	

Date, 1926	Letter	Volume	Positions	Soundings	Miles Statute	Vessel
Aug. 20	a	1	107	726	17.0	Skiff
TOTAL			107	726	17.0	

Date, 1926	Letter	Volume	Positions	Soundings	Miles Statute	Vessel
Aug. 10	a	1	83	415	13.0	Lch. #1
" 11	b	1	151	784	19.6	" "
" 23	c	1	38	231	8.2	" "
TOTAL			272	1430	40.8	

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

AND REFER TO No. 11-DEM

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

May 17, 1927.

SECTION OF FIELD RECORDS

Report on Hydrographic Sheet No. 4571

Boca Ciega Bay, Tampa Bay, Florida

Surveyed in 1926

Instructions dated June 3, 1924 (HYDROGRAPHER)
Dec. 3, 1925 (BACHE)

Chief of Party, R. L. Schoppe.

Surveyed by R. C. Overton.

Protracted by C. A. Egner.

Soundings plotted by F. G. Johnson.

Verified and inked by J.C. MacNab.

1. The records conform to the requirements of the General Instructions except that there was a scarcity of bottom characteristics.
2. The plan and character of development conform to the requirements of the General Instructions with the exception that the time interval for soundings should have been reduced in the shallow channels as well as on the lines crossing the channel.
3. The plan and extent of the survey satisfy the specific instructions considering the general unimportance of the area (see descriptive report, page 1). However, since paragraph 13 of the specific instructions calls for a careful and close development of all channels, it is believed that a closer development should have been made of the channel into Boca Ciega Bay, from John's Pass to above Welch's Causeway. *Not necessary. R*
4. The information is sufficient for drawing the usual depth curves except in the channel about 1/2 mile north of John's Pass.
5. The field plotting was completed to the extent prescribed in the General Instructions and was well executed with the exception that in transferring the low water line from the topographic sheet, no consideration was given to the zero soundings as developed by the hydrography.

6. The junction with H. 4572 on the north is satisfactory.

The junctions with the other contemporary surveys will be taken up when those sheets are reviewed.

7. Additional work is necessary in the channel leading into Boca Ciega Bay from about 1/2 mile north of John's Pass to \odot Bin northwest of Welch's Causeway. *Not necessary R*

8. Character and scope of surveying - good.
Field drafting - very good.

9. Reviewed by A. L. Shalowitz, May, 1927.

Approved:

Chief, Section of Field Records (Charts)

L. O. Polk

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

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

AND REFER TO NO. 11-DRM

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

May 13, 1927.

Report on Verification of H. 4571

Boca Ciega Bay, Florida

Chief of Party, Ray L. Schoppe

Surveyed by R. C. Overton

Date, August, 1926.

The records and notes of this sheet were well kept and are complete except that more bottom characteristics should have been noted in the sounding records.

The protracting was accurately executed and the time intervals between soundings carefully adhered to.

The development is sufficient although it would have been better if the time interval had been reduced so that twice the number of soundings could have been taken.

The sheet was clean and the work legible.

The drafting conforms to the General Instructions except that the zero or mean sea level curve was taken from the topographic sheet and inked without regard to zero sounding. These curves had to be entirely erased and now where there are no zero soundings the topographic sheet supplies the mean ~~sea-level~~ curve.

low water

John C Mac Nab
Draftsman

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4571

HYDROGRAPHIC TITLE SHEET

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. G. 4571

REGISTER NO.

State Florida

General locality Tampa Bay Gulf Coast Florida

Locality Upper Boca Grande Bay Long Four Mile Bayou and Gulf Coast

Scale 1:10,000 Date of survey August, 1926

Vessel Str. BACHE

Chief of Party Ray L. Schoppe

Surveyed by R. C. Oyster

Protracted by C. A. Rener

Soundings penciled by E. G. Johnson

Soundings in ~~fathoms~~ feet

Plane of reference M. L. W.

Subdivision of wire dragged areas by

Inked by

Verified by

Instructions dated June 3, 1924 December 5, 1925

Remarks: