

# 5875

Diagrammed on diagram chart 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-5875**

### LOCALITY

State **Florida**

General locality **Charlotte County**

Locality **Charlotte Harbor**

Date of Photos: **12/19/39** Supplemented by  
Ground surveys to July 1943

### CHIEF OF PARTY

**Lieut. Comdr. Kenneth G. Crosby**

### LIBRARY & ARCHIVES

DATE

**July 29-1947**

8-1870-1 (1)++

5875

DATA RECORD

T- 5875

Quadrangle (II):

Project No. (II): 242-G

Field Office: TAMPA, Fla.

Chief of Party: K. G. Crosby

Compilation Office:  
Tampa, Florida

Chief of Party: K. G. Crosby

Instructions dated (II III):  
Apr. 3, 1940

Copy filed in Descriptive  
Report No. T- (VI)

Completed survey received in office:

1/17/44

Reported to Nautical Chart Section:

2/26/44

Reviewed:

5/22/45

Applied to chart No.

Date:

Redrafting Completed:

2/5/47

Registered:

7/47

Published:

4/1/47

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): Sac, 1943

Lat.:

26°49' 26.6<sup>646</sup><sub>5</sub>" (820.21m)

Long.:

82° 03' 35.6<sup>676</sup><sub>8</sub>" (985.3m)

~~Adjusted~~  
Unadjusted

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>
4359	12-19-39	10:51 A.M.	1:10,000	0.5 ft.
4360	"	10:52 "	"	"
4361	"	10:53 "	"	"

Tide from (III): Punta Gorda, Charlotte Harbor

Mean Range: 1.4' Spring Range: 1.9'

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

Field Inspection by: H. A. Duffy, Prin. PhotoAid date: June-July 1943  
L.C. Bonham, Jr. Photo. Engr.

Field Edit by: date:

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

Projection and Grids ruled by (III) Washington Office date: Dec. 1 1943

" " " checked by: " " date: "

Control plotted by: H. W. Thune, Jr. Photo. Engr. date: 12-6-43

Control checked by: E.C. Andrews, Photo Aid date: 12-6-43

Radial Plot by: Tampa Office Personnel date: 12-9-43

Detailed by: D. G. Singleton, Photo Aid date: Dec. 43-  
R. J. Pate, Photo Aid Jan. 44

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

Elevations on Field Edit Sheet  
checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 15.7

Shoreline (More than 200 meters to opposite shore): 23.6

Shoreline (Less than 200 meters to opposite shore): 33.4

Number of Recoverable Topographic Stations established: 6

Number of Temporary Hydrographic Stations located by radial plot: 110

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:

The North half of Sheet T-5875 was detailed by

Russell J. Pate,  
Photo Aid

The South half of Sheet T-5875 was detailed by

David G. Singleton, Jr.  
Photo. Aid

COMPILATION REPORT  
To Accompany  
SHEET NO. T-5875

CONTROL

Six triangulation stations are plotted within the limits of this sheet. All stations could be held in cutting in radial points with the exception of SAP 1943, which falls just outside the limits of the sheet at approximately Latitude  $82^{\circ} 03'$ , Longitude  $26^{\circ} 52'$ . Radial points established by the main radial plot in this vicinity were held with good results. An explanation will be found in report for Sheet T-5876.

Due to a single flight of photographs, only two-cut intersections could be obtained on a few points. These two-cut intersections are designated by a green circle.

MAIN RADIAL PLOT

For a discussion on the main radial plot, reference is hereby made to the report on Sheet T-5879.

DETAILING

All photographs used for detailing were exceptionally clear. However, photo 4361 is affected apparently by shadows from clouds which cause some difficulty in classifying vegetation. This photograph is of a very bad scale and it was necessary to cut-in a few additional points for detailing from it. The scale of photo's 4359 and 4360 was fair.

Field inspection in general was very good.

SUPPLEMENTAL DATA

There was no supplemental data available for comparison with this sheet.

LANDMARKS & AIDS TO NAVIGATION

There is one uncharted landmark shown on this sheet and is listed on Form 567, which is made a part of this report. *No. 286, 1945*

There are no non floating aids to navigation.

# HYDROGRAPHIC CONTROL

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

Station	Year	Established by
Sac <sup>△</sup>	1943	K. G. Crosby
Moo <sup>△</sup>	"	"
Men <sup>△</sup>	"	"
Nap <sup>△</sup>	"	"
C. A. A. Light, Airway <sup>△</sup>	"	"

The above stations were cut in by triangulation by this party, but were originally established for hydrographic control. *Shown on map as △.*

In addition, there are no unmarked H. & T. stations, such as "point of mangrove", "lone mangrove", etc., that may be used by the hydrographer. *These are shown only on the manuscript.*

# 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. 514

# AERONAUTICAL AIDS

One aeronautical aid - Light (Airways) 1943 appears on this sheet at Lat. 26° 48' (524.8 meters), Long. 82° 01' (1492.8 meters). *No 288, 1945*

# 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. Extero Bay to Lemon Bay, Chart No. 1255. Only the shore line appears on this Chart and due to large scale differences there was

only a visual comparison made but no noticeable discrepancies were found between this chart and Sheet T-5875.

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

Respectfully submitted,

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

*Russell J. Pate*

Russell J. Pate,  
Photo. Aid.

