

# 8399

Diag'd. on Diag. Ch. No. 1256

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. CS-290-C Office No. T-8399

### LOCALITY

State Florida

General locality Tampa Bay Area

Locality Sarasota Bay

1942-'44

CHIEF OF PARTY

R.L.Schoppe

### LIBRARY & ARCHIVES

DATE June 2, 1949

B-1870-1 (1)

# 8399

## DATA RECORD

T-8399

Quadrangle (II): Bradenton Beach

Project No. (II): CS 290 C

Field Office: Tampa, Fla.

Chief of Party: Ray L. Schoppe

Compilation Office: Tampa, Fla. Chief of Party: Ray L. Schoppe

Instructions dated (II III): 11/16/42 Copy filed in <sup>Division of</sup> ~~Descriptive~~  
~~Report No. 37~~ (VI)  
 Photogrammetry Office Files

Completed survey received in office: 24 April, 1944

Reported to Nautical Chart Section:

Reviewed: 5 June 1944 Applied to chart No. 586 Date: 5/16/47

Redrafting Completed: 22 June 1944

Registered: 26 Nov. 1944

Published: May, 1945

Compilation Scale: 1:20,000

Published Scale: 1:31,680

Scale Factor (III): 1:00

Geographic Datum (III): N.A. 1927 Datum Plane (III): M.S.L. 1929

Reference Station (III): Maria 1934

Lat.: 27°28'38.36" (1180.7M) Long.: 82°42'13.04" (358.0M) Adjusted  
~~Unadjusted~~

State Plane Coordinates (VI):

X = 271,854.50 <sup>FLA.</sup> W. Zone Y = 1,143,284.82 <sup>FLA.</sup> W. Zone

Military Grid Zone (VI) "B"

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
11485	11/9/42	11:26	1:20,000	-0.5 ft.
11489	11/9/42	11:43	"	-0.5 ft.
11490	"	11:45	"	-0.5 ft.
11491	"	11:47	"	-0.5 ft.

Tide from (III): Predicted Tides - Anna Maria

Mean Range: 1.4 Ft.

Spring Range: 1.9 Ft.

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

Field Inspection by: W.F. Robohn, C.C. Fryer  
Contours by: W. F. Robohn

date: Feb., 1944

Field Edit by: C. C. Fryer (small portion)

date: Jan. 1944

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

Projection and Grids ruled by (III) Wash. Office

date:

" " " checked by: " "

date: March, 1944

Control plotted by: B.L. Wiggs

date: March, 1944

Control checked by: E.C. Andrews

date:

Radial Plot by: Tampa office personnel

date: March, 1944

Detailed by: Marion T. Gwinn

date: 3-4/44

Reviewed in compilation office by: James H. S. Billmyer

date: April, 1944

*Map Manuscript*  
Elevations on ~~Field Edit Sheet~~  
checked by: N. S. Allen

date: Feb. 1944

STATISTICS (III)

Land Area (Sq. Statute Miles): 4.9

Shoreline (More than 200 meters to opposite shore): 10.2

Shoreline (Less than 200 meters to opposite shore): none

Number of Recoverable Topographic Stations established: none

Number of Temporary Hydrographic Stations located by radial plot:

Leveling (to control contours) - miles: 16.0

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

General Procedure in the Production of Topographic  
Quadrangles for the War Department

T- 8399

This quadrangle, together with similar adjoining maps produced under Project C.S. 1900, was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

The general procedure in the production of this and the adjoining quadrangles was:

PREPARATION OF BASE MAPS

Assembly into quadrangle base sheets by photographic means of previously produced planimetric maps of the area. These maps were compiled by this Bureau from aerial photographs taken in 1939 and were published in 1945 on the scale of 1:10000. Lithographic prints of the quadrangle base sheets on cloth-mounted paper were furnished to the field parties and similar prints in red ink on celluloid sheets were furnished to the compilation office.

T- 5843  
T- 5847  
T- 5848

FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine-lens camera, with airplane and flight crew furnished by the U. S. Coast Guard. The photographs were taken to the scale of 1:20,000.

