

# 8385

Diag'd. on Diag. Ch. No. — 1257-2

Form 504

U. S. COAST AND GEODETIC SURVEY  
DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Gadsden Point, Fla.

N-2745.0 - W8222.5/7.5

Type of Survey Topographic

Field No. CS-290-A Office No. T-8385

### LOCALITY

State Florida

General locality Tampa Bay

Locality Tampa - Gadsden Point, Quad.

1942-43

CHIEF OF PARTY

Ray L. Schoppe

LIBRARY & ARCHIVES

DATE May 24, 1949

B-1670-1 (1)

# 8385

## DATA RECORD

T- 8385

Quadrangle (II): T-8385 (Gadsden Point, Fla.) Project No. (II): CS 290 A  
*N 2745.0 - W 8222.5/7.5*

Field Office: 1101 E. Broadway Chief of Party: Ray L. Schoppe  
 Tampa, Florida

Compilation Office: " Chief of Party: K. G. Crosby

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

Completed survey received in office: \_\_\_\_\_

Reported to Nautical Chart Section:

Reviewed: *5/28/43* Applied to chart No. 587 Date: *6/7/46*

Redrafting Completed: *30 June 1943*

Registered: *12 Oct. 1948* Published: *Jan. 1945*

Compilation Scale: 1:20000 Published Scale: *1:31680*

Scale Factor (III): 1.00

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

Reference Station (III): OLD (U. S. S. ) 1908

Lat.:  $27^{\circ} 51' 51'' .262$  (1577.9 m) Long.:  $82^{\circ} 24' 06'' .149$  (168.2 m) Adjusted  
~~Unadjusted~~

State Plane Coordinates (VI):  
*Florida West zone*

X = *370,207.69*

Y = *1,283,505.92*

Military Grid Zone (VI)

"B"

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
11652	These photos were used only to revise vegetation			
11653	notes and cultural detail. Shoreline was taken from			
11685	1:10000 photos used on project H. T. 242 E.			
11686	11/12/42	1:36		
11687				

Tide from (III):

Mean Range:

Spring Range:

Camera: (Kind or source) U. S. C. & G. S. Nine Lens (8'4" focal length)

Field Inspection by:

date:

*Elliot Gillerman*

*April, 1943*

Field Edit by:

date:

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

Mean high-water line was located from photos used on compilations made previously on Project H. T. 242 E.

Red Line Prints

Projection and Grids ruled by (III) Washington office date: March 1943

" " " checked by: " " date: "

Control plotted by: Tampa office (previous compilation) date: "

Control checked by: " " " " date: "

Radial Plot by: " " " " date: "

Revised

~~Revised~~ by:

V. F. Simmons, Photo. Aid

date: Jan.-Mar., 1943

Reviewed in compilation office by: J. H. S. Bill- date: March, 1943  
myer, Asst. Photo. Engr.

Elevations on <sup>Map Manuscript</sup> ~~Field Edit Sheet~~  
checked by: *C. M. Shinn*

date:

### STATISTICS (III)

Land Area (Sq. Statute Miles):

Shoreline (More than 200 meters to opposite shore):

Shoreline (Less than 200 meters to opposite shore):

Number of Recoverable Topographic Stations established:

Number of Temporary Hydrographic Stations located by radial plot:

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: Areas and shoreline lengths have been measured on previous air photo compilations.

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

7-8385

This quadrangle, together with similar adjoining maps produced under Project C.S. 290A, 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 1945-6 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.

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 base sheets.

(See p. 2 of Field Edit & Field Inspection Report)

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.

FIELD EDIT AND FIELD INSPECTION REPORT

QUADRANGLE T-8385

With the exception of a very small area in the extreme southeastern corner of this quadrangle, the entire area is covered by a map compilation made from previously compiled planimetric maps (numbers T-5836, T-5838, and T-5839).

According to instructions, therefore, items 1 through 4, as listed under "Field Inspection Report" in the book of instructions, are omitted.

5. Except for the area in the northwestern part of the quadrangle included within the boundaries of MacDill Field, all supplemental levels for the control of the plane table were run over existing roads. Elevations were obtained at road intersections and at other identifiable points. At a few points in the southeastern corner of the quadrangle, stakes were driven into the ground and elevations were placed upon the top of the stake in order that the plane table party might locate the point with greater accuracy. These points were later recovered by the plane table party. The top of the stakes were set one foot above ground level; due to this fact, a discrepancy of one foot between the elevations marked on the photograph and those marked on the red line compilation was noted at 8 localities. The elevations on the compilation are ground elevations.

The elevations within MacDill Field were taken from the records of the U. S. Engineers Department at MacDill Field and are based upon mean sea level datum plane.

6. The contours were located by plane table methods on a map compilation made from previously compiled planimetric maps. The contouring was done with a party of four or five men -- a plane table man, a recorder, and two or three rodmen. The plane table location was taken from identifiable points on the compilation, or traverses were run from such points to the desired set-up.

The table was oriented by sighting at or along detail on the compilation sheet wherever possible. In addition, a magnetic meridian was placed upon the compilation by setting up at a point where a strong orientation could be obtained. This was checked frequently and, with the use of the declinator, was used to orient the plane table when no other method was available. Standard topographic methods were used in carrying the locations and in locating individual rod shots.

All streams and ponds not shown or that were incorrectly shown on the map compilation were put in with the plane table. Two exceptions will be noted: the extreme southeastern corner of the quadrangle and the northwestern section within the boundaries of MacDill Field. In these two areas, additions and corrections were marked on the photographs. Drainage ditches

were similarly treated. Ditches along roads, field ditches, and small ditches are not shown.

The error of closure of all traverses run were within the limits of accuracy, both horizontal and vertical, of this project.

11. All lights and beacons in that portion of Tampa Bay within the limits of the quadrangle were checked by plane table methods, with the exception of the single light at the mouth of the Alafia River.

Three or four "cuts" were taken on each and, with one exception, the position so obtained agreed, within the limits of accuracy, with the position of the light as plotted upon the compilation.

The plotted positions were taken from records of the U. S.

Engineers Department which were fixed in the fall of 1942 by triangulation methods. (The exception mentioned above is Hillsboro 6 A Light. Three "cuts" by the plane table intersect at a point 20 meters southeast of this light as plotted.)

The channel markers and lights marking a harbor on the eastern side of MacDill Field differ radically from the positions shown on the old map compilation. This discrepancy arose from the fact that the positions charted on the map had been plotted according to proposed plans for their location before they were actually placed. The positions as determined by the plane table are correct. New lights and beacons were fixed by taking at least three "cuts" with the plane table.

13. A large portion of MacDill Field, a large army air base, occupies the northwestern part of the quadrangle. All details

for M 567 submitted  
19 Beacons (not on Reub. map)  
24 Light (18A + 7 @)

within the field are explained elsewhere in this report. The air field is large and well-equipped and is used entirely for military purposes at the present time.

An area along the western edge of the quadrangle in the central portion of MacDill Field has been marked on the photograph to be deleted. Although plainly showing on the photograph, this area is an ammunition dump and the wishes of the authorities of the Third Air Force are that it not be shown in the completed maps. Another area in the eastern portion of MacDill Field is at present abandoned, and is deleted on the photograph.

14. All roads have been classified in accordance with the instructions. New roads which were added, and changes in old roads, were put in by plane table methods except in the northwestern part of the quadrangle; here the changes are made on the photographs. Most of the roads in the area were unimproved and names were not obtainable. However, where obtainable they were shown. All streets within the limits of MacDill Field are to be classified as Rd. 2 unless otherwise marked.

15. Bridges have been checked and classified by Mr. C. C. Fryer during the month of March, 1943.

16. All buildings in the eastern part of the quadrangle and in the northwestern portion outside of MacDill Field were put in with the plane table or measured by steel tape from identifiable objects. Buildings to be deleted have been marked with an "x". The buildings within MacDill Field were not checked; new construction is going on continuously in this area.

