

5848

On Diag. Ch. 1256

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photo Compilation

Field No. _____ Office No. T-5848

LOCALITY

State Florida

General locality Sarasota Bay

Locality Longboat Key

Date of Photos: Dec. 12, 1939

1944

CHIEF OF PARTY

Comdr. Ray L. Schoppe

LIBRARY & ARCHIVES

DATE

May 12 - 1947

B-1870-1 (1)++

5848

DATA RECORD

T- 5848

Quadrangle (II):

Project No. (II): HT-242-F

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
Report No. T- (VI)

Completed survey received in office: 5/3/44

Reported to Nautical Chart Section: 8/21/44

Reviewed: LT. Stevens
8/45

Applied to chart No.

Date:

Redrafting Completed: 10/31/46

Registered: 3/47

Published: 11/27/46

Compilation Scale: 1:10,000

Published Scale: 1:10 000

Scale Factor (III): 1.00

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

Reference Station (III): WHALE KEY, 1908

Lat.: 27°23'35.602" (1095.8M) Long.: 82°37'39.044" (1072.7M) Adjusted
#####

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>
4139	12/12/39	9:46 A.M.	1:10,000	-0.3 ft.
4140	"	9:47 A.M.	"	-0.3 ft.
4141	"	9:48 A.M.	"	-0.3 ft.

Tide from (III): Sarasota Point (Re: Tampa Bay)

Mean Range: 1.3 ft. Spring Range: 1.7 ft.

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

Field Inspection by: H. A. Duffy, Prin. Photo. Aiddate: Dec. 1943

Field Edit by: date:

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

Projection and Grids ruled by (III) Wash. Office date: Dec. 4, 1943

" " " checked by: " " date: Dec. 8, 1943

Control plotted by: M.M. Slavney, Prin. Engr. Drfts. date: Jan. 1944

Control checked by: W.H. Shearouse, Asst. Photo. Engr. date: Jan. 1944

Radial Plot by: Tampa Office Personnel date: Jan. 1944

Detailed by: M.M. Slavney, Prin. Engr. Draftsman date: Feb.,
E.E. Gray, Sr. Engr. Draftsman Mar, 1944

Reviewed in compilation office by: J.A. Giles, date: April, 1944
Asst. Photo. Engr.

Elevations on Field Edit Sheet
checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 2.73

Shoreline (More than 200 meters to opposite shore): 19.2

Shoreline (Less than 200 meters to opposite shore): 0.0

Number of Recoverable Topographic Stations established: 10

Number of Temporary Hydrographic Stations located by radial plot: 20

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:

COMPILATION REPORT
To Accompany
SHEET NO. T-5848

CONTROL

Only two triangulation stations appear on this compilation. As this sheet is part of a main radial plot covering several sheets, this control was considered sufficient. Secondary control points were established by the main radial plot and these were used to establish additional radial points. By using these secondary points good intersections were obtained except in the line of flight or very near it at approximate latitude $27^{\circ}23'$ southward to latitude $27^{\circ}21'$. In this area the adjacent flight line was too far away to permit additional cuts, so some intersections were obtained from only two radial cuts. These are shown on the sheet in green circles.

Δ Longboat Key 2, 1940
Δ Whale Key, 1908

20 Mtd Hgt.

MAIN RADIAL PLOT

Reference is hereby made to the compilation report for sheet No. T-5851 wherein the main radial plot, of which this sheet is a part, is discussed.

DETAILING

Photographs covered the area satisfactorily, except there was only the single flight as discussed under CONTROL. The photographs were taken in December, 1939 and the high water line had changed considerably on the Gulf side of Longboat Key and had to be located by chaining to it from objects which could be identified on the photographs.

Field inspection was thorough along the shoreline and inland.

War Mapping classifications have been added in red and green ink.

SUPPLEMENTAL DATA

No supplemental data was available.

LANDMARKS AND AIDS TO NAVIGATION

There are no landmarks on this sheet.

The aids to navigation (Lt. 26 or F. R., Lt. R. R., Lt. 28 and R. R. Board) are not shown on

the sheet as they could not be identified on sufficient photographs to cut them in. The sheet is being sent in without these aids to navigation as they are not necessary for War Mapping purposes. It will be re^d called at a later date and they will be added.

*cut in by H.T. Stinson
Aug. 1945*

GEOGRAPHIC NAMES

The geographic names for the area covered by this sheet have been discussed in a special report on Geographic Names submitted to the Washington Office in March, 1944 by Jack W. Stingley, Junior Topographic Engineer. This was done as a part of War Mapping Project CS-290. 814

COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

No topographic quadrangle maps were available for this area.

COMPARISON WITH NAUTICAL CHARTS

Visual comparison was made with Nautical Chart No. 1256 (1:80,000 scale). In general, the shoreline and vegetation features are the same. This compilation should supercede the present charted information, however, the shoreline has been subjected to some change along the Gulf coast and this drawing is shown in more complete detail.

Respectfully submitted,

Milton M. Slavney
Milton M. Slavney,
Prin. Engr. Draftsman.

E. E. Gray
E. E. Gray,
Sr. Engr. Draftsman

Forwarded by,

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

GEOGRAPHIC NAMES

Survey No. T-5848

Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
<u>Gulf of Mexico</u>										1
<u>Florida</u>										2
<u>Sarasota Bay</u>										3
<u>Longboat Key</u>								USCB		4
<u>Bishops Point</u>										5
<u>Cranes Bayou</u>										6
<u>Buttonwood Harbor</u>										7
<u>Whale Key</u>										8
<u>White Key</u>										9
<u>Longbeach Road (State No. 18)</u>										10
										11
										12
										13
										14
										15
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Names underlined in red approved
by L. Heck on 10/2/46

NAUTICAL CHARTS BRANCH

SURVEY NO. T-5848

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

Division of Photogrammetry
Review of Planimetric Map T-5848

Radial Plot.-

The radial plot has been checked roughly by directions to numerous points of detail and is accepted as adequate.

Field Inspection and Detailing.-

These were generally adequate.

An approximate low water line has been added to show a number of sand shoals, the tops of which bare or are awash at mean low water.

With reference to the paragraph Landmarks and Aids to Navigation in the descriptive report, the following aids have been located by radial plot from the office photographs during this review. These lights appear on the chart but in a different position. The positions as given on the manuscript are believed to be within the accuracy requirements for 1:20,000 or smaller scale charts.

Note - These photos were taken in Dec. 1939 and ~~these~~ and date of location of the following aids must be considered to be Dec. 1939.

- Four lights:
- | | |
|-------------------|--------|
| 1. "R R Board" | 3 cuts |
| 2. "Lt. 26 or FR" | 4 cuts |
| 3. "Lt. 28" | 4 cuts |
| 4. "Lt. R R" | 5 cuts |

Comparison with Topographic Surveys.-

T-1517a Scale 1:20,000 (1883)

General form in agreement.

In manuscript T-5848 detail is much more specific; many cultural features are added; and geographic names have been added and changed.

Comparison with Charts.-

Additions to the manuscript made during review are shown in red. T-5848 has not been applied to the chart at the date of this review.

Reviewed by Lena T. Stevens under the direction of Ralph M. Berry, August 1945.

Review report prepared by B. G. Jones from reviewer's notes, March 1947.

APPROVED:

B.G. Jones 5/47

Technical Assistant to the
Chief, Div. of Photogrammetry

A.E. [Signature]

Chief, Nautical Chart Br.
Division of Charts

K.T. Adams

Chief, Div. of Photogrammetry

C.H. Green

Chief, Div. of Coastal Surveys