

5829

1257.2

5829

Form 504 Rev. April 1935	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. T-5829
State Florida	
LOCALITY	
Florida West Coast,	
Pinellas County,	
Boca Ciega Bay.	
Photos taken on: December 7, 1939. 10000	
1939	
CHIEF OF PARTY	
Lieut. Kenneth G. Crosby.	

Applied to chart 1257 before review October 12, 1942 L.A.M.
" " 586 " " 12-4-42 K.R.

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.

SHEET NO. T-5829

~~RECEIVED~~

REGISTER NO.

State Florida

General Locality Florida West Coast - Pinellas County

Locality Boca Ciega Bay

Scale 1:10,000 Date of photographs, December 7, 1939

Party: Air Photographic Party No. 1

Chief of party Lieut. Kenneth G. Crosby,

Field Inspected by: Lieut. (j.g.) J. D. Thurmond,

~~Surveyed by~~ H. A. Duffy, Photogrammetric Aid.

Inked by Rudolph Dossett - Photogrammetric Aid

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated April 3, 1939

Remarks: _____

GPO 280853

Complete Survey received: 6 Dec. 1941

Reviewed: 14 Aug. 1943

Redrafted: 23 Sept. 1943

Published: March, 1946

Registered: 24 May, 1948

PHOTOGRAPHS

Number	Date	Time	Stage of Tide	
			outside	inside
3923	December 7, 1939	11:12	1.2	1.1
3924	" " "	11:13	1.2	1.1
3925	" " "	11:14	1.2	1.1
3957	" " "	11:42	1.1	1.0
3968	" " "	11:56	1.1	1.0
3969	" " "	11:57	1.0	1.0
3970	" " "	11:58	1.0	1.0
3998	" " "	12:22	1.0	1.0

Tide from predicted tables for: Gulf of Mexico Boca Ciega Bay
(Anclote Key Pulver Bridge)
(Egmont Key)

Camera U.S. Coast and Geodetic Survey Hinge-Lens (focal length 2 1/2 inches)
Negatives on file at Washington Office.

SCALE

Map scale of Photographs..... 1:10,000 + 0.9985
Scale of Survey Sheet..... 1:10,000

STATISTICS

Area (land).....	16.2	Square statute miles
Shoreline (more than 200 m. from opposite shore).....	32.4	Statute miles
Shoreline (reefs).....	7.2	Statute miles
Roads, streets, trails, and railroads.....	135.4	Statute miles

REFERENCE STATION

Station: MADERIA, 1934 Latitude: 27° 46' 50.811(1564.0) adj.
Datum: N.A. Datum 1927(adjusted) Longitude: 82° 46' 56.010(1533.6)

Florida System of Plane Coordinates (West Zone)

x coordinate: 247,065.65 feet
y coordinate: 1,253,757.92 "

SUPPLEMENTARY SURVEYS

	Name	Date	Hours
Control Surveys.....	KWS, MMS		
Planetable Surveys.....	KWS, MMS	May & July	19
		Total	19

FIELD INSPECTION

Preparation of Photographs.....	KWS	Feb. & Mar.	16
Field Work.....	HAD, JDT, JHSB	Apr. May & Sept.	134
Inking Notes.....	HAD	May	1
Coast Pilot Notes.....			
Geographic Name Report.....	HAD, JCM, LJD	May & June	7 1/4
Landmarks for Charts.....			
Description Cards.....	HAD, JDT		
Recovery Notes.....		April	75
		Total	233 1/4

