

5819

Diag d. on Diag. Ch. No. 1257-2

Form 504 Rev. April 1935	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. T-5819
State <u>Florida.</u>	
LOCALITY	
<u>Florida West Coast,</u> <u>Crystal Beach - Lake Butler</u> <u>Tarpon Springs South to Ozone</u>	
Date of Photos <u>Dec 7, 1939</u>	
<u>1934</u>	
CHIEF OF PARTY	
<u>Lieut. Kenneth G. Crosby.</u>	

U. S. GOVERNMENT PRINTING OFFICE 102221

5819

Applied to Chart 1257. before review. October 12, 1942 LAM.

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

CS-242-E

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. T-5819

REGISTER NO.

State Florida

General locality Florida West Coast

Locality Tarpon Springs South to Ozone Crystal Beach - Lake Butler
Photograph

Scale 1:10,000 Date of ~~survey~~ December 7, 1939

Party

~~Dossett~~ Air Photographic Party No. 1.

Chief of party Lieut. Kenneth G. Crosby

Field Inspected by: Lieut. E. L. Jones and H. A. Duffy, Photogrammetric
~~Surveyed by~~ Aid, March, 1941

Inked by Rudolf Dossett

Heights in feet above.....to ground to tops of trees

Contour, Approximate contour, Form line interval.....feet

Instructions dated April 3, 1940

Remarks:.....

...

Completed survey received: 3 Oct. 1941

Reviewed: 31 Jan. 1942

Redrafted: Oct. 1944

Published: June, 1945

Registered: 19 May, 1948

PHOTOGRAPHS

Number	Date	Time	Stage of Tide
3908	December 7, 1939	10:57	1.5
3909	" " "	10:58	1.5
3945	" " "	11:35	1.4
3946	" " "	11:35	1.4
3947	" " "	11:36	1.4
3980	" " "	12:05	1.3
3981	" " "	12:05	1.3
3982	" " "	12:06	1.3

Tide from predicted tables for: Crystal Beach (Mean of South Anclote & Dunedin)
Reference Station: Tampa Bay.

Camera: U.S. Coast and Geodetic Survey Nine-Lens (focal length 8 $\frac{1}{2}$ inches)
Negatives on file at Washington Office.

SCALE

Mean scale of Photographic.....1 : 10,000 \div 0.9989
Scale of Survey Sheet.....1 : 10,000

See review
Paragraph on
Radial Plot and Detailing

STATISTICS

Area (land).....	20.8	Square statute miles
Shoreline (more than 200 m. from opposite shore).....	33.5	Statute miles
Shoreline (creeks).....	3.8	Statute miles
Roads, streets, trails, and railroads.....	84.5	Statute miles

REFERENCE STATION

Station: Tarpon Springs Municipal
Tank, 1934 (Lake Butler)

Datum: N. A. Datum, 1927

Latitude: 28° 08' 26.453" (814.3m)

Longitude: 82° 43' 57.460" (1568.0m)

Florida State Coordinates
Zone 2 (West)

$x = 263,888.04$ Ft
 $y = 1,384,304.24$ Ft
Note: See Scale Factor

Date of Survey - See page 4

SUPPLEMENTARY SURVEYS

Control of Survey	KWS-WHS-WOG		
Field of Survey	(Computations	Apr. 1 & 25 '41	9
Total			

FIELD INSPECTION

Photographic Photo. of	K.W. S	Jan.-Feb. 1941	16
Photo. of	HAD MMS SCM	Feb.	69
Photo. of	JDT MMS SCM	Feb.	10
Photo. of	---	---	---
Photo. of	HAD MMS-LJD	Mar.-June	11½
Photo. of	---	---	---
Photo. of	HAD MMS ICM	February	37½
Total			143 3/4

