

ORIGINAL

5859

Diagramed on diagram chart No. 1255

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photo Compilation

Field No. _____ Office No. T-5859

LOCALITY

State Florida

General locality Gasparilla Sound

Locality Boca Grande

Date of Photos: Dec. 14 & 19, 1939

1944

CHIEF OF PARTY

Comdr. Ray L. Schoppe

LIBRARY & ARCHIVES

DATE

July 29 - 1947

B-1870-1 (1)++

5859

Applied to Chart Car. 474

May 1945.

T5859

Form T-1

DATA RECORD

T- 5859

Quadrangle (II):

Project No. (II):
C.F. 242-F

Field Office: Tampa, Fla.

Chief of Party: K. G. Crosby

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

Instructions dated (II III): 4/3/40 Copy filed in Descriptive Report No. T- (VI)

Completed survey received in office: - 3/24/44

Reported to Nautical Chart Section: - 4/26/44

Reviewed: July 31, 1945 Applied to chart No. Date:

Redrafting Completed: - 6/13/46

Registered: - 7/47 Published: - 1/15/47

Compilation Scale: 1:10,000 Published Scale: 1:10,000

Scale Factor (III): 1.00

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

Reference Station (III): ~~Gasperille 2, 1945~~ *Piscida 2, 1934, adjusted*

Lat.: ~~26° 48' 15.74" (484.13M)~~ Long.: ~~82° 16' 13.19" (1192.9M)~~ ~~ADJUSTED~~
26° 49' 54.279 (1668.7M) 82° 15' 57.745 (1594.5M) Unadjusted

State Plane Coordinates (VI):

Piscida 2, 1934
X = 413, 241.71 Y = 908, 055.84

Military Grid Zone (VI)

STATISTICS (III)

Land Area (Sq. Statute Miles): 7.44

Shoreline (More than 200 meters to opposite shore): 49

Shoreline (Less than 200 meters to opposite shore): 31

Number of Recoverable Topographic Stations established: 18

Number of Temporary Hydrographic Stations located by radial plot: 121

Leveling (to control contours) - miles:

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

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

Remarks:

DESCRIPTIVE REPORT
TO ACCOMPANY
SHEET NO. T-5859

26. CONTROL

There are nine triangulation stations appearing on this sheet. All stations were held.

27. MAIN RADIAL PLOT

For a discussion of the main radial plot of which this sheet is a part, reference is made to the descriptive report for Sheet T-5879.

28. DETAILING

Detailing was done in accordance with current instructions for the project. The sheet consists of two halves, the junction being at latitude $26^{\circ} 48'$. Only two-cut radial points could be established between approximate latitude $26^{\circ} 44'$ and latitude $26^{\circ} 45' 20''$. This includes the town of Boca Grande. This area therefore, is not considered well controlled.

All photographs used for detailing were very clear. Those of the 4200 series were of good scale, but those in the 4300 series were not so good.

Field inspection was very thorough, especially along the shoreline where considerable changes have occurred since the photographs were taken. The most prominent of these changes are at and near Gasparilla Pass and Little Gasparilla Pass. Measured distances to the shoreline as of the date of field inspection (1943) were given on the field prints where these changes have taken place.

Information was received from the Seaboard Airline Railway office at Tampa, that a side track and scale house appearing on photographs 4272 and 4273 at approximate latitude $26^{\circ} 44' 05''$, longitude $82^{\circ} 15' 30''$ has been moved and is therefore, not shown on this compilation.

Sections of some streets in Boca Grande are completely covered by overlapping trees but were drafted after consultation with the field inspector.

29. SUPPLEMENTAL DATA

No supplemental data was available.

34. LAND MARKS AND AIDS TO NAVIGATION

Land marks and Aids to Navigation which are to be charted and deleted have been listed on Form 567 which is made a part of this report.

*Letter # 457
1943*

35. HYDROGRAPHIC CONTROL

The following H. & T. stations appearing on this sheet can be recovered for use by the hydrographic party.