17. The boundaries of MacDill Field were checked and marked on the compilation.
19. The quadrangles to the south and east of quadrangle 8385 are not completed as yet, and thus no junction could be made with them. No contour extends across the western or northern limits of the quadrangle. However, road and vegetation classifications were checked with quadrangle 8386 to the west and were found to agree.
20. All vegetation was classified in accordance with the instructions and was thus indicated on the photographs and the compilation. Where the areas of different vegetation are not outlined, the symbols are so placed as to enable the compilation office to clearly outline the areas.
21. All high power lines which do not follow other cultural features are so indicated.
46. All additions, deletions, and corrections were made on the map compilation with the exception of a small area in the extreme southeastern corner and the entire northwestern portion of the quadrangle. In these areas, additions, deletions, and corrections were made on the photographs. The compilation was not inked; the photographs, however, show drainage symbols in blue, elevations in black, and cultural features and vegetation classification in red. Deletions are marked by "x's" of appropriate color.
47. The map compilation, which was made from previously compiled planimetric maps, was not very complete. Many additions, deletions,

and corrections were made. This was especially true of the area within MacDill Field. These changes are all shown either on the compilation or on the photographs, and are indicated as outlined in paragraph 46. The field edit has been thorough and it is believed that no additional inspection need be made in the field after the new compilation is completed.

48. The vertical accuracy test for this sheet (latitude  $27^{\circ}46'$ , longitude  $82^{\circ}22.9'$ ) was run by Charles Hanavich, Principal Photogrammetric Aid. The section of the 20-foot contour tested on this sheet is within the required limits of accuracy as set forth in the instructions, and 5-foot contours can be added at a later date.

This test contour is shown on the <sup>sheet</sup> *sheet* by yellow lines connected to black dots; the black dots indicate the elevations on the contour ascertained in the field.

The test contour was run independent of this topographic sheet on a copy of the map assembly and then transferred to this sheet and checked.

The levels for this quadrangle were run by Mr. James Grover, Photogrammetric Aid, and Mr. Joseph J. Young, Senior Photogrammetric Aid. The portion of this report dealing with levels was written by these two men.

The field edit and contouring on this quadrangle were done by Mr. Elliot Gillerman, Junior Topographic Engineer. The main body of this report was written by Mr. Gillerman.

Respectfully submitted,



Elliot Gillerman  
Jr. Topographic Engineer

Approved 4/24/43



Ray L. Schoppe  
Chief of Party  
VMFP#2

# ABBREVIATIONS

## ROADS

- W — Width (feet bet. shoulders)
- P — Private road
- OP — Overpass
- UP — Underpass
- X — Abandoned trail, road, etc.
- RR — Railroad tracks; as 2 tracks

## WOODS CLASSIFICATION

### Density Classification

- 1 — Scattered
- 2 — Thinly wooded
- 3. — Heavily wooded
- 4 — Densely wooded

### Types of woods

- D — Deciduous
- P — Evergreen and pine
- R — Brush
- S — Scrub
- Y — Cypress
- L — Young trees (LP—young pines  
LD—young deciduous trees)

## SHORE LINE

- HWL — Mean high water; fast land
- LWL — Low water line
- LL — Light line; marsh shore line
- M — Marsh inshore limits
- MW — Marsh grass in water
- Dk — Dock
- Pier — Pier
- Se W — Sea wall
- Bkhd — Bulkhead
- Jet — Jetty
- Dol — Dolphin
- Pile — Pile
- S — Sand
- Mud — Mud
- Rk — Rock or rocky
- Sty — Stony
- Conc — Concrete
- Wo — Wood
- Blf — Bluff
- Dune — Dune

## BOUNDARIES

- F — Fence
- Sty F — Stone fence
- F B — Fire Break
- Hdg — Hedge
- Park — Park
- Cem — Cemetery
- Co — County
- ~~Md — Maryland~~
- ~~Va. — Virginia~~
- Bdy — Boundary

## VEGETATION

- C — Cultivation
- Gr — Grass

## BUILDINGS

- Ho — House
- Ba — Barn
- Sh — Shed
- Bldg — Building
- Bo Ho — Boat House
- Ch — Church (give name)
- Ct Ho — Court House (give name)
- P O — Post Office (give name)
- Sch — School (give name)
- Hos — Hospital (give name)
- RR Sta — Railroad station
- Sto — Country store or gas sta.
- P Sta — Power Station
- Ck H — Chicken House
- D — Dwelling

## LANDMARKS

- FT — Fire tower
- TT — Transmission tower
- RT — Radio Tower or mast
- Air Bn — Airway beacon
- Bn — Non-lighted aid to navigation
- Lt — Lighted aid to navigation
- Tk — Low tank
- Tk elev — Tall tank
- Stk — Stack

## STREAMS, PONDS & BRIDGES

- D — Largest ditches only
- DX — Small
- IS — Intermittent stream
- PD — Probable drainage
- Cr — Creek
- Ca — Canal
- Brg — Bridge, (capacity & clearance)
- Cv — Culvert (capacity)
- Lev — Levee
- Dam — Dam
- P — Pond
- IP — Intermittent pond

BRIDGE AND TUNNEL CLASSIFICATION

<u>First Symbol</u>	<u>One Lane</u>	<u>Unlimited</u>
Capacity	5 m.p.h.	
A	50 tons	25 tons
B	25 tons	18 tons
C	18 tons	15 tons
D	10 tons	7 tons
E	8 tons	4 tons
F	Light vehicles only	

Second Symbol

Vertical Clearance    A - over 14 feet  
                              B - over 13 feet  
                              C - over 12 feet  
                              D - over 11 feet, etc.

Third Symbol

Horizontal Clearance    A - over 18 feet  
                              B - over 17 feet  
                              C - over 16 feet  
                              D - over 15 feet, etc.

Fourth Symbol - Year of Classification

## ROAD CLASSIFICATION FOR MAPS OF ALL SCALES

CLASS	LABEL	STRUCTURE	LOADING
1	Dependable hard-surface heavy duty road.	Concrete, asphaltic concrete bituminous Macadam, H-15 type structures.	Will bear heaviest loads with little maintenance.
2	Secondary, hard-surface all-weather road.	Surface-treated, oiled gravel, waterbound Macadam, structures generally lighter than H-15 but sturdy.	Will bear fairly heavy military loads in all weather if maintained.
3	Loose-surface graded, dry-weather road.	Gravel or stone surface, stable material, selected sand-clay, etc. Drained and graded.	Will bear light military loads in good weather.
4	Unimproved road.	Graded and drained earth, with very light structure.	Generally unsuitable for military loads.
4U	Truck road	Woods roads, farm roads, etc. over which a standard gage vehicle can be driven.	
5	Trail	(Horse trails, foot trails, etc.)	

Roads with more than two (2) lanes are indicated by note along road, e. g. 3 LANE. Change in lanes shown by tick at point of change. Main roads have two lanes unless otherwise marked.

Private roads are designated by the letter P after the road classification.

### **WOODS CONCEALMENT CLASSIFICATION**

- ~~Class A: Trees over 10' high and thick enough to hide troops.~~  
~~Class B: Brush thick enough to hide troops but dense enough to impede progress.~~  
~~Class C: Scattered brush thick enough to hide troops but not thick enough to impede progress.~~

## WOODS AND BRUSH

### TYPE

D	Deciduous
E	Evergreen
Cy	Cypress

### CONCEALMENT

- Z Trees 10 feet or more in height, and thick enough when in foliage to conceal troops and vehicles.
- Y Bush and undergrowth thick enough to impede foot troops and conceal troops lying down.
- X Scattered trees not thick enough to conceal troops.
- W Scattered brush not thick enough to conceal troops.

### PHYSICAL FEATURES

- HG Higher ground - usually appears in light tone on photograph; either wooded or cultivated area; may be scrub trees or brush. (usually not symbolized on photographs.)
- LG Low areas - generally appears dark on photograph; becomes swampy during rainy season; often covered with dense growth of brush.
- SW Swamp - ground covered with water or boggy most of the time; lower in elevation than LG; wooded and/or brush.
- N Salt marshes

NOTE: The above areas are not outlined but sufficient notes are made on each photograph so that the variation in tones can be correctly interpreted in the office.

COMPILATION REPORT  
TO ACCOMPANY  
SHEET NO. T-8385

Project C.S. 290

GENERAL

Nine lens field prints Nos. 11652 and 11653 were used in the making of additions and corrections on the sheet.

