# 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  
**Date**: April 13, 1949

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**Chief of Party**: K.G. Creasy

**Library & Archives**
DATA RECORD

T-5874

Quadrangle (II): Project No. (II): 242
Field Office: Tampa, Fla. Chief of Party: K. G. Crosby
Compilation Office: Chief of Party: K. G. Crosby
Tampa, Fla.
Instructions dated (II III): 4/3/40
Completed survey received in office: 11 Jan. 1944

Reported to Nautical Chart Section:
Reviewed: 21 May 1946 Applied to chart No. 473 Date: 7 Oct. 1947
Redrafting Completed: 9 May 1947
Registered: 27 May 1944 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.
Reference Station (III): OVA, 1943
Lat.: Long.: Adjusted
26° 44' 26.31" (809.72m) 82° 04' 03.97" (109.7m)

State Plane Coordinates (VI):

X = 
Y =

Military Grid Zone (VI)
## PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>11613</td>
<td>11-12-42</td>
<td>11:34 A.M.</td>
<td>1:10,000</td>
<td>-0.6'</td>
</tr>
<tr>
<td>1355</td>
<td>12-19-39</td>
<td>10:47</td>
<td></td>
<td>+0.5'</td>
</tr>
<tr>
<td>1356</td>
<td></td>
<td>10:48</td>
<td></td>
<td>+0.5'</td>
</tr>
<tr>
<td>1357</td>
<td></td>
<td>10:49</td>
<td></td>
<td>+0.5'</td>
</tr>
<tr>
<td>1358</td>
<td></td>
<td>10:50</td>
<td></td>
<td>+0.5'</td>
</tr>
</tbody>
</table>

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

Projection and Grids ruled by (III) Washington Office date: 12-2-43
" " " checked by: Washington Office 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
Ben. O. Bryant, Sr. Photo Aid date: Dec. 1943
Reviewed in compilation office by: F. H. Elrod, Prin. Photo Aid date: Dec. 1943
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.
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.

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.
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.

<table>
<thead>
<tr>
<th>Station</th>
<th>Date</th>
<th>Established by</th>
</tr>
</thead>
<tbody>
<tr>
<td>OVA</td>
<td>1943</td>
<td>K. G. Crosby</td>
</tr>
<tr>
<td>MON-MOM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RAN</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 in stations with geographic positions listed in Florida S. P. List, 3059-2.

Sandy Azimuth North, 1934 (Topo. Sta.)for 514.
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, Prin. Photo. Aid.

Forwarded by:

Kenneth G. Crosby
Chief of Party...
<table>
<thead>
<tr>
<th>Name on Survey</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>K</th>
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<tbody>
<tr>
<td>Florida</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>USGB</td>
<td>1</td>
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<tr>
<td>Charlotte Harbor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>2</td>
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<tr>
<td>Fort Myers</td>
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<td></td>
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<td>(if used in title)</td>
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<td></td>
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<td></td>
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<td></td>
<td>4</td>
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<tr>
<td>Two Pines</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(small settlement)</td>
<td></td>
<td>6</td>
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<tr>
<td>Two Pines Bayou</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>7</td>
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<tr>
<td>Burnt Store</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>(locality)</td>
<td></td>
<td>8</td>
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<tr>
<td>Vining Creek</td>
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<td></td>
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<td></td>
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<td>9</td>
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<tr>
<td>Ynoca Pen Creek</td>
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</table>

Names underlined in red approved by L. Heck on 11-30-46
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: Lena T. Stevens, 21 May, 1945

Under the direction of: Ralph Moore Berry

Approved by: Chief, Review Section

Technical Assistant to the Chief, Division of Photogrammetry

K. T. Adams

Chief, Div. of Photogrammetry

Chief, Div. of Coastal Surveys
### Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<td>8/22/45</td>
<td>1255</td>
<td>Map Boll</td>
<td>Before After Verification and Review</td>
</tr>
<tr>
<td>10/4/47</td>
<td>473</td>
<td>Nelson</td>
<td>Before After Verification and Review</td>
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<td></td>
<td></td>
<td></td>
<td>Examined. No changes made</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Before After Verification and Review</td>
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<td>Before After Verification and Review</td>
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</tbody>
</table>

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.