Station	Date	Est. by-
NEW ✓	1943	K. G. Crosby
RUR ✓	"	" " "
PEN ✓	"	" " "
NAN ✓	"	" " "
PAY ✓	"	" " "
LAD ✓	"	" " "
NET ✓	"	" " "
B.Mon. C.V. 4&5 (U.S.E.)	"	U.S.E.D.
Tank, Elevated, Gasparilla Inn	"	K. G. Crosby
Tank, Elevated, Golf Course	"	" " "
Tank, Elevated, Muni Incinerator	"	" " "
B.G. 6 U.S.E. -	1935	U.S.E.D.

*B.G. 7, 1935 (U.S.E.)
B.G. 8 " " Crosby
S.I.N. 1943 " "
HUM "*

In addition there are 121 unmarked H. & T. stations such as "point of mg", "mg bush", etc., that may be used by the hydrographer.

18. GEOGRAPHIC NAMES

A special report on Geographic names under the title, "Florida West Coast, Charlotte Harbor, Gasparilla Sound, Miakka River and Peace River" was submitted by L. C. Bonham, Junior Photogrammetric Engineer, to the Washington Office on November 1, 1943.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

There were no topographic quadrangles available for comparison.

45. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the U. S. C. & G. S. Estero Bay to Lemon Bay Chart No. 1255. A considerable change has taken place in the shore lines since the date of photographs.

A change of approximately 125 meters has been made in the shoreline at the northern tip of Little Gasparilla Island, latitude 26° 50' 20", longitude 82° 17' 45".

Also the shoreline along the southern end of this island, latitude $26^{\circ} 48' 55''$, longitude $82^{\circ} 16' 57''$ shows a change of approximately 25 meters.

The shoreline at the northern end of Gasparilla Island at approximate latitude $26^{\circ} 48' 30''$, longitude $82^{\circ} 16' 55''$ has a change of approximately 110 meters at the point and approximately 80 meters at a point west of Gasparilla, latitude $26^{\circ} 48' 15''$, longitude $82^{\circ} 16' 58''$.

These changes are indicated on field prints Nos. 4269, 4270 and 4271 by the field party. It is believed these changes have been caused by storm tides.

There is now a dredged cut at Plasida, latitude $26^{\circ} 49' 55''$, longitude $82^{\circ} 16'$. Also the shoreline at Plasida along the mouth of Coral Creek and northwest of the railroad trestle has been changed to some extent by dredging. This is indicated by the field party on field print No. 4345.

It is noted that Plasida is improperly located on Chart No. 1255. It is shown east of Coral Creek; but is actually located west of Coral Creek and on the northwest side of the railroad.

A cut now exists through a point of land on the east side of Gasparilla Island at latitude $26^{\circ} 46' 55''$, longitude $82^{\circ} 15' 45''$. This point is connected with the island on the nautical chart.

A considerable change is noted in the size and shape of a bay called "Hole in the Wall" at approximate latitude $26^{\circ} 15'$, longitude $82^{\circ} 15'$. This apparently is due to filling, in the construction of a golf course in this area.

There were no other discrepancies that could be found due to the large scale differences of the sheets.

It is recommended that this compilation supercede the present charted information.

Respectfully submitted,

Russell J. Pate

Russell J. Pate,
Photogrammetric Aid

Forwarded by:

Ray L. Schopp
Ray L. Schopp,
Chief of Party.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED } STRIKE OUT ONE
LANDMARKS FOR CHARTS
 Tampa Photogrammetric Office
 Tampa, Florida

March 1, 1944

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

The positions given have been checked after listing.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION	DATE OF LOCATION	Charts of Party								
		LATITUDE		LONGITUDE		DATUM	HARBOR CHART			INSHORE CHART	OFFSHORE CHART							
		0	'	D. M. METERS	0							'	D. P. METERS					
Boca Grande, Fla.	Boca Grande Yacht Basin	26	44	1624	82	15	236	N.A.	1927	Sextant	1943						1255	
	Entrance Light 1									Flx								
	<i>Letter # 467, 1943</i>																	

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.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS
Tampa Photogrammetric Office
Tampa, Florida

March 1, 1944

~~ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED~~
TO BE DELETED

STRIKE OUT ONE

I recommend that the following objects which have ~~(#1111111111)~~ been inspected from seaward to determine their value as landmarks, be ~~(#1111111111)~~ (deleted from) the charts indicated.
The positions given have been checked after listing.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION				METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE		LONGITUDE							
		°	'	°	'						
Boca Grande, Fla.											
	Tank Boca Grande	26	44.7	82	15.7			✓			1255
	Boca Grande Yacht Basin Range Front Light	26	44.8	82	15.2			✓			1255
	Boca Grande Yacht Basin Rear Light	26	44.9	82	15.4			✓			1255
	<i>Letter 457, 1943.</i>										
	<i>OUT</i>										

Ray L. Schoppe

Chief of Party.

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.

GEOGRAPHIC NAMES

Survey No. T-5859

1	Name on Survey															
		A	B	C	D	E	F	G	H	K						
	✓ Gulf of Mexico ✓✓															1
	✓ Florida															2
	✓ Seaboard Air Line Ry ✓✓															3
	✓ Fla. No. 173															4
	✓ Charlotte Harbor ✓✓															5
	✓ Gasparilla Sound ✓✓															6
	✓ Boca Grande ✓✓ ✓ (town)															7
	✓ Boca Grande Canal ✓✓															8
	✓ Gasparilla Island ✓✓															9
	✓ Hole in the Wall ✓✓															10
	✓ Hole in the Wall Flats ✓✓															11
	✓ Loomis Island ✓✓															12
	✓ Loomis Cut ✓✓															13
	✓ Jack Point ✓✓															14
	✓ Three Sisters ✓✓															15
	✓ Hoagen Key ✓✓															16
	✓ Devilfish Key ✓✓															17
	✓ Cayo Palau ✓✓															18
	✓ Sandfly Key ✓✓															19
	✓ Hollenbeck Key ✓✓															20
	✓ The Grouper Hole ✓✓															21
	✓ Peekins Ranch Cove ✓✓ (preferable to add generic term)															22
	✓ Gasparilla ✓✓															23
	✓ Gasparilla Pass ✓✓															24
	✓ Catfish Creek ✓✓															25
	✓ Cotton Key ✓✓ (Pending with USBGN)															26
	✓ Placida ✓✓															27

GEOGRAPHIC NAMES

Survey No. T-5859

2	Name on Survey	Source												
		A	B	C	D	E	F	G	H	K				
		On Chart No.	On previous survey No.	On U. S. Quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List					
✓	Coral Creek ✓ ✓													1
✓	Kettle Harbor ✓ ✓													2
	Coon Key ✓ ✓													3
✓	Rambler Hole ✓ ✓													4
	Bocilla Island ✓													5
✓	Little Gasparilla Pass ✓													6
✓	Little Gasparilla Island ✓													7
✓	Bird Key ✓ ✓													8
														9
														10
														11
														12
														13
														14
														15
														16
														17
														18
														19
														20
														21
														22
														23
														24
														25
														26
														27

Names underlined in red approved
by L. Heck on 7/3/46

NAUTICAL CHARTS BRANCH

SURVEY NO. T-5859

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
8/22/45	1255	Map Hall	Before After Verification and Review
9-9-48	1255	M. Andrews	Before After Verification and Review <i>Examined for critical corrections only.</i> Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.

Division of Photogrammetry

Review of Planimetric Map T-5859

The manuscript T-5859 was submitted to the Washington Office in two parts, a north half and a south half. The north half was destroyed in making ozalid copies. However, a photographic print had been made previously and a new manuscript (for the north half of T-5859) was prepared by tracing from this print.

Field Inspection and Detailing.

These were adequate. The only change of consequence made during the review was the addition of small mangrove islands in Catfish Creek.

Comparison with Previous Surveys.

T-5859 supersedes T-853, 1:20,000, 1860. Very extensive cultural and natural changes have occurred throughout the area since the previous survey.

Comparison with Nautical Charts.

T-5859 was applied to chart 474 prior to this review. The only change made during the review which affects the chart is the addition of a number of small mangrove islands in Catfish Creek. These are shown in red on the manuscript.

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

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

APPROVED BY:

B.G. Jones 7/47
Technical Assistant to the
Chief, Div. of Photogrammetry

K.T. Adams
Chief, Div. of Photogrammetry

J. R. ...
Chief, Nautical Chart Br.
Division of Charts

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