MAIN RADIAL PLOT

Scale Plot.....	KGC, LJD	June	3
Projection on Base Sheet.....			
Projection on Survey Sheet.....			
Control Plotted.....	JED	July	5
Control Checked.....	RHY	July	4
Control Trans. to Base Sheet.....	JED	July	1
Transfer Checked.....	RHY	July	1
Control Picked on Photographs.....	JED KWS	May & June	41 1/2
Control Checked on Photographs.....	LJD KWS	June	27
Hydro. & Topo. Stations Picked.....	JED, KWS, RD	May, June, Sept.	36
Radial Points Picked.....	KWS, MMS, LJD	June	10 1/2
Adjacent Centers Picked.....	KWS, LJD	Feb. May	8
Templates.....	WHS	July	9
Radial Plot.....	KGC, RD, RHY	July	7 1/2
Radial Points Transferred.....	WHS RD JED	July & Aug.	7 1/2
Transfer Checked.....	RD JED	July	5 1/2
R & T Stations Scaled & Checked.....	RD ECA	Sept.	19 1/2
Additional Radial Points.....			
		Total	186

DETAILING

Rough Draft.....	RD	Aug. & Sept.	157
Smooth Draft.....			
		Total	157

COMPILATION

Name Overlay.....	RD	Sept.	9
Descriptive Report*.....	RD, KGC	Sept. & Nov.	18 1/2
Field Review.....	KGC	Oct. & Nov.	36
		Total	63 1/2

Total Time Spent on Sheet.....: 658 3/4 Hours.

* Descriptive Report and listing of Non-floating aids.

**LEGEND USED FOR FIELD INSPECTION AND DRAFTING
PROJECT 242 E - 1941**

TREES

M - 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
 H - Marsh (dashed blue line on
 inshore limits)
 M W - Marsh (grass in water (dashed blue
 line on offshore limits)
 Sw - Swamp
 Mg - Mangrove
 Hdg - Hedge

STREAMS

Co - Canal (width)
 Cr - Creek
 D - Ditch (width)
 I S - Intermittent Stream
 FDU - Feasible drainage unsurveyed
 Br; - Bridge or symbol
 Cv - Culvert
 Lev - Levee

F.G.S. - Florida Geologic Survey
 U.S.E. - U.S. Engineers
 USGS - U.S. Biological Survey

ROADS & RAILROADS

Rd 1 - 1st class road (paved)
 Rd 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)

PODS

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

STRUCTURE

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)
 Dk - Dock
 Pr - Pier
 Se W - Seawall
 Bldg - Bulkhead
 Conc - Concrete
 Mo - Mast
 Jet - Jetty
 Del - Dolphin
 pile - pile (give type)
 S - Sand
 Mud - Mud
 Rk - Rock or Reefs
 Sty - Strong
 T - Tower
 Blf - Bluff (height)

BUILDINGS

H - House, barn or building
 Ch - Church (give name)
 Ct H - Court House (give name)
 S H - School 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)
 FBX - Fire Break (abandoned)
 Can - Cemetery
 Park - Park (give name)
 F.T. - Fire Tower
 T.T. - Transmissometer tower (tall steel)
 P.L. - Power Line
 Shad - Shadow. limits by long dashed
 line for use by hydrographer

DESCRIPTIVE REPORT
TO ACCOMPANY
SHEET NO. T---5829

GENERAL

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

The general locality of the area covered by this survey sheet is Florida West Coast, in the vicinity of Boca Ciega Bay. It includes Boca Ciega Bay from Northwest of Welch Causeway Southward to Corey Causeway, the islands to the West, and inshore areas to the East.

The terrain along the shoreline of Treasure Island, and the island to the Northwest is generally flat low ground with sandy beaches, the vegetation consisting of scattered pine and palm, with occasional mangrove patches. The smaller islands or keys are generally vegetated with mangrove. The shoreline along the mainland is much the same. The inshore area to the East consists of scattered pine, palmetto and grass, with numerous grassy and intermittent ponds, which are drained by surveyed ditches (indicated on the drawing). There are only a few scattered cultivated areas within the area covered by this sheet.

The western shoreline of Boca Ciega Bay, in this vicinity is subject to radical changes from time to time, due to commercial dredging and filling for real estate developments.

The channel of the seaward approach to the entrance of Johns Pass has shoaled up and the channel now used by local boats runs south of the beacons indicated on this survey sheet.

Boca Ciega Bay, has many shoal areas, the approximate limits of which are shown on the drawing by broken lines and labelled SHOAL AREA, as an aid to the hydrographer.

