

10967

Original

10967
29601

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-10967
LOCALITY	
State	FLORIDA
General locality	CALOOSAHATCHEE RIVER
Locality	LA BELLE
<u>19 59</u>	
CHIEF OF PARTY	
V. R. Sobieralski, Tampa District Office	
LIBRARY & ARCHIVES	
DATE	AUG 3 1962

USCOMM-DC 5087

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 (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 Nov 1961

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927

Vertical Datum (III): MHW

~~Meanseabed~~ except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) 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 m)

Long.: 81°26'18.440" (509.5 m)

Adjusted
Lowest

Plane Coordinates (IV):

State: Florida

Zone: East

Y= 882,575.50 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.

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **G. 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**

~~XXXXXXXX~~ Stereoscopic Control extension by (III): **R. E. Fuechsel (W.O.)** Date: **June 1960**

Planimetry **E. T. Ogilby** Date: **Oct. 1960**

Stereoscopic Instrument compilation (III):
Contours Date:

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

of compilation
Photogrammetric Office Review/by (III): **I. I. Saperstein** Date: **Oct. 1960**

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

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): Wild "W"

4.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
59-W-3587	25 March 1959	10:14	1:30,000	Inapplicable
59-W-3588	" "	10:14	"	"
59-W-3589	" "	10:15	"	"
59-W-3595	" "	10:28	"	"
59-W-3596	" "	10:29	"	"

Tide (III)

Inapplicable

Ratio of Ranges	Mean Range	Spring Range

Reference Station:
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV):

H. Steifler

Date: *Aug. 1961*

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

Date: Dec. 1960

Final Drafting Reviewed by: W.H. Shearouse (Tampa Dist. Office)

Date: Jan. 1960

Drafting verified for reproduction by (IV):

H. Steifler

Date: *Aug. 1961*

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 27

Shoreline (~~More than 200 meters to opposite shore~~) (III): 8 linear

Shoreline (~~Less than 200 meters to 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 Recovered: - Identified: -

Number of Recoverable Photo Stations established (III): None

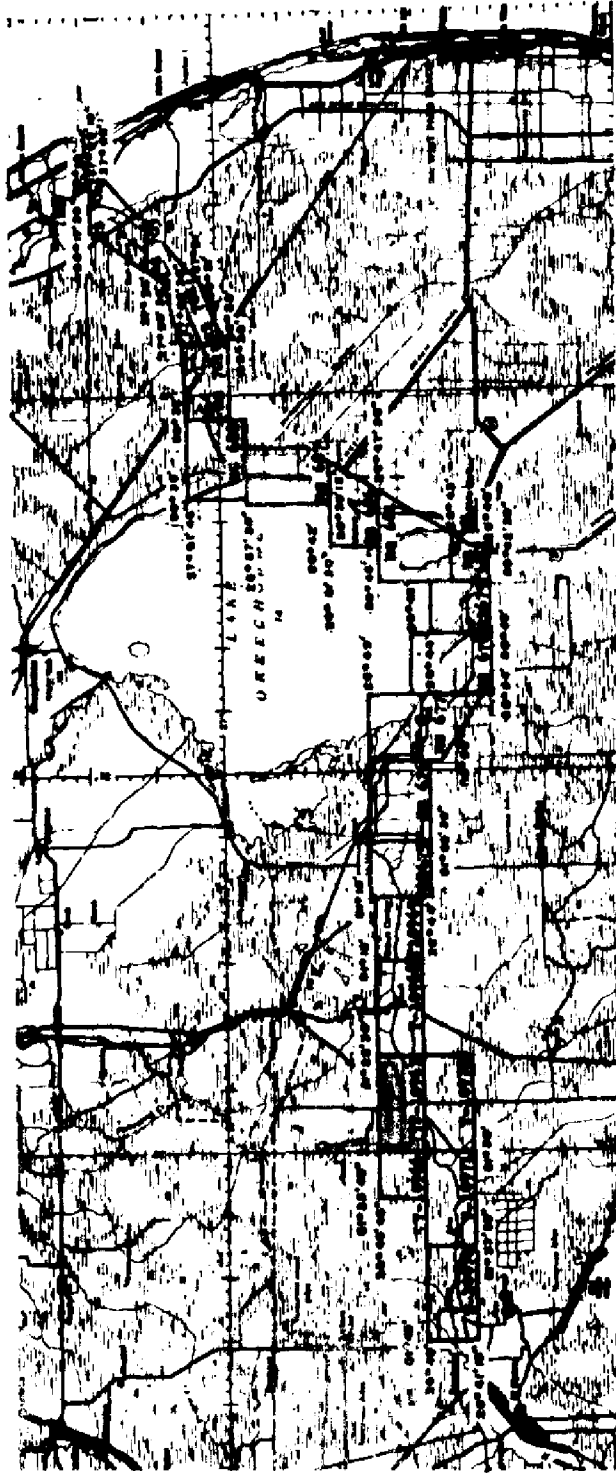
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

PROJECT PH-5806

LOCATION OF AIDS TO NAVIGATION

LAKE OKEECHOBEE, FLORIDA



Official Heights For Coast Accounts

Sheet Number	Area Sq. Ft.	Lin. Ft. Shoreline
1	11	11
2	11	11
3	11	11
4	11	11
5	11	11
6	11	11
7	11	11
8	11	11
9	11	11
10	11	11
11	11	11
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91	11	11
92	11	11
93	11	11
94	11	11
95	11	11
96	11	11
97	11	11
98	11	11
99	11	11
100	11	11
TOTALS	166	217

SUMMARY

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

The seven (7) subject shoreline surveys represent the western part of Project FH-5806. 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 crown 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 1960.~~ is bound with T-10966

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 USC&GS 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

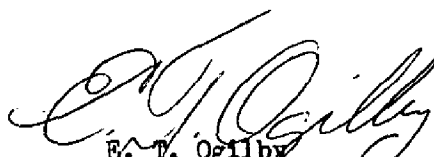
Comparison was made with USC&GS Chart 1289, scale 1:80,000, 2nd edition, 14 March 1949, revised to 9 March 1959. The same discrepancies between the maps were noted as in Item 46.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.


E. T. Ogilby
Cartographer (Photo)

APPROVED AND FORWARDED:



V. Ralph Sobieralski
Tampa District Officer

48. GEOGRAPHIC NAMES LIST

Bee Branch

*Caloosahatchee River

Dean Gully

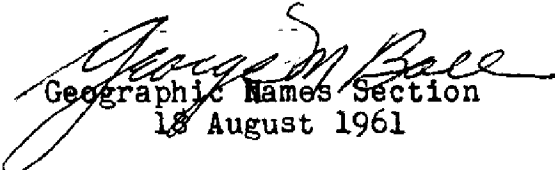
Florida

La Belle

Pollywog Creek

Shell Creek

* B.G.N. decision


Geographic Names Section
18 August 1961

REVIEW REPORT OF
SHORELINE MAP MANUSCRIPTS T-10966 THRU T-10972

62. Comparison with Registered Topographic Surveys:

T-5884	1:10,000	1939
T-5885	1:10,000	1939
T-5886	1:10,000	1939
T-5887	1:10,000	1939
T-5888	1:10,000	1939
T-5889	1:10,000	1939

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:

OLGA, FLA.	1:24,000	1958	U.S.G.S.
ALVA, FLA.	1:24,000	1958	U.S.G.S.
SEARS, FLA.	1:24,000	1958	U.S.G.S.
LA BELLE, FLA.	1:24,000	1958	U.S.G.S.
GOODNO, FLA.	1:24,000	1958	U.S.G.S.

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:

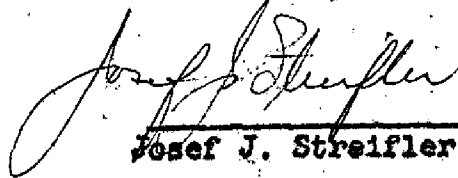
1289	1:80,000	Revised to 61 7/3
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There are only minor differences between these surveys that can be detected in consideration of scale difference.

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:



Josef J. Streifler, Sept. 1961

Approved by:

L. C. Lande
Chief, Review & Drafting Sec.
Photogrammetry Division

Martin T. Paulson
Chief, Nautical Chart Division

J. E. Vaughn 8/3/62 Malcolm R. Pitts
Chief, Photogrammetry Division Chief, Operations Division

49. NOTES FOR THE HYDROGRAPHER

None.

50.

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. Classification label unclassified

CONTROL STATIONS

- 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. Plotting of sextant fixes XX 10. Photogrammetric plot report W.O. 11. Detail points XX

ALONGSHORE AREAS

(Nautical Chart Data)

- 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 along-shore 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
Wm. H. Shearouse Reviewer

Milton M. Slavney
Supervisor, Review Section or Unit
Milton M. Slavney

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

Supervisor

43. Remarks:

