

5798

Diag'd. on Diag. Ch. No. 1258 & 1260

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey AIR PHOTO

Field No. CS-242-A Office No. T-5798

LOCALITY

State Florida

General locality Florida West Coast

Locality Vicinity of Homosassa Bay

Photos - Dec. 1939

194 1

CHIEF OF PARTY

K.G. Crosby

LIBRARY & ARCHIVES

DATE

5798

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

CS-242 A

REG. NO. T-5798

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.

SHEET
~~Eighty~~ No. T-5798

REGISTER NO.

State Florida

General locality Florida West Coast

Locality Vicinity of Homosassa Bay

Scale 1:20,000 Date of ~~survey~~ Photos. December 4, 1939

Party:
~~Vessel~~ Air Photographic Party No. 1

Chief of party Lieut. Kenneth G. Crosby

Field Inspected:
~~Surveyed~~ by Lieut. (j.g.) E.L. Jones; H.A. Duffy, Photo Aid

Inked by William H. Shearouse

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

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

Instructions dated.....April 3....., 1940

Remarks:.....

Ms. Received: 27 Sept. 1941
Revised: 12 Dec. 1941
Redrafted: 16 Aug. 1943
Published: 19 Aug. 1943 1:20000
Registered: 18 Jan. 1949

PHOTOGRAPHS

Number	Date	Time	Stage of Tide
3817	December 4, 1939	10:40	1.1
3818	December 4, 1939	10:42	1.1
3873	December 4, 1939	12:28	.3
3874	December 4, 1939	12:29	.3
3875	December 4, 1939	12:31	.3
3885	December 4, 1939	1:02	.2
3886	December 4, 1939	1:03	.2
<i>single lens</i>	<i>May 20 1941</i>	<i>inspected</i>	<i>but not used in compilation.</i>

Tide from predicted tables for: Bayport
Reference Station - Tampa Bay, Florida.

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 Photographs..... 1:20,000 ÷ .9995
Scale of Survey Sheet..... 1:20,000

STATISTICS

Area (land)..... 73.4 Square statute miles
Shoreline (more than 200 m. from opposite shore)..... 41.4 Statute miles
Shoreline (creeks)..... 97.0 Statute miles
Roads, streets, trails, and railroads..... 35.3 Statute miles

REFERENCE STATION

Station: WITZKA, 1934

Latitude: 28° 43' 05.640" (173.6 m)

Datum: N.A. 1927

Longitude: 82° 33' 44.466" (1206.8 m)

*Fla. System of State Coordinates
Zone 2 (west)*

*x - 319,747.13 ft J.R. McE.
y - 1,594,196.45 ft*

SUPPLEMENTARY SURVEYS

	Name	Date	Hours
Control Surveys.....			
Planetable Surveys.....			
Total			

FIELD INSPECTION

Preparation of Photographs.....	ELJ-WHS	Aug. & Dec.	4
Field Work.....	ELJ,HAD,KWS	October	70
Inking Notes.....	ELJ,HAD	October 1940	7
Coast Pilot Notes.....	ELJ,HAD,KGC	Oct. & Dec.	3
Geographic Name Report.....	ELJ,HAD	Aug,Oct,Dec.	24
Landmarks for Charts.....			
Description Cards.....	ELJ,HAD,MMS	Jan. 1941	19
Recovery Notes.....			
Total			127

MAIN RADIAL PLOT

Scale Plot.....	KGC	November	2
Projection on Base Sheet.....	Wash. Office		
Projection on Survey Sheet.....			
Control Plotted.....	KGC	December	1
Control Checked.....	ELJ	December	1/2
Control Trans. to Base Sheet.....	ELJ	December	1/4
Transfer Checked.....	KGC	December	1/4
Control Picked on Photographs.....	KGC,JAG,RD	Oct.,Nov.	13
Control Checked on Photographs.....	JHSB	November	2
Hydro. & Topo. Stations Picked.....	ELJ,RD,HAD	November	24
Radial Points Picked.....	ELJ,HAD	November	8
Adjacent Centers Picked.....	KGC,WOG,KWS	Oct.,Dec.	7
Templates.....	JHSB	November	8
Radial Plot.....	KGC,JHSB,WHS	December	7
Radial Points Transferred.....	KGC	December	2 3/4
Transfer Checked.....	JHSB,WHS	December	3
H & T Stations Scaled & Checked.....	WHS,WOG	April,1941	8
Additional Radial Points.....	WHS,JHSB	Feb, June	16
Total			102 3/4

DETAILING

Rough Draft.....	WHS	Feb., June, 1941	266
Smooth Draft.....			
Total			266

COMPILATION

Name Overlay.....	WHS	April 1941	15
Descriptive Report.....	WHS,KGC	April, May	17
Field Review.....	KGC	May	17
Total			49

Total Time Spent on Sheet..... 544 3/4 Hours

DESCRIPTIVE REPORT
TO ACCOMPANY
SHEET NO. T--5798

GENERAL

This sheet is compiled in accordance with "Instructions for Drafting Air Photographic Surveys, Project H.T. 242", dated April 3, 1940.

The general locality of the area covered by this survey sheet is Florida, West Coast, in the immediate vicinity of HOMOSASSA BAY and the northernmost part of CHASSAHOWITZKA BAY.

The terrain along the shoreline north of Latitude $28^{\circ} 48'$ is mostly cedar and palm with small areas of marsh. The small islands at the edge of the shoreline and those forming the ST. MARTINS KEYS are mostly covered with mangrove. The terrain along the shoreline south of Latitude $28^{\circ} 48'$ is mostly marshy. However, the islands forming the edge of the shoreline have a fringe of mangrove and in some cases are entirely covered with it. The higher ground immediately east of the shoreline consists of swamp from approximate Longitude $82^{\circ} 37'$ east to approximate Longitude $82^{\circ} 34'$. The terrain is then higher ground with vegetation consisting of jack or scrub oak, pine and grass. A large number of ponds and cypress ponds are found in this area. The cultivated areas on this sheet are negligible.

Approximate M.L.W. is shown by dotted lines. Approximate shoal limits are shown by short dash lines and are shown for the use of the hydrographer.

The small bars shown are oyster bars, except where labeled otherwise, and consist of sand and shell.

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

CONTROL

The following triangulation stations are found on the sheet:

<u>Name of Station</u>	<u>Year</u>	<u>Established By</u>	
-HOMOSASSA POINT	1858	G.H. B.	JET 1940
-CHASSAHOWITZKA POINT	1858	G.H. B.	JAW "
-JOHNS	1934	G.L. Anderson	LIT "
-WITZKA	1934	G.L. Anderson	MAL "
-NEWTOWN	1934	G.L. Anderson	LAD "
-NEWTOWN, Black Water Tank	1934	G.L. Anderson	BH. Dash (USE) "
-ROCKY RIDGE	1859	G.H. B.	Cut B. " "
			SPITE " "
			YET " "
			4 ft marks below.

The position of the azimuth marks at triangulation stations JOHNS, WITZKA, NEWTOWN and HOMOSASSA POINT were determined by the main radial plot. These positions were checked by plotting the published geodetic azimuth with a protractor reading to minutes. All azimuth marks were in good agreement with the plotted azimuth.

13 form 524
Ans. 524

Triangulation stations CHASSAHOWITZKA POINT, 1858, ROCKY RIDGE, 1859, and NEWTOWN, Black Water Tank, 1934, do not have azimuth marks.

No stations established by other organizations were used for control. No errors were found in the location of the control stations nor in the plotting of these stations on the photographs.

MAIN RADIAL PLOT

A continuous radial plot was run on December 5 - 6, 1940 for the location of radial points, marked hydrographic and topographic stations, bench marks and azimuth marks. The plot covered the southern part of T-5793 and all of sheets Nos. T-5794 - T-5798, inclusive, comprising the area between Cedar Keys and the Chassahowitzka River. All photographs within this area were used including photographs in the vicinity of Cedar Keys, namely; Nos. 3858, 3859, 3837, 3838, 3839, 3703, 3704, and 3705. Of these latter pictures, all had been used in the previous radial plot involving sheet T-5793 except photographs Nos. 3858 and 3859, which had not been furnished at the time the previous plot was laid. Good agreement was obtained for the location of radial points at the junction of this and the previous main plot.

This plot comprised of 41 templates and extended along the coastline for a distance of approximately 40 miles (nautical). Practically all templates were controlled by three or more triangulations and/or traverse stations, there being only one template with no control on it, namely, 3877. All templates were made in accordance with "Notes on Radial Plotting of Nine-lens Air Photographs", dated April 9, 1940 with the exception that many more radial points were located than recommended and that mask lines were not placed on the survey sheet.

The templates which were rigidly controlled were laid first, followed by those not so rigidly controlled. Agreement along the flightline was very good and most of the locations determined by the radial plot resulted in the common intersection at a point of three or more radial lines.

The usual practice was followed which consisted of plotting the control on the survey sheet and transferring it to the grid sheet, the latter being securely taped to the plotting table for running the plot. There was only a very slight amount of adjustment necessary when transferring the control by matching the individual grid squares. Upon completion of the plot, the radial points were picked and circled on the upper layer of templates and then transferred to the survey sheet by again matching grid squares.

Points determined by three or more radial lines intersecting at a common point were circled by 2.5 millimeter circles. Where a small triangle of error resulted, the point was picked in the center of gravity of the triangle giving due regard to the strength of the intersections resulting from the radial lines. In cases where the triangle of error was large, the radial lines were transferred directly to the survey sheet for additional study by the compiler to obtain a common point of intersection. It is believed that all points located by three or more radial lines on this plot are within .25 m.m. of their correct position.

On the extreme edges of the sheets it was possible in some areas to obtain

but two radial lines. Such points are to be used with caution and are indicated by 2.5 millimeter blue circles on the back of the survey sheet with tick marks to show number and direction of radial lines at that point. No large or unusual adjustments were necessary in any part of the plot.

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

Photographs

Triangulation & Traverse stations.....	2.5 mm blue circle
Hydro. & Topo. stations.....	2.5 mm green circle
Radial points (main plot).....	2.5 mm red circle
Radial points (additional).....	3.5 mm red circle
Photograph centers.....	double red circle

Survey Sheet

Triangulation & Traverse stations.....	3.5 mm high black triangle
Hydro. & Topo. stations.....	2.5 mm black circle
Radial points (main plot).....	2.5 mm blue circle on back of sheet
Radial points (additional).....	3.5 mm blue circle on back of sheet
Radial points (questionable).....	2.5 mm blue circle on back of sheet with tick marks showing number and direction of cuts

INTERPRETATION OF PHOTOGRAPHS

The photographs were clear and accurate interpretation was obtained with the following exception: The approximate area between Latitudes $28^{\circ} 42'$ and $28^{\circ} 44.5'$ and Longitudes $82^{\circ} 38'$ and $82^{\circ} 40'$ was not clear on any photograph and considerable difficulty was experienced in its interpretation. By using a small portion from several photographs, however, it is believed that the area is reasonably accurate. *Photos not very clear because of reflection of sun on water. This area consists of Marsh with small sloughs.*

FIELD INSPECTION

Field inspection was made by Lieut. (j.g.) E. L. Jones and H. A. Duffy, Photogrammetric Aid, during October, 1940. Notes were sufficient for accurate interpretation of vegetation. For a general report on the field inspection of this area, see special report submitted by Lieut. (j.g.) E. L. Jones, entitled "Field Inspection Report - Horseshoe Point to Anclote Keys - December 27, 1940".
Filed in Airphoto Unit

DETAILING

This sheet was detailed in accordance with the current instructions for the project.

Most of the shoreline detail was taken from photograph No. 3885, which was found to be in excellent scale and very clear with the exception noted under the heading INTERPRETATION OF PHOTOGRAPHS. The center of photograph No. 3884 does not fall within the detailing limits of this sheet. However,

the southern part of this photograph was used to assist in interpretation of vegetation, but not in actual detailing since the scale is not good. The northern part of photograph No. 3886 was similarly used. Photograph No. 3873 was found to be in good scale; 3874, fair; 3875, poor; 3817, fair; and 3818, fair. The center of photograph No. 3819 does not appear within the detailing limits of the sheet but the southern part of it was used to assist in vegetation interpretation. The scale of photograph No. 3819 is not good.