RECEIVED FIELD

Photo. of	K. G. C.	Apr. 2, 1941	3½
Photo. of	Washington Office	April	---
Control Photo.	K. G. C.	Apr. 29,	3
Control Photo.	W. H. S.	Apr. 30,	3
Control Photo.	K. G. C.	May 7,	1½
Control Photo.	K. W. S.	May 8,	2
Control Photo.	J. A. G.	Mar. 26,	21
Control Photo.	J. H. S. B.	Apr. 1 & 6,	6
Control Photo.	SAG KWS LJD	Mar. & Apr.	10
Control Photo.	KW.S.	Apr. 15,	15
Control Photo.	KWS MMS	Feb. & Mar.	26½
Control Photo.	LS.D	Apr. 29,	9
Control Photo.	KGC SDT WHS JED	May 9-12	10
Control Photo.	WHS LJD	May 13 & 15	3½
Control Photo.	KWS JED LJD	May 13 & 14	5
Control Photo.	RD KGC	June 27-Aug. 27	4
Total			122.5

PRINTING

Photo. of	R. D.	May 16-June 27	184
Photo. of	---	and Sept. 8	1

COMPLICATION

Photo. of	R. D.	June 26	7
Photo. of	R. D. - KG. C	June 27-Aug 27	14
Photo. of	KGC	Sept. 5-8	17
Total			38

498 1/4

DESCRIPTIVE REPORT
To Accompany
SHEET NO. T---5819

GENERAL

This sheet was compiled in accordance with "Instructions for Drafting Air Photographic Surveys, Project H. T. 248", dated April 3, 1940.

The general locality of the area covered by this survey sheet is Florida West Coast, in the vicinity of the town of Crystal Beach. It extends southward from the general vicinity of Tarpon Springs to Southerland Bayou.

The terrain in the area covered by this sheet is generally high ground with a vegetation cover of pine, brush, deciduous trees, and occasional marshy areas along the shoreline.

Just north of Wall Springs, between the shoreline and the ACL Railroad, there is an area shown on the drawing as a marsh. This area, however was formerly a large pond. Mosquito control drainage has now eliminated the water, and the area appears to be marshy and grassy. The numerous ditches draining this area are shown on the drawing.

The vegetation and physical features of the entire area west of Lake Butler is much the same, there being numerous citrus groves, scattered swamps and ponds.

East of, and in the immediate vicinity of Lake Butler, the terrain is about evenly divided between mixed swamps, cypress swamps and the higher ground, which is vegetated by pine, brush, oak, palmetto and grass.

Along the shoreline there is much shoal area. The field inspector has shown on the field prints the approximate mean low water limits. These areas, however, are so indefinite on the photographs that they have not been shown in outline, but have been labeled "Bare at M.L.W." where they occur along the shoreline.

The approximate limit of M. L. W. is shown by dotted lines.

All small islets along the shoreline should be drafted as marsh unless otherwise labeled.

All roads should be shown 0.6 MM wide, as none of the roads in this area are over 12 meters wide.

Fire breaks are not shown on this drawing.

For a general report on the field inspection of this area, see special report submitted by Lieut. (J.G.) James Thurmond to the Washington Office, entitled, "Field Inspection, Anclote Keys to Tampa Bay".

CONTROL

Triangulation control on this map drawing consists of the following stations:

<u>Name of Station</u>	<u>Year</u>	<u>Established by</u>
SEASIDE	1910	G.H. R.

The following traverse stations were established in 1939 by the Florida Mapping Project and were also used for control:

Y-149	FGS, 1939	Y-153	FGS, 1939	<i>Recov. Tgm.</i>
Y-150	" "	Y-154	" "	FEZ, 1941(d) Jan 524
Y-151	" "	Y-155	" "	EDD 86 (dm) "
Y-152	" "	Y-157	" "	<i>Temporary</i>
				Flu.
				N. Gab. Fishhouse

The following stations fall outside the tracing limits of the drawing, but were used to control orientation of the photographs when tracing detail:

TARPON SPRINGS MUNICIPAL TANK, 1934
(LAKE BUTLER)
TARPON SPRINGS MUNICIPAL TANK
(TAR, 1925)
Y-147
Y-158

INTERPRETATION OF PHOTOGRAPHS

No difficulty was experienced in interpreting the photographs as all were reasonably clear.

MAIN RADIAL PLOT

A continuous radial plot was run on May 10 - 12, 1941 for the purpose of locating all photograph centers, all hydrographic stations, topographic stations, bench marks, azimuth marks and radial points. The plot extended over the entire area covered by Sheets Nos. T-5818 to T-5825, inclusive, except Sheet No. T-5822. All photographs, furnished by the Washington Office, for the area covered by these sheets were used.

The plot comprised of 71 templates. These were made in accordance with "Notes on Radial Plotting of Nine-Lens Air Photographs" dated April 9, 1940 except that mask lines were not transferred to the survey sheet and many more points were located by the radial plot than recommended.

Practically all templates were rigidly fixed by control furnished by previous established triangulation or traverse. A few templates had no triangulation or traverse control but they were rigidly fixed by points determined by radial intersections of previously laid templates. Agreement along the flight line was excellent and the intersection of radial lines to photograph centers on adjacent flight lines was very good.

The usual practice of laying a plot was followed. This consisted of

plotting the control on the survey sheets and transferring it to the base grids by matching individual grid squares. There was only a slight adjustment necessary when making the transfer. The base grids were securely taped to the plotting table and allowed to remain for 48 hours before laying the plot. The base grids were readjusted and retaped prior to laying the first template.

Due to the extensive amount of control, no difficulty was experienced in laying the plot. After laying all templates it was believed to be unnecessary to relay any part of the plot since practically all of the radial intersections formed a common point.

All points located by the radial plot were transferred and checked on the survey sheet by matching individual grid squares. In cases where there were but two radial lines to a point, the radial lines were transferred to the survey sheet for a further check by the draftsman when detailing the sheet. There were very few intersections which had a triangle of error and in such cases due regard was given to the strength of the intersection as well as the probable error in the radial line itself. In several instances where the triangle of error was too large to accurately pick the point all of the radial lines were transferred to the survey sheet for further study by the draftsman to obtain a common point of intersection.

A majority of the radial intersections gave a common intersection for four to seven radial lines. With such good agreement no difficulty was experienced in accurately picking the located point. It is believed that all radial points are within 0.20 m.m. of their true location and these points are indicated on the survey sheet by 2.5 millimeter circles. In cases where the position has been determined by only two radial lines, tick marks have been placed on the circle to indicate the number and direction of the radial lines. No large or unusual adjustment was necessary in any part of the plot.

Various colored inks were used on the photographs and survey sheet to designate triangulation stations, traverse stations, topographic and hydrographic stations, etc. The following key is furnished for reference:

Photographs

Triangulation & Traverse Stations.....2.5 mm blue circle
 Hydrographic & Topographic Stations....2.5 mm green circle
 Radial Points in Main Plot.....2.5 mm red circle
 Radial Points (Additional).....3.5 mm red circle
 Photograph Centers.....Double White Circle

Survey Sheet

Triangulation & Traverse Stations.....3.5 mm high black triangle
 Hydrographic & Topographic Stations....2.5 mm black circle
 Radial Points on Main Plot.....2.5 mm blue circle on back of sheet
 Radial Points (Additional).....3.5 mm blue circle on back of sheet
 Points not strongly determined.....2½ mm circle with tick marks indicating number and direction of cuts
 Radial Points (Blue)
 H & T Stations (Black)
 Photograph Centers.....double blue circle on back of sheet

FIELD INSPECTION AND DATE OF SURVEY

The field inspection was made by Lieut. (j.g.) E. L. Jones and Harold A. Duffy, Photogrammetric Aid, in March, 1941, by truck and skiff. The legend used for the field inspection and detailing is made a part of this report.