Approximate mean low water is shown by dotted lines.

All roads shown with a single line, should be shown 0.6 m.m. wide as all roads more than 12 meters have been drafted in to scale.

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

CONTROL

Control on this map drawing consists of the following triangulation and traverse stations:

<u>NAME OF STATION</u>	<u>YEAR</u>	<u>ESTABLISHED BY</u>
MADERIA	1934	G.L. Anderson
WEST BASE	1934	G.L. Anderson
Johns Pass	1908	W.B.F.
Turtle 2	1926	R.L. Schoppe

T-5829

Recoverable Topographic & Hydrographic Stations
form 524 submitted

1. Tank - Pinellas City Water Works	1941
2. Maderia Azimuth	1934
3. Y-87	1941
4. East Base	1926
5. BM No. 2	1926
6. BM No. 3	1926
7. Tidal BM 4, Fulver Bridge, 1937	1941
8. BOT	1941
9. CUB	"
10. CUR	"
11. DAY	"
12. DUD	"
13. ERL	"
14. FAR 1926	"
15. FUZ	"
16. HID	"
17. HIGH	"
18. HUB	"
19. LA	1926
20. RED	"
21. SLIM	1941
22. SPAN 1926	"
23. TILE 1926	
24. BM EDT 16 (USE)	1937
25. EDD 65	1935
26. EDD 66	"
27. EDD 71	"
28. EDD 71	"
29. EDD 72	"
30. EDD 74	"
31. EDD 75	"
32. EDD 76	"
32. N. Mon, TA 12 & 13 (USE)	1938
33. S. Axis, TA 15	"
34. HUB	1941
35. NUD	1941
36. WATER	1941

NAME OF STATION	YEAR	ESTABLISHED BY
VETERANS HOSPITAL, SQUAT WHITE TANK, 1934		G.L. Anderson <i>See 524</i>
ST. PETERSBURG, BLACK MUNI. W. TANK, 1934(HIGH, 1926)		R.L. Schoppe <i>T</i>
FLA. MILITARY ACADEMY, WATER TANK, 1934(Slim, 1925)		R.P. Eyman <i>/</i>
FLA. MILITARY ACADEMY, CUPOLA (Flag Pole) 1934		G.L. Anderson
BEAR CREEK	1908	W.B.F.
Y-130	1939	Fla. Mapping Proj.
<i>Tol</i> Y-131	1939	" " "
Y-87	1939	" " "
Y-88	1939	" " "
Y-90	1939	" " "
Y-91	1939	" " "
Y-92	1939	" " "
Y-93	1939	" " "
Y-94	1939	" " "
Y-95	1939	" " "
Y-96	1939	" " "
Y-112	1939	" " "
Y-113	1939	" " "
Y-114	1939	" " "
Y-115	1939	" " "
Y-116	1939	" " "
Y-117	1939	" " "
Y-118	1939	" " "
Y-119	1939	" " "
Y-120	1939	" " "
Y-121	1939	" " "
Y-127	1939	" " "
B.M. EDD 66 (used as traverse station) 1939		" " " <i>Topo</i>

The following triangulation stations are shown on the drawing as Hydrographic stations and circled in black. They were so shown because no Geographic position was available in this office:

EAST BASE	<i>These position have</i>	1926 (d.m.)	R.L. Schoppe <i>Topo</i>
TILE	<i>Been found and.</i>	1926 (d.)	R.L. Schoppe <i>Topo</i>
SPAN	<i>Plotted on the sheet.</i>	1926 (d.)	R.L. Schoppe <i>Topo</i>
RED		1926 (d.)	R.L. Schoppe <i>Topo</i>
LA	<i>(See enclosure.)</i>	1926 (d.)	R.L. Schoppe <i>Topo</i>

The position of the Azimuth Mark at triangulation station "MADERIA", was compared with the geographic azimuth given in the list of geographic positions and found to be in agreement.