From a point at the intersection of the road from CHASSAHOWITZKA and Florida State Highway No. 15, southward to the limits of the sheet, Florida State Highway No. 15 is under construction and has been determined to be a Road 1st. class rather than a road 2nd. class as shown on the field print. ✓

The islands in the vicinity of CHASSAHOWITZKA POINT were indicated by the field inspector as being covered with mangrove. On field photograph No. 3885, the one used by the field man, this would appear to be correct as vegetation appears to be of the same density over the entire surface of the islands. However, after further investigation using print No. 3886, it is determined that there is only a fringe of mangrove on most of the islands and a marsh area in the middle.

Before detailing, the surface of this sheet was rubbed down with magnesium carbonate and then washed off. No additional cleaning or reinking has been necessary.

Symbols have been used whenever the vegetation was not of consistent density.

The stereoscope has been freely used for interpreting the detail and limits of vegetation.

There are two small islands bearing the name POMPANO KEY on the sheet. The name in each case seems to be correct as ample authority is given for their charting.

The legend used by the field inspection party and by the draftsman is shown on a separate sheet and made a part of this report.

JUNCTIONS

This sheet joins T-5797 on the north and T-5799 on the south. The junctions are in agreement.

COMPARISON WITH OTHER SURVEYS

Comparison was made with bromide print of Topographic Sheets Nos. 779, 781, and 782, made in 1858, 1859, and 1860. The shoreline is in general agreement but there are a few changes which are probably due to natural erosion over a period of years. Some changes, prominent enough to mention, are as follows: West of PUMPKIN CREEK at Latitude $28^{\circ} 41'$, Longitude $82^{\circ} 38.6'$, no channel appears on Topographic Sheet No. 782 surveyed in 1859 in this location. In the ST. MARTINS KEYS at Latitude $28^{\circ} 47.2'$ and Longitude $82^{\circ} 44'$, the south end of one of the islands has washed away. The area washed away is about

120 by 130 meters. The shoreline on those islands in the vicinity north of POMPANO KEY (Latitude $28^{\circ} 46.4'$; Longitude $82^{\circ} 41.1'$) has receded from 25 to 50 meters. The shoreline of the islands in the vicinity east and north-east of CHASSAHOWITZKA POINT has washed away from 25 to 75 meters.

The shoreline limits appearing on this sheet are correct and should be used for future reference.

GEOGRAPHIC NAMES

The geographic names for this area are the subject of a special report entitled "Investigation of Geographic Names, Horseshoe Point to Anclote Keys", submitted by Lieut. (j.g.) E. L. Jones to the Washington Office.

LANDMARKS

There are no prominent landmarks within the detailing limits of this sheet which should be charted.

ADDITIONAL PHOTOGRAPHS

The group of islands shown as ST. MARTINS KEYS at the northwest part of this map drawing have also been covered by single lens photographs on a scale of 1:10,000. The photographs were flown by the U.S. Army Air Corps at Mac Dill Field, Tampa, Florida, on May 20, 1941.

Although the photographs were used primarily for detailing this area on sheet No. T-5797, the detail of the islands on this sheet (T-5798) were compared with them and found to be in good agreement. For detailed explanation regarding the plotting of these photographs, reference should be made to the descriptive report for Sheet No. T-5797. *The section of St Martin Islands on this sheet was compiled from the nine lens photos.*

Respectfully submitted,

William H. Shearouse

William H. Shearouse,
Engineering Draftsman (Topo.).

Forwarded,

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

REVIEW OF AIR PHOTO COMPILATION NO. T- 5798

Chief of Party: Kenneth G. Crosby Compiled by: William H. Shearouse

Project: H.T. - 342

Instructions dated: April 3

1940

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. (Par. 16a, b, c, d, e, f 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)

Yes, see paragraph "Additional Photographs"

4. Blue prints and maps from other sources which were transmitted by the field party contain sufficient control for their application to the charts. (Par. 28)

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.

