

FE65

Diagram No. 1257

NOAA FORM 76-35A

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT (HYDROGRAPHIC)

Type of Survey ... Field Examination

Field No.

Office No. FE-65

LOCALITY

State Florida

General Locality ... Tampa Bay

Locality Snug Harbor

1948

CHIEF OF PARTY
J. Bowie Jr.

LIBRARY & ARCHIVES

DATE

☆ U.S. GOV. PRINTING OFFICE: 1976-669-441

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as:

FE No.2 1948

FE65

FE No.2 1948

Diag'd. on diag. ch. No. 1257

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Hydrographic

Field No. Office No. FE No. 2 1948

LOCALITY

State Florida

General locality Tampa Bay

Locality Snug Harbor

1948

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B-1870-1 (1)

FE No.2
1948

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

POST-OFFICE ADDRESS:

Gen. Del. Ship SOSBEE
Panama City, Fla.

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

1 April 1948

To: Director
U. S. Coast & Geodetic Survey
Commerce Building
Washington 25, D. C.

Subject: Supplemental Instructions, Project C. P. - 3
Report on Special Survey, Snug Harbor.

As instructed in Supplemental Instructions dated 15 March 1947, a hydrographic survey of Snug Harbor and South Gandy Channel was made 9 - 12 March 1948.

The hydrography was performed according to standard procedure outlined by the Hydrographic Manual. Soundings were obtained by means of a 808 Portable Depth Recorder mounted in Launch 130.

For control, a tank and the ventilator of a building were identified on Chart 587 and on Topographic Map No. T-5828 the following were identified: the NE corner of the dog track grandstand, the ventilator of a prominent building, a brick house, and a small house. The position of a new radio tower, WTSP, was obtained from the Tampa Air-Photo Office. Using these objects for control, other signals were located by sextant.

The western part of the hydrography is plotted on the Topographic Map and the eastern half plotted on Chart 587.

Predicted tides were used for the reduction of soundings but more accurate reducers can be obtained from the record of the standard tide gage in operation at St. Petersburg, Florida.

The deep water in Snug Harbor was the result of dredging for developing real estate. South Gandy Channel was formed by dredging to make a fill for the west end of Gandy Bridge.

NAMES - It is recommended that SNUG HARBOR be placed on the Chart instead of Masters Bayou. The latter name is not in local use. 814

CHANNEL DEPTHS

A depth of ⁷8 ft. can be carried to Collany's dock in Snug Harbor.

ANCHORAGES

Small craft can anchor in the channel in Snug Harbor in depths of 11 to 18 ft. Snug Harbor is used as a harbor refuge during tropical storms.

AIDS TO NAVIGATION

Along the south side of South Gandy Channel are a number of piles of concrete slab, and one beacon. These should be charted.

STATISTICS

Nautical miles sounding: 16
Number of positions : 97
Area, square miles : $\frac{1}{2}$

John Bowie, Jr.

John Bowie, Jr.
Lieut. Comdr., C&GS
Comdg. Ship SOSBEE

NO FORMAL VERIFICATION OR REVIEW OF THIS WORK WAS CONSIDERED NECESSARY.

VERIFICATION WAS MADE OF SELECTED SNDGS ON CORRECTION PROOF, AS INDICATED BY LEADERS ON THE ACCOMPANYING DRAWINGS. FINAL REDUCED VALUES ARE SHOWN APPENDED TO THE SELECTED SOUNDINGS

- A.R. STIRNI -

Masters Bayou/Snug Harbor:

- 1) The old name of Masters Bayou was shown only on the older U.S.E. St. Petersburg quadrangle of 1921. The names report of 1941 (S.R. 22, sheet No. 30) verified it as from the name of an early settler, and it was placed on the $7\frac{1}{2}$ ' PORT TAMPA quadrangle and chart 587.
- 2) In view of the apparent new development of this body of water, the new name of SNUG HARBOR can therefore be easily applied, without waiting for a Board decision, but it seems a pity that the developers of the new project did not pick a more distinctive name, since there are scores of "Snug Harbors" along the coasts of the U.S.

Geographic Names

4/21.48 L.H.

