

5874

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. 242 Office No. T-5874

LOCALITY

State Florida

General locality Northwest of Ft. Myers

Locality Charlotte Harbor

Date of Photos - 11/12/42 ; 12/19/39

194 4

CHIEF OF PARTY

K.G. Crosby

LIBRARY & ARCHIVES

DATE April 13-1949

B-1870-1 (1)

5874

## DATA RECORD

T-5874

Quadrangle (II):

Project No. (II): 242

Field Office: Tampa, Fla.

Chief of Party: K. G. Crosby

Compilation Office:  
Tampa, Fla.

Chief of Party: K. G. Crosby

Instructions dated (II III):  
4/3/40Copy filed in *Division of*  
~~Report No. T-~~ *Descriptive*  
*Photogrammetry Office Files.* (VI)

Completed survey received in office: 11 Jan. 1944

Reported to Nautical Chart Section:

Reviewed: 21 May 1945<sup>1255</sup> Applied to chart No. 473 Date: 22 Aug. 1945  
7 Oct. 1947

Redrafting Completed: 9 May 1947

Registered: *March 1949*  
~~27 May 1948~~

Published: June, 1947

Compilation Scale: 1:10,000

Published Scale: 1:10000

Scale Factor (III): 1.00

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

Reference Station (III): OVA, 1943

Lat.:

Long.:

26° 44' 26.315" (809.9m) 82° 04' 03.97" (109.7m) *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>
11613	11-12-42	11:34 A.M.	1:10,000	-0.6'
4355	12-19-39	10:47	"	+0.5'
4356	"	10:48	"	+0.5'
4357	"	10:49	"	+0.5'
4358	"	10:50	"	+0.5'

Tide from (III): Punta Gorda Ref. Tampa Bay

Mean Range: 1.4

Spring Range: 1.9

Camera: (Kind or source) U.S.C. & G.S-9 lens (8 $\frac{1}{2}$  in focal length)

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

L. C. Bonham, Jr, Engr,  
(photo)

Field Edit by:

date:

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

Projection and Grids ruled by (III) Washington Office  
B.R.C. & P.J.H. date: 12-2-43

" " " checked by: Washington Office  
D.H.B. & B.R.C. date: 12-3-43

Control plotted by: V.F. Simmons, Sr. Photo Aid date: 12-6-43

Control checked by: E.C. Andrews, Photo Aid date: "

Radial Plot by: Tampa Office Personnel date: Dec. 1943

Detailed by: R. Dossett-Prin. Photo Aid date: Dec. 1943  
Ben. O. Bryant, Sr. Photo Aid

Reviewed in compilation office by: F. H. Elrod, date: Dec. 1943  
Prin. Photo Aid

Elevations on Field Edit Sheet  
checked by:

date:

### STATISTICS (III)

Land Area (Sq. Statute Miles): 19.3

Shoreline (More than 200 meters to opposite shore): 12.1

Shoreline (Less than 200 meters to opposite shore): 11.9

Number of Recoverable Topographic Stations established: 6

Number of Temporary Hydrographic Stations located by radial plot: 35

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 South half of Sheet T-5874 was detailed by R. Dossett,  
Prin. Photo. Aid.

The north half of this sheet was detailed by Ben O. Bryant,  
Sr. Photo. Aid.

- Jones
- The Great (Birmingham)
- The Great (London)
- Samson
- Mark (London)
- Brown, William (London, England)
- Miss Mrs J. J. J. J. J.
- The Power
- The Power
- The Power

DESCRIPTIVE REPORT  
TO ACCOMPANY  
SHEET - T5874

CONTROL

Six triangulation stations appear within the tracing limits of this sheet. All were used by the draftsman in establishing additional radial points. All the triangulation stations but one are on the shoreline, but good three point intersections were obtained throughout the sheet, however it was considered better not to extend the limits of detail too far inshore because of the limited photographic coverage in that direction.

*Sandy, 1934  
(see next page  
for other five  
stations)*

MAIN RADIAL PLOT

The discussion of the radial plot which included this sheet has been made a part of descriptive report of Sheet T-5879.