Field notes were plentiful along the roads and shoreline and by comparing these areas with those where field notes were lacking it is believed that an accurate interpretation of the vegetation has been obtained.

Details of T-5819 are as of date of Photos. Dec. 7, 1939

DETAILING

The detailing of this sheet has been done in accordance with the current instructions for this project.

Before detailing, the surface of this sheet was rubbed down with magnesium carbonate and washed off. No additional cleaning was necessary and the ink has adhered so well that no re-inking has been required.

The scale of Photographs Nos. 3946 and 3947 was found to be the best. For this reason most of the coastline and central portion of the sheet was taken from these two photographs. The scale of Photographs Nos. 3908 and 3909 was reasonably good near their centers and these photographs were used for detailing along the coastline. There is considerable tilt in Photograph No. 3481, however, chambers 4, 5, and 8 were used for detailing small areas.

Very few symbols were used except along the coast line. The vegetation inshore and throughout the sheet was of sufficient consistency to permit outlining and labeling.

The stereoscope was used in identifying the detail in those parts of the sheet not covered by the field notes.

All buildings visible under the stereoscope have been indicated.

JUNCTIONS

This sheet forms a junction with T-5818 on the northwest, T-5802 on the north. south. Since sheet No. T-5802 has a scale of 1:20,000 a precision pantograph was used to determine junction agreement. All junctions on sheet No. T-5819 were found to be in good agreement.

The south junction is with T-5820 and T-5821

COMPARISON WITH OTHER SURVEYS

Due to scale difference, only a rough comparison could be made with the maps and charts available.

LANDMARKS


There are no permanent landmarks within the limits of this sheet.

GEOGRAPHIC NAMES

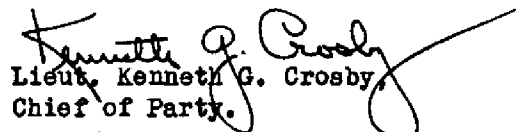
The geographic names for this area are the subject of a special report

entitled "Investigation of Geographic Names, Anclote Keys to Tampa Bay",
submitted to the Washington Office by Lieut. (j.g.) James D. Thurmond.

Respectfully submitted,


Rudolph Dossett,
Photogrammetric Aid.

Forwarded,


Lieut. Kenneth G. Crosby,
Chief of Party.

LEGEND USED ON FIELD INSPECTION
NORFOLK POINT TO WATSON RIVINGS, FLORIDA
APRIL - DECEMBER, 1940 - LIEUT. R.L. JONES AND R.A. JUDY

TREES

Pt - Pine
 Cy - Cypress
 Pal - Palmetto
 Palm - Palm
 P T - Deciduous trees (broad leaf)
 Cit - Citrus (orchard)
 Pm - Pine, cypress & Dec. trees
 (brushy)
 Sc - Scattered
 W - Thinly wooded
 H - Heavily wooded
 Scr - Scrub trees; brush

VEGETATION

C - Cultivation
 Gr - Grass
 TGr - Tall Tropical Grass
 L - Marsh (dashed blue line on
 inshore limits)
 M W - Marsh grass in water (dashed blue
 line on offshore limits)
 Sw - Swampy
 Mg - Mangrove
 Hd - Hedge

STREAMS

Ca - Canal (width)
 Cr - Creek
 D - Ditch (width)
 I S - Intermittent Stream
 EDU - Probable drainage unsurveyed
 Br - Bridge or symbol
 Cv - Culvert
 Lev - Levee

F.C.S. - Florida Coodetic Survey
 U.S.E. - U.S. Engineers
 U.S.B. - U.S. Biological Survey

ROADS & RAILROADS

Rd 1 - 1st class road (paved)
 Rd 2 - 2nd class road
 Tr - Trail
 RR - Rail Road
 O P - Overpass (state the kind)
 U P - Underpass (state the kind)
 X - Abandoned trail, road, etc.
 RR ab. - R.R. abandoned (grade only)