MAIN RADIAL PLOT

A continuous radial plot was laid on July 28-30, 1941 for the location of radial points, hydrographic stations, bench marks and azimuth marks on Sheets T-5826 to T-5833, inclusive. It extended southward from a northern limit formed by photographs 3828, 3995, 3916, 3954, 3974, 4185, 4176 and 4200 where it formed a satisfactory junction with the previous main radial plot. The plot consisted of 63 templates, all of which were controlled by triangulation or second order traverse. Four templates had 3 to 5 control stations, eighteen templates had 6 to 10 control stations; thirty-three templates had 10 to 20 control stations and eight templates had 20 to 30 control stations. The latter being in the vicinity of

St. Petersburg. All traverse stations of the "Y" series used for control of the plot were established and located by the Florida Mapping Project and were considered to be of second order accuracy. In several instances, triangulation established by the U. S. Engineers has been used for controlling the plot in conjunction with U. S. Coast & Geodetic Survey triangulation and traverse control. The order of accuracy for the U. S. E. triangulation is not definitely known although their office has advised that it is probably about third order. These stations are shown on the survey sheet by 2.5 m.m. black circles rather than by the triangle symbol.

No large or unusual adjustments were necessary in any part of the plot. Agreement along the flight line was excellent and the intersection or radial lines to adjacent centers checked the actual center of the template very closely. Photographs on the shore flight (Gulf side) had large amounts of tilt but did not present any difficulties while laying the plot.

The templates were made in the usual manner and in accordance with, "Notes on Radial Plotting of nine-lens Air Photographs", dated April 9, 1940. All hydrographic and topographic stations whether marked or unmarked were located by the main radial plot. A great number of radial points were established to alleviate the necessity of the draftsman establishing additional points.

The usual practice of laying the main plot was followed. This consisted of plotting and checking the control on the survey sheets and then transferring these points to base grid sheets by matching individual grid squares. The amount of adjustment in each individual grid square was negligible but amounted to about .5 m.m. in some cases for the entire length of the sheet. The grid sheets were securely taped to the plotting table and allowed to remain for 48 hours before any templates were laid. Before laying the templates, the base grids were examined for movement and the necessary adjustments made to reduce or remove the discrepancies along the matched grid lines. After laying the templates all points were transferred to the survey sheet by again matching individual grid squares, between the base grids and the survey sheets.

A further check was made by comparing all photographs for each particular sheet against the location established by the radial plot. It has been found that much time can be saved by making this additional check at the time of completing the transfer rather than waiting until the sheet is ready for detailing. This eliminates a particular fruitful source of discrepancy, namely the picking of a wrong intersection when there is a multiplicity of "cuts", not all of which meet at a common intersection.

Approximately 75% of the points located on this sheet by this plot were determined by the common intersection of 4 or more radial lines. About 25% of the points were located by the common intersection of 3 radial lines. A single radial point in the vicinity of Latitude $27^{\circ} 48.5'$, Longitude $82^{\circ} 48.8'$ was transferred to the survey sheet by cuts for further study since the triangle of error was too large to accurately pick the correct location. Two radial points in the vicinity of Latitude $27^{\circ} 48.0'$, Longitude $82^{\circ} 44.3'$ were determined by two radial lines only. Further study was made by the draftsman to obtain additional radial lines. Although there are tilted photographs in this area, it is believed that the points located by this plot are within 0.25 m.m. of their true location.

Various colored inks were used on the mounted office prints and on the survey sheets to designate triangulation, traverse and topographic stations, etc.. The following key is furnished for this information:

Photographs (Office Prints)

Triangulation & Traverse Stations.....	2.5 mm. blue circle
Marked Hydro. & Topo. Signals.....	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 circle

Survey Sheet

Triangulation 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
Radial Points (Questionable).....	3.5 mm green circle on back

INTERPRETATION OF PHOTOGRAPHS

The photographs were clear and no difficulty was experienced in their interpretation.

FIELD INSPECTION

The field inspection was made by H. A. Duffy, Photogrammetric Aid, under the supervision of Lieut. (j.g.) J. D. Thrumond, during the months of July and August, 1941.

