

# 8883

Melbourne SW, Fla.

Diag. Cht. No. 1246

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. \_\_\_\_\_ Office No. T-8883

### LOCALITY

State Florida

General locality East Coast

Locality Brevard County

194 7-'49

### CHIEF OF PARTY

G.E. Morris, Jr. Chief of Party

R.A. Gilmore, Tampa Photo. Office

### LIBRARY & ARCHIVES

DATE March 27, 1950

## DATA RECORD

T- 8883

Quadrangle (II): "Melbourne SW"

Project No. (II): Ph-19(47)

Field Office: Cocoa, Florida Chief of Party: George E. Morris, Jr.

Compilation Office: Tampa, Florida Chief of Party: Ross A. Gilmore

Instructions dated (II III): 21 October 1946 Copy filed in *Div. of Photogrammetry*  
28 May 1947 ~~Report No. T-~~ Descriptive (VI)

Completed survey received in office: 2-25-49

Reported to Nautical Chart Section:

Reviewed: 14 Dec 49 Applied to chart No. 845 Date: 10 Nov 49

Redrafting Completed:

Registered: 3 Mar 50

Published:

Compilation Scale: 1: 20,000

Published Scale: 1: 24,000

Scale Factor (III): None

Geographic Datum (III): N.A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): M 60,1934 (Fla. G.S.)

Lat.: 28° 04' 42.598" (1311.2m) Long.: 80° 40' 49.002" (1337.9) Adjusted  
~~Unadjusted~~

State Plane Coordinates (VI):

Florida, East Zone.

X = 603,098.32 ft.

Y = 361,321.36 ft.

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
47J424	12-8-47	10:30	1:20,000	Inland
to		to		quadrangle
47J428 inc.		10:33		
47J458		10:58		
47J479		11:14		
to		to		
47J484 inc.		11:19		
47J512		11:43		
to		to		
47J514 inc.		11:45		

Tide from (III): Inland quadrangle

Mean Range:

Spring Range:

Camera: (Kind or source) Single lens U.S.C. & G.S.

Field Inspection by: C.A. Navin

date: July '48

Field Edit by: J.E. Hundley

date: Apr.-May '49

Date of Mean High-Water Line Location (III): March to June 1948

Projection and Grids ruled by (III) W.E.W. (W.O. )

date: 2/12/48

" " " checked by: W.E.W. (W.O. )

date: 2/12/48

Control plotted by: E.C. Andrews  
R.R. Wagner

date: 4/23/48

Control checked by: R.R. Wagner  
M.M. Slavney

date: 7/15/48

date: 4/28/48

date: 7/15/48

Radial Plot by: M.M. Slavney

date: 9/21/48

Detailed by: J.C. Richter

date: Nov. Dec. 1948

Reviewed in compilation office by: J.A. Giles

date: Jan. 1949

Map manuscript

Elevations on Field Edit Sheet

checked by: J.A. Giles

date: Jan. 1949

STATISTICS (III)

Land Area (Sq. Statute Miles): 56

Shoreline (More than 200 meters to opposite shore): 1 Statute mile

Shoreline (Less than 200 meters to opposite shore): 1.8 Statute miles

Number of Recoverable Topographic Stations established: None

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: 52.5

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

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

MAP T- 8883

PROJECT NO Ph-19(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR U-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
LOCKMORE 1934	G.Ps. P-127	N.A. 1927	27° 59' 55.945 80 40 17.850	<i>Falls off sheet</i>			1722.1 ( 124.8)		
K 60, 1934	Fla. GS	"	28 04 55.319 80 44 58.158				487.8 (1151.8)		
AP 45, 1934	"		28 04 42.280 80 44 37.364				1702.8 ( 144.1)		
L 60, 1934	"	"	80 42 55.607 28 04 42.251				1587.8 ( 50.3)		
AP 46, 1934	"	"	80 41 14.946 28 04 42.598				1301.5 ( 545.4)		
M 60, 1934	"	"	80 40 49.002 28 04 42.992				1020.1 ( 618.0)		
AP 47, 1934	"	"	80 39 09.595 1,361,310.53				1300.6 ( 546.3)		
N 60, 1934	"	"	614,305.70 27 59 55.479				1518.2 ( 119.9)		
LOCKMORE 1934 HA #3 (Az.Mk)	TRAV.	"	80 40 36.714 27 59 55.635				1336.8 ( 510.1)		
LOCKMORE A (n.m.)	"	"	80 40 48.750 27 59 55.526				408.1 (1230.1)		
B (n.m.)	"	"	80 41 18.614 27 59 55.242				1311.2 ( 535.7)		
C (n.m.)	"	"	80 42 48.336 1,310.53 (8689.47)				1337.9 ( 300.3)		

