

8887

Fellsmere, 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-8887

LOCALITY

State Florida

General locality East Coast

Locality Indian River County

1947-'49

CHIEF OF PARTY

G.E. Morris, Jr., Chief of Field Party

R.A. Gilmore, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE April 21, 1950

8887

DATA RECORD

T- 8887

Quadrangle (II): "Fellsmere"

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

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

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

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

Completed survey received in office: 2-11-49

Reported to Nautical Chart Section:

Reviewed: 17 Jan 50

Applied to chart No. 845

Date: 11/14/49

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): M.S.L.

Reference Station (III): BROOKSIDE, 1934 ✓

Lat.: 27° 46' 02." 445(75.3m) ✓

Long.: 80° 33' 10." 891 (298.2m) ✓

Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): Florida East Zone

x = 644,546.41 Ft

y = 1,248,331.75 Ft.

~~Military Grid Zone (VI)~~

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
47-J-433	Dec. 8, 1947	10:38	1: 20,000	Inshore quadrangle -
" 434	"	10:38	"	No perceptible tide.
" 435	"	10:39	"	
" 436	"	10:39	"	
" 437	"	10:40	"	
" 489	"	11:24	"	
" 490	"	11:25	"	
" 491	"	11:26	"	
" 492	"	11:26	"	
" 493	"	11:27	"	
" 503	"	11:37	"	

Tide from (III): No tide

Mean Range: ----- Spring Range: -----

Camera: (Kind or source) Single-lens camera USC&GS

Field Inspection by: James H. Clark date: March 1948

Field Edit by: J.E. Hundley date: Apr. 1949

Date of Mean High-Water Line Location (III): Date of photographs

Projection and Grids ruled by (III) W.E.W. (W.O.) date: Feb. 16, 1948

" " " checked by: S.R. " date: Feb. 16, 1948

Control plotted by: C.H. Baldwin date: July 1948

Control checked by: R.R. Wagner date: July 1948

Radial Plot by: M.M. Slavney date: Aug. 12, 1948

Detailed by: Enola N. Cross date: Aug. 20,- Dec. 6, 1948

Reviewed in compilation office by: J. A. Giles date: Dec. 21, 1948

Map manuscript
Elevations on ~~Map manuscript~~
checked by: J.A. Giles date: Dec. 21, 1948

STATISTICS (III)

Land Area (Sq. Statute Miles): 56

Shoreline (More than 200 meters to opposite shore): 5.4 miles

Shoreline (Less than 200 meters to opposite shore): 16.5 miles

Number of Recoverable Topographic Stations established: 34

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: 35.0

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:

Summary to Accompany T-8887

Topographic map T-8887 is one of 10 similar maps in project Ph-19(47) and is one of the south westerly maps in the project. It covers a portion of Sebastian Creek, Florida. The field operations preceding compilation included field inspection, the establishment of some additional horizontal control, and the delineation of the contours on the photographs by planetable methods. The manuscript was compiled at a scale of 1:20,000. The entire map was field edited. The map is to be published by the Geological Survey at a scale of 1:24,000 as a standard topographic quadrangle. The material registered under T-8887 will include a cloth-mounted print of the manuscript at a scale of 1:20,000, a cloth-mounted color print at a scale of 1:24,000 and the original descriptive report.

7.

FIELD INSPECTION REPORT

TO ACCOMPANY

QUADRANGLE T-8887

"FELLSMERE"

N27°45' - W80°30'/7.5

PROJECT PH-19(47)

15 APRIL 1948

1. DESCRIPTION OF THE AREA

This quadrangle covers that area lying in the northeast portion of Indian River County and includes a small portion of the southeastern part of Brevard County, Florida.

The principal cultural features within the limits of this area are, the., Florida East Coast R.R., Sebastian River, west portion of Roseland Airport, Trans Florida R.R., City of Fellsmere, Florida State Highway No. 512, a large drainage canal running approximately east and west the entire width of the area, and a major portion of the Fleming Spanish Land Grant.

The North and South Fork of the Sebastian River provide natural drainage for the entire eastern portion of the area.

The terrain rises from natural normal water level in the Sebastian River westward to a height of about 30 ft. in the central portion of the quadrangle, thence sloping downward to about 21 ft. on the extreme western limits of the area.

Existing vegetation is comprised of a mixture of palmetto, scattered pine, grass and brush on the high ground, with numerous scattered low areas being covered with cypress.

Citrus fruits are cultivated commercially, only in the vicinity of Fellsmere, remainder of this area being devoted to the raising of cattle.

2. COMPLETENESS OF FIELD INSPECTION

Field inspection was completed in this area during the course of planetable contouring. It is believed to be complete.

3. INTERPRETATION OF THE PHOTOGRAPHS

With numerous field inspection notes as a guide it is believed that all photographic tones can easily be interpreted. The only exception is that some areas definitely showing cypress growth are only intermittently covered with water. This is predominant in that area covered by photograph No. 47-J-434.

4. HORIZONTAL CONTROL

All existing horizontal control in this area was recovered and identified on photographs 47-J-493 and 47-J-489 and are the following:

BROOKSIDE, 1934	Photo No. 47-J-493
MICCO, 1934	Photo No. 47-J-489

In addition to the above previously established horizontal control a traverse of at least 3rd order accuracy was run, to supplement the scarcity of existing horizontal control in this area, from BROOKSIDE, 1934 to SEBASTIAN 2, 1906. Five traverse points, not monumented, but identified on the photographs are the following:

Traverse Point No.1	Photo No. 47-J-493
Traverse Point No.2	Photo No. 47-J-437
Traverse Point No.3	" " "
Traverse Point No.4	" " "
Traverse Point No.5	" " "

Traverse points 2, 3, 4 and 5 appear on photograph 47-J-437 for quadrangle T-8888. Actually they are located in quadrangle T-8887.

5. VERTICAL CONTROL

Two bench marks were recovered within the quadrangle. These and others outside the quadrangle were used to run level lines along the best roads, completely circling the quadrangle. Level closures were good. Further levels were deemed impracticable. Subsequent planetable traverses, all with small closures, bore out this assumption.

6. CONTOURS AND DRAINAGE

The entire area is comparatively flat, with the exception of that on the eastern edge of the quadrangle, near the Sebastian River. A slight north-south ridge can be noted in the center of the quadrangle. This ridge marks the natural division of drainage, the western portion sloping toward the St. Johns River. The exception to this is the large canal (near the County line) which flows easterly, across the area.

All contours have been shown in violet ink. Those not actually drawn are indicated, as in the case of ditches and high spoil banks. Especially along the Sebastian River, it was not practicable to show all ground elevations taken.

7. MEAN HIGH WATER LINE

This is an interior quadrangle and has only a very short distance of shoreline, along the upper reaches of the Sebastian River. The apparent shoreline can be delineated readily, being careful to note patches of water hyacinth, these being noted on photograph No. 47-J-435.

8. LOW WATER LINE

Not applicable.

9. WHARVES AND SHORELINE STRUCTURES

Not applicable.

10. DETAILS OFFSHORE FROM THE HIGH WATER LINE

Not applicable.

11. LANDMARKS AND AIDS TO NAVIGATION

Not applicable.

12. HYDROGRAPHIC CONTROL

No hydrographic control stations were required.

13. LANDING FIELDS AND AERONAUTICAL AIDS

The Roseland Airport, near Sebastian, Florida has a very small portion of its area within the eastern edge of this quadrangle. There are no aeronautical aids in this area.

There is another airport area in this quadrangle: The Fellsmere Airport. This is shown on photograph No. 47-J-504 as being abandoned. The grass has grown high, but if used only in the dry season, it could be classified as an emergency landing field for small aircraft.

14. ROAD CLASSIFICATION

All roads are classified according to Photogrammetry Instructions No.10, and amendment thereto dated 24 October 1947.

15. BRIDGES

There are no bridges over navigable water within the quadrangle. Other bridges, of any appreciable size, are noted on the photographs.

16. BUILDINGS AND STRUCTURES

All buildings to be shown on the manuscript have been circled in red ink, buildings and other items to be deleted have been crossed-out in green ink, and new buildings have been blocked-in, approximately to scale.