DETAILING

The detailing of this sheet has been done according to the current instructions for this project. Field inspection notes were adequate. The photographs were reasonably clear and of average scale.

Florida State Highway #183 has been shown as a 2nd class road and labelled "Temporarily Abandoned".

The field inspection has shown numerous detours where bridges are out. However, since these detours are only approximate, and probably of a temporary nature, they have been ignored by the draftsman, and the Highway drafted as shown on the photographs.

The inshore area as a whole seems more or less in a state of abandonment, since the field inspector has eliminated all the buildings and cultivated areas that are discernible on the photographs.

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 Lawrence C. Bonham, Jr. Photogrammetric Engineer, to the Washington Office November 1, 1943. 814✓

#### COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

There were no topographic quadrangles of this area available for comparison.

#### LANDMARKS AND AIDS TO NAVIGATION

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

#### SUPPLEMENTAL DATA

There was no supplemental data available for use to supplement the photographs.

#### HYDROGRAPHIC CONTROL

Thirty-Five unmarked hydrographic stations, bearing a short description appear within the detailing limits of this sheet. The following marked hydrographic stations appear on this sheet and can be recovered for use by the hydrographic party.

Station	Date	Established by
OVA	1943	K. G. Crosby
<del>MON</del> MOM	"	"
LAG	"	"
LEO	"	"
RAN	"	"

The above named stations were used as control on main radial plot as they were cut in by triangulation by this party, and are so plotted on this sheet. *They are 3<sup>rd</sup> order stations with geographic positions listed in Florida S. P. list, p 788-2.*  
*Sandy Azimuth Mark, 1934 (topo-sta.) from 524.*

COMPARISON WITH NAUTICAL CHARTS

A comparison was made with U. S. C. & G. S., Estero Bay to Lemon Bay, Chart No. 1255. Only the shore line appears on this chart and due to large scale difference there was only a visual comparison made, but there were not any noticeable discrepancies to be found between this chart and sheet T-5874. This compilation should supersede the charted information.

Respectfully submitted,

*Ben O. Bryant*

Ben O. Bryant, Sr. Photo. Aid.

*Rudolph Dossett*

Rudolph Dossett, Prin. Photo. Aid.

Forwarded by:

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



# GEOGRAPHIC NAMES

Survey No. **T-5874**

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>Florida</u>									USGB	1
<u>Charlotte Harbor</u>										2
<u>Fort Myers</u>			(if used in title)						USGB	3
<u>State No. 183</u>										4
										5
<u>Two Pines</u>			(small settlement)							6
<u>Two Pines Bayou</u>										7
<u>Burnt Store</u>			(locality)							8
<u>Vining Creek</u>										9
<u>Yucca Pen Creek</u>										10
<u>Hog Branch</u>										11
<u>Bear Branch</u>										12
<u>Grow Key</u>										13
										14
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										27

Names underlined in red approved  
by L. Heck on 12/30/46

Review Report  
Planimetric Map Manuscript T-5874

May 1945

Radial Plot

The radial plot was checked and found to be within the limits of required accuracy.

Detailing

The delineation of detail was accurate. Some additions were made, and detours and broken bridges were noted in red along Highway 183.

Comparison with Previous Topographic Surveys

T-854

1:20,000

1860

There are numerous changes in shoreline detail. However, there is a general agreement between the map manuscript and T-854.

The map manuscript supersedes T-854 for common detail in common area.

Comparison with Nautical Charts

The map manuscript was compared with chart 1255. Many minor differences exist. More inshore detail is shown on T-5874 than on the chart.

T-5874 has not been applied to chart 1255 as of the date of this review.

Reviewed by:

Under the direction of:

Lena T. Stevens  
Lena T. Stevens, 21 May, 1945

Ralph Moore Berry  
Ralph Moore Berry  
Chief, Review Section L.M.

APPROVED BY:

B. G. Jones 3/49  
Technical Assistant to the  
Chief, Division of Photogrammetry

H. C. Munster  
Chief, Nautical Chart Branch,  
Division of Charts

K. T. Adams  
Chief, Div. of Photogrammetry

W. M. Sciffe  
Chief, Div. of Coastal Surveys

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-5874

## 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.