All detailing in MacDill field area was done by holding existing detail on the compilation. All other detailing was taken from a topographic sheet done by the field edit party.

There are only two contours on the sheet, one 20 and one 40 feet. These contours are in the southeast corner of the sheet.

All lights and beacons in Hillsborough Bay were plotted from positions furnished by the U. S. Engineer's office, with the exception of 9 lights and beacons south of U. S. Quarantine station. Fourteen lights and beacons east of MacDill Field boat basin, and Long Shoal Beacon northeast of boat basin. Light 2 at mouth of dredged channel, Alafia river, was plotted on old compilation and no check has been made by the field edit party.

[8 and  
1 Lt  
10 and  
4 Lt

All non-floating aids to navigation have been listed on the attached forms 567.

All roads within U. S. Phosphoric Company are classified as 4P unless otherwise marked.

Photographs used in the compilation were very clear but scale was bad.

Precinct boundaries and military reservation boundaries are shown on the overlay.

Respectfully submitted,

*Vincent F. Simmons*

Vincent F. Simmons,  
Photogrammetric Aid

Forwarded by:

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

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

List of Permanent (Non-Floating)  
Aids to Navigation  
Sheet 7-6385

LANDMARKS FOR CHARTS

**TO BE CHARTED**  
**TO BE DELETED**

STRIKE OUT ONE

Thompson, Florida

March 25, 1945, 19

I recommend that the following objects which have ~~(have not)~~ 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.

Kenneth G. Crosby

Chief of Party

GENERAL LOCALITY	NAME AND DESCRIPTION	LATITUDE		POSITION		D. M. METERS	D. P. METERS	DATUM	METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		0	1	0	1									
Florida, Tampa Bay														
	Beacon (U.S. Quarantine Station)	27 49	278	82 29	92	1937	1937	Table	1945	X	X	X	537	1257
	"	27 49	208	82 29	131	"	"	"	"	"	X	X	"	"
	"	27 49	133	82 29	138	"	"	"	"	"	X	X	"	"
	"	27 49	50	82 29	98	"	"	"	"	"	X	X	"	"
	"	27 49	1011	82 29	136	"	"	"	"	"	X	X	"	"
	"	27 49	1759	82 29	90	"	"	"	"	"	X	X	"	"
	"	27 49	1007	82 29	90	"	"	"	"	"	X	X	"	"
	"	27 49	1529	82 29	134	"	"	"	"	"	X	X	"	"
	"	27 49	1317	82 29	82	"	"	"	"	"	X	X	"	"
	"	27 51	595	82 27	656	"	"	"	"	"	X	X	"	"
	Beacon 2	27 51	794	82 27	1230	"	"	"	"	"	X	X	"	"
	"	27 51	722	82 27	1250	"	"	"	"	"	X	X	"	"
	"	27 51	908	82 26	104	"	"	"	"	"	X	X	"	"

*Go down to light*  
*from put in table*

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.

List of Permanent (Non-Floating)  
DEPARTMENT OF COMMERCE Aids to Navigation  
U. S. COAST AND GEODETIC SURVEY Sheet 7-6385

LANDMARKS FOR CHARTS

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

I recommend that the following objects which have ~~(have not)~~ 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.

Tampa, Florida

March 25, 1943, 19

Kenneth G. Crosby

Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION		DATUM	METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE	LONGITUDE							
		0	1	D. M. METERS	0	1	D. P. METERS			
	Bacon 5	27 51	035	02 28	206	N.T. Table	1943	X		567 1257
	" 7	27 51	072	02 29	036	"	"	X		"
	Light 8 (Trent Range)	27 51	1045	02 29	1034	"	"	X		"
	Bacon 9	27 51	075	02 29	1153	"	"	X		"
	Light 10	27 51	031	02 28	1208	"	"	X		"
	Bacon 11	27 51	770	02 28	1252	"	"	X		"
	" 12	27 51	030	02 29	1350	"	"	X		"
	" 13	27 51	016	02 29	1264	"	"	X		"
	" 14	27 51	033	02 29	1450	"	"	X		"
	Light (Bear Range)	27 51	1107	02 28	1302	"	"	X		"
	Bacon (Long Shoal)	27 52	676	02 27	042	"	"	X		"
	Hillsboro "10" Light	27 50	1307	02 26	1037	"	"	X		"

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

List of Permanent (Non-Floating)  
Aids to Navigation  
Sheet T-8585

LANDMARKS FOR CHARTS

C.L. - 353 - 1943

~~TO BE CHARTED~~ } STRIKE OUT ONE

Tampa, Florida

Feb. 20, 1943

19

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

The positions given have been checked after listing.