PODS

P - Pond
 Cy P - Cypress Pond
 I P - Intermittent Pond

SHORE LINE

H.W.L. - mean high water line (solid
 red line - East land)
 L.W.L. - low water line (dashed red line)
 L.L. - Light line (solid blue line for
 mean high water line on marsh)
 Dr - Dock
 Pl - Pier
 Se W - Seawall
 Bulk - Bulkhead
 Cons - Concrete
 Wo - Wooden
 Jet - Jetty
 Dol - Dolphin
 pile - pile (give type)
 S - Sand
 Lnd - Land
 Rk - Rock or Rocky
 Sty - Stony
 U - Water
 Blf - Bluff (height)

BUILDINGS

H - House, barn or building
 Ch - Church (give name)
 Co H - Court House (give name)
 Bo H - Boat House
 P.O. - Post Office (give name)
 R.R. St. - Railroad station (give name)
 Hos - Hospital (give name)
 Sch - School (give name)

MISCELLANEOUS

F - fence
 FB - Fire Break (maintained)
 FBA - Fire Break (abandoned)
 Cem - Cemetery
 Park - Park (give name)
 Ft. - Fire Tower
 T.T. - Transmission towers (tall steel)
 P.L. - Power Line
 Sheal - Approx. limits by long dashed
 line for use by hydrographer

LEGEND USED ON FIELD INSPECTION
HORSESHOE POINT TO TARPON SPRINGS, FLORIDA
APRIL - DECEMBER, 1940 - LIEUT. E. L. JONES AND H. A. FOSTER

TREES

Pi - Pine
Cy - Cypress
Palc - Palmetto
Palm - Palm
D T - Deciduous trees (broad leaf)
Cit - Citrus (orchard)
Mix - Pine, cypress & Dec. trees
(Density)
Scd - Scattered
t.w. - Thinly wooded
h.w. - Heavily wooded
Scr - Scrub trees; brush

VEGETATION

C - Cultivation
Gr - Grass
TGR - Tall Tropical Grass
M - Marsh (dashed blue line on
inshore limits)
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line on offshore limits)
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Lg - Mangrove
Hdg - Hedge

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X - Abandoned trail, road, etc.
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PONDS

P - Pond
Cy P - Cypress Pond
I P - Intermittent Pond

SHORE LINE

H.W.L. - mean high water line (solid
red line - fast land)
L.W.L. - low water line (dashed red line)
L.L. - Light line (solid blue line for
mean high water line on marsh)
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Pier - Pier
Se W - Seawall
Bulkhd - Bulkhead
Conc - Concrete
Wo - Wooden
Jet - Jetty
dol - Dolphin
pile - pile (give type)
S - Sand
Lhd - Lhd
Rk - Rock or Rocky
Sty - Stony
W - Water
Blf - Bluff (height)

BUILDINGS

H - House, barn or building
Ch - Church (give name)
Ot H - Court House (give name)
Bo H - Boat House
P.O. - Post Office (give name)
R.R. Sta - Railroad station (give name)
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Sch - School (give name)

MISCELLANEOUS

F - fence
FB - Fire Break (maintained)
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Cem - Cemetery
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F.T. - Fire Tower
T.T. - Transmission towers (tall steel)
P.L. - Power Line
Shoal - Approx. limits by long dashed
line for use by hydrographer