Yes

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 65 c, h, i)

Yes

7. High water line or marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, and 44)

Yes, see also No. 17.

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

9. Recoverable objects have been located and described on Form 524 in accordance with circular 30, 1933, circular letter of March 3, 1933, and circular 31, 1934. (Par. 29, 30, and 57)

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. 154, e; and 60)

No landmarks within limits of sheet.

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. 160)

No bridges of navigational importance. Bridges are small fixed span highway bridges crossing small unnavigational streams. ACL Railroad bridge over Homosassa River has skiff clearance only.

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. G. S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and 66k)

No overlay. See paragraph "Geographic Names".

13. The geographic datum of the compilation is N.A. 1927 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 followings:

1. Standard symbols authorized by the Board of Surveys and Maps have been used throughout except as noted in the report. Yes

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, legend also used on rough draft.
- 6. All drawing has been retouched where partially rubbed off. No retouching necessary.
- 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)

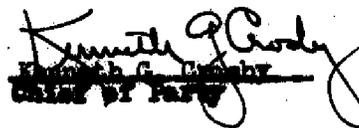
16. No additional surveying is recommended at this time.

No additional topographic survey required.

17. Remarks:

The light line around marsh and mangrove areas defines the outer limit 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.

18. Examined and approved:


 Kenneth J. Crosby
 Chief of Party

19. Remarks after review in office:

~~Reviewed in office by:~~

~~Examined and approved:~~

~~Chief, Section of Field Records~~

~~Chief, Section of Field Work~~

~~Chief, Division of Charts~~

~~Chief, Division of Hydrography~~

LEGEND USED ON FIELD INSPECTION
 BORSINIHO POINT TO TARPON SPRINGS, FLORIDA
 APRIL - DECEMBER, 1940 - LIEUT. R.L. JONES AND H.A. MUFFY

TREES

Pl - Pine
 Cy - Cypress
 Palo - Palmetto
 Palm - Palm
 D T - Deciduous trees (broad leaf)
 Cit - Citrus (orchard)
 Mix - Pine, cypress & Dec. trees
 (Density)
 Sct. - 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)
 M W - Marsh grass in water (dashed blue
 line on offshore limits)
 Sw - Swamp
 Mg - Mangrove
 Rdg - Ridge

STREAMS

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

F.C.S. - Florida Geodetic Survey
 U.S.E. - U.S. Engineers
 USMS - U.S. Biological Survey

ROADS & RAILROADS

RA 1 - 1st class road (paved)
 RA 2 - 2nd class road
 Tr - Trail
 R R - 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)

POINTS

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)
 Ik - Dock
 Pf - Pier
 Se W - Seawall
 Mhd - Bulkhead
 Ccm - Concrete
 Wd - Wooden
 Jet - Jetty
 Dol - Dolphin
 pile - pile (give type)
 S - Sand
 Mhd - Mud
 Rk - Rock or Rocky
 Sty - Steep
 W - Water
 Blf - Bluff (height)

BUILDINGS

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

MISCELLANEOUS

F - Fence
 FB - Fire Break (maintained)
 FEX - Fire Break (abandoned)
 Cem - Cemetery
 Park - Park (give name)
 F.T. - 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
HORSHEHOE POINT TO TARPON STRINGS, FLORIDA
APRIL - DECEMBER, 1940 - LIEUT. W.L. JONES AND L.A. MUFFY

TREES

P1 - Pine
 Cy - Cypress
 Palo - Palmetto
 Palm - Palm
 D F - Deciduous trees (broad leaf)
 Cit - Citrus (orchard)
 Mix - Pine, cypress & Dec. trees
 (Density)
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 Hdg - Hedge

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 line for use by hydrographer