Lieut. Comdr. Kenneth G. Crosby

Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	LATITUDE		LONGITUDE		DATUM	METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		0	1	D. M. METERS	0							
Florida, Tampa Bay	Cadeau Pt. Shoal Bu	27	47	1301	82	28	1439	N.A. 1927	Triangulation	1942		857 1407
	Hillsboro Cut "C" Rear Light	27	47	1813	82	26	1599	"	"	"		"
	Hillsboro 2 Light	27	48	556 558	82	27	923	"	"	"		"
	Hillsboro 3 Light	27	48	692	82	27	1074	"	"	"		"
	Hillsboro 2A Light	27	48	930	82	27	546	"	"	"		"
	Hillsboro 3 Light	27	48	1038	82	27	416	"	"	"		"
	Hillsboro 7 Light	27	48	1571	82	27	46	"	"	"		"
	Hillsboro Cut "D" Bowd Range Front Light	27	48	1129 <sup>5</sup>	82	26	1479	"	"	"		"
	Hillsboro Cut "A" Range Front	27	48	1331 <sup>1331</sup>	82	26	1583	"	"	"		Yankee Sealed from Massachusetts R. Jones
	Hillsboro Cut "B" Range Front 6	27	48	1711	82	26	1582	"	"	"		"
	Hillsboro 11 Light	27	48	1785	82	26	1407	"	"	"		"
	Hillsboro Cut "E" Range Rear	27	49	336	82	26	978	"	"	"		"
	Hillsboro 6 A Light	27	49	1477 1485	82	26	1176 1202	"	Pine Table	1943		"

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 sea and not by individual field survey sheets. Information under each column heading should be given.

29 KTA

POST-OFFICE ADDRESS: 1101 E. Broadway  
Tampa, 5, Florida

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

826

1944 APR 19 PM 3:30

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

April 17, 1944

*Swanson*  
*Put this letter in the disc. report. Put warning note on fold edit about that sheet has been reprinted.*  
*omit topo stations for which we do not have positions. go over with Willmann to see if drawing can be corrected.*

To: The Director  
U. S. Coast & Geodetic Survey  
Washington, 25, D. C.

From: Lieut. Comdr. L. W. Swanson  
Tampa Photogrammetric Office  
Tampa, 5, Florida

Subject: Sheet T-8385 (Gadsden Point)

Sheet T-8385 is being returned to the Washington Office today. Most of the detail south of the Alafia River has been revised to agree with the main radial plot, which was recently run to cover the 1:20,000 quadrangles in this area, and the later photographs.

Due to lack of time needed to correct the positions of the topographic stations in the revised area, these stations have been removed from the sheet. In the near future, after the radial plots for the War Mapping quadrangles have been completed, these stations will be relocated on the 1:10,000 scale sheets and their corrected positions will be furnished.

As the recent work on this sheet has been mostly the shifting of detail, no descriptive report is being submitted.

Two copies of prints showing a new instrument landing runway and dispersal areas at Mac Dill Field are being mailed with the sheet. This runway falls on the Port Tampa quadrangle (T-8386) to the west of T-8385.

*L. W. Swanson*  
L. W. Swanson,  
Lieut. Comdr.,  
U. S. C. & G. S.

*has been printed*  
*KTA*

*Topo stations left on map, for wh. no fms 524 were found at time of registration:*

*RUT  
KIT  
FISH AZ MK*

*4 Oct 1944*

*475*



T.8385

NO I.

Remarks

Decisions

	Remarks	Decisions
1		277824
2		"
3		"
4		"
5		"
6		"
7		"
8		"
9		278823
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

NO I. Survey No. T 8385

New 7 1/2" Quad. "Gadsden Point" 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>Mangrove Point</u>									1
<u>Pelican Cove</u>									2
<u>Hunter Pass</u>									3
<u>Double Bayou Pass</u>	✓		✓						4
<u>Wolf Branch</u>	✓		✓						5
<u>Newman Branch</u>	✓		✓						6
<u>Big Bend</u>	✓		✓						7
<u>Jackson Branch</u>	✓		✓						8
<u>Sims Branch</u>	✓		✓						9
<u>Adamsville</u>	✓		✓						10
<u>The Kitchen</u>	✓		✓						11
<u>Oyster Bars</u>									12
<u>Dug Creek</u>	✓		✓						13
<u>Kitchen Branch</u>	✓		✓						14
<u>Hog and Hominy Cove</u>	✓		✓						15
<u>Gardenville</u>	✓		✓						16
<u>Remlap</u>	✓		✓						17
<u>Bullfrog Creek</u>	✓		✓						18
<u>Gardenville Beach</u>	✓		✓						19
<u>Whiskey Stamp Key</u>	✓		✓						20
<u>Green Key</u>	✓		✓						21
<u>South Channel</u>	✓		✓						22
<u>Alafia River</u>	✓		✓						23
<u>Gibsonton</u>	✓		✓						24
<u>East Tampa</u>	✓		✓						25
<del>Hillsboro Bay</del>			✓						26
<u>Pine Key</u>	✓		✓						27

Hillsborough Bay

Remarks

Decisions

	Remarks	Decisions
1		278824
2		"
3		"
4		"
5		"
6		"
7		"
9		"
10		
11		
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27		

GEOGRAPHIC NAMES

Survey No. T.8385

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>Long Shoal Len</u>									1
<u>Long Bar</u>									2
<del>Fort Tampa</del>									3
<u>Catfish Point</u>	✓		✓						4
<u>Gadsden Point</u>	✓		✓						5
<u>U.S. Quarantine Station</u>	✓		✓						6
<u>MacDill Field</u>	✓		✓						7
									8
<u>U.S. Highway No 54I</u>			✓						9
<u>Florida State Highway No. 23</u>			✓						10
<u>Atlantic Coast Line R.R.</u>			✓						11
									12
									13
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									20
									21
									22
									23
									24
									25
									26
									27

Names underlined in red approved  
by W.F.M. on 7-5-43

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T- 8385

GADSEEN POINT 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

No horizontal accuracy test was made in this map area.

Vertical Accuracy: See page 6 of Field Edit & Field Inspection Report.

The map is within the limits of required accuracy.

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-1408a	1/20000	1875	T-4201	1/20000	1926
T-1411a	1/20000	1876	T-4202	1/20000	1926

U.S.G.S. Tampa, Fla. 1/62500 1912. Superseded completely, except for the 10-foot contour.

Comparison with Nautical Charts Nos. 587 1/40000 Apr.1943

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:

The positions of 19 beacons and 24 lights have been submitted on form 567 as a check to the present plotted positions on the charts.

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

Review report written from notes left by reviewer. LTS

Reviewed \_\_\_\_\_ By Jack Rehn  
under direction of D. H. Benson 28 May, 1943

Inspected by B. G. Jones B. G. Jones

Examined and approved:

[Signature]  
Chief, ~~Surveys Branch~~

[Signature]  
Chief, Div. of Charts

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

W. M. Sciple  
Chief, Div. of Coastal  
Surveys

Supplementary Review - T-8385

This quadrangle was compiled from planimetric maps of the area, using the compilation of planimetric sheets as a base on which topography and field edit were added by planetable methods. This was done prior to the review of the planimetric sheets which were used. The original quadrangle was then reviewed; however, no 1:20,000 scale photographs were available to the reviewer at that time, hence no check could be made on the radial plot.

Subsequently, during the review of the planimetric sheet which covered a part of T-8385 it was discovered that the radial plot for that sheet was not of required accuracy. Therefore, the planimetric sheets involved and the manuscript of T-8385 were returned to the Tampa Office. Their T-8385 was replotted and "tied in" to a new plot covering the area to the east of this sheet. The details of that part of T-8385 which were not in correct position were re-drafted in their correct positions. The area thus revised and changed includes all that