17. BOUNDARY MONUMENTS AND LINES

The corporate limits of the town of Fellsmere have been shown on a re-print of photograph No. 47-J-503. Only one boundary marker, a meander corner, was recovered on the Indian River-Brevard County line. That, along with local information, places the county line along a fence line, on the north side of the north spoil bank of the large canal. That portion of the county line shown on photograph No. 47-J-435 is only approximate, there being no points on line, on that photograph. Precinct lines have not been shown, as they can be taken from the Special Report on Boundaries for Project Ph-19(47) and placed, with the aid of the various section, grant, and meander corners recovered. *Filed in Div. of Photogrammetry.*

The Fleming Land Grant has been sectionalized into square mile sections, except for a row of sections along the southwest side of the Grant which are about $1\frac{1}{2}$ miles in width. The corners of these sections are known as "Grant Corners", and are shown as such, along with the grant section numbers, on the forms 524 submitted. Numerous meander corners have been recovered, showing the intersection of north-south (or east-west) section lines with the Fleming Grant Boundary. A total of 30 form 524 cards on all types of corners is being submitted.

The "Fellsmere Farms" area contained no section corners, as this area is sub-divided into a block system. There are no boundary monuments for these blocks. In tracing a boundary, such as that for the town of Fellsmere, the quarter-mile ditches appearing on the photographs can be used to advantage, along with the County Map, which shows the block numbers.

18. GEOGRAPHIC NAMES *X 1*

Geographic Names for this quadrangle are included in a Special Report on Geographic Names for Project Ph-19(47) to be submitted at a later date by Mr. Lowell I. Bass. *Filed in Geographic Name Section, Div. of Charts.*

19. JUNCTION WITH ADJOINING QUADRANGLES

A junction check has been made with quadrangle T-8888 to the east and also with quadrangle T-8885 to the north.

20. MISCELLANEOUS

Aside from the re-print of photograph No. 47-J-503, mentioned in paragraph 17, all field work was done on the following thirteen (13) single-lens photographs: 47-J-433, 47-J-434, 47-J-435, 47-J-436, 47-J-437, 47-J-448, 47-J-489, 47-J-490, 47-J-491, 47-J-492, 47-J-493, 47-J-503 and 47-J-504.

Submitted by:

James H. Clark
James H. Clark (gaw)
Engineering Aid

Approved and forwarded:

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

Station R.R. Spike, 275+54.66 "

Description: Station is 4.2 miles south of Sebastian on Fellsmere Highway State Road No. 512 at curve of road near entrance of Brookside Cemetery, in center line of highway and on line with west shoulder of grade road to south; mark is a railroad spike with chiseled cross set in the macadam surface on point of tangent west end of curve and is a State highway hub (P.O.T.) 275+54.66. To reach turn west from U. S. Highway #1 on paved road Florida State Highway #512, Fellsmere Boulevard 2 blocks north of Hotel Sebastian in Sebastian and go 4.2 miles to curve in road at T-road intersection and station.

*Deleted from map, as too temporary.
JL
MAR Feb. 1, '51*

Mr. Roundabush

Arlington office

This copy is for you.
JL

2/1/51

Copy for Mr. Roundabush
JL

G.P. - 27 46 00.509 }
80 30 41.091 }

MAP T. 8887 PROJECT NO. Ph-19(47) SCALE OF MAP 1: 20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
BROOKSIDE 1934	G.P.S. P127	N.A. 1927	27 46 02.445 80 33 10.891			75.3 (1771.6) 298.2 (1344.7)	
MICCO 1934	G.P.S. P127		27 52 24.081 80 35 47.140			741.3 (1105.6) 1289.5 (351.8)	
FELISMERE*SEBASTIAN	Trav.		27 46 01.564 80 32 28.301			48.1 (1798.7) 774.9 (868.0)	
T P-1 (n.m.)			27 46 01.235 80 31 54.583	**		38.0 (1808.8) 1494.6 (148.3)	
T P-2 (n.m.)	"		27 46 00.889 80 31 19.443			27.4 (1819.5) 532.4 (1110.5)	
T P-3 (n.m.)	"		27 46 00.535 80 30 43.710			16.5 (1830.4) 1196.9 (446.0)	
T P-4 (n.m.)	"		27 46 00.509 80 30 41.091			15.7 (1831.2) 1125.2 (517.8)	
R.R. SPIKE -1948 275--54.66	"		27 46 09.644 80 30 22.936			296.8 (1550.0) 628.0 (1014.8)	
T P-5 (n.m.)	"		27 46 18.173 80 33 20.059			559.4 (1287.5) 549.2 (1093.6)	
BROOKSIDE WEST	"		27 46 18.989 80 33 38.205	**		584.5 (1262.4) 1046.1 (596.8)	
"A" (n.m.)	"		27 46 20.120 80 34 03.436			619.3 (1227.5) 94.1 (1548.8)	
"B" (n.m.)	"		27 46 21.528 80 34 35.257			662.7 (1184.2) 965.4 (677.5)	
"C" (n.m.)	"						
"D" (n.m.)	"						

1 FT. - 3048006 METER
COMPUTED BY: R.R. Wagner
CHECKED BY: M.M. Slavney
DATE 13 July 1948
DATE 14 July 1948
M-2388-12

MAP T-8887

PROJECT NO. Ph-19(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-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	
"E" (n.m.)	Trav.	N.A. 1927	27 46	24.203				745.0	(1101.9)		
			80 35	35.849				981.5	(661.3)		
"F" (n.m.)	"		27 46	27.599				849.3	(997.5)		
			80 36	52.874				1447.7	(195.1)		
"H" (n.m.)	"		27 46	44.565				1371.8	(475.1)		
			80 36	53.406				1462.2	(180.5)		
"J" (n.m.)	"		27 46	44.997				1385.1	(461.8)		
			80 37	29.217				799.9	(842.8)		
* "K" (n.m.)	"		27 46	45.732				1407.7	(439.2)		
			80 38	30.752				842.0	(800.8)		
MICCO EAST "A" (n.m.)	"		27 52	24.295				747.8	(1099.0)		
			80 35	40.166				1098.7	(542.6)		
"B" (n.m.)	"		27 52	23.572				725.6	(1121.3)		
			80 34	28.311				774.4	(866.9)		
"C" (n.m.)	"		27 52	23.737	**			730.6	(1116.2)		
			80 33	18.321				501.2	(1140.1)		
"D" (n.m.)	"		27 52	49.647				1528.2	(318.7)		
			80 32	48.507				1326.9	(314.4)		
"E" (n.m.)	"		27 52	50.105				1542.3	(304.6)		
			80 32	28.868				789.7	(851.6)		
MICCO WEST "A" (n.m.)	"		27 52	24.534				755.2	(1091.7)		
			80 35	52.354				1432.1	(209.2)		
"B" (n.m.)	"		27 52	25.265				777.7	(1069.2)		
			80 36	53.095				1452.4	(188.9)		

1 FT. = 3048008 METER

COMPUTED BY: R.R. Wagner

DATE 13 July 1948

CHECKED BY: M.M. Slayney

DATE 14 July, 1948

M-2388-12

3

COMPILATION REPORT
TO ACCOMPANY
QUADRANGLE FELLSMERE
T-8887

26 AND 27. CONTROL AND RADIAL PLOT:

A special report prepared by M.M. Slavney, Photogrammetric Engineer, was submitted to the Washington Office on December 7, 1948. Filed in Div. of Photogrammetry.

28. DELINEATION:

The map manuscript was delineated in accordance with the latest instructions for Project Ph-19(47).

The detail was delineated from 1: 20,000-scale single-lens photographs which were of excellent scale but rather dark in tone.

Owing to insufficient overlap, numerous detail points were established from two cuts. This is particularly evident in the area between the photograph centers of flights 47 J 489 to 493 and 47 J 433 to 437. These two-cut detail points affected the establishment of section and grant corners in this area (see item 37).

The vegetation has been classified according to Photogrammetry Instructions No. 21 which were issued after the field inspection had been completed for this project. "Brush" classification on the field photographs has been changed to "Orchard" on the map manuscript where the orchard pattern is evident.

The buildings have been delineated as nearly as possible in accordance with Photogrammetry Instructions No. 29 which were issued after the field inspection had been completed for this project. Some changes will necessarily have to be made after the field editor designates the Class II buildings.

The field inspection was excellent. A few discrepancies have been noted on the overlay for the field editor.

30. MEAN HIGH-WATER LINE

See Field Inspection Report, item 7.

31. to 35.

Not applicable.

36. LANDING FIELDS AND AERONAUTICAL AIDS

See Field Inspection Report, item 13.

37. SECTION AND GRANT CORNERS:

Section and grant corners were established by the following methods:

- a. Radial plot method.
- b. Use of reference points and measurements given on Form 524.
- c. Establishment of adjacent detail points. (These detail points often had only 2 cuts and these cuts were often flat.)

Where the above methods could not be used, the corners were transferred directly from the field photographs.

General Land Office plats proved to be of little aid in determining the section and grant lines in the area covered by this quadrangle. These lines have been tentatively constructed on the map manuscript in red pencil. A discrepancy print has been made for the field editor's use, and, upon its return from the field, the lines will be made permanent according to his findings.

38. BOUNDARY MONUMENTS AND LINES:

The Indian River-Brevard County Line boundary follows township line T 30 S, T 31 S across the central part of the map manuscript from west to east until it reaches the centerline of Sebastian Creek.

39. GEOGRAPHIC NAMES: 8/11/49

All geographic names submitted have been applied to the map manuscript.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES AND OTHER MAPS:

None available for comparison.

45. COMPARISON WITH NAUTICAL CHARTS:

Not applicable.

Respectfully submitted,
Enola N. Cross
Enola N. Cross
Engineering Aid

Approved and Forwarded:

Ross A. Gilmore

Ross A. Gilmore,
Chief of Party.

2/3/49

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 30 March 1949 and completed 7 April 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, and tape 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; green ink for deletions; and violet ink for contours. Black ink was used for all work on the photographs.

The reviewer's questions are answered on the discrepancy print 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 print or 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.

Congested corrections and additions in topographic detail north of Latitude $27^{\circ}51'$ and between Longitude $80^{\circ}31'$ - $80^{\circ}33'$ has been shown on an overlay submitted with the field edit data. *Placed in Report Envelope*

50. BOUNDARY MONUMENTS AND LINES

A thorough search was made for monuments along the plotted position of the Indian River - Brevard County line, but none were recovered. This absence of monuments was confirmed by Mr. H. C. Watts, registered surveyor (also Chief Engineer, Fellsmere Sugar Producers Association; Chief Engineer, Fellsmere Drainage District; and County Commissioner of Indian River County), and by Mr. Frank P. Schuster, Brevard County Surveyor.

Corrections to the corporate limits of Fellsmere were made from comparison with an official city map on file in the Mayor's office. The corrected limits as shown on the field edit sheet were verified by Mr. H. C. Watts.

The location of two monuments along the NW-SE Fleming Grant line in the extreme NE corner of the quadrangle were checked by measurements to nearby detail and found to be correctly plotted on the map manuscript. It is therefore believed that the northernmost monument of two recovered monuments along the same tangent in quadrangle T-8888 is incorrectly located and should be deleted. (This corrects an erroneous statement on the field edit sheet for quadrangle T-8888 confirming the location of this same monument.)

51. BUILDINGS

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

52. WOODLAND COVER

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

53. EXAMINATION OF PROOF COPY

It is believed that Mr. H. C. Watts, registered land surveyor and Chief Engineer of the Fellsmere Sugar Producers Association of Fellsmere, Florida, is best qualified to examine a proof copy of this quadrangle.

Submitted
11 April 1949

James E. Hundley
James E. Hundley
(Cartographer(Photographer))

Approved and forwarded
19 April 1949

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

GEOGRAPHIC NAMES

Survey No. T-8887

FELLSMERE Fla. 7 $\frac{1}{2}$ ' quad.

Name on Survey

[illegible]

Review Report T-8887
Topographic Map
17 January 1950

62. Comparison with Registered Topographic Surveys.-This survey supersedes common areas on T-1544(1880) 1:20,000; and T-4550(1930) 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.-Additions and corrections made during review have not been shown in red because it is almost entirely an inland survey. No changes were made that would affect the charts.
66. Adequacy of Results.-This map complies with national map accuracy standards.
67. Boundaries.-The northeast boundary of Fleming Grant was corrected after finding an error in the pricking of one of the monuments.
68. Overlay.-An overlay has been prepared showing control, road classifications, etc.

Reviewed by:

Jack L. Rihn
Jack L. Rihn
Cartographer

APPROVED BY:

S. V. Griffith
Chief, Review Section B 3/29/50
Division of Photogrammetry

H. E. Edmonson
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Div. of Photogrammetry

W. M. Acaife
Chief, Div. of Coastal Surveys

HISTORY OF HYDROGRAPHIC INFORMATION

T-8887, Florida

Hydrography was applied to the manuscript from H-1491 (1881) 1:20,000, in accordance with Division of Photogrammetry request of January 24, 1950 and general specifications of May 18, 1949.

The depths are expressed in feet at mean low water.

Roy E. Elkins

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