	Remarks	Decisions
1		287827
2	Submitted to USGB: apply Homosassa islands pending its decision	"
3		"
4		"
5		"
6	Submitted to USGB: pending its decision, apply this name and Homosassa Point as indicated on name sheet No. 18.	"
7		"
8		287826
9	Continue from T-5797, applying on north side of Shivers Bay	"
10		"
11		"
12		"
13		"
14		"
15		"
16	Springs at head of Homosassa River: on name sheet No. 18; village of this name on T-5797	287825
17		287826
18		"
19		"
20		"
21		"
22		"
23		"
24	Submitted to USGB: OK to apply pending its decision.	"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-5798

No. 1

Name on Survey

Name on Survey	On Chart	On previous survey	On U. S. quadrangle	From local	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
	A,	B,	C,	D	E	F	G	H	K
<u>Homosassa Bay</u> ✓									1
<u>St. Martins Keys</u> ✓									2
<u>Crawl Key</u> ✓									3
<u>Green Key</u> ✓									4
<u>Sand Key</u> ✓									5
<u>South Point</u> ✓									6
<u>Homosassa Point</u> ✓									7
<u>Little Homosassa River</u> ✓									8
<u>Salt River</u> ✓									9
<u>Shivers Bay</u> ✓									10
<u>Price Creek</u> ✓									11
<u>Sams Bayou</u> ✓									12
<u>Lashley Point</u> ✓									13
<u>Homosassa River</u> ✓									14
<u>Buzzard Point</u> ✓									15
<u>Homosassa Springs</u> ? ✓									16
<u>Homosassa</u> ✓									17
<u>Otter Creek</u> ✓									18
<u>Pine Island</u> ✓									19
<u>Dove Island</u> ✓									20
<u>Lovers Oaks</u> ✓									21
<u>Tiger Tail Bay</u> ✓									22
<u>Tiger Tail Island</u> ✓									23
<u>Petty Creek</u> ✓									24
<u>Bell Island</u> ✓									25
<u>Willey Point</u> ✓									26
<u>Hell Gate</u> ✓									27

USBGN decision 11/43 = St. Martins Keys

3/22/49: No decision

USBGN decision 11/43 = Homosassa Pt = S.E. most point of mostly southerly of St. Martins Keys.

USBGN decision 11/43 = Petty Creek

Remarks

Decisions

	Remarks	Decisions
1		287826
2		"
3		"
4		"
5		"
6		"
7	In mouth of Homosassa River	287827
8	Submitted to USGB: OK to apply pending its decision.	287826
9	<i>charted, 1258</i> Submitted to USGB: OK to apply pending its decision	287827
10		"
11		"
12		"
13		"
14		"
15		"
16		287827
17		"
18		"
19		286826
20		"
21		287826
22		"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-5798

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
<u>Gustaf Bay</u> ✓									1
<u>Coffin Point</u> ✓									2
<u>False Channel</u> ✓									3
<u>Greenleaf Key</u> ✓									4
<u>Shell Island</u> ✓									5
<u>Dog Island</u> ✓									6
<u>Pompano Key</u> ✓									7
<u>Deep Creek</u> ✓									8
<u>Ship Rock</u> ✓									9
<u>Mendit Key</u> ✓									10
<u>North Channel</u> ✓									11
<u>Mason Creek</u> ✓									12
<u>Oyster Creek</u> ✓									13
<u>Porpoise Bay</u> ✓									14
<u>Blue Bay</u> ✓									15
<u>Long Point</u> ✓									16
<u>Drum Key</u> ✓									17
<u>Chassahowitzka Point</u> ✓									18
<u>Chassahowitzka Bay</u> ✓									19
<u>Chassahowitzka River</u> ✓									20
<u>Northwest Keys</u> ✓									21
<u>Slate Island</u> ✓									22
<u>Seven Cabbage Island</u> ✓									23
<u>Seven Cabbage Cutoff</u> ✓									24
<u>Pumpkin Creek</u> ✓									25
<u>Big Gator Creek</u> ✓									26
<u>Little Gator Creek</u> ✓									27

US B-N. decision 11/43 = Deep Creek 46.5' 41.7"
 US. B-N decision 11/43 = Ship Rock 46' 40"
 42' 24"

Remarks

Decisions

1		286826
2		"
3	In mouth Chassahowitzka River	"
4		"
5		"
6		"
7		"
8		"
9		287826
10		"
11		"
12		287825
13		"
14		"
15		286825
16		287826
17		287825
18		"
19		287826
20		"
21		
22	Continue from T-5797, on east side of Buzzard Pt., Homosass River	
23		
24		
25		
26		287826
27		
M 234		

Note: Same name for key
in mouth of Homosassa R.
See Name Sheet No 2
W.A.B. 8/25/43

9/23/43

GEOGRAPHIC NAMES

Survey No. T-5798

No. 3.