Field notes were plentiful along the shoreline and along the roads throughout the entire sheet.

DETAILING

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

Before detailing, the surface of this sheet was rubbed with Magnesium Carbonate and washed off. No additional cleaning was necessary and except for scattered touching-up no re-inking has been required.

The scale of all the photographs were good except photographs 3923, 3924, and 3925, which were found to have considerable tilt and it was possible to use them only for the areas near their centers.

Symbols were used whenever the vegetation was not of consistent density, in order that a truer interpretation could be obtained, than could otherwise be shown by legend.

All buildings visible under the stereoscope have been shown.

JUNCTIONS

This sheet forms a junction on the northwest with Sheet No. T-5826, on the northeast with T-5827, on the east with T-5830 and on the south with T-5831. All junctions are in agreement.

COMPARISON WITH OTHER SURVEYS

Reference is made to a letter from the main office, dated May 10, 1941 (28-PFA, 1990) advising that this paragraph may be dispensed with for this area.

NON-FLOATING AIDS

34 beacons (from 587 attached hereto)

Non-floating aids in the area covered by this sheet, in the vicinity of Boca Ciega Bay, have been located by sextant fixes taken at each aid so located. This work was done by Lieut. (j.g.) J. D. Thurmond on September 4 and 5, 1941. The character and identification number of each beacon agrees with those shown in the publication, "Light List, Intra-Coastal Waterway", page 116.

In addition to the aids shown on the chart and in the above mentioned publication there ^{are} beacons located in the channel extending northward from Johns Pass. These have been listed on Page 3 of the attached list of non-floating aids. (Example: Broken Island Channel, Beacon No. 4).

Attention is called to the fact that the position of some of these aids in this area given in the attached list are not in agreement with a list transmitted to the Office on September 29, 1941. The positions shown on the attached list supersedes the list transmitted on September 29th.

LANDMARKS

It is recommended that a large water tank belonging to the Pinellas County Water Works located near the west end of Welch Causeway, be charted as a landmark. This is a very prominent landmark. *from 587 attached hereto*
Chart Let. 617 (1941)

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 by Lieut. (j.g.) J. D. Thurmond, to the Washington Office.

Respectfully submitted,

Rudolph Fossett
Rudolph Fossett
Photogrammetric Aid.

Forwarded,

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

REVIEW OF AIR PHOTO COMPILATION NO. 3-5829

Chief of Party: Kenneth G. Crosby

Compiled by: R. Dossett

Project: H. T. 242

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, g, and i; 26 and 64)

Yes.

2. Change in position, or non-existence of shoals, 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, see attached list "Non-floating Aids", and paragraph "Non-floating Aids."

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)

Sextant used for location of non-floating aids

4. Nine prints (n. 1-9) from other sources which were transmitted by the field party contain sufficient control for their application to the charts. (Par. 28)

None transmitted.

5. Differences 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.

No contemporary surveys available for comparison.

6. The control and adjustment of the photo plot are discussed in the descriptive report. Removal 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 area is shown clearly and adequately for chart compilation. (Par. 16a, b, c, d, e, g, h, i)

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. Shoal areas are indicated as an aid to the hydrographer.
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. 16d, e; and 60)
Yes.
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. 16c)
Yes, for those which affect navigation. All other bridges are small fixed type span, highway bridges across unnavigable streams.
12. Geographic names are shown on the overlay tracing. The accepted local usage on 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. C. & G.S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and 64k)
No overlay. Reference is made to special report on "Investigation of Geographic Names", by Lieut. (j.g.) J. D. Thurmond
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. 66j) 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, legend also used.
6. All drawing has been retouched where partially rubbed off. Yes.
7. Buildings are drawn with clear straight lines and square corners where such is the case on the ground. Yes.

