# Descriptive Report

**Type of Survey:** SHORELINE  
**Field No.:** Ph-146  
**Office No.:** T-11385  

**Locality**  
**State:** FLORIDA  
**General locality:** GULF COAST - LEMON BAY  
**Locality:** BLIND PASS TO FORKED CREEK

1953-1954  
CHIEF OF PARTY  
H.C. Applequist, Tampa Photo. Office

**Library & Archives**  
**Date:**
DESCRIPTIVE REPORT - DATA RECORD

Project No. (II): 27310
(Ph-146)

Quadrangle Name (IV):

Field Office (II): Englewood, Florida
Chief of Party: H. C. Applequist

Photogrammetric Office (III): Tampa, Florida
Officer-in-Charge: H. C. Applequist

Instructions dated (II) (III): 2 July 1954
Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000
Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): NOV 3 0 1955
Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV):

Publication Scale (IV):
Publication date (IV):

Geographic Datum (III): N.A. 1927
Vertical Datum (III): MHW

Reference Station (III): TT 41 JA, USGS, 1952

Lat.: 28°58'51"36' (1580.7 m)
Long.: 82°23'49"37' (1361.4 m)
Adjusted

Plane Coordinates (IV):

Y= X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.
Areas contoured by various personnel
(Show name within area)
(ii) (iii)
DESCRIPTIVE REPORT - DATA RECORD

W. H. Shearouse  
I. I. Saperstein  

Field Inspection by (II): Inapplicable  

Planetable contouring by (II): Inapplicable  

Completion Surveys by (II): Inapplicable  

Mean High Water Location (III) (State date and method of location): 23 December 1954  
Air Photo Compilation  

Projection and Grids ruled by (IV): Austin Riley (W. O.)  
Date: 3 Sept. 1954  

Projection and Grids checked by (IV): Austin Riley (W. O.)  
Date: 28 Sept. 1954  

Control plotted by (III): R. J. Pate  
Date: 18 Jan. 1955  

Control checked by (III): M. M. Slavney  
Date: 18 Jan. 1955  

Radial Plot and Stereoscopic Control extension by (III):  

Stereoscopic Instrument compilation (III): Inapplicable  
Contours  

Manuscript delineated by (III): R. Dossett  
Date: 29 April 1955  

Photogrammetric Office Review by (III): J. A. Giles  
Date: 14 Feb. 1956  

Elevations on Manuscript  
checked by (IV) (III): Inapplicable  

...
DESCRIPTION REPORT - DATA RECORD

Camera (kind or source) (III): C&GS Nine-lens

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
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<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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<td>42817</td>
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<td>1239</td>
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</tbody>
</table>

Tide (III)

Predicted

Reference Station: Tampa Bay
Subordinate Station: Port Boca Grande, Charlotte Harbor

Washington Office Review by (IV):
Date:
Final Drafting by (IV):
Date:
Drafting verified for reproduction by (IV):
Date:
Proof Edit by (IV):
Date:

Land Area (Sq. Statute Miles) (III): 2
Shoreline (More than 200 meters to opposite shore) (III): 12
Control Leveling - Miles (II): 0
Number of Triangulation Stations searched for (II): 9 Recovered: 8 Identified: 2
Number of BMs searched for (II): 0 Recovered: 0 Identified: 0
Number of Recoverable Photo Stations established (III): 1
Number of Temporary Photo Hydro Stations established (III): 48

Remarks:

COMM-DC-57842
THE FIELD INSPECTION REPORT IS
Submitted with T-11384
PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11396

31. DELINEATION

Compiled graphically.
The scale of the photographs was poor.
The field inspection was adequate.

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours inapplicable.
The drainage has been delineated according to field inspection notes.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore details have been delineated according to the field inspector's notes.

Shoreline inspection was adequate.

Low-water and shoal lines were based on field inspection.

36. OFFSHORE DETAILS

Offshore detail has been delineated according to field inspection notes.
37. **LANDMARKS AND AIDS**

None.

38. **CONTROL FOR FUTURE SURVEYS**

All temporary photo-hydro stations (48) and one (1) topographic station are listed under Item 49.

