<table>
<thead>
<tr>
<th>Field No.</th>
<th>Office No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-10972</td>
<td></td>
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</table>

**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>Florida</th>
</tr>
</thead>
<tbody>
<tr>
<td>General locality</td>
<td>Caloosahatchee River</td>
</tr>
<tr>
<td>Locality</td>
<td>South of La Belle</td>
</tr>
</tbody>
</table>

**1959**

**Chief of Party**

V. Ralph Sobieralski, Tampa District Officer

**Library & Archives**

**Date**

Aug 3 1962
DESCRIPTIVE REPORT - DATA RECORD

T - 10972

Project No. (II): PH-5806

Quadranle Name (IV):

Field Office (II): Tampa, Florida

Chief of Party: Arthur 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 (Kelsh 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 May 1961

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927

Vertical Datum (III): MHW

Mean-sealevel except as follows:

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

Reference Station (III): LA BELLE 1937 (on T - 10967)

Lat.: 26° 45' 40.292" (1240.0 m.) Long.: 81° 26' 18.440" (509.5 m.) Adjusted

Unadjusted

Plane Coordinates (IV):

State: Florida Zone: East

X = 356,927.83 Ft.

Y = 882,575.50 Ft.
Areas contoured by various personnel
(Show name within area)

(1) (II) (III)

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

Planetable 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

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

Stereoscopic Instrument compilation (III): E. T. Ogilby  
Date: Oct 1960

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

of compilation

Photogrammetric Office Review by (III): I. I. Saperstein  
Date: Nov 1960

Elevations on Manuscript checked by (II) (III):  
Date:
DESCRIPTIVE REPORT - DATA RECORD

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>59-W-3597</td>
<td>25 March 1959</td>
<td>1029</td>
<td>1:30,000</td>
<td>Inapplicable</td>
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</tbody>
</table>

Tide (III)
Inapplicable

Reference Station:
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV):

Final Drafting by (IV):
V. P. Cackowski (Tampa District Office)
Reviewed by W. H. Shearouse (Tampa District Office)
Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 8
Shoreline (More than 200 meters to opposite shore) (III): 3 linear miles
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 0
Number of BMs searched for (II): 0
Number of Recoverable Photo Stations established (III): 0
Number of Temporary Photo Hydro Stations established (III): 0

Remarks:
SUMMARY

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

The seven (7) subject shoreline surveys represent the western part of Project FL-5866. The project covers the inland waterway from the city of Stuart on the east coast of Florida westward through the St. Lucie Canal, the Kissimmee 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 Kissimmee is covered by fourteen (14) A.S. sheets and the remainder by aforementioned seven shoreline surveys.

The purpose of these maps was to replace previously completed 2-sheets of substandard accuracy by new compilations T-10966 through T-10972 and the location of aids to navigation for the entire project.

A stereoplanigraphic bridging plot was done in the Washington Office in June 1959 covering subject map manuscripts. They were compiled by skeletal plotter at the Tampa District Office from 79-A 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 surveyed sheets and suitable for the direct reproduction of file copies.

A carrier 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. It is bound with T-10966 on 7 April 1960.
COMPILED REPORT T-10972

PHOTOGRAHMETRIC PLOT REPORT

Stereoscopic Bridge Report is submitted with T-10970.

31. DELINEATION

The Kelsh Plotter was used for delineation. The field inspection was adequate. In some areas compilation was carried slightly beyond the limits of field inspection in order 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

Shoreline was shown as indicated by the shoreline inspection which was adequate. There are no alongshore details.

36. OFFSHORE DETAILS

None.
37. **LANDMARKS AND AIDS**

None.

38. **CONTROL FOR FUTURE SURVEYS**

None.

39. **JUNCTIONS**

Junctions have been made with T-10967 to the north and T-10971 to the west. The manuscript is the northwest corner of USGS Quadrangle SEARS, 1958 and the junction appears good.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement.

46. **COMPARISON WITH EXISTING MAPS**

Comparison has been made with USGS Quadrangle SEARS, 1:24,000, edition of 1958. The comparison is good except that the marl pit pond shown on the quadrangle at longitude 81° 28' 2h" does not now empty into the Caloosahatchee River.

Comparison has also been made with shoreline surveys T-5886 and T-5887, 1:10,000, edition of 1943. Some changes were noted due to passage of time.

47. **COMPARISON WITH NAUTICAL CHARTS**

Comparison has been made with Chart 1289, 1:80,000, 2nd edition, 14 March 1949, revised to 9 March 1959. Maps listed under Item 46 are probably the source of topography and the same differences apply.
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Eugene T. Ogilby
Cartographer (Photo)

APPROVED AND FORWARDED

J. Ralph Sobieralski
V. Ralph Sobieralski
Tampa District Officer
48. GEOGRAPHIC NAMES LIST

*Caloosahatchee River
Deadman Branch
Florida
Hilliard Gully
La Belle Municipal Airport

* B.G.N. decision

Geographic Names Section
18 August 1961
62. Comparison with Registered Topographic Surveys:

<table>
<thead>
<tr>
<th>Survey</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>T-5269</td>
<td>1:20,000</td>
</tr>
<tr>
<td>T-5265</td>
<td>1:10,000</td>
</tr>
<tr>
<td>T-5066</td>
<td>1:10,000</td>
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<tr>
<td>T-5267</td>
<td>1:10,000</td>
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<tr>
<td>T-5268</td>
<td>1:10,000</td>
</tr>
<tr>
<td>T-5269</td>
<td>1:10,000</td>
</tr>
</tbody>
</table>

There are minor shoreline changes between these surveys. Cultural changes are more evident throughout. Subject surveys are to supersede above-listed 3-sheets of mapped area for navigational charting purposes.

63. Comparison with Maps of Other Areas:

<table>
<thead>
<tr>
<th>Area</th>
<th>Date</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAPA, FLA</td>
<td>1:20,000</td>
<td>1936</td>
</tr>
<tr>
<td>ALVA, FLA</td>
<td>1:24,000</td>
<td>1936</td>
</tr>
<tr>
<td>KEBAR, FLA</td>
<td>1:24,000</td>
<td>1936</td>
</tr>
<tr>
<td>LA BELLE, FLA</td>
<td>1:24,000</td>
<td>1936</td>
</tr>
<tr>
<td>GONDA, FLA</td>
<td>1:24,000</td>
<td>1936</td>
</tr>
</tbody>
</table>

The culture and drainage of these topographic quadrangles was compiled in part from photography of 1931-32 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>Chart</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1363</td>
<td>1:50,000</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:

Joseph J. Stiefel, Sept. 1961
49. NOTES FOR THE HYDROGRAPHER

None.
PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT
T. 10972

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

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

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

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

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

BOUNDARIES
31. Boundary lines
32. Public land lines

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

Reviewer
William H. Shearouse

Supervisor, Review Section or Unit
Milton M. Slavney

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

Supervisor

Remarks:
NAUTICAL CHARTS BRANCH

SURVEY NO. T-10972

Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
</tr>
<tr>
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<td></td>
<td></td>
<td>Before After Verification and Review</td>
</tr>
</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.