REVIEW OF AIR PHOTO COMPILATION NO. T- 5819

Chief of Party: Kenneth G. Crosby Compiled by: R. Dossett

Project: H.F. - 242

Instructions Dated: April 3, 1941

1. The charts of this area have been examined and topographic information necessary to bring the charts up to date is shown on this compilation. (Para 16a, b, c, d, e, g and i; 26; and 64)
Yes.
2. Change in position, or non-existence of wharfs, lights, and other topographic detail of particular importance to navigation which affect the chart, is discussed in the descriptive report. (par. 26; and 66 g, n)
Yes.
3. Ground surveys by plane table, sextant, or theodolite have been used to supplement the photographic plot where necessary to obtain complete information, and all such surveys are discussed in the descriptive report. (Par. 66; and 66 d, e)
None.
4. Dine prints and maps from other sources which were transmitted by the field party contain sufficient control for their application to the charts. (Par. 26)
None Transmitted.
5. Difference between this compilation and contemporary plane table and hydrographic surveys have been examined and rectified in the field before forwarding the compilations to the office and are discussed in the descriptive report.
General Comparison with Charts-See also Director's letter May 10, 1941(28-PFA-1990)
6. The control and adjustment of the photo plot are discussed in the descriptive report. Unusual or large adjustments are discussed in detail and limits of the area affected are stated. (Par. 12b; 44; and 63 c, h, i)
Yes.
7. High water line of marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, and 44) Yes. The light line around marsh and mangrove areas defines the outer limits of vegetation visible at high water. The mean high water line is shown only on fast land and is represented by a heavy solid line.

8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41) Yes. Low water line is approximate and shoal areas are indicated as an aid to hydrographer.
9. Recoverable objects have been located and described on Form 534 in accordance with circular 30, 1933, circular letter of March 3, 1933, and circular 31, 1934. (Par. 29, 30, and 37)
Yes
10. A list of landmarks was furnished on Form 557 and instructions in the Director's letter of July 16, 1934, Landmarks for Charts, complied with. (Par. 15d, e; and 60)
No Landmarks.
11. All bridges shown on the compilation are accompanied by a note stating whether fixed or draw, clearance, and width of draw if a draw bridge. Additional information of importance to navigation is given in the descriptive report. (Par. 15e) No bridge of navigational importance. All are small fixed span type over small unnavigable streams.
12. Geographic names are shown on the overlay tracing. The accepted local usage of new names has been determined and they are listed in the report, together with a general statement as to the source of information and a specific statement when advisable. Complete discussion of place names differing from the charts and from the U.S. S. S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and 65k) No overlay. See paragraph "Geographic Names".
13. The geographic datum of the compilation is _____ and the reference station is correctly noted.
Yes.
14. Junctions with adjoining compilations have been examined and are in agreement. (Par. 64j)
Yes.
15. The drafting is satisfactory and particular attention has been given the following:
 1. Standard symbols authorized by the Board of Surveys and Maps have been used throughout except as noted in the report. Yes. Legend also used.
 2. The degrees and minutes of latitude and longitude are correctly marked. Yes.

3. All station points are exactly marked by fine black dots. Yes.
4. Closely spaced lines are drawn sharp and clear for printing. Yes.
5. Topographic symbols for similar features are of uniform weight. Yes.
6. All drawing has been retouched where partially rubbed off. Not necessary to retouch.
7. Buildings are drawn with clear straight lines and square corners where such is the case on the ground. Yes.

(Par. 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48)

16. Is additional surveying recommended at this time.
No additional topographic survey required.

17. Remarks:

18. Examined and approved:

Kenneth G. Crosby
Kenneth G. Crosby,
Chief of Party.

19. Remarks after review in office:

Reviewed in office by:

Examined and approved:

~~Chief, Section of Field Records~~

~~Chief, Division of Charts~~

~~Chief, Section of Field Work~~

~~Chief, Division of Hydrography~~

Remarks

Decisions

1		281827
2		"
3		"
4		"
5		"
6		280827
7		"
8		"
9	Submitted to USGB: OK to apply pending Board decision: apparently Booker Creek here and Brocker Creek to southwestward on T-5820.	"
10		"
11		281827
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19	Submitted to USGB: OK to apply pending its decision.	"
20		"
21		"
22	Submitted to USGB: OK to apply pending decision.	"
23		"
24		280827
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No.

T-5819

No. 1.