39. **JUNCTIONS**

A satisfactory junction has been obtained with T-11384 on the north and T-11386 on the east. There are no contemporary surveys on the west and south.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement.

46. **COMPARISON WITH EXISTING MAPS**

A comparison has been made with C&GS Planimetric Maps T-5855 and T-5856, scale 1:10,000, compiled from aerial photographs taken December 1939; supplemented by other surveys to January 1944. The shoreline is generally the same; however, there are numerous along-shore structural changes such as sea walls, piers, boat slips, etc.

47. **COMPARISON WITH NAUTICAL CHARTS**

A comparison has been made with C&GS Nautical Chart No. 1256, published March 1943, scale 1:50,000, and bearing a print date of 13 July 1953. The maps listed under Item 46 were the source of topography for the nautical chart and the same differences exist.
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Rudolph Dossett
Carto Photo Aid

APPROVED & FORWARDED.

H. C. Applequist, Chief of Party
48. GEOGRAPHIC NAME LIST

BUCHAN AIRPORT
BLIND PASS

FLORIDA
FORKED CREEK

GULF OF MEXICO

LEACHS KEY
LEMON BAY

A. J. Wright
Geog. Names Sec.
NOTES FOR THE HYDROGRAPHER.

The following is a list of fifty (50) photo-hydro stations. Note "A" indicates there is a 1x1-inch stake (with a small flag) and usually projects three (3) feet with a 1x2-inch stake nearby projecting one (1) foot.

Some of the stakes along the Gulf beach have been numbered with green keel so as to help the hydrographer positively identify them.

8501 - Triangulation Station ENV 9 (USED), 1938
   A tall signal will be required here. A line was cleared through mangrove to station which is 15 or 20 feet inshore.

8502 - Palm tree on north side of small boat basin. Marked by flag nailed to tree. Fricked on photo 42807.

8503 - Triangulation Station LBN (USED), 1938

8504 - North corner of pier. Not marked. Photo 42807

8505 - Seaward end of small pier. Not marked. Photo 42807

8506 - Southeast tip of land on north side of cut. Approximately 25 feet from shell fill which is about 3 feet higher than station. Point marked is about 10 feet inshore from deep channel. Marked Note A. Photo 42807

8507 - Triangulation Station LBR (USED), 1938.
   In edge of mangrove. Flagged.

8508 - Center of shoreward part of dead brush in water at mouth of ditch. Marked with flag only. Photo 42808

8509 - Triangulation Station LBT (USED), 1938.
   The station is in a mangrove clump, part of which was cleared away. Approach from north side and flag at station will be visible.

8510 - South tip of mangrove on north side of opening in mangrove shoreline and on small sand beach. Marked Note A. Photo 42808

8511 - Tip of mangrove on south side of island and about 250 feet from west end of island. Marked by 2 strips of cloth tied to limb. Photo 42808.

8512 - Tip of mangrove. Marked with cloth strips tied to limb. Photo 42808

8513 - Mangrove bush just north of large mangrove clump. Marked Note A. Photo 42808
8514 - Northeast corner of roof of open boathouse about middle and on north side of pier. The roof is green and slopes to north. Photo h2808.

8515 - Tip of mangrove on east side of point and at north side of small V in mangroves. Marked Note A. Photo h2808.

8516 - Northeast corner of pier. A pile with old tire nailed to it. Not flagged. Photo h2808.

8517 - Seaward end of pier in ruins. Not flagged. Photo h2808.

8518 - Low mangrove stump about middle of small beach. Marked Note A. Pricked photo h2808.

8519 - Northwest corner of pier. Not flagged. Photo h2808.

8520 - West gable of red roof white house. (Falls on T-1138b) Photo h2806

8521 - Lone 15-foot tall palm tree, at east end of rock sea wall, approx. 120 feet east of point. Marked Note A. Photo h2807.

8522 - West edge of mangrove clump about 20 feet west of point and at south side of creek entrance. Marked Note A. Photo h2807

8523 - Triangulation Station LB0 (USED), 1938. Flagged.

8524 - West gable of two-story part of house. The house/with a green roof. Photo h2807.

8525 - Triangulation Station LBQ (USED), 1938. Flagged.

8526 - Mangrove bush slightly detached from shore. The bush is bright green in color and about 10 feet tall. On south side of round point. Marked Note A. Photo h2807.

8527 - Mangrove bush. Marked Note A. Photo h2807.

8528 - Seagrape bush on M.H.W.L. Marked Note A. Photo h2807.

8529 - Northwest gable of white wood house with gray roof, approx. 200 feet southeast of yellowish house. There is a small palm frond covered shed on beach in front of station. Photo h2807.

8530 - Seagrape bush at edge of grass, approx. 100 feet southeast of small palm frond covered shed and south of light green, flat topped house. Marked Note A. Photo h2807

NOTE: The houses were too indefinite on photo to accurately identify a point.
8531 - Lone seagraper bush of grass line and on low bluff. It is the southerly of three seagraper bushes on edge of grass line and approx. 150 feet apart. 33 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42807.

8532 - Lone small seagraper bush at grass line and approx. 10 feet north along beach from end of row of large australian pine trees. Marked Note A and stake numbered. Photo 42807.

8533 - Topographic station JOH (1944), 1954 (in front of white house trimmed in yellow) 125 feet from M.H.W.L. Flagged.

8534 - Tip end of grass on north side of shell path leading to the beach in front of light pink-color house with large chimney on south end. Note A. Stake numbered. Photo 42807.

8535 - Small seagraper bush located about 63 feet south of shell path going to beach. Note A and numbered. Photo 42807.

8536. - The south tip of seagraper bush at a shell path between beach and very long, approx. 200 feet, gray block house. About 30 feet inshore from grass line. Note A and numbered. Photo 42807.

8537 - A 20-foot australian pine tree, alone, and at low sand bluff, 99 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42808.

8538 - 35-foot tall TV aerial just northwest of large low white house, white roof and approx. 115 feet from M.H.W.L. Located by angle and distance. Not marked. Photo 42807.

8539 - Center of seagraper bush which is approx. 30 feet north of another similar bush, on the first step up to the low sand bluff, and 45 feet from M.H.W.L. Marked Note A and the stake numbered. Photo 42808.

8540 - Point of grass on south side of path and at bluff. A palm tree is at the point but could not be identified on photo. It may be used for signal. 42 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42808.

8541 - Center of southerly of two seagraper clumps in opening on beach, 60 feet from M.H.W.L. Marked Note A and stake numbered. Photo 42808.

8542 - Seaward gable of small shed at bluff line, with steps leading to beach. 40 feet from M.H.W.L. Not flagged. Photo 42808.

8543 - Old stone chimney, standing alone, approx. 35 feet inshore from bluff line. It is approx. 25 feet tall. Not flagged. Photo 42808.
8544 - Tall TV aerial at south gable of house. The first house south of old stone chimney. Not flagged. Photo 42808.

8545 - Seagrape bush approx. 370 feet south along beach from wood groin, 62 feet from M.H.W.L. and at base of sand bluff. Marked Note A and stake numbered. Photo 42808.

8546 - Large green colored chimney (southerly of two) atop brown house trimmed in green. Photo 42808.

8547 - Red brick chimney atop large tin roofed house. Partially hidden by australian pines but may show good offshore. Photo 42808.

8548 - Seagrape bush approx. 150 feet southwest of house and at grass line. Marked Note A and stake numbered. Photo 42808.

8549 - Australian pine at south side of trail leading inland. There are two 8-inch square posts marking entrance to trail. Not flagged. Photo 42808.

* 8550 - Red brick chimney atop peak of roof at northerly of two similar houses. (Falls on T-11-386) Photo 42808.