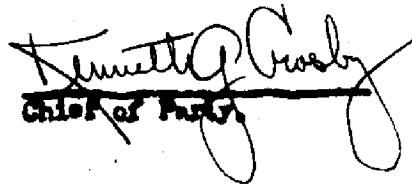
(Par. 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48)

16. No additional surveying is recommended at this time.

No additional topographic survey required, although Treasure Island and Sand Key is undergoing constant changes due to Real Estate developments.

17. Remarks:

18. Examined and approved:


Chief of Party.

19. Remarks after review in office:

Reviewed in office by:

Examined and approved:

~~Chief of Section of Field Records~~

~~Chief, Section of Field work~~

~~Chief, Division of Charts~~

~~Chief, Division of Hydrography~~

GEOGRAPHIC NAMES

Survey No. T-5829

Sheet No. 1.

Name on Survey

	A, On Chart No.	B, On previous survey No.	C, On U. S. quadrangle Maps	D, From local information	E, On local Maps	F, P. O. Guide or Map	G, Rand McNally Atlas	H, U. S. Light List	
✓ <u>Redington Beach</u>	✓								1
✓ <u>Welch Causeway</u>	✓								2
✓ <u>Manafield Key</u>	✓								3
✓ <u>Bay Pines</u>	✓								4
✓ <u>Bay Pines U.S. Veterans Hospital</u>	✓								5
✓ <u>Long Bayou</u>	✓								6
✓ <u>Turtlecrawl Point</u>	✓								7
✓ <u>Cross Bayou</u>	✓								8
✓ <u>Cross Bayou Canal</u>	✓								9
✓ <u>Joes Creek</u>	✓								10
✓ <u>Seminole Bridge</u>	✓								11
✓ <u>Madeira Beach</u>	✓								12
✓ <u>Mitchell Beach</u>	✓								13
✓ <u>Johns Pass</u>	✓								14
✓ <u>Treasure Island</u>	✓								15
✓ <u>Sunshine Beach</u>	✓								16
✓ <u>Treasure Island City</u>	✓								17
✓ <u>Boca Ciega Bay</u>	✓								18
✓ <u>Big Key</u>	✓								19
✓ <u>Crab Key</u>	✓								20
✓ <u>Broken Island</u>	✓								21
✓ <u>Little Bird Key</u>	✓								22
✓ <u>Big Bird Key</u>	✓								23
✓ <u>Jacks Boat Basin</u>	✓								24
✓ <u>Camp Key</u>	✓								25
✓ <u>Kitchen Key</u>	✓								26
✓ <u>The Kitchen</u>	✓								27

T-5829

Sheet No. 1

Remarks.

Decisions

1		278828
2		278827
3		"
4		"
5		"
6	Hitherto charted Fourmile Bayou: OK to use this name pending decision of U.S.G.B.	"
7		"
8		"
9		"
10		"
11		"
12		277827
13		"
14	Hitherto charted John Pass: use this form of name pending decision of U.S.G.B.	"
15		"
16		"
17		"
18		" U.S.G.B.
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-5829

Sheet No. 2.

GEOGRAPHIC NAMES										
Survey No. T-5829										
Sheet No. 2.										
Name on Survey										
	A,	B,	C,	D	E	F	G	H	K	
✓ <u>Moore Island</u>										1
✓ <u>Ten Cent Key</u>										2
✓ <u>Stopper Key</u>										3
✓ <u>Home Key</u>										4
✓ <u>Treasure Island Causeway</u>										5
✓ <u>Twin Sister Keys</u>										6
✓ <u>Rabbit Key</u>										7
✓ <u>Devils Elbow</u>										8
✓ <u>Blind Pass</u>										9
✓ <u>Long Key</u>										10
✓ <u>Bear Creek</u>										11
✓ <u>St. Petersburg Pasadena Subdivision</u>										12
✓ <u>Little Basin</u>										13
✓ <u>The Jungle</u>										14
✓ <u>Eagle Lake</u> ok. from City Map										15
Names underlined in red approved by Lt. Heck on 7/23/42										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

M 234

Remarks

Decisions

1		277827
2		"
3		"
4		"
5		"
6		"
7		"
8		"
9		"
10		"
11		"
12		"
13		"
14	Referred to USGB, as Jungle Estates on charts; Jungles also used; OK to use this form pending USGB decision.	"
15		
16		
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26		
27		



DIVISION OF PHOTOGRAMMETRY
Review Report of
Planimetric Map Manuscript T-5829

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

BRIDGES:

Information on all bridges checks with those given in the bridge list for 1935, except that Treasure Island Causeway is not listed.