Ground inspection of the photographs for identification of control points, and classification and clarification of planimetric details on the photographs. The field parties were permitted to make field inspection notes either on the photographs or on the planimetric base sheet.

Contouring by planetable, directly on the photographs or on the planimetric base sheet at the option of the field party. The contouring for this quadrangle was done on the

Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, driveways, and numerous other points identifiable on the photographs.

#### COMPILATION OF MANUSCRIPT

Revision of the planimetric base map from the new photographs and addition of contours and corrections obtained by the field parties. No radial plot was made for this work.

#### FIELD EDIT

Comparison of a copy of the corrected manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

#### PROCESSING IN THE WASHINGTON OFFICE

Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blue-line" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

DESCRIPTIVE REPORT TO ACCOMPANY  
QUADRANGLE T-8399  
PROJECT CS 290 C  
Ray L. Schoppe, Comdr., Chief of Party

1. Description of the Area. The land area of this quadrangle is made up of two necks extending from the mainland of Florida, and several keys lying in Sarasota Bay. It includes several settlements -- Long Beach, at the northern end of Long Boat Key; Bradenton Beach at the southern end of Anna Maria Key; Cortez on the mainland across from Bradenton Beach; and Palma Sola Park, a suburb of Bradenton. There are no railroads in the area; however, Florida State Highways 18 and 18A run through the quadrangle.

Most of the land is low and flat, and is devoted to truck gardening. Along the eastern quadrangle limits there are several marshy areas. There are a number of small docks in the quadrangle, used mainly by local fishermen and tourists.

2. Completeness of Field Inspection. The area within the green lines on photograph 11485 was reinspected, due to the length of time which has expired since the original inspection. For the remaining uncompiled area of the quadrangle, a separate report will be submitted by the party under the direction of Lieut. Comdr. K. G. Crosby, which completed this field inspection.

3. Interpretation of the Photographs. On the photographs which cover the area, clouds cast some shadows which are hard to distinguish from low wet areas. Otherwise, no difficulty is experienced in interpretation. Higher grounds appears much lighter than the dark areas, which are low ground. Roads and streets appear as light or white lines, and mangrove swamps appear very dark.

4. Horizontal Control. Horizontal control was accomplished at an earlier date, and a separate report submitted.

5. Vertical Control. Necessary supplemental level lines were run by this field party, prior to the contouring. Elevations were determined at road intersections, field lines, and other points easily identified on the photographs. Loops originated and concluded at U. S. Coast and Geodetic Survey or U. S. Engineering Department bench marks. All bench marks known to be in the quadrangle were searched for and proper recovery noted submitted by W. Bever, Jr. Topo. Engr., or by a recovery party under the direction of Lieut. Comdr. K. G. Crosby.

6. Contours and Drainage. Contouring was accomplished by standard methods. The area of the quadrangle shown by a dashed line was completed by L. E. Sease, Jr. Engr. All.

Because of the white sand on the high areas, those parts of the quadrangle with contours are outstanding. The quadrangle had been inspected for contours during the time supplemental levels were run, and therefore the planetable work was restricted to the immediate vicinity of the contours.

Drainage was checked, and is indicated in blue ink on the photographs.

For items 7, 8, 9, and 10, refer to descriptive report for original planimetric maps.

11. Landmarks and Aids to Navigation. All beacons, lights, and other aids to navigation in the compiled area were verified, and any changes noted. For that portion not covered by the compilation, landmarks and aids to navigation will be located by a party under the direction of Lieut. Comdr. K. G. Crosby. See the report submitted by that party. Form 567 should be submitted during field edit of this portion of the quadrangle. *See Review Report.*

12. Hydrographic Control. All hydrographic stations shown on the compilation were occupied by the field inspection party in verifying the aids to navigation. One U. S. E. D. channel axis marker stamped "S. E. Axis UT28" was found near ZAX 1941. This should be recovered during the field edit of the quadrangle, and the location picked on the compilation. The approximate location of this axis is shown on the compilation. *No information given by Field Edit.*

13. Landing Fields and Aeronautical Aids. There are no landing fields or aeronautical aids in this quadrangle.

14. Road Classification. This was completed by field inspection party of Lieut. Comdr. K. G. Crosby.

15. Bridges. Bridges in the compiled area were completed and classified for capacity, horizontal and vertical clearance, by C. C. Fryer, Jr. Topo. Engr. In the rest of the quadrangle, bridges were classified by field inspection party of Lieut. Comdr. K. G. Crosby.