240m

839

TIDE NOTE FOR HYDROGRAPHIC SHEET

~~Division of Hydrography and Topography~~

15 April 1948

Division of Charts: H. W. MURRAY

Plane of reference approved in
1 volumes of sounding records for FE No. 2 1948

HYDROGRAPHIC SHEET

Locality - Old Tampa Bay, Florida

Chief of Party: J. Bowie in 1947
Plane of reference is mean low water, reading
3.3 ft. on tide staff at St. Petersburg
5.5 ft. below B. M. 4 (1925)

Height of mean high water above plane of reference is 1.5 feet.

NOTE: Tide reducers have been entered in red, these reducers have been verified.

Condition of records satisfactory except as noted below:

E. C. McKay
Section
Chief, ~~Division~~ of Tides and Currents.

Hydrographic Surveys (Chart Division)

HYDROGRAPHIC SURVEY NO. F.E. #2, 1948

Records accompanying survey:

Boat sheets; sounding vols. 1.....; wire drag vols. 0.....;
bomb vols. 0.....; graphic recorder rolls 1.....;
special reports, etc. 1 copy chart 587.....
..... 1 copy topo sheet T-5828.....

The following statistics will be submitted with the cartographer's report on the sheet:

Number of positions on sheet
Number of positions checked
Number of positions revised
Number of soundings revised (refers to depth only)
Number of soundings erroneously spaced
Number of signals erroneously plotted or transferred
Topographic details Time
Junctions Time
Verification of soundings from graphic record Time

OF SELECTED SNDS.

Verification by A.P. STIRNI..... Total time 11 hrs. Date 4/20/48.

Reviewed by..... Time Date

VERIFIER'S REPORT OF HYDROGRAPHIC SURVEY NO. H- F. E. #2, 1948

The verifier should deal with the present hydrographic survey only, as the reviewer considers its relation to previous surveys and published charts. He should be thoroughly familiar with Chapters 3, 7 and 9 of the Hydrographic Manual.

1. The descriptive report was consulted and appropriate notes were made in soft pencil regarding action taken.
2. Soundings originating with the survey and mentioned in the descriptive report have been verified, including latitude and longitude.
3. All reference to survey sheets mentioned in the descriptive report include the registry number and year.
4. Geographic names of hydrographic features if on sheet are in slanting lettering and of topographic features in vertical lettering.
5. All items affecting the plotting of the survey which are entered in the remarks columns of the sounding records were noted and check marked. In all cases appropriate action was taken.
6. All positions verified instrumentally were check marked in the sounding records.
7. All critical soundings are clear and legible and are a little larger than the adjacent soundings.
8. The metal protractor has been checked within the last three months.
9. The protracting and plotting of all bad crossings were verified.
10. All detached positions locating critical soundings, rocks or buoys were verified.
11. The boat sheet was compared with the smooth sheet.

12. The spacing of soundings as recorded in the records was closely followed.
13. The bottom characteristics were shown on outstanding shoals.
14. The reduction and plotting of doubtful soundings were checked.
15. The transfer of contemporary topographic information was carefully examined.
16. All junctions were transferred and overlapping curves made identical.
17. The notation "JOINS H- (19--)" was added in ink for all contemporary adjoining or overlapping sheets now registered. Those not verified are shown in pencil.
18. The depth curves have been inspected before inking.
19. All triangulation stations and transfer of topographic and hydrographic signals were checked.
20. Heights of rocks were checked against range of tide.
21. Rocks transferred from topographic surveys have a dotted curve where shown thereon. Rocks located accurately by hydrographer are encircled by dotted red curve.
22. Unnecessary pencil notes have been removed.
23. Objects on which signals are located and which fall outside of the low water line have been described on the sheet.
24. The low water line and delineation of shoal areas have been properly shown.
25. Degree and minutes values and symbols have been checked.
26. Questionable soundings have been checked on the fathograms.

27. Source of shoreline and signals (when not given in report).
28. All notes on sheet are in accordance with figure 171 in the Hydrographic Manual.
29. All aids located, with those on contemporary topographic sheets, have been shown on survey.
30. Depth curves were satisfactory except as follows:
31. Sounding line crossings were satisfactory except as follows:
32. Junctions with contemporary surveys were satisfactory except as follows:
33. Condition of sounding records was satisfactory except as follows:
34. The protracting was satisfactory except as follows:
35. The field plotting of soundings was satisfactory except as follows:
36. Notes to reviewer:

Verified by

Date



