

10969

Original

10969

<p>Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY</p> <h2>DESCRIPTIVE REPORT</h2>	
<p>Type of Survey <u>SHORELINE</u></p>	
<p>Field No. _____ Office No. <u>T-10969</u></p>	
<p>LOCALITY</p>	
<p>State <u>FLORIDA</u></p>	
<p>General locality <u>CALOOSAHATCHEE CANAL</u></p>	
<p>Locality <u>WEST OF LAKE HICPOCHEE</u></p>	
<p><u>19 59</u></p>	
<p>CHIEF OF PARTY</p>	
<p><u>V. R. Sobieralski, Tampa District Officer</u></p>	
<p>LIBRARY & ARCHIVES</p>	
<p>DATE <u>AUG 2 1962</u></p>	

USCOM-DC 5067

DESCRIPTIVE REPORT - DATA RECORD

T - 10969

Project No. (II): PH-5806

Quadrangle Name (IV):

Field Office (II): Tampa Florida

Chief of Party: A. I. Wardwell

Photogrammetric Office (III): Tampa Florida

Officer-in-Charge: V. R. 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

MAR 14 1961

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): MEW

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (S) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): CITRUS 1956

Lat.: 26°46'04.012" (123.5 m)

Long.: 81°13'21.242" (586.9 m)

Adjusted
~~Coordinates~~

Plane Coordinates (IV):

State: Florida

Zone: East

Y= 884,785.13 Ft.

X= 427,378.03 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: **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): **Souders (W.O.)** Date: **June 1960**

Projection and Grids checked by (IV): " " Date: " "

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

Control checked by (II): **V. P. Cackowski** Date: **Aug. 1960**

~~Method~~ or Stereoscopic Date: **June 1960**

Control extension by (III): **R. E. Fuechsel (W.O.)**

Planimetry **W. W. Dawsey** Date: **Nov. 1960**

Stereoscopic Instrument compilation (III):
Contours Date:

Manuscript delineated by (III): **W. W. Dawsey** Date: **Nov. 1960**

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

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

DESCRIPTIVE REPORT - DATA RECORD

4.

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

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
59-W-3578	25 Mar. 1959	10:18		1:30,000	Inapplicable
" 3579	" "	10:19		"	
" 3580	" "	10:20		"	
" 3581	" "	10:21		"	

Tide (III)
Inapplicable

Reference Station:
Subordinate Station:
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

W. Streifer

Date:

Sept. 1961

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

Date:

Jan. 1961

Final Drafting reviewed by: **W.H. Shearouse, Tampa Dist. Office**

Jan. 1961

Drafting verified for reproduction by (IV):

W. Streifer

Date:

Sept. 1961

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **17**

Shoreline (More than 200 meters from opposite shore) (III): **5 Lin. Mi.**

~~Shoreline (Less than 200 meters from opposite shore) (III):~~

Control Leveling - Miles (II): **None**

Number of Triangulation Stations searched for (II): **3***

Recovered: **3***

Identified: **3***

Number of BMs searched for (II): **None**

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): **None**

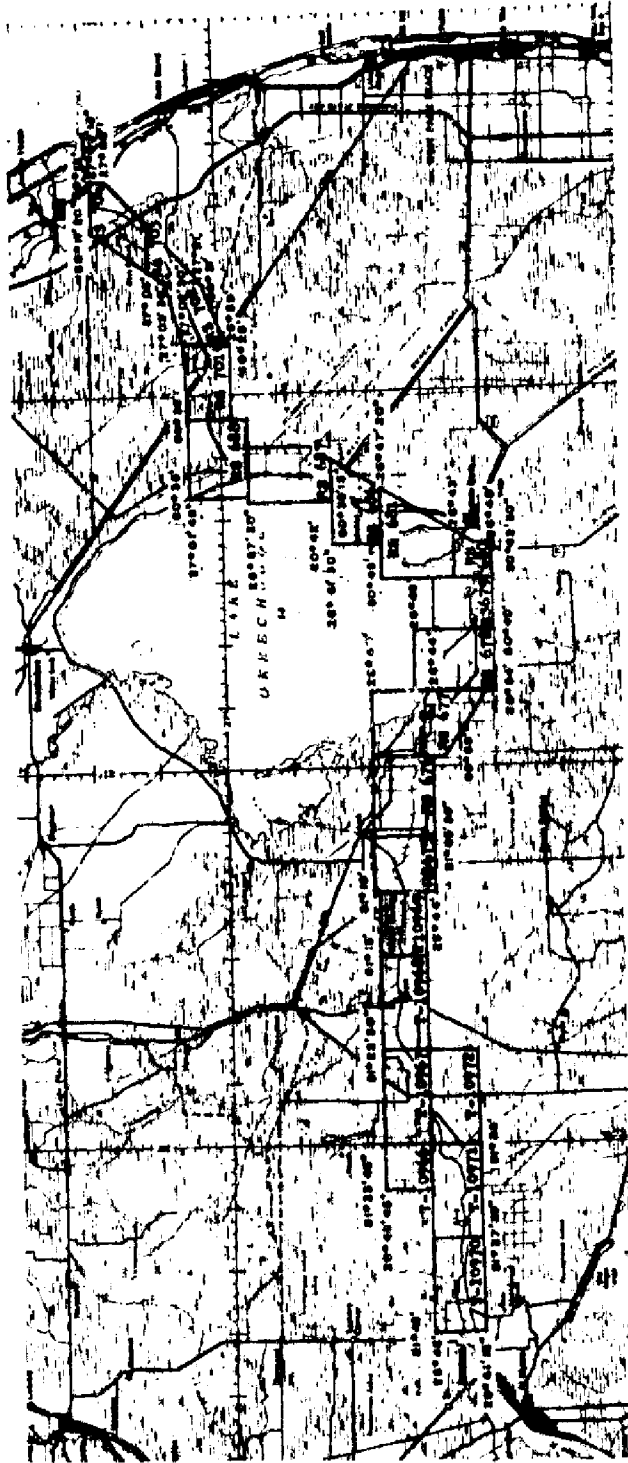
Number of Temporary Photo Hydro Stations established (III): **None**

Remarks: *** Including 1 station east of this map.**

PROJECT PH-5806

LOCATION OF AIDS TO NAVIGATION

LAKE OKEECHOBEE, FLORIDA



Official Mileage Per Cost Accounts

Sheet Number	Area Sq. Mi.	Lin. Mi. Shoreline
NS 675	26	11
NS 676	20	12
NS 677	21	12
NS 678	7	12
NS 679	12	22
NS 680	21	12
NS 681	20	12
NS 682	19	12
NS 683	17	7
NS 684	17	6
NS 685	17	6
NS 686	17	6
NS 687	17	6
NS 688	17	6
NS 689	17	6
NS 690	17	6
NS 691	17	6
NS 692	17	6
NS 693	17	6
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NS 700	17	6
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NS 720	17	6
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NS 994	17	6
NS 995	17	6
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NS 997	17	6
NS 998	17	6
NS 999	17	6
NS 1000	17	6
TOTALS	145	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 April 7, 1960.~~ is bound with T-10966

COMPILATION REPORT T-10969

STEREO bridge report submitted with T-10970.

31. DELINEATION

The Kalsh Plotter was used in the delineation. The field inspection was adequate and the photography was good.

32. CONTROL

Primary and secondary control was sufficient and placement was good.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. The drainage was shown as interpreted from the photography.

35. SHORELINE AND ALONGSHORE DETAILS

None.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

A junction was made with T-10968 to the west and T-5890 (Resurvey 675) to the east. There are no contemporary surveys to the north and south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with the following maps: Shoreline surveys T-5589 and T-5588 scale 1:10,000, compiled by the USC&GS, dated 1942 and 1943. The comparison was generally good. The differences seem due to the passage of time.

47. COMPARISON WITH NAUTICAL CHARTS


Comparison has been made with Nautical Chart No. 1289, scale 1:80,000, 2nd Edition 14 March 1949 revised to 9 March 1959. The maps listed under Item 46 were probably the source for the above chart and the same differences exist.


ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.


W. W. Dawsey
Cartographer

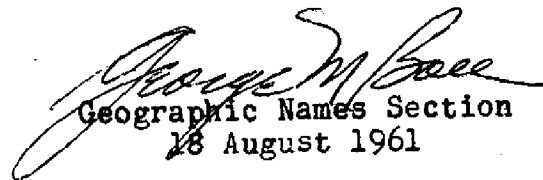
Approved and Forwarded:

V. Ralph Sobieralski
Tampa District Officer

48. GEOGRAPHIC NAMES LIST

*Caloosahatchee Canal

Florida . . .

Lake Hicpochee


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 ^b	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.
BOGANO, 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:

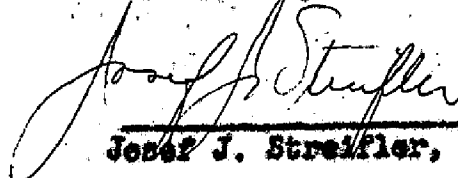
1289	1:80,000	Revised to 61 7/3
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There are only minor differences between these surveys that can be detected in consideration of scale difference.

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. Laude

Chief, Review & Drafting Sec.
Photogrammetry Division

Marvin Paulson

Chief, Nautical Chart Division

J. E. Waugh 8/3/62

Chief, Photogrammetry Division

Wesley Little

Chief, Operations Division

49. NOTES FOR THE HYDROGRAPHER

None.

50.

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T. 10969

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

4a 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) XX
- 7. Photo hydro stations XX
- 8. Bench marks XX
- 9. Plotting of sextant fixes XX
- 10. Photogrammetric plot report W.O.
- 11. Detail points W.O.

ALONGSHORE AREAS

(Nautical Chart Data)

- 12. Shoreline WHS
- 13. Low-water line XX
- 14. Rocks, shoals, etc. XX
- 15. Bridges XX
- 16. Aids to navigation XX
- 17. Landmarks XX
- 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 XX
- 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

W. M. Shearouse Reviewer

M. M. Slavney

Supervisor, Review Section of Unit M. 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:

