<table>
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<tr>
<th>Field No.</th>
<th>Office No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>T-10967</td>
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</tbody>
</table>

**LOCALITY**

State: FLORIDA

General locality: CALOOSAHATCHEE RIVER

Locality: LA BELLE

**1959**

CHIEF OF PARTY

V. R. Sobieralski, Tampa District Office

**LIBRARY & ARCHIVES**

DATE: AUG 3, 1962
DESCRIPTIVE REPORT - DATA RECORD

T-10967

Project No. (II): PH-5806  Quadrangle Name (IV):

Field Office (II): Tampa, Florida  Chief of Party: A. L. Wardwell

Photogrammetric Office (III): Tampa, Florida  Officer-in-Charge: V. Ralph Sobieralski

Instructions dated (II) (III): 11 June 1959 (Office and Field)  Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Stereoscopic Instrument (Kalsh Plotter)

Manuscript Scale (III): 1:20,000  Stereoscopic Plotting Instrument Scale (III): 1:6,000

Scale Factor (III): Pantographed to 1:20,000

Date received in Washington Office (IV): Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 21 July 1961

Publication Scale (IV):

Publication date (IV):

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


MANUSCRIPT except as follows:
Elevations shown as (2) refer to mean high water
Elevations shown as (2) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): LA BELLE 1937

Lat.: 26°45'40.292" (1240.0 ft)  Long.: 81°26'18.444" (509.5 m)  Adjusted

Plane Coordinates (IV):

State: Florida  Zone: East

Y = 382,575.50 Ft.  X = 356,927.83 Ft.

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)

Inapplicable
DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): G. E. Varnadoe Date: Oct-Dec 1959

Plenetable contouring by (II): Inapplicable Date:

Completion Surveys by (II): Inapplicable Date:

Mean High Water Location (III) (State date and method of location): Air photo compilation Date of photography: 25 March 1959

Projection and Grids ruled by (IV): J. Keefer (W.O.) Date: June 1960

Projection and Grids checked by (IV): W. Souders (W.O.) Date: June 1960

Control plotted by (III): V. P. Cackowski Date: Aug. 1960

Control checked by (III): R. E. Smith Date: Aug. 1960

Stereoscopic
Control extension by (III): R. E. Fuechsle (W.O.) Date: June 1960

Planimetry E. T. Ogilby Date: Oct. 1960

Stereoscopic Instrument compilation (III): Date:

Manuscript delineated by (III): E. T. Ogilby Date: Oct. 1960

of compilation


Elevations on Manuscript checked by (II) (III): Inapplicable Date:

•
DESCRIPTIVE REPORT - DATA RECORD

PHOTOGRAPHS (III)

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<tr>
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<td>59-W-3587</td>
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<td>59-W-3596</td>
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</table>

Tide (III)

Reference Station: Inapplicable

Subordinate Station:

Subordinate Station:

Washington Office Review by (IV):

Final Drafting by (IV): V. F. Cackowski (Tampa District Office)

Final Drafting Reviewed by: W.B. Shearouse (Tampa Dist. Office) Jan. 1960

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 27
Shoreline (More than 200 meters from opposite shore) (III): 8 linear
Shoreline (Less than 200 meters from opposite shore) (III):
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 1
Recovered: 1
Identified: 1
Number of BMs searched for (II): None
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:
SUMMARY

to Accompany Shoreline Map Manuscripts T-10966 thru T-10972

The seven (7) subject shoreline surveys represent the western part of Project FH-5805. The project covers the inland waterway from the city of Stuart on the east coast of Florida westward through the St. Lucie Canal, the Okeechobee Waterway and the Caloosahatchee Canal and River to the outskirts of Ft. Myers near the Gulf of Mexico. The inland waterway from Stuart to Lake Okeechobee is covered by fourteen (14) R.S. sheets and the remainder by aforementioned seven shoreline surveys.

The purpose of these maps was to replace previously completed T-sheets of substandard accuracy by new compilations T-10966 through T-10972 and the location of aids to navigation for the entire project.

A stereoplanigraph bridging plot was done in the Washington Office in June 1960 covering subject map manuscripts. They were compiled by Kelsh plotter at the Tampa District Office from 59-W series photography of March 1959 and field inspection information of October to December of 1959.

The submitted final map compilations are the result of adequately scribed sheets and suitable for the direct reproduction of file copies.

A coroner film positive at the compilation scale of 1:20,000 and the Descriptive Report of each will be registered and filed in the Bureau Archives.

September 1961
The Field Inspection Report was submitted separately on 7 April 1966. Is bound with T-10966.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>G.BELLE 1987</td>
<td>PC</td>
<td>882,575.50</td>
<td>✓ 16,009.5</td>
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<tr>
<td>G.BELLE 1987</td>
<td></td>
<td>356,927.83</td>
<td>✓ 10,079.1</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

1 FT. = 0.3048006 METER

COMPUTED BY: ___________________________ DATE: ___________________________ CHECKED BY: ___________________________ DATE: ___________________________
COMPILATION REPORT T-10967

PHOTOGRAMMETRIC PLOT REPORT

Stereoscopic bridge report is submitted with T-10970.

31. DELINEATION

Compilation was done on the Kelsh Plotter, and was carried beyond the limits of field inspection in some areas to satisfy the required limits of delineation.