1 FT. = 3048006 METERS  
COMPUTED BY: E.C. Andrews

DATE 23 April 1948

CHECKED BY: R.R. Wagner

DATE 28 April 1948

M-2388-12

[illegible]

1 FT. = 3048006 METER

COMPUTED BY: R.R. Wagner

DATE July 15, 1948

CHECKED BY: M.M. Slavney

DATE July 15, 1948

M-2389.12

## Summary to Accompany T-8883

Topographic map T-8883 is one of 10 similar maps in Project Ph-19(47) and is one of the western maps of the project. It covers part of St. Johns River, part of the City of Melbourne, Florida. This is a graphic compilation project. The field operations preceding compilation included complete field inspection, and the delineation of the contours on the photographs by planetable methods. The map is to be published by the Geological Survey at a scale of 1:24,000 as a standard topographic quadrangle. The registered copies under T-8883 will include a cloth-mounted print of the manuscript at a scale of 1:20,000, ~~and~~ a cloth-mounted color print at a scale of 1:24,000 and the original descriptive report.

FIELD INSPECTION REPORT

TO ACCOMPANY

QUADRANGLE T-8883

"MELBOURNE SW"

N28°07'.5 - W80°45'.0/7.5

PROJECT PH-19(47)

2 JULY 1948

1. DESCRIPTION OF THE AREA

This quadrangle lies within Brevard County on the east coast of Florida. The area contains approximately 57 square miles of land, 7 square miles of marsh and 2 square miles of water. It touches the Indian River on the northeast and the St. Johns River on the northwest. Elevations run from sea level at the northeast corner to 34 feet on the highest ridge near the center of the area and back to 16 feet at the St. Johns River.

There are numerous drainage ditches which break the topography into 1/2 mile strips, with general coverage of palmetto brush and pines. The western edge of the area is marsh and drained pasture land.

The towns of Melbourne and Eau Gallie occupy the northeast quadrant. Numerous citrus groves and cattle raising comprise the major endeavors in the remaining area.

2. COMPLETENESS OF FIELD INSPECTION

The field inspection was done in accordance with Project Ph-9(46) Instructions dated 28 May 1946 and other general instructions.

The inspection was noted on photographs used for contouring, Nos. 47-J-424 to 47-J-428 incl, 47-J-457 to 47-J-459 incl, 47-J-480 to 47-J-483 incl, 47-J-512 to 47-J-514 prints 1 incl, and is believed adequate. All roads, buildings and general cultural features have been noted.

3. INTERPRETATION OF THE PHOTOGRAPHS

The photographs for the most part are clear and easily interpreted; but due to a minimum of overlap it was necessary to use the outlying portions of some photographs, which areas were very dark and fuzzy.

Various tree areas, as shown on the photographs, have been classified as brush, due to extensive logging since date of photography.

In the western portion of the quadrangle the grey areas are grass with lighter areas as low scrub palmetto. The very dark portions are marsh and water. In the remaining portion of the quadrangle the white areas are sand or spoil, grey is scrub brush or grass and dark is trees or water.

4. HORIZONTAL CONTROL

All existing horizontal control stations were recovered and an adequate number identified on the photographs. Those identified are the following:

Two U.S.C. & G.S. triangulation stations LOCKMORE 1934 and WALL 1935.

Five Florida Geodetic Survey stations, AP 45 1934, AP 46 1934, AP 47 1934, L 60 1934, M 60 1934 and N 60 1934. Identification is on print 2 of photographs 47-J-425, 47-J-480 and 47-J-483.