16. Buildings and Structures. This was completed by field inspection party of Lieut. Comdr. K. G. Crosby.

Northern  
1-minute of area

17. Boundary Monuments and Lines. Precincts are shown on photograph 11490. Proper junctions with adjoining quadrangles in water area should be made in mid-channel. The county and precinct boundary lines on Long Boat Key should be added during the field edit. Please make this notation on discrepancy overlay.

18. Geographic Names. This will be the subject of a separate report.

19. Data. Contouring is shown on photograph 11485, as is the field inspection of the small area marked thereon. Supplementary fly levels are shown on photographs 11489 and 11491. Nautical aids are found on metical mounted red line print.

46. Methods. The field edit was accomplished by making a visual inspection of the entire area. Deletions, additions, and corrections have been made on photographs 11487 and 11489. Additions and corrections are shown in red, and deletions in green.

47. Adequacy of the Compilation. Only a small area in this quadrangle is compiled. On the whole, detail on the compilation was found to be complete except for the classification symbols, which have been changed since the time of the compilation. These have been brought to date.

48. Accuracy Tests. A traverse to be used for accuracy check is being run at the present time by the party of Lieut. Comdr. G. W. Lovesee, and a report will be submitted as soon as work has been completed. *(Attached hereto)*

For vertical accuracy check, refer to quadrangle T-8405.

Respectfully submitted:

*Walter F. Robohn*

Walter F. Robohn  
Sr. Photo. Aid  
February 28, 1944

C. C. Fryer  
Jr. Topo. Engr.  
February 28, 1944

Approved:

*Ray L. Schoppe*  
Ray L. Schoppe  
Chief of Party

COMPILATION REPORT  
To Accompany  
SHEET NO. T-8399

26. CONTROL

There were eight triangulation stations within the limits of the sheet. All of these were held in the radial plot.

27. RADIAL PLOT

This plot included seven of eleven sheets in project 290 C. The sheets, T-8399 to T-8405 inclusive, were well controlled and were layed without difficulty.

(a) Density

Sheet	Control Stations	
T-8399	5 + 2nd order Trav (1944)	C-14 G.P. 841
T-8400	5	D-14 "
T-8401	5	E-14 "
T-8402	3	F-14 "
T-8403	5	
T-8404	4	
T-8405	23	

Sarasota North and Sarasota South Municipal Tanks were identified on the photographs and cut in as secondary control, geographic positions for these tanks are being computed from fixes taken in the field, these positions when completed should serve as an excellent check on the accuracy of the plot.

(b) Identification of control.

Triangulation station Fulford, Wm house chimney, 1908, appearing on T-8399 was not used inasmuch as it could not be identified with any degree of accuracy and was in a well controlled area. The same applies to station Terrace, 1934, appearing on Sheet T-8405. An abundance of field inspection stations positively identified positions which may otherwise have been doubtful.

Photographs

The following photographs were used, 11476 and 11477, 11479, 11481, 11483, 11485, 11489 through 11495, 11622 through 11631, 11693 through 11698,

11710 through 11717 and 11748 through 11751.

Distortion found in the unmounted photographs has been removed through the use of templates on which true corner, collimation and chamber lines have been inked.

#### Closures and Adjustments

Templates were laid in the usual manner, beginning with those templates which were well fixed, then laying through those with weaker fixes.

Azimuths to adjacent centers held on all templates and excellent radial intersections were obtained.

After the plot was completed, each photograph was placed under the survey sheet as an additional check on the secondaries picked.

#### Areas of Questionable Accuracy

With the control available, all of which seemed to be well identified on the photographs, the sheets included in this plot should meet with the required accuracy.

#### 28. DETAILING

Approximately five square miles of land area have been detailed on this sheet at a scale of 1:20,000. About half of this is between latitudes  $27^{\circ}29'$ , and  $30'$  and was traced directly from the redline print of previous compilation T-5843 which was detailed at a scale of 1:10,000 and reduced to 1:20,000. This detail was corrected to agree with the new radial plot. The remainder of the area was detailed by Mr. R. Dossett at a scale of 1:10,000 as a part of Project HT 242F. The junction between the two parts of the sheet was made with a pantograph and is shown on the sheet with a blue line.

*See layout (last mentioned) and memo for reviews and processing (filed after field-plot report) which will clarify this part. KTA*

The only detail shown outside of this blue line is at two places where the limits of vegetation were completed across the line for the sake of clarity and one place where a road was extended about 200 meters across the line.

The photographs were sufficiently clear for detailing except for cloud patches in a few places.

Field inspection was adequate except for that part of the sheet which includes Anna Maria Key. This is part of the previous compilation, and several buildings have apparently been constructed since the old photographs were taken. These buildings were delineated by the draftsman with the aid of the stereoscope and shown on the compilation.

Satisfactory junctions were made with sheets T-8397 and T-8499 and with the pantographed reduction of T-5847.

29. SUPPLEMENTAL DATA

No supplemental data was used in detailing this sheet.

34. LANDMARKS AND AIDS TO NAVIGATION

No new landmarks or aids to navigation fell within the limits of detailing. See report for the previous compilation and T-5847. *See Review Report*

35. HYDROGRAPHIC CONTROL

The only new station within the detailing limits was EDD 36 which was picked by the field party on a red line print. This was not scaled since no picking card was submitted. For the remainder of the area report for the previous compilation and sheets T-5847 and T-5748.

36. LANDING FIELDS AND AERONAUTICAL AIDS

There are no landing fields or aeronautical aids in this quadrangle.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

No existing topographic quadrangle maps were available for comparison.

45. COMPARISON WITH NAUTICAL CHARTS

This sheet compares favorably with Nautical Chart No. 586, scale 1:40,000 (published March, 1935).

Forwarded by,

*Ray L. Schoppe*  
Ray L. Schoppe,  
Chief of Party.

Respectfully submitted,

*Marion T. Gwinn*  
Marion T. Gwinn,  
Photogrammetric Aid.

## LANDMARKS FOR CHARTS

**TO BE CHARTED** } **STRIKE OUT ONE**

Tampa Photogrammetric Office  
Tampa, Fla.

April 20, 1944

I recommend that the following objects which have ~~(not been)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(charts)~~ the charts indicated.

**The positions given have been checked after listing.**

**Comdr. Ray L. Schoppe**

**Chief of Party.**

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. 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.

FIELD EDIT REPORT  
To Accompany  
SHEET NO. T-8399

16. METHODS

In editing the field compilation, all roads and streets were traversed by truck, and a visual inspection of the topographic features was made. In cases of the offlying Islands an inspection was made from the Mainland nearest the Island, but no boat was employed in the inspection of the shoreline, etc. All buildings, roads, ditches, etc. that were added to the map compilation were plotted by measurements from topographic features.

All additions, corrections and deletions are to be found on the lithograph print of the map compilation. Red ink was used for additions, classifications and corrections; green ink was used for all deletions.

All Citrus was classified by the field edit party. Where the trees were large and overlapped the ground, they were classified as "A"; where they were small or scattered they were classified as "C".

The elevations shown on the map compilation were not checked against those shown on the field photographs as the photographs were not accessible to the field edit party.

17. ADEQUACY OF THE COMPILATION

The compilation was found to be adequate and complete except for the additions, deletions and corrections noted on the field edit sheet.

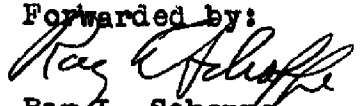
14. ROAD CLASSIFICATIONS

All road classifications were checked in the field and corrections made where necessary. All roads not previously classified were classified according to instructions.

15. BRIDGES

All bridges not previously classified were classified according to instructions. The classifications given bridges by the field edit party are to supersede all other classifications.

Forwarded by:

  
Ray L. Schoppe,  
Chief of Party.

Respectfully submitted,

George E. Varnadoe,  
Prin. Photo. Aid.

May 2, 1944

Memorandum for Review and Office Processing of T-8399

1. The manuscript details for this sheet are in four pieces as follows:
  - (a) Celluloid T-8399, which will form the base projection and to which the military grids are to be added. This manuscript shows only part of the details.
  - (b) Planimetric map T-5847 - in two sections.
  - (c) T-5848 which is not in the office this date.
2. Benson will put on the military grids and turn over to Wittmann as soon as possible.
3. The celluloid T-8399 will be photographed and processed now as a base. The two sections of T-5847 will be reduced and processed onto the same plate. Press blue lines will be made for drafting. Two prints on chart paper will be made for field edit.
4. Review will be accomplished on the original celluloid; that is, using all four sheets noted above. Corrections will be made in a different color. Review may be started as soon as the above process work is completed. Drafting may be started as soon as the above process work is completed.
5. T-5848 contains only a small amount of detail to go on T-8399. For that reason the processing work will not wait for receipt of T-5848 which is not yet in the office. The details will be transferred to the blue lines by hand.

THESE SHEETS ARE ON VINYLITE. HANDLE WITH CARE.

TESTS FOR HORIZONTAL ACCURACY  
 Quadrangles T-8396, T-8399 and T-8400  
 Project CS 290 C

This is a second order traverse from triangulation station MC-NEIL to triangulation station MARIA. This traverse was run by the party of Lieut. Comdr. Lovesee, and it contains 26 test points, 22 of which are well defined and compiled. 3 of the points are within the boundaries of Quadrangle T-8396, 7 are in Quadrangle T-8400, and 12 are in Quadrangle T-8399.

In the computations the test points are designated as P.P. (Photo. Point No.) and are scaled from map manuscript and referred to as M.M.

Tabulation of Test Points				
Description of point	Test point number	Latitude ° ' "	Longitude ° ' "	Difference in mm.
Center of bridge	P.P. 1	27 30 1241.05	82 37 334.83	.122
	M.M. 1	1240.0	333.0	
Inter. of road & road, 60 degrees	P.P. 2	27 30 1050.21	82 37 281.05	.765
	M.M. 2	1046.0	266.0	
Inter. of road & road, 90 degrees	P.P. 3	27 30 376.75	82 37 382.6	.471
	M.M. 3	385.0	378.0	
Inter. of road & road, 90 degrees	P.P. 4	27 29 1360.48	82 37 390.83	.277
	M.M. 4	1365.0	390.0	
Inter. of road & road, 90 degrees	P.P. 5	27 29 1350.0	82 36 1416.92	.388
	M.M. 5	1356.0	1412.0	
Center of cross road, 90 degrees	P.P. 6	27 29 1347.55	82 36 1212.97	.016
	M.M. 6	1348.0	1212.0	
Inter. road & road, 90 degrees	P.P. 7	27 28 1573.78	82 36 1223.26	.237
	M.M. 7	1573.0	1228.0	
Inter. of road & ditch, 90 & 75 degrees	P.P. 8	27 28 746.42	82 36 1230.76	.163
	M.M. 8	747.0	1231.0	
Inter. of road & road, 90 degrees	P.P. 9	27 27 1354.0	82 36 1245.0	.158
	M.M. 9	1353.0	1242.0	
Inter. of road & road, 90 degrees	P.P. 10	27 27 1361.0	82 37 399.5	.184
	M.M. 10	1360.0	403.0	
Inter. of road & road, 90 degrees	P.P. 11	27 27 1369.1	82 37 1403.6	.387
	M.M. 11	1372.0	1411.0	
Inter. of road & road, 90 degrees	P.P. 12	27 27 1364.2	82 37 1605.5	.159
	M.M. 12	1367.0	1607.0	

T-8396

T-8400

T-8399

Description of point	Test point number	Latitude	Longitude	Difference in mm.
Inter. of road & road, 90 degrees	P.P. 14 M.M. 14	27 27 1256.1 1257.0	82 38 1517.1 1517.0	.014
Inter. of road & sand road.	P.P. 15 M.M. 15	27 27 1258.9 1257.0	82 39 465.7 470.0	.235
Inter. of road & dirt road, 90 degrees	P.P. 16 M.M. 16	27 27 1262.6 1265.0	82 39 1278.4 1282.0	.216
Inter. of road & sand road, 90 degrees	P.P. 17 M.M. 17	27 27 1339.5 1339.0	82 39 1620.8 1619.0	.029
Inter. of road & sand road, 75 degrees	P.P. 18 M.M. 18	27 27 1508.5 1507.0	82 40 336.1 332.0	.262
Inter. of road & sand road, 90 degrees	P.P. 19 M.M. 19	27 28 3.39 4.0	82 40 1068.9 1067.0	.099
Inter. of road & maca- dam road.	P.P. 20 M.M. 20	27 28 171.4 172.0	82 40 1429.4 1427.0	.127
Inter. of road & dirt road, 90 degrees	P.P. 21 M.M. 21	27 28 248.7 250.0	82 41 190.3 192.0	.104
E. end of bridge	P.P. 23 M.M. 23	27 28 204.7 206.0	82 41 644.7 644.0	.073
Inter. of road & road, 90 degrees	P.P. 24 M.M. 24	27 27 1625.5 1629.0	82 41 1509.6 1511.0	.188

All test points check within .5 mm. except P.P. number 2. 96% of the points tested fall within the required limits of accuracy.

Submitted by:

*L. W. Swanson*  
L. W. Swanson,  
Lieut. Comdr.

Approved by:

*Ray L. Schoppe*  
Ray L. Schoppe,  
Chief of Party.

K-8399

T-8399

1

Remarks

Decisions

1		
2		USGB
3		
4		
5		Road Maps
6		
7		
8		273826 USGB
9		"
10		"
11		"
12	Pending with USGB	"
13		"
14	<i>folks East of this Quad - Hla-</i>	274826
15	Pending with USGB	"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		USGB
26		"
27		"

# GEOGRAPHIC NAMES

Survey No. T-8399

BRADENTON BEACH quadrangle

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	K
	Gulf of Mexico	✓								1
✓	Florida	✓								2
✓	Sarasota County	✓								3
✓	Manatee County	✓								4
✓	State Nos. 18, 18A	✓								5
										6
										7
✓	Longboat Key	✓								8
✓	Sarasota Bay	✓								9
✓	Cranes Bayou	✓								10
✓	Bitterwood Harbor	✓								11
✓	Whale Key	✓								12
✓	White Key	✓								13
✓	Long Bar Point	✓								14
✓	Sister Keys	✓								15
✓	Ocon Key	✓								16
✓	Tidy Island	✓								17
✓	Cow Point	✓								18
✓	Longbeach	✓								19
	(by far the greater number of sources use one word for this name)									
✓	Longbeach Road	✓								20
✓	Longboat Inlet	✓								21
✓	Whitney Beach	✓								22
✓	Jewfish Key	✓								23
✓	Leffle Key	✓								24
✓	Bradenton Beach	✓								25
✓	Cortez	✓								26
✓	Cortez Road	✓								27

## Remarks.

## Decisions

1		274826
2		"
3		"
4		"
5		"
6		275826
7		"
8	Pending with USGB	275827
9		274826
10		"
11		"
12		275827 USGB
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
M 234		

