

5840

Diag'd, on diag. ch. No. 1257

5840

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey <u>Air Photo. Compilation</u>	
Field No.	Office No. <u>T-5840</u>
LOCALITY	
State <u>Florida</u>	
General locality <u>Tampa Bay</u>	
Locality <u>Little Manatee River</u>	
(*) 9 lens photos 12-8-39	(*) single lens photo- date unknown
(1) " " " 11-12-42	
<u>1944</u>	
CHIEF OF PARTY	
<u>Comdr. Ray L. Schoppe</u>	
LIBRARY & ARCHIVES	
DATE <u>Oct 14-1947</u>	

DATA RECORD

T- 5840 (Revised)

Quadrangle (II):

Project No. (II):

Field Office: Tampa, Florida

Chief of Party: Ray L. Schoppe

Compilation Office: Tampa, Fla.

Chief of Party: Ray L. Schoppe

Instructions dated (II III): 4/3/40

Copy filed in Descriptive
Report No. T- (VI)

Completed survey received in office: 5/21/42 *Sheet sent back to Tampa for revision 3/44. Revised manuscript received 11/44 with this description report.*
 Reported to Nautical Chart Section: *In 1942 and revision reported 2/3/45 R.S.*

Reviewed: 4/45

Applied to chart No.

Date:

Redrafting Completed: ✓ 9/30/42

Registered: 9/47

Published: ✓ 3/6/46

Compilation Scale: 1:10,000

Published Scale: 1:10 000

Scale Factor (III): 1.00

Geographic Datum (III): N. A. 1927

Datum Plane (III): M. S. L.

Reference Station (III): MANGROVE (U.S.E.) 1908

Lat.: 27°44'39.485"
(1215.4M)Long.: 82°28'48.503"
(1328.3M)Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): FLORIDA, WEST ZONE.

X = 344,695.67

Y = 1,239,994.66

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
4042	12/8/39	11:32 A.M.	1:10,000	0.75
4043	"	11:33 A.M.	"	0.75
4044	"	11:34 A.M.	"	0.75
4053	"	11:46 A.M.	"	0.80
4054	"	11:46 A.M.	"	0.80
4055	"	11:47 A.M.	"	0.80
2-137)	Date & time not available as per Directors' letter			
2-117)	dated November 24, 1941. (Ref. 26-RGC-1990)			

Tide from (III): Tampa Bay (St. Petersburg)

Mean Range: 1.5

Spring Range: 2.0

Camera: (Kind or source) U.S.C. & G.S. 9 lens

Field Inspection by: J. D. T.

date: Sept. & Oct. 1941

Field Edit by:

date:

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

Projection and Grids ruled by (III) Wash. Office

date:

" " " checked by: " "

date:

Control plotted by: M. M. Slavney

date: 8/7/44

Control checked by: B. H. Lyon

date: 8/7/44

Radial Plot by: Tampa Office Personnel

date: 8/15/44

Detailed by: J. Collins

date: Oct., 1944

Reviewed in compilation office by: J. A. Giles

date: 10/18/44

Elevations on Field Edit Sheet
checked by:

date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 14.7 (6.36 sq. st. mi. revised)

Shoreline (More than 200 meters to opposite shore): 68.0 (8.1 mi. revised)

Shoreline (Less than 200 meters to opposite shore): 2.9 (1.1 mi. revised)

Number of Recoverable Topographic Stations established: 13

Number of Temporary Hydrographic Stations located by radial plot: 27

Leveling (to control contours) - miles:

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:

DESCRIPTIVE REPORT
To Accompany
SHEET T-5840
(Revised)

26. & 27. CONTROL & RADIAL PLOT

An account of the main radial plot has been incorporated in the descriptive report for sheet T-5839.

28. DETAILING

The photographs used in the revision of this sheet consist of two single lens photographs, 2-117 and 2-137, and three nine lens photographs, 4044, 4045, and 4053.

The nine lens photographs were used for detailing. None of the photographs were ~~of~~ satisfactory ~~due~~ due to bad chamber junctions and distortion, however, the distortion factor was largely overcome by use of projector.

Additional radial points were located without difficulty.

One nine lens photograph, 11688, scale 1:20,000, was used in delineating new cultural features, which did not appear on other photographs. This photograph was taken November 12, 1942, which was of a much later date than the others used. Radial points common to both were held under projector.

The area that is completely revised on this sheet extends east approximately from longitude $82^{\circ} 27'$ and north from latitude $27^{\circ} 43'$. The exact area revised is bounded by blue line.

In latitude $27^{\circ} 43'$, longitude $82^{\circ} 27'$, there are two large areas which have been converted to cultivation. In latitude $27^{\circ} 42'$, longitude $82^{\circ} 26'$ there is one cultivated area that has been enlarged. The positions of these areas were plotted from Sheet No. T-8392, which is of 1:20,000 scale, and was checked on photograph 11688, using projector. These areas are the only major changes noted outside of revised area.

29. SUPPLEMENTAL DATA

No graphic control surveys or maps and plans of other organizations were used to supplement photographs in the detailing of this sheet.

35. HYDROGRAPHIC CONTROL

There are eleven marked hydrographic stations located by radial plot on this sheet. These are:

GIG 1941	BAG 1941
HAG 1941	GUM 1941
EDD 45, 1935 (U.S.E.)	VAN 1941
JET 1941	WAX 1941
HAD 1941	LEG 1941
EDD 43, 1935 (U.S.E.)	

There are 29 unmarked stations for future use by the Hydrographic Party. These are described as they appear on the sheet.

37. H. & T. STATIONS

Station V-39, 1933, appearing in the northwest portion of this sheet, has the following new position:

Lat. 27° 45' 221 (1626) meters
 Long. 82° 24' 180 (1463) meters

*Consult original 524 card
see page 1 of Data Record 1944.*

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Refer to paragraph 28.

45. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with U.S.C.&G.S. Chart No. 587, scale 1:40,000, printed August 14, 1944.

The chart shows the shoreline to be indefinite, whereas, the compilation shows the mean high-water line to be located at the inner edge of sand flat.

All cultural features were in general agreement.

Respectfully submitted,

James Collins

James Collins,
Sr. Photo. Aid.

Forwarded and approved by:

Ray L. Schoppe

Ray L. Schoppe,
Chief of Party.

GEOGRAPHIC NAMES

Survey No. T-5840

1	Name on Survey									
		A	B	C	D	E	F	G	H	K
		On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
✓	<u>Florida</u>								USGB	1
✓	<u>Tampa Bay</u>									2
✓	<u>Atlantic Coast Line</u>									3
	<u>U.S. No. 541/State No. 23</u>		and	30						4
										5
✓	<u>Little Manatee River</u>				277824					6
✓	<u>Ruskin</u>				(to bottom of page, inclusive)					7
✓	<u>Marsh Branch</u>									8
✓	<u>Ruskin Inlet</u>									9
✓	<u>Pirate Point</u>									10
✓	<u>Snake Island</u>									11
✓	<u>Goat Island</u>									12
✓	<u>Devils Elbow</u>									13
✓	<u>Shell Pt.</u>									14
✓	<u>Sand Island</u>									15
✓	<u>Bird Key</u>									16
✓	<u>Whiskey Key</u>									17
✓	<u>Sand Point</u>									18
✓	<u>Cabbage Creek</u>									19
✓	<u>Crab Creek</u>									20
✓	<u>Banana Creek</u>									21
✓	<u>Mangrove Point</u>									22
✓	<u>Pelican Cove</u>									23
✓	<u>Hunter Pass</u>									24
✓	<u>Double Bayou Pass</u>									25
✓	<u>Lizas Fork</u>									26
✓	<u>Wolf Branch</u>									27

GEOGRAPHIC NAMES

Survey No. T-5840

2	Name on Survey	A	B	C	D	E	F	G	H	K
		On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
✓	<u>Little Cockroach Rock Pass</u>				(all on 277825)					USGB 1
✓	<u>Little Cockroach Island</u>									" 2
✓	<u>Shell Key</u>									3
✓	<u>Mags Hole</u>									4
✓	<u>Little Cookroach Bay</u>									USGB 5
✓	<u>Coon Creek</u>									6
✓	<u>Marys Lake</u>									7
✓	<u>Marys Lake Pass</u>									8
✓	<u>Gooseneck Pass</u>									9
✓	<u>Marys Point</u>									10
✓	<u>Big Pass Key</u>									11
	<u>Mill Bayou</u>									12
										13
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										27

Names underlined in red approved by L. Heck on 5/17/46

Division of Photogrammetry
Review of Planimetric Map T-5840

Manuscript T-5840 was received in Washington in 1942, but after examination was returned to the Tampa Photogrammetric Office for revision. The manuscript was revised and returned to Washington in November 1944. The descriptive report and this review refer to the revised manuscript.

Field Inspection and Detailing.

These were generally complete. However, it has been necessary during the review to revise the delineation of the inshore side of the mangrove areas for the sake of clarity. This refers to the sand and mud flats with scattered grass which lie between the dense mangrove and fast land. As submitted from the photogrammetric office, this area was generally correctly compiled, but the compiler had attempted to show too much detail and the manuscript was difficult to interpret.

Comparison with Previous Surveys.

T-5840 supersedes the following older surveys over the common area:

T-1408b	1:20,000	1875
T-1411a	1:20,000	1875
T-4200	1:20,000	1926
T-4201	1:20,000 & 1:10,000	1926

Comparison with Nautical Charts.

The original manuscript was applied to chart 587 in 1942, prior to the revision mentioned in paragraph 1 above. Since the manuscript has been rather extensively revised, it should be again applied to chart 587.

Reviewed under the direction of R. M. Berry, April 1945.

Review report prepared by B. G. Jones from reviewer's notes, September 1947.

APPROVED BY:

B. G. Jones 9/47
Technical Assistant to the
Chief, Div. of Photogrammetry

R. M. Berry
Chief, Nautical Chart Br.
Division of Charts

E. J. Jones 13 Oct 47
Acting Chief, Div. of Photogrammetry

C. H. Green
Chief, Division of Coastal
Surveys