Five miles of 3rd order traverse was run along the southern boundary, west from LOCKMORE 1934, as supplemental horizontal control, as per Washington Office request. Five control points and two azimuth points were established and identified on print 2 of photographs 47-J-483 and 47-J-512.

5. VERTICAL CONTROL

Bench Mark V 32 1933, U.S.C. & G.S. and four Florida Geodetic Survey marks with vertical control by U.S.C. & G.S. (K 60 1934, L 60 1934, M 60 1934, and N 60 1934) and stations WALL and RM2 WALL, vertical control by U.S.C. & G.S. fall within the quadrangle and were used to establish control.

Fly level lines in closed loops were run to establish a base for planetable contouring. All lines closed within the required accuracy and all differences were equally adjusted throughout the TBM's established in any loop.

All level points used have been shown on photographs in blue ink and labeled "MV" with elevation shown to the nearest tenth foot.

6. CONTOURS AND DRAINAGE

Contouring was done on single lens photographs (Nos. 47-J-424 to 47-J-428 incl, 47-J-457 to 47-J-459 incl, 47-J-480 to 47-J-483 incl, 47-J-512 to 47-J-514 incl, all on prints 1), by planetable methods. All traverses tied back to level points with closures of 0.3 foot or less which was adjusted throughout the traverse.

Contouring on photographs 47-J-480 and 47-J-424 and the north portion of 47-J-458 was done by James E. Hundley, Cartographer(Photo).

7. MEAN HIGH WATER LINE

All mean high water lines in this area, Elbow Creek, are indistinct and have been shown as apparent shoreline.

8. LOW WATER LINE

All low water lines in this area, Elbow Creek, are indistinct and have been shown as apparent shoreline.

9. WHARVES AND SHORELINE STRUCTURES

All existing piers, wharves and shoreline structures have been designated on photograph 47-J-459 by Mr. Leo F. Beugnet, Engineering Aid.

10. DETAILS OFFSHORE FROM HIGH WATER LINE

No offshore details appear on this quadrangle.

11. LANDMARKS AND AIDS TO NAVIGATION

Eau Gallie Daybeacons in Eau Gallie harbor would appear on photograph 47-J-459. Substitute points 51, 52 and 53 have been identified on the photograph and a list of directions prepared by Mr. Leo F. Beugnet, Engineering Aid, for Daybeacons 9, 11, 13 and 15, to be shown as aids to navigation. *See Review Report.*

12. HYDROGRAPHIC CONTROL

No hydrographic control stations were required for this quadrangle.

13. LANDING FIELDS AND AERONAUTICAL AIDS

Two landing fields, "Melbourne Naval Air Station" and "Malabar Naval Air Station" have been defined on photographs 47-J-458 and 47-J-483.

There are no aeronautical aids located on this quadrangle.

14. ROAD CLASSIFICATION

All roads are classified in accordance with Photogrammetry Instructions No. 10 as amended 24 October 1947 and have been marked as such on photographs 47-J-424 to 47-J-428 incl, 47-J-457 to 47-J-459 incl, and 47-J-512 to 47-J-514 incl, prints 1.

15. BRIDGES

Two bridges (U. S. Highway No.1 and Florida East Coast Railway) cross Elbow Creek. They have been checked against U.S.E.D. List of Bridges dated 1 July 1941 and clearances found to differ. The clearances as measured by Leo F. Beugnet, Engineering Aid, are shown on reverse side of photograph 47-J-459 and will be included in a special report to the U.S.E.D.

Discrepancies are as follows:

U.S.E.D. BRIDGE LIST

	Hor.Clear.	Vert.Clear.M.H.W.
Highway Bridge	30.6	11.0
Railroad Bridge	40.0	12.5

U.S.C.& G.S.

	Hor.Clear.	Vert.Clear.M.H.W.
Highway Bridge	29.5	12.5
Railroad Bridge	44.6	12.5

16. BUILDINGS AND STRUCTURES

All buildings to be shown have been circled in red ink on photographs, print 1, with the exception of buildings on Melbourne Naval Air Station which are to be added by the compiler from stereoptic observation.

Field inspection instructions have been complied with.