32. CONTROL

Primary and secondary control was sufficient and placement was good.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage was indicated by the field inspector where it was not apparent on the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate and no problems were encountered in delineation. The only alongshore detail was a wharf at La Belle.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

Form 567 for one landmark was submitted on 26 Aug. 1960 to the Washington Office. There are no Aids.
38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made with T-10966 to the west, T-10968 to the east, T-10972 to the south. There is no contemporary survey to the north.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparisons with USCGS Shoreline Surveys T-5886 (DENAUD) scale 1:10,000, dated 1943; T-5887 (LA BELLE) scale 1:10,000, dated 1943 were made. The comparisons were favorable and the discrepancies were to be expected because of the difference in time.

There is no quadrangle published for comparison.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with USCGS Chart 1289, scale 1:80,000, 2nd edition, 14 March 1949, revised to 9 March 1959. The same discrepancies between the maps were noted as in Item 46.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

APPROVED AND FORWARDED

J. Ralph Sobierski
V. Ralph Sobierski
Tampa District Officer
48. **GEOGRAPHIC NAMES LIST**

Bee-Branch
*Caloosahatchee River
Dean Gully
Florida
La Belle
Pollywog Creek
Shell Creek

* B.G.N. decision

[Signature]

Geographic Names Section
18 August 1961
REVIEW REPORT OF
SHORELINE MAP MANUSCRIPTS T-10966 THRU T-10972

62. Comparison with Registered Topographic Surveys:

<table>
<thead>
<tr>
<th>Sheet</th>
<th>Scale</th>
<th>Year</th>
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</thead>
<tbody>
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<td>T-5884</td>
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<td>T-5885</td>
<td>1:10,000</td>
<td>1939</td>
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<td>T-5888</td>
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<tr>
<td>T-5889</td>
<td>1:10,000</td>
<td>1939</td>
</tr>
</tbody>
</table>

There are minor shoreline changes between these surveys. Cultural changes are more numerous throughout. Subject surveys are to supersede above-listed T-sheets of common area for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

<table>
<thead>
<tr>
<th>Location</th>
<th>Scale</th>
<th>Year</th>
<th>Agency</th>
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<tbody>
<tr>
<td>OLGA, FLA.</td>
<td>1:24,000</td>
<td>1958</td>
<td>U.S.G.S.</td>
</tr>
<tr>
<td>ALVA, FLA.</td>
<td>1:24,000</td>
<td>1958</td>
<td>U.S.G.S.</td>
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<tr>
<td>SEARS, FLA.</td>
<td>1:24,000</td>
<td>1958</td>
<td>U.S.G.S.</td>
</tr>
<tr>
<td>LA BELLE, FLA.</td>
<td>1:24,000</td>
<td>1958</td>
<td>U.S.G.S.</td>
</tr>
<tr>
<td>GOODNO, FLA.</td>
<td>1:24,000</td>
<td>1958</td>
<td>U.S.G.S.</td>
</tr>
</tbody>
</table>

The culture and drainage of these topographic quadrangles was compiled in part from photography of 1951-52 and this information differs between these surveys.

64. Comparison with Contemporary Hydrographic Surveys:

There are no contemporary hydrographic surveys of subject area.

65. Comparison with Nautical Charts:

<table>
<thead>
<tr>
<th>Number</th>
<th>Scale</th>
<th>Revised To</th>
</tr>
</thead>
<tbody>
<tr>
<td>1289</td>
<td>1:80,000</td>
<td>61 7/3</td>
</tr>
</tbody>
</table>

There are only minor differences between these surveys that can be detected in consideration of scale difference.

66. Adequacy of Results and Future Surveys:

These shoreline map manuscripts have been compiled according to instructions and no deficiencies in adequacy or accuracy are indicated.

Reviewed by:

[Signature]

Joseph J. Streifler, Sept. 1961
Approved by:

[Signature]
Chief, Review & Drafting Sec.
Photogrammetry Division

[Signature]
Chief, Nautical Chart Division

[Signature]
Chief, Photogrammetry Division

[Signature]
Chief, Operations Division

8/3/62
49. NOTES FOR THE HYDROGRAPHER

None.
PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT
T-10967

1. Projection and grids WHS
2. Title WHS
3. Manuscript numbers WHS
4. Manuscript size WHS
5. Horizontal control stations of third-order or higher accuracy WHS
6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) WHS
7. Photo hydro stations XX
8. Bench marks XX
9. Picture of sextant fixes XX
10. Photogrammetric plot report W.O.
11. Detail points XX

ALONGSHORE AREAS
(Nautical Chart Date)

12. Shoreline WHS
13. Low-water line XX
14. Rocks, shoals, etc. XX
15. Bridges WHS
16. Aids to navigation XX
17. Landmarks WHS
18. Other alongshore physical features WHS
19. Other alongshore cultural features WHS

PHYSICAL FEATURES

20. Water features WHS
21. Natural ground cover WHS
22. Planetable contours XX
23. Stereoscopic instrument contours XX
24. Contours in general XX
25. Spot elevations XX
26. Other physical features WHS

CULTURAL FEATURES

27. Roads WHS
28. Buildings WHS
29. Railroads XX
30. Other cultural features WHS

BOUNDARIES

31. Boundary lines XX
32. Public land lines XX

MISCELLANEOUS

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

40. William H. Shearouse
   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.

43. Remarks:
NAUTICAL CHARTS BRANCH

SURVEY NO. T-10967

Record of Application to Charts

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