Forwarded by:

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

# SYMBOLS USED FOR FIELD INFORMATION AND DRAWING SYMBOLS 242

## TREES

- Fl - Pine
- Cy - Cypress
- Palc - Palmetto
- Palm - Palm
- D.F. - Deciduous trees (broad leaf)
- Cit - Citrus (orchard)
- Mix - Pine, cypress & Dec. trees (Density)
- Sc. - Scattered
- t.w. - Thinly wooded
- h.w. - Heavily wooded
- scr. - Scrub trees

## VEGETATION

- C - Cultivation
- Gr - Grass
- P.Gr. - Tall Tropical Grass
- M - Marsh (dashed blue line on inshore limits)
- AM - Marsh grass in water (dashed blue line on offshore limits)
- Sw - Swamp
- MG - Mangrove
- Mdg - Hedge

## WATER

- Ca - Canal (width)
- Cr - Creek
- D - Ditch (width)
- I.S. - Intermittent stream
- EDU - Probable drainage unurveyed
- BRG - Bridge or symbol
- Cv - Culvert
- Fov - Fovea
- F.S. - Florida Scientific Survey
- U.S. - U.S. Engineers
- U.S.S. - U.S. Biological Survey

## ROADS & RAILROADS

- Rd 1 - 1st class road (paved)
- Rd 2 - 2nd class road
- Tr - Trail
- RR - Railroad
- O.P. - Overpass (state the kind)
- U.P. - Underpass (state the kind)
- X - Abandoned trail, road, etc.
- RR ab - R.R. abandoned (grade only)

## PONDS

- P - Pond
- Cy.P. - Cypress Pond
- I.P. - Intermittent pond

## SEASIDE LINE

- H.W.L. - Mean high waterline (solid red line - fast land)
- L.W.L. - Low waterline (dashed red line)
- L.B. - Light line (solid blue line for mean high water line on marsh)
- Dk. - Dock
- Fm. - Pier
- Co W. - Wharve
- B.H. - Bulkhead
- Conc. - Concrete
- Wo. - Wooden
- Jetty - Jetty
- Dol. - Dolphin
- File - File (give type)
- Sand - Sand
- Mad. - Mud
- Rk. - Rock or Rocky
- Sty. - Stoney
- W. - Water
- Slf. - Bluff (height)

## BUILDINGS

- H - House, barn or building
- Ch - Church (give name)
- Ct H. - Court House (give name)
- Bo H. - Boat House
- P.O. - Post Office (give name)
- R.Sta. - Railroad station (give name)
- Hos. - Hospital (give name)
- Sch. - School (give name)

## STRUCTURES

- F - Fence
- W.F. - Wire Fence (maintained)
- W.F. - Wire fence (abandoned)
- Gen. - Cemetery
- Park - Park (give name)
- Signal - Approx. limits by long dashed line for use by hydrographer
- T.T. - Fire tower
- T.T. - Transmission tower (call steel)
- P.L. - Power line



# GEOGRAPHIC NAMES

Survey No. T-5875

Name on Survey	<div>On Chart No.</div> <div>On previous survey No.</div> <div>On U. S. quadrangle Maps</div> <div>From local information</div> <div>On local Maps</div> <div>P. O. Guide or Map</div> <div>Rand McNally Atlas</div> <div>U. S. Light List</div>										
	A	B	C	D	E	F	G	H	K		
<u>Florida</u>									USCB	1	
<u>Charlotte Harbor</u>										2	
<u>U.S. 41/ State 5</u>										3	
<u>State 183</u>										4	
<u>Atlantic Coast Line</u>										5	
										6	
<u>Crow Key</u>										7	
<u>Key Point</u>			(N. end Crow Key)								8
<u>Roberts Island</u>										9	
<u>Smokey Joe</u>			(stream)								10
<u>Cotton Key</u>										11	
<u>Terrapin Key</u>										12	
<u>Fines Key</u>			(family name)								13
<u>Redfish Key</u>										14	
<u>Winegourd Creek</u>										15	
<u>John Quiet Lakes</u>										16	
<u>Big Mound Creek</u>			(name sheet has this name about lat. 26 50': not on compilation)								17
<u>Blacks Island</u>			(family name)								18
<u>Cormorant Key</u>										19	
<u>Silcox Key</u>										20	
<u>Silcox Creek</u>										21	
<u>Nigger Head Key</u>										22	
<u>Whidden Branch</u>										23	
<u>Bucher Pass</u>										24	
<u>Cockroach Mound</u>										25	
<u>Sand Bream Keys</u>										26	
<u>Rock Creek</u>										27	

Not underlined in red approved

by L. Heck on 1/6/47

M 234

Revised and certified in red approved  
by L. Heck on 1/6/47

Review of T-5875

Radial Plot and Detailing:

A check for radial positions of details indicated that the radial plot was of the required accuracy.

Detailing was complete and accurate with the exception of some minor errors in the position of shoreline which were corrected by the reviewer.

Road classifications were reviewed and corrected to conform with the standard categories.

Comparison with Previous Topographic Surveys

T-855, 1:20,000 (1860)

Numerous changes in shoreline have occurred since 1860 and the compilation supersedes T-855.

Comparison with Contemporary Hydrographic Surveys.

There are no contemporary hydrographic surveys in this area.

Comparison with the Nautical Chart 1255

T-5875 has not been applied to Chart 1255 and many minor differences exist. Much more inshore detail has been surveyed on T-5875 than is shown on the chart.

Reviewed by Lena T. Stevens, May 21, 1945, under the direction of Ralph M. Berry.

Inspected by B. G. Jones. *B.G. Jones 7/47*

Examined and Approved:

*[Signature]*  
Chief, Surveys Section

*[Signature]*  
Chief, Division of Charts

*K.T. Adams*  
Chief, ~~Topography~~ Section  
Division of Photogrammetry

*[Signature]*  
Chief, Division of Coastal  
Surveys *140*

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-5875

### 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.