# GEOGRAPHIC NAMES

Survey No. T-8399

GEOGRAPHIC NAMES		Survey No. T-8399									
2	Name on Survey	<div>On Chart No.</div> <div>On previous survey No.</div> <div>On U. S. quadrangle Maps</div> <div>From local information</div> <div>On local Maps</div> <div>P. O. Guide or Map</div> <div>Rand McNally Atlas</div> <div>U. S. Light List</div>									
		A	B	C	D	E	F	G	H	K	
	Cortez School										1
	<u>Cortez Bridge</u>		✓								2
	<u>Palma Sola Bay</u>		✓								3
	<u>Prices Key</u>		✓								4
	<u>Palma Sola Park</u>		✓								5
	<u>Perico Island</u>		✓								6
	<u>Perico Bayou</u>		✓								7
	<u>Sarasota Pass</u>	✓									8
	<u>Ilexhurst</u>	✓	(at new location)								9
	<u>Grassy Point</u>		✓								10
	<u>Grassy Point Bayou</u>		✓								11
	<u>Anne Maria Key</u>		✓								12
											13
											14
											15
											16
											17
											18
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											20
											21
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											23
											24
											25
											26
											27

Names underlined in red approved  
by Lettack on 6/15/44

M 234

Names underlined in red approved  
by L. Heck on 6/15/44

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8399

BRADENTON BEA CH QUADRANGLE, FLORIDA

This quadrangle manuscript has been examined for completeness, accuracy, and conformity with the specifications. It is adequate for smooth drafting, reproduction and publication. Revisions found to be necessary in this office are discussed on the next page.

Horizontal and Vertical Accuracy

See subject 48 of Field Inspection Report

Previous Surveys

This manuscript has been compared with the following previous topographic surveys of this Bureau and other agencies. This map is satisfactory to supersede the previous surveys over the common area.

T-1517a 1/20000 1883

Comparison with Nautical Charts Nos. 1256 1/80000 1942

The manuscript has not been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

Light "26" is not shown on the manuscript. An investigation disclosed no chart letter, and no field data was given by the Field Edit Party.

The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

Four second-order traverse stations which were used in the radial plot were not on the map manuscript, but have been plotted on the manuscript, the 1/20000 vault print, and the vault copy of the quadrangle at the time of registration.

Though the descriptive report says there were no new aids to navigation, a chart letter giving two aids to be charted is attached. Only one of these appears on the published quadrangle, - Sarasota Pass Light No. 6.

LTS, Nev. 1948

Reviewed \_\_\_\_\_ By \_\_\_\_\_  
under direction of D. H. Benson Willis W. St. John 5 June, 1944

Inspected by B. G. Jones

*B.G. Jones*

Examined and approved:

*H. C. Edmonston*  
Chief, ~~Survey~~ Branch  
Nautical Chart

Chief, Div. of Charts

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

*W. M. Scaife*  
Chief, Div. of Coastal  
Surveys

## NAUTICAL CHARTS BRANCH

SURVEY NO. T 8399

## 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.**

## RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

### Registered and Filed in the Vault.

Cloth-mounted copy of the published quadrangle.

Black and white cloth-mounted copy of the published quadrangle at 1:20,000 scale. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For woodland, refer to the published quadrangle for the finally adopted outlines.

Descriptive Report.

### Filed in the Photogrammetric Division.

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Review Section.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Copies of specifications and all instructions to field parties and field offices.

Filed in Reproduction Branch.

Glass negatives of the color separation drawings.

Filed in the Library.

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L. Gallen, 1944.

Season's report on field work by Commander R. L. Schoppe, 1944.

Delivered to the Army Map Service in accordance with the contract.

Film negatives and film positives of the color separation drawings.

All color separation drawings.

A correction sheet consisting of a copy of the first edition of the quadrangle with notes in red indicating changes desirable at the next printing.

# Bases for T-8399

Virilite manuscript having projection  
and military grid for the whole area, but  
with detailing for this part only  
*T-5843 area*

T-5847 W  $\frac{1}{2}$

E  $\frac{1}{2}$

T-5847 W  $\frac{1}{2}$

E  $\frac{1}{2}$

T-5848 N  $\frac{1}{2}$

Gulf

Mexico

82°  
45'

44

43

42

41

40

39

38

82°  
37'

44

43

42

41

40

39

38

37

36

35