

5860

Diag'd. on diag. ch. No. 1255

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photo Compilation

Field No. \_\_\_\_\_ Office No. T-5860

LOCALITY

State Florida

General locality Charlotte Harbor

Locality Cape Haze

Date of Photos: Dec. 14 and 19, 1939 *Supplemental*  
*by other surveys* 1941 *July 1943*

CHIEF OF PARTY

Lieut. Comdr. Kenneth G. Crosby

LIBRARY & ARCHIVES

DATE Aug 8-1947

8-1870-1 (1)++

5860

· applied to chart car. 474 May 1945.

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## DATA RECORD

T- 5860

Quadrangle (II):

Project No. (II):

242-F

Field Office: Tampa, Fla.

Chief of Party: K. G. Crosby

Compilation Office:  
Tampa, Fla.

Chief of Party: K. G. Crosby

Instructions dated (II III):  
Apr. 3, 1940Copy filed in Descriptive  
Report No. T- (VI)

Completed survey received in office: 2/29/44

Reported to Nautical Chart Section: 4/26/44

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

Redrafting Completed: 2/4/47

Registered: 7/47 Published: 4/14/47

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): FIR, 1943

Lat.: 26° 47' 01.59" (12.91m)

Long.: 82° 09' 04.99" (137.8m)

Adjusted  
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>
4302	12/14/39	1:23 P.M.	1;10,000	0.5
4303	"	1:24	"	"
4304	"	1:25	"	"
4311	"	1:37	"	"
4312	"	1:38	"	"
4313	"	1:39	"	"
4314	"	1:40	"	"
4347	12/19/39	10:39 AM	"	0.3
4348	"	10:40	"	0.3

Tide from (III): South Boca Grande, Charlotte Harbor

Mean Range: 1.0

Spring Range:1.3

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

Field Inspection by: H. A. Duffy, Prin. Photo. Aid date: June, July 1943

Field Edit by: date:

Date of Mean High-Water Line Location (III): date of photographs

Projection and Grids ruled by (III) Washington off. date:12-6-43

" " " checked by: " " date:12-6-43

Control plotted by: B. O. Bryant, Sr. Photo. Aid date:12-20-43

Control checked by:J. Collins, Sr.Photo. Aid date: "

Radial Plot by: Tampa office personnel date: 12-29-43

Detailed by: D.G.Singleton,Jr. Photo. Aid date:Jan-Feb.1944

Reviewed in compilation office by:F. H. Elrod, date: Feb. 24,1944  
Prin. Photo. Aid

Elevations on Field Edit Sheet  
checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 14.04

Shoreline (More than 200 meters to opposite shore): 51.2 mi.

Shoreline (Less than 200 meters to opposite shore): 35.3 mi.

Number of Recoverable Topographic Stations established: 8

Number of Temporary Hydrographic Stations located by radial plot: 145

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-5860

CONTROL

Four triangulation stations fall within the limits of this sheet. All stations were held while "cutting in" additional radial points. Station DREW, 1943, at approximately Lat.  $26^{\circ} 48'$ , Long  $82^{\circ} 08'$  could not be held and was abandoned as a control station. It was cut in by radial plot and used as a H. & T. station. Reference is hereby made to a discussion of this station in the paragraph on the Main Radial Plot in the Descriptive Report accompanying Sheet No. T-5879.

MAIN RADIAL PLOT

For a discussion on the main radial plot, reference is hereby made to the report on Sheet No. T-5879.

DETAILING

All photographs used for detailing were very clear. There was a sufficient number of photographs so that those sections which were affected by the sun's reflection could be avoided. The scale of all photos was generally good.

The northern part of this sheet was inaccessible to the field party; hence there was no field inspection of that area. A thorough stereoscopic study was made, however, and it is believed that an accurate interpretation was reached.

SUPPLEMENTAL DATA

There was no supplemental data available for comparison.

LANDMARKS AND AIDS TO NAVIGATION

There are no landmarks nor aids to navigation on this sheet.

# HYDROGRAPHIC CONTROL

The following marked H. & T. stations appearing on this sheet can be recovered for use by the hydrographic party. *and stations*

Station	Year	Established by
Δ ALF	1943	K. G. Crosby
Δ FIR	"	"
Δ ICE	"	"
Δ ELA	"	"
○ DAB	"	"
○ GAL	"	"
○ DREW	"	"
○ COB	"	"

The positions of stations ALF, FIR, ICE, and ELA were established by triangulation. ✓ ✓ ✓

In addition, there are 145 unmarked H. & T. stations, such as "point of mangrove", "lone mangrove", etc., that may be used by the hydrographer. *There are others only in the manuscript. agj*  
GEOGRAPHIC NAMES

A special report on Geographic Names under the title "Florida West Coast, Charlotte Harbor, Gasparilla Sound, Miakka River and Peace River", was submitted by L. C. Bonham, Jr. Photo. Engr. to the Washington office Nov. 1, 1943. 814 ✓

## COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

There are no topographic quadrangles available in this office for comparison.

## COMPARISON WITH NAUTICAL CHARTS

A comparison was made with U.S.C. & G.S. Estero Bay to Lemon Bay, Chart No. 1255. Due to a large scale difference there was only a visual comparison made, but no noticeable discrepancies were found between this chart and Sheet T-5860.

It is recommended that this compilation  
supercede the present charted information.

Respectfully submitted,

*David G. Singleton, Jr.*  
David G. Singleton, Jr.  
Photo. Aid..

Forwarded by:

*Kenneth G. Crosby*  
Kenneth G. Crosby,  
Chief of Party....



10-2

- 10-1 - Line
- 10-2 - Gyrocompass
- 10-3 - Palmetto
- 10-4 - Palm
- 10-5 - Palm trees (tropical forest)
- 10-6 - Palms (orchards)
- 10-7 - Palm, coconut & Coccothraustes
- 10-8 - (Density)
- 10-9 - scattered
- 10-10 - mainly wooded
- 10-11 - heavily wooded
- 10-12 - arborescent

10-3

- 10-1 - Cultivation
- 10-2 - Beach
- 10-3 - Palm, tropical forest
- 10-4 - Palms (dashed blue line on
- 10-5 - Palms (dashed blue line on
- 10-6 - Palms (dashed blue line on
- 10-7 - Palms (dashed blue line on
- 10-8 - Palms (dashed blue line on
- 10-9 - Palms (dashed blue line on
- 10-10 - Palms (dashed blue line on
- 10-11 - Palms (dashed blue line on
- 10-12 - Palms (dashed blue line on

10-4

- 10-1 - 10-1 (width)
- 10-2 - Jack
- 10-3 - 10-1 (width)
- 10-4 - 10-1 (width)
- 10-5 - 10-1 (width)
- 10-6 - 10-1 (width)
- 10-7 - 10-1 (width)
- 10-8 - 10-1 (width)
- 10-9 - 10-1 (width)
- 10-10 - 10-1 (width)
- 10-11 - 10-1 (width)
- 10-12 - 10-1 (width)

10-5

- 10-1 - 10-1 (width)
- 10-2 - 10-1 (width)
- 10-3 - 10-1 (width)
- 10-4 - 10-1 (width)
- 10-5 - 10-1 (width)
- 10-6 - 10-1 (width)
- 10-7 - 10-1 (width)
- 10-8 - 10-1 (width)
- 10-9 - 10-1 (width)
- 10-10 - 10-1 (width)
- 10-11 - 10-1 (width)
- 10-12 - 10-1 (width)

10-6

- 10-1 - 10-1
- 10-2 - 10-1
- 10-3 - 10-1
- 10-4 - 10-1

10-7

- 10-1 - 10-1
- 10-2 - 10-1
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10-9

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- 10-10 - 10-1
- 10-11 - 10-1
- 10-12 - 10-1

# GEOGRAPHIC NAMES

Survey No. T-5860

GEOGRAPHIC NAMES											
Survey No. T-5860											
Name on Survey											

Names underlined in red approved  
by H. H. E. C. 6/12/30/46

## NAUTICAL CHARTS BRANCH

SURVEY NO. 7-5860

### Record of Application to Charts

[illegible]

M-2168-I

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-5860

Field Inspection and Detailing.

These were adequate. No changes of consequence were made on the manuscript during review.

Comparison with Previous Surveys.

T-5860 supersedes T-854, 1:20,000, 1860, over the common area. The general outlines of the area remain about the same as in 1860, but details have changed very considerably.



Comparison with Nautical Charts.



T-5860 shows many topographic details to be corrected on charts 474 and 1255. T-5860 was applied to chart 474 prior to this review. No changes have been made during the review which affect this chart.

Reviewed under the direction of R. M. Berry, August 1945.

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

APPROVED BY:

 _____ Technical Assistant to the Chief, Div. of Photogrammetry	 _____ Chief, Nautical Chart Br. Division of Charts
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 _____ Chief, Div. of Photogrammetry	 _____ Chief, Div. of Coastal Surveys
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