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
✓✓ <u>Colvalia Key</u> ✓✓									1
✓✓ <u>Buckhorn Key</u> ✓✓									2
✓✓ <u>Pompano Key</u> ✓✓									3
✓✓ <u>Johns Island</u> ✓✓									4
✓✓ <u>Camp Creek</u> ✓✓									5
✓✓ <u>May Creek</u> ✓✓									6
✓✓ <u>Twin Creek</u> ✓✓									7
✓✓ <u>Lone Cabbage Creek</u> ✓✓									8
✓✓ <u>Ryle Creek</u> ✓✓									9
✓✓ <u>Crawford Creek</u> ✓✓									10
✓✓ <u>Johnson Creek</u> ✓✓									11
✓✓ <u>Chassahowitzka</u> ✓✓									12
✓✓ <u>Baird Creek</u> ✓✓									13
✓✓ <u>Crab Creek</u> ✓✓									14
✓✓ <u>Chassahowitzka Swamp</u> ✓✓									15
✓✓ <u>Stevenson Creek</u> ✓✓									16
✓✓ <u>Potter Creek</u> ✓✓									17
✓✓ <u>Salt Creek</u> ✓✓									18
✓✓ <u>Long Island</u> ✓✓									19
✓✓ <u>Rose Creek</u> ✓✓									20
✓✓ <u>Gulf of Mexico</u> ✓✓									21
✓✓ <u>Halls River</u> ?									22
									23
									24
									25
<u>Battle Creek</u> WAB 8/21/43									26
									27

Names underlined in red approved
by L Heck on 11/12/41

DIVISION OF CHARTS

SURVEYS SECTION

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-5798

Contemporary Surveys

None.

Previous Topographic Surveys

T-691 (1:10,000) 1858
T-779 (1:20,000) 1858
T-781 (1:20,000) 1860
T-782 (1:20,000) 1859

Refer to page 4 of the Descriptive Report for a comparison made by the field party.

T-5798 supersedes, for charting purposes, the sections of the previous surveys which it covers.

Field Inspection

The field inspection is thorough and complete and the notes made on the photographs are adequate.

Radial Plot and Detailing

The plot was well controlled and is discussed in detail in the Descriptive Report. The detailing is complete and accurate.

T-5798 is accepted as complying with the National Standard Map Accuracy Requirements without a check of the radial plot in this office.

Comparison with Chart 179 (Printed 7-17-40)

The small island, the most westerly, of the St. Martin Islands as shown on chart 179 has disappeared as evidenced by inspection of the photographs.

No land marks were recommended in this area.

T-5798 shows complete interior details not included on the previous surveys nor on the present chart.

T-5798 has not been applied to charts as of the date of this review.

Preparation of Hydrographic Sheets

The blue line prints which are to be used for the smooth drawing and which show all details contained

on the original celluloid will be held in the Air Photographic Unit until after completion of the hydrographic surveys. The following details shown on the celluloid and the blue line prints for use of the hydrographic surveys will not appear on the published map T-5798:

1. Shoal lines.
2. Semi-permanent topographic stations located for hydrographic control such as points of mangrove, forks of small sloughs, etc.

Smooth Drafting

T-5798 will be completely redrafted for publication.

Reviewed by F. H. McBeth and B. G. Jones, December 12, 1941.

Examined and approved:

B.G. Jones 3/49
Technical Assistant to Chief
Division of Photogrammetry
~~Chief, Surveys Section~~

H.C. [unclear]
Chief, Division of Charts *Burch*

K.T. Adams
Division of Photogrammetry
Chief, Section of Topography

C.R. Green
Chief, Division of Coastal
Surveys