Name on Survey

	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	
A.	B.	C.	D.	E.	F.	G.	H.	K.	
✓ Lake Butler ✓	✓								1
✓ Salmon Bay ✓	✓								2
✓ Dolly Bay ✓	✓								3
✓ Little Dolly Bay ✓	✓								4
✓ Long Point ✓	✓	(on basis 1943 report = family name)							5
✓ Wall Point ✓	✓								6
✓ South Cove ✓	✓								7
✓ South Creek ✓	✓								8
✓ Booker Creek ✓	✓								9
✓ Sandy Point ✓	✓								10
✓ Mud Swamp ✓	✓								11
✓ Otter Creek ✓	✓								12
✓ Piney Point ✓	✓								13
✓ Pasture Fence Point ✓	✓								14
✓ Sneads Creek ✓	✓								15
✓ Tarpon Springs Golf Course ✓	✓								16
✓ Cloesterman Point ✓	✓								17
✓ Cloesterman Bayou ✓	✓								18
✓ Daneman Point ✓	✓								19
✓ Garden Island ✓	✓								20
✓ Boggy Bayou ✓	✓								21
✓ Buchanan Island ✓	✓								22
✓ Wall Springs ✓	✓								23
✓ Greens Bayou ✓	✓								24
✓ Crystal Beach ✓	✓								25
✓ Blue Sink ✓	✓								26
✓ Boiling Spring ✓	✓								27

Remarks

Decisions

1		280827
2		"
3	Use this spelling, from Names Report and former name of town of Palm Harbor.	"
4		"
5	On Name Sheet No. 23; apparently not shown T-5819	281827
6	(just south of Earpen Springs, to SE of Whitcomb Bayou)	
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GEOGRAPHIC NAMES

Survey No. **T-5819**

No. 2

Name on Survey

	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	
A.	B.	C.	D.	E.	F.	G.	H.	K.	
✓✓ Seaside Point ✓	✓								1
✓✓ Ogden Bayou	✓								2
✓✓ Sutherland Bayou ✓	✓								3
✓✓ Palm Harbor ✓	✓								4
✓ Island Pond		not shown on - 5819							5
✓ Gulf of Mexico ✓	✓								6
									7
									8
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Home underlined in red approved
by L Heck on 11/15/41

DIVISION OF PHOTOGRAMMETRY
Review Report of
Planimetric Map Manuscript T-5819

Subject headings not used in this report have been adequately covered in other parts of the descriptive report.

Detailing

Several minor shoreline changes were made in order to bring the compilation into agreement with field inspection as shown on photographs 3908, 3909 and 3946.

The eastern most flight was relaid which resulted in a number of corrections to the map detail. These were as follows:

The point forming the southeast promontory into Salmons Bay was changed.

The shoreline was changed in places as much as 15 meters in the area from Wall Point, on the west shore of Lake Butler, to just north of photograph center 3981.

Detail in the area south of $28^{\circ} 05'$ between $82^{\circ} 41'$ and $42'$ was revised. Two second class roads in the northeast corner of the map manuscript were changed in places as much as 6 m.

Comparison with Previous Topographic Surveys

T-1698	1:20,000	1860
T-4219	1:20,000	1926

The area about Boggy Bayou and Cloesterman Bayou has changed in detail due to the marshy nature of the shore.

Common features in common areas on these surveys are superseded by the map manuscript.

Comparison with Nautical Charts

Chart No. 178	1:80,000	1928-41
Chart No. 1257	1:80,000	1941-..

Application to Nautical Charts

The map manuscript was applied to chart 1257 prior to review.

Reviewed by:

Under the direction of:

F.H. McBeth 1942

K.H.M.
10/28/48

D. H. Benson

Approved by:

B.A. Jones 11/48
Technical Asst. to Chief,
Division of Photogrammetry

H. H. Benson
Chief, Nautical Charts Branch
Division of Charts

for E. J. Jones 12 Nov 48
M. T. Adams, Chief,
Division of Photogrammetry

C. R. Green
Chief, Div. of Coastal Surveys