COMPARISON WITH PREVIOUS SURVEYS:

T-1301 b	1:20,000	1873
T-1316 a	1:20,000	1873
T-4204	1:10,000	1926

The present survey supersedes the old surveys in all common detail in their common areas.

COMPARISON WITH QUADRANGLE:

Bay Pines U.S.E., 1:31,680, 1941 (T-8388)

No changes or corrections were made except for small buildings added by the field edit.

COMPARISON WITH NAUTICAL CHARTS:

1257 1:80,000 194¹/₈

On chart but not on manuscript: Black Beacon N & W of Treasure Island Causeway.

On manuscript but not on chart: Beacon 61 between Broken Island and Treasure Island; Sunken Boiler between Tripod Island and mainland; St. John Channel: Black Beacon, Beacon No. 4 (red), Beacon No. 6 (red)

Two beacons were replotted on the map manuscript and corrected according to the following measurements: Boca Ciega Bay: (1943)

Beacon No. 30 (red) 27° 47' 1285.0 meters 82° 46' 169.0 meters

Beacon No. 39 (black) 27° 47' 1230.0 meters 82° 46' 157.0 meters

Treasure Island Causeway is not on the ~~chart~~, 1941 edition of this chart, however it will be shown on subsequent editions.

APPLICATION TO NAUTICAL CHARTS:

T-5829 has been applied to charts prior to this review.

Reviewed by:

Under the direction of:

Z. E. Schwaner per K. H. M. 11/12/48
Z. E. Schwaner 14 August 1943

D. H. Benson per S. V. Gifford
D. H. Benson, Chief,
Review Section

Approved by:

B. J. Jones 12/46
Technical Asst. To the Chief,
Division of Photogrammetry

K. T. Adams
Chief, Div. of Photogrammetry

H. Edmonston
Chief, Nautical Chart Branch
Division of Charts

E. K. Green
Chief, Div. of Coastal Surveys *MR*

FS22

TO BE CHARTED
 NOT BE CHARTED
 STRIKE OUT ONE

LANDMARKS FOR CHARTS

"COAST PILOT SECTION"

Air Photographic Party No. 1 November 7, 1941 **193**

I recommend that the following objects which have ~~(been examined)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(deleted from)~~ the charts indicated. Filed in N. Cmts. — 22

The positions given have been checked after listing.

Chief of Party.

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

STRIKE OUT ONE

LANDMARKS FOR CHARTS

Air Photographic Party No. 1 November 7, 1941. 193

ॐ

Lieut. ~~X~~ Kenneth G. Crosby,

Chief of Party.

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

TO BE CHARTED
~~TO BE IDENTIFIED~~

STRIKE OUT ONE

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

Topo. Sheet T-5829
North end of Boca Ciega Bay and
Johns Pass-List of Permanent (Non-
floating aids to Navigation

Tampa, Florida

November 14, 1941

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

The positions given have been checked after listing Page 617 (1941)

617

Lieut. Kenneth G. Crosby,

Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION							METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE		LONGITUDE			DATUM							
		°	'	°	'	D. P. METERS								
		°	'	°	'	D. P. METERS								
	BOCA CIEGA BAY, BEACON NO. 20-A ✓	27	45	156	82	45	291	N.A. 1927	Sextant	9/4-5/41		X		1257
	BOCA CIEGA BAY, BEACON NO. 20-B ✓	27	45	466	82	45	476	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 22 ✓	27	45	981	82	45	736	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 24 ✓	27	45	1224	82	45	685	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 26 ✓	27	45	1371	82	45	591	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 33 ✓	27	46	18	82	45	409	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 35	DESTROYED												
	BOCA CIEGA BAY, BEACON NO. 28 ✓	27	46	926	82	45	345	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 37 ✓	27	47	805	82	45	1348	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 30 ✓	27	47	1279	82	46	174	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 39 ✓	27	47	1233	82	46	162	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 39 A ✓	27	47	1256	82	46	437	"	"	"		X		"
	BOCA CIEGA BAY, BEACON NO. 32 ✓	27	47	1301	82	46	745	"	"	"		X		"

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

See
Review
Report.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

TO BE CHARTED } STRIKE OUT ONE
~~TO BE DELETED~~

Tampa, Florida November 14, 1934

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

The positions given have been checked after listing. 617-41

Lieut. Kenneth G. Grosby,

Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE		LONGITUDE		DATUM							
		°	'	D. M. METERS	°		'	D. P. METERS					
	BOCA CIEGA BAY, BEACON NO. 41	27	47	1269	82	46	752	N. A. 1927	Sextant	9/4-5/41	X		1257
	BOCA CIEGA BAY, BEACON NO. 34	27	47	1630	82	46	996	"	"	"	X		"
	BOCA CIEGA BAY, BEACON NO. 43	27	48	65	82	46	1121	"	"	"	X		"
	BOCA CIEGA BAY, BEACON NO. 45	27	48	343	82	46	1628	"	"	"	X		"
	BOCA CIEGA BAY, BEACON NO. 36	27	48	543	82	47	789	"	"	"	X		"
	BOCA CIEGA BAY, BEACON NO. 47	27	48	1010	82	47	1417	"	"	"	X		"
	BOCA CIEGA BAY, BEACON NO. 49	27	48	1731	82	48	457	"	"	"	X		"
	BOCA CIEGA BAY, BEACON NO. 38	27	49	47	82	48	549	"	"	"	X		"
	BOCA CIEGA BAY, BEACON NO. 49 A	27	49	258	82	48	800	"	"	"	X		"
	BOCA CIEGA BAY, BEACON NO. 40	27	49	535	82	48	1018	"	"	"	X		"
	JOHN PASS, BEACON NO. 1	27	46	870	82	47	853	"	"	"	X		"
	JOHN PASS, BEACON NO. 2	27	46	811	82	47	807	"	"	"	X		"

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

TO BE CHARTED }
~~NOT RECOMMENDED~~ } STRIKE OUT ONEDEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

Tampa, Florida November 14, 1941

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(deleted from)~~ the charts indicated.
The positions given have been checked after listing. 617-41

Lieut. Kenneth G. Crosby,

Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE		LONGITUDE		DATUM							
		° ' "	D. M. METERS	° ' "	D. P. METERS								
	JOHN PASS, BEACON NO. 3 ✓	27 46	1045	82 47	657	N. A. 1927	Sextant	9/4/5/41	X			1257	
	JOHN PASS, BEACON NO. 4 ✓	27 46	994	82 47	618	"	"	"	X			"	
	JOHN PASS, BEACON NO. 6 ✓	27 46	1351	82 47	235	"	"	"	X			"	
	JOHN PASS, BEACON NO. 8 ✓	27 47	275	82 46	356	"	"	"	X			"	
	JOHN PASS, BEACON NO. 5 ✓	27 47	406	82 45	1635	"	"	"	X			"	
	(Black)* BROKEN ISLAND CHANNEL, BEACON (?)	27 47	905	82 46	1398	"	"	"	X			"	
	BROKEN ISLAND CHANNEL, BEACON #4	27 47	988	82 46	1300	"	"	"	X			"	
	BROKEN ISLAND CHANNEL, BEACON #6	27 47	1312	82 46	1234	"	"	"	X			"	
	BROKEN ISLAND CHANNEL, BEACON #61	27 47	1628	82 46	1142	"	"	"	X			"	
	* Number of Navigational Aid was missing when this location was determined.												

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

NAUTICAL CHARTS BRANCH

SURVEY NO. 5829

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.