*See item 50*

17. BOUNDARY MONUMENTS AND LINES

This quadrangle lies entirely within boundaries of Brevard County, Florida. The following political and reservation boundaries fall wholly or in part within the quadrangle:

- A. Election Precincts Nos. 5,6,17 and 7.
- B. Eau Gallie City Limits, Photo 47-J-458.
- C. Melbourne City Limits, Photo 47-J-458.
- D. Melbourne Naval Air Station, Photo 47-J-458.
- E. Malabar Naval Air Station, Photo 47-J-483.
- F. Florida State Board of Health Rapid Cure Center,  
Photo 47-J-458.

The boundary of Malabar Naval Air Station is all of Section 25 and has not been shown on the photographs. The election precinct limits which cross the entire quadrangle have been shown on the various photographs. The details of all the above mentioned boundaries will be submitted with the Special Report on Boundaries, Project Ph-19(47), by Lowell I. Bass, Engineering Aid. *In File Section, Div. of Photogrammetry*

Sixty-three section corners were searched for and sixteen recovered and identified on photographs.

18. GEOGRAPHIC NAMES <sup>✓</sup> *Filed in Geographic Name Section, Div. of Charts*

This is the subject of a Special Report, Project Ph-19(47) which will be submitted to the Washington Office at a later date.

19. JUNCTION WITH ADJOINING QUADRANGLES

A junction was made in good agreement with T-8884 to the east. There are no adjoining quadrangles to the west or south and T-8881 to the north has not been completed.

Submitted by:

Cecil A. Navin  
Cecil A. Navin  
Topographic Engineer

Approved and forwarded:

George E. Morris, Jr.  
George E. Morris, Jr.  
Chief of Party

**DEPARTMENT OF COMMERCE**  
**U. S. COAST AND GEODETIC SURVEY**

## NONFLOATING AIDS, ORLANDOMARKS FOR CHARTS

TO BE CHARTED  
TO BE DELETED

Cocoa, Florida May 28, 1948

I recommend that the following objects which have ~~(been examined)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(existing charts)~~ the charts indicated.

The positions given have been checked after listing by R.A. Rocco, Tampa Photogrammetric Office

**Lieut. Comdr. George E. Morris, Jr.** *Chief of Party.*

STATE	FLC.R IDA	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
					LATITUDE		LONGITUDE		DATUM								
					D	M	D	M									
MAU	GALLIE	Black pile with pointer and green reflector.			28	07	920	80	37	976	N.A.	1927	Radial Plot	May 1946	X		845
MAU	GALLIE	"	"		28	07	818	80	37	1054	"	"	"	"	X		845
MAU	GALLIE	"	"		28	07	781	80	37	1133	"	"	"	"	X		845

This form shall be prepared in accordance with Hydrographic Manual pages 800 to 804. Positions of cl

COMPILATION REPORT  
TO ACCOMPANY  
QUADRANGLE T-8883

26 AND 27: CONTROL AND RADIAL PLOT:

Discussion of control will be found in the Special Report on Main Radial Plot, submitted on December 7, 1948, by Milton M. Slavney, Photogrammetric Engineer. *In File Section, Div. of Photogrammetry.*

28. DELINEATION:

Field inspection was adequate for the delineation of this manuscript.

The limits of marsh, grass in water, and high ground in the northwest corner of this manuscript were very difficult to interpret for correct classification in compiling. It has been noted on the discrepancy overlay for clarification by field editor.

Contours along ditches and spoil banks have been delineated in accordance with Photogrammetric Instructions No. 32, dated 11-8-48, insofar as limited spot elevations would permit.

29. SUPPLEMENTAL DATA:

Indexed Street Map of Melbourne and Eau Gallie, Florida  
Annual Report Plan of U.S. Naval Air Station, Melbourne, Florida, 1945  
General Highway and Transportation Map, Brevard County, Florida,  
Revised January, 1946.  
Precinct Map of Brevard County, Florida  
Airport Plans for "Malabar Naval Air Station," Melbourne, Florida.

30. MEAN HIGH-WATER LINE:

Delineated in accordance with field inspection.

31. LOW-WATER AND SHOAL LINES:

Delineated in accordance with field inspection.

32. DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

No offshore detail appears on this manuscript.

33. WHARVES AND SHORELINE STRUCTURES:

Delineated in accordance with field inspection.

34. LANDMARKS AND AIDS TO NAVIGATION:

No landmarks fall within the limits of this manuscript.  
Three non-floating aids were established from theodolite cuts.

Form 567 showing the scaled position of these non-floating aids is submitted herewith as part of this report.

35. HYDROGRAPHIC CONTROL:

None required.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

Two landing fields, Melbourne-Eau Gallie Airport and Malabar Naval Air Station have been delineated on this manuscript.

Florida State Board of Health Rapid Cure Center falls within the boundaries of the Melbourne--Eau Gallie Airport.

There are no aeronautical aids on this manuscript.

37. RECOVERABLE TOPOGRAPHIC STATIONS:

In addition to the nonfloating aids for which Form 524 is being submitted, 16 section corners have been established, their positions scaled and listed on Form 524.

38. GEOGRAPHIC NAMES:

Geographic names were taken from the Geographic Names Sheet, Ph-19(47) submitted by the Washington Office.

39. SECTION LINES AND BOUNDARIES:

Section and precinct lines have been constructed on an ozalid print of the map manuscript and will be inked on the map manuscript after verification by field editor.

Airport boundaries and city limits of Melbourne and Eau Gallie are controlled by section lines and will be inked on map manuscript after verification of section lines by field editor.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

As there are no existing quadrangles for this area, comparison was made with Planimetric Maps No. 4555 and 4556 which were compiled by the Coast and Geodetic Survey in 1930 at 1: 20,000 scale and found to be in good agreement except for a few changes in cultural detail.

45. COMPARISON WITH NAUTICAL CHARTS:

Comparison has been made with Intracoastal Waterway Chart No. 845, having a print date of March 3, 1947, scale 1: 40,000

A very small portion in the northwest corner of this chart falls within the limits of this manuscript and is found to be in good agreement.

Respectfully submitted,

*John C. Richter*

John C. Richter,  
Engineering Draftsman

Approved and Forwarded:

*Ross A. Gilmore*

Ross A. Gilmore, 2/18/49  
Chief of Party.

## FIELD EDIT REPORT

QUADRANGLE T-8887

PROJECT PH-19(47)

The field edit of this quadrangle was accomplished in accordance with Field Edit Instructions dated 24 August 1945 and Supplement I dated 4 February 1946. Actual field work was started 20 April 1949 and completed 23 May 1949.

### 46. METHODS

Field edit was accomplished by traversing, via truck, all passable roads; and by walking to other areas in which the reviewer requested information, or for a general check on the adequacy of the map compilation.

Planetable, hand level, tape, and sextant methods were used to make corrections and additions not shown on the photographs.

On the field edit sheet, red ink was used to show corrections and additions in planimetry; violet ink for contours; and green ink for deletions. Black ink was used for all work on the photographs. Violet ink was used on the discrepancy prints.

The reviewer's questions are answered on the discrepancy prints whenever possible. Other work was shown on the photographs or field edit sheet. All work shown on the photographs is properly referenced on the discrepancy prints of the field edit sheet.

### 47. ADEQUACY OF COMPILATION

The map compilation is believed to be adequate with the corrections added by the field editor.

### 48. ACCURACY TESTS

No accuracy tests were required for this quadrangle. The map is believed to comply with standard horizontal and vertical accuracy specifications. Information concerning the two nearest map accuracy tests was not available.

### 49. TOPOGRAPHIC EXPRESSION

The topographic expression of the quadrangle is considered adequate.

### 50. BUILDINGS

All buildings have been reclassified in accordance with Photogrammetry Instructions No.29, dated 1 October 1948.

51. WOODLAND COVER

All woodland cover has been reclassified in accordance with Photogrammetry Instructions No.21, dated 18 August 1948.

52. ROADS

All changes in road classification were in accordance with strict interpretation of Photogrammetry Instructions No.10, dated 14 April 1947, and Amendment dated 24 October 1947.

53. GEOGRAPHIC NAMES

The correct locations of Melbourne Village and June Park were determined from consultations with local inhabitants and a study of recorded plats in the Circuit Clerks Office.

54. BOUNDARY MONUMENTS AND SECTION LINES

All section corners, with the exception of four noted on the section line discrepancy print, not recovered during the original field work were searched for by the field editor.

Two additional section corners and one point on section line were recovered and identified on the photographs, and Form 524 is submitted.

A location map of Melbourne Field, now Melbourne-Eau Gallie Airport, showing several section corners in the vicinity of the airport is submitted with the field edit data.

According to information received from local inhabitants, numerous section corner monuments were destroyed during the course of excavation of ditches and canals throughout this entire area, and the centerline of most of these ditches and canals are accepted locally as the section lines unless recovered monuments indicate otherwise.

55. EXAMINATION OF PROOF COPY

It is believed that H. H. Wilson, registered land surveyor of Merritt Island, Florida, is best qualified to examine a proof copy of this quadrangle.

Submitted  
26 May 1949

*James E. Hundley* <sup>SH</sup>  
James E. Hundley  
Cartographer(Photo)

Approved and forwarded  
26 May 1949

*George E. Morris, Jr.*  
George E. Morris, Jr.  
Chief of Party

# GEOGRAPHIC NAMES

Survey No. T-8883

? 7<sup>1</sup>/<sub>2</sub> quad.,

Fla. East Coast  
Name on Survey

	A	B	C	D	E	F	G	H	K	
Florida									USGB	1
Brevard County										2
U.S. No. 1/State No. 5										3
U.S. No. 192/State No. 500										4
Florida East Coast										5
Malabar Naval Air Station										6
Melbourne Golf and Country Club										7
Melbourne Village										8
Mintons Corner										9
June Park										10
Sweetwater Camp										11
<del>St. Johns River Dam (on this sheet ?)</del>										12
Florida State Board of Health Rapid Cure Center										13
Melbourne-Eau Gallie Airport										14
Elbow Creek										15
Melbourne	)	names not on sheet, but part of incorporated limits apparently should be shown on it.								16
Eau Gallie	)	Limits are shown								17
St. Johns River									USGB	18
Lake Washington										19
										20
										21
										22
										23
										24
										25
										26
										27

Above names based on special report by Bass, and approved, subject to final check by field edit. 4/6/49

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Review Report T-8883  
Topographic Map  
14 December 1949

62. Comparison with Registered Topo Surveys:

This survey supersedes common areas on T-1460(1878) 1:20,000; T-4545(1930) 1:20,000; T-4555(1930) 1:20,000; T-4556(1928) 1:20,000 for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

None

64. Comparison with Contemporary Hydrographic Surveys:

None

65. Comparison with Nautical Charts:- No. 845, 8-9-48, 1:40,000. No changes were made during review affecting the chart.

66. Adequacy of Results and Future Surveys:-This map complies with national map accuracy standards.

67. Navigational Aids and Landmarks:-Aids and landmarks are listed on form 567 and filed as Chart Letter No. 269(49) in the Division of Charts. See carbon copies following Field Inspection Report.

68. Overlay:-An overlay has been prepared showing road classification, control, etc.

Reviewed by:

Jack L. Rihn  
Jack L. Rihn, Cartographer

APPROVED BY:

S. V. Griffith  
Chief, Review Section *B* 3/10/50  
Division of Photogrammetry *MS*

H. Edmonston  
Chief, Nautical Chart Branch  
Division of Charts

O. S. Reading  
Chief, Div. of Photogrammetry

W. M. Scatfe  
Chief, Div. of Coastal Surveys  
*WMS*

# HISTORY OF HYDROGRAPHIC INFORMATION

T-8883, Florida

Hydrography was applied to the manuscript in accordance with Division of Photogrammetry request of January 17, 1950 and general specifications of May 18, 1949, *but is omitted on the registered copy.*

The soundings are in feet at mean low water and originate with:

Chart Letter 16 (1948)  
Chart Letter 698 (1947)  
U.S.E. Blueprint 33576 (1939) 1:2,000  
C.&G.S. H-1416 (1878) 1:20,000

*Roy E. Elkins*  
Roy E. Elkins, 2/8/50  
Nautical Chart Branch