There is one recoverable topographic station:

JOH (1944) 1954
PHOTOGRAMMETRIC OFFICE REVIEW
T-11385

1. Projection and grids: JG
2. Title: JG
3. Manuscript numbers: JG
4. Manuscript size: JG

CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy: MMS
6. Recoverable horizontal stations of less than third-order accuracy (topographic stations): JG
7. Photo hydro stations: JG
8. Bench marks: XX
9. Plotting of sextant fixes: XX
10. Photogrammetric plot report: JG
11. Detail points: JG

ALONGSHORE AREAS
(Nautical Chart Data)
12. Shoreline: JG
13. Low-water line: JG
14. Rocks, shoals, etc.: JG
15. Bridges: JG
16. Aids to navigation: XX
17. Landmarks: XX
18. Other alongshore physical features: JG
19. Other alongshore cultural features: JG

PHYSICAL FEATURES
20. Water features: JG
21. Natural ground cover: JG
22. Planimetric contours: XX
23. Stereoscopic instrument contours: XX
24. Contours in general: XX
25. Spot elevations: XX
26. Other physical features: JG

CULTURAL FEATURES
27. Roads: JG
28. Buildings: JG
29. Railroads: XX
30. Other cultural features: JG

BOUNDARIES
31. Boundary lines: XX
32. Public land lines: XX

MISCELLANEOUS
33. Geographic names: JG
34. Junctions: JG
35. Legibility of the manuscript: JG
36. Discrepancy overlay: XX
37. Descriptive Report: JG
38. Field inspection photographs: JG
39. Forms: JG

40. Jesse A. Giles
   Reviewer

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

43. Remarks:

Supervisor
**TIDE COMPUTATION**

**PROJECT NO. Ph.17240 T. 11385**

**Time and date of exposure**: 1224 DEC. 1953  
**Reference station**: TAMPA BAY  
**Mean range**: 1.0

**Date of field inspection**: 23 DEC. 1954  
**Subordinate station**: PORT BOCA GRANDE CHARLOTTE HARBOR  
**Ratio of ranges**: 0.7

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<th>Height x Ratio of ranges</th>
<th>Time</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
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<td></td>
<td>h. m.</td>
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<td>15:48</td>
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<td>Stage of tide above MLW</td>
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<td>Stage of tide above MLW</td>
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**Computed by**: WHS  
**Checked by**: 115
Review Report
Shoreline Maps
T-11384 thru T-11388
January 1965

61. General Statement

Area - The project encompasses the west coast of Florida from Venice to Big Hickory Pass, including Charlotte Harbor and Port Meyers.

Purpose - The object of this project is to provide shoreline and horizontal control data for hydrographic surveys and to provide data for nautical chart revisions.

62. Comparison with Registered Topographic Surveys

<table>
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<tr>
<th>Survey</th>
<th>Scale</th>
<th>Year</th>
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<tr>
<td>T-5856</td>
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<td>T-5880</td>
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<tr>
<td>T-8410</td>
<td>1:20,000</td>
<td>1944</td>
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Cultural and shoreline changes have been continuous with extensive cultural changes in the urban areas. These maps are to supersede the above surveys for common area for nautical charting.

63. Comparison with Maps of Other Agencies

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<th>Agency</th>
<th>Scale</th>
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<td>Venice</td>
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<tr>
<td>Englewood</td>
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<td>Englewood NW</td>
<td>1:24,000</td>
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<td>El Jobean</td>
<td>1:24,000</td>
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<td>Punta Gorda</td>
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</table>

There are cultural and shoreline changes but, in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

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<td>H-8471</td>
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<tr>
<td>H-8472</td>
<td>1:10,000</td>
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</table>
Shoreline and control was furnished prior to hydrography and no changes of importance exist.

65. **Comparison with Nautical Charts**

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<td>1:80,000</td>
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<tr>
<td>857 SQ</td>
<td>1:40,000</td>
<td>1964</td>
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</table>

There are only minor differences that exist. However, there are no items to be applied immediately.

66. **Accuracy of Results and Future Surveys**

These surveys were constructed according to project instructions and are within the required accuracy for nautical charting.

Reviewed by,

L. C. Lande

Approved by:

Chiel, Photogrammetric Branch

Chief, Nautical Chart Division

M. C. Nall

for Chief, Photogrammetry Division
**INSTRUCTIONS**

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

<table>
<thead>
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<th>CHART</th>
<th>DATE</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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