

# 5849

on Diag. Ch. 1256

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Planimetric Map

Field No. \_\_\_\_\_ Office No. T-5849

### LOCALITY

State Florida

General locality Sarasota Bay

Locality Whitfield Estates

Date of Photos: December 1939

194

### CHIEF OF PARTY

Ray. L. Schoppe

### LIBRARY & ARCHIVES

DATE

May 12 - 1947

8-1870-1 (1)

# 5849

COMPILATION REPORT  
To Accompany  
SHEET NO. T-5849

CONTROL

There is only one triangulation station within the limits of this sheet. The main radial plot, of which this sheet is a part, was adequately controlled and all intersections for secondary control were excellent so the control for this sheet is considered adequate.

RADIAL PLOT

A report on the main radial plot may be found in the compilation report for Sheet T-5851.

Control points to supplement the secondary points of the radial plot were added and cut in by the compiler.

DETAILING

The photographs were clear and sufficient for detailing.

This sheet was compiled according to instructions dated April 3, 1940 for Project H. T. 242; and paragraph 13 of instructions dated November 16, 1942 for Project C. S. 290. In conformity with the above instructions the northern and eastern portions of this sheet have not been compiled.

The field inspection for this sheet was done according to instruction for War Mapping work; these field notes have been interpreted by the compiler to conform to Coastal Survey classifications.

Some details on the compilation, the houses and street at approximate latitude  $27^{\circ}22'25''$ , longitude  $82^{\circ}33'15''$ , the channel at latitude  $27^{\circ}24'50''$ , longitude  $82^{\circ}34'40''$ , and scattered houses do not appear on the 1:10,000 photographs used. These details were noticed by the field inspector and were taken from nine lens photographs 11479 and 11481, 1:20,000 photographs made in 1942, and projected for accurate location on the details.

War Mapping information on roads, contours, elevations, and vegetation have been added to this compilation in red or green ink.

#### SUPPLEMENTAL DATA

There were available 1:20,000 scale nine lens photographs numbers 11479 and 11481 taken November 9, 1942. The use of these photographs was covered in the portion of this report under DETAILING.

#### LANDMARKS AND AIDS TO NAVIGATION

There are no nonfloating aids to navigation or landmarks to be charted on this sheet.

#### HYDROGRAPHIC CONTROL

Five unmarked H. & T. Stations have been located by cutting in from photographs by the compiler and may be recovered for use by the hydrographic party.

The following marked H. & T. Stations have been established and may be recovered for use by the hydrographic party:

Station	Year	Established by
RING	1943	K. G. Crosby
SIX	"	"

#### GEOGRAPHIC NAMES

The geographic names for this area have been covered in a report submitted to the Washington Office by Jack W. Stingley, Junior Topographic Engineer. This report was done as a part of Project C. S. 290, instructions for which were dated November 6, 1942.

#### COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Nautical Chart 1256 of 1:80,000 scale was available for comparison with the Survey Sheet. The scale difference of the Chart and Survey Sheet precludes other than a broad comparison, however, chart 1256 does omit the following features:

The basin at latitude  $27^{\circ}22'35''$ , the small channel at latitude  $27^{\circ}24'50''$ , longitude  $82^{\circ}34'30''$ , the general shoreline in the area of Whitfield Estate, and the roads to the shoreline south of  $27^{\circ}24'$ .

The compilation sheet T-5849 should supersede present charted information.

Respectfully submitted,

*Milton M. Slavney*  
Milton M. Slavney,  
Prin. Eng. Draftsman

Forwarded by 5/1/44

*Ray L. Schoppe*  
Ray L. Schoppe,  
Chief of Party.

Descriptive Report

T-5849

The original descriptive report for T-5849 has been lost. This statement is submitted in lieu of the descriptive report and gives the essential facts regarding the map.

T-5849 is one of a series of planimetric maps in project CS-242F which were compiled in the Tampa Photogrammetric Office.

Nine-lens photographs taken  
December 12, 1939.

Field inspection in December 1943.

Compiled in Tampa Photogrammetric  
Office and submitted to the Washington  
Office in 1944.

The Washington Office processing of maps in this area was delayed by war map work of the Bureau. T-5849 was reviewed in 1945, smooth drafted in 1946, and printed early in 1947.

This statement will be replaced by the original descriptive report if and when the latter is found.

*B. G. Jones*

B. G. Jones  
Technical Assistant to the  
Chief, Div. of Photogrammetry  
6 May 1947

APPROVED:

Technical Assistant to the  
Chief, Div. of Photogrammetry

*K. T. Adams*  
Chief, Div. of Photogrammetry

*J. E. Gettendine*  
Chief, Nautical Chart Branch  
Division of Charts

*C. K. Green*  
Chief, Div. of Coastal Surveys

*found & attached hereto*

*Note: A copy of the original report was obtained and added hereto 9/19/47*

## DATA RECORD

T-5849

Quadrangle (II): Project No. (II): H.T.242 G

Field Office: Tampa, Fla. Chief of Party: Ray L. Schoppe

Compilation Office: Tampa, Fla. Chief of Party: Ray L. Schoppe

Instructions dated (II III): 4/3/40-- Copy filed in Descriptive  
11/16/42 Report No. T- (VI)

Completed survey received in office:

Reported to Nautical Chart Section:

Reviewed: 8/19/45 Applied to chart No. Date:

Redrafting Completed:

Registered: 12 May 1947 Published:

Compilation Scale: 1:10,000 Published Scale:

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927 Datum Plane (III): M.S.L.

Reference Station (III): Whitfield Estates Tank, 1934

Lat.: 27°25'13.514" (415.9M) Long.: 82°33'39.088" (1073.7M) Adjusted  
~~Unadjusted~~

State Plane Coordinates (VI):

X = 318,052.68

Y = 1,122,363.92

Military Grid Zone (VI)

## DATA RECORD

T-5849

Quadrangle (II):

Project No. (II):

H.T. 242 G

Field Office: Tampa, Fla. Chief of Party: Ray L. Schoppe

Compilation Office: Tampa, Fla. Chief of Party: Ray L. Schoppe

Instructions dated (II III): 4/3/40-- Copy filed in Descriptive  
11/16/42 Report No. T- (VI)

Completed survey received in office: 5/1/44

Reported to Nautical Chart Section: 1/26/45

Reviewed: — Applied to chart No. Date:

Redrafting Completed: 12/13/46

Registered: 5/47 Published: 9/5/47

Compilation Scale: 1:10,000 Published Scale:

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927 Datum Plane (III): M.S.L.

Reference Station (III): Whitfield Estates Tank, 1934

Lat.:  $27^{\circ}25'13.514''$  (415.9M) Long.:  $82^{\circ}33'3.9.088''$  (1073.7M) Adjusted  
~~Unadjusted~~ dx

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
4124	12/12/39	9:23	1:10,000	-0.4 ft.
4125	"	9:24	"	-0.4 ft.
4126	"	9:25	"	-0.4 ft.
4165	"	10:12	"	-0.1 ft.
4166	"	10:13	"	-0.1 ft.
4167	"	10:14	"	-0.1 ft.

Tide from (III): Sarasota Point

Mean Range: 1.3 Spring Range: 1.7

Camera: (Kind or source) U. S. C. & G. S. 9 lens

Field Inspection by: H.A.Duffy, Prin. Photo. Aid date: Dec. 1943  
L.C.Bonham, Jr. Topo. Engr.

Field Edit by: date:

Date of Mean High-Water Line Location (III): December 1943

Projection and Grids ruled by (III) Wash. Office date: 1/5/44

" " " checked by: " " date: 1/8/44

Control plotted by: Milton M. Shavney, Prin. Engr. date: 1/13/44

Control checked by: Wm. H. Shearouse, Asst. Photo Engr. date: 1/13/44  
Drafts.

Radial Plot by: Tampa Office Personnel date: 2/1/44

Detailed by: Milton M. Slavney, Prin. Engr. Drafts. date: 2/22/44

Reviewed in compilation office by: Frank H. Elrod, date:  
Prin. Photo. Aid

Elevations on Field Edit Sheet  
checked by: date:



PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
4124	12/12/39	9:23	1:10,000	-0.4 ft.
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Driftsman

Control checked by: Wm. H. Shearouse, Asst. Photo. Engr.                      date: 1/13/44

Radial Plot by: Tampa Office Personnel                      date: 2/1/44

Detailed by: Milton M. Slavney, Prin. Engr. Driftsman                      date: 2/22/44

Reviewed in compilation office by: Frank H. Elrod,                      date:  
Prin. Photo. Aid.

Elevations on Field Edit Sheet                      \_\_\_\_\_  
checked by:                      date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 2.8

Shoreline (More than 200 meters to opposite shore):

Shoreline (Less than 200 meters to opposite shore): 5.5

Number of Recoverable Topographic Stations established: 3

Number of Temporary Hydrographic Stations located by radial plot: 5

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

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Remarks:

C  
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Y

COMPILATION REPORT  
To Accompany  
SHEET NO. T-5849

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### COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

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Respectfully submitted,

/s/ MILTON M. SLAVNEY

Prin. Engr. Draftsman

Forwarded 5/1/44

Ray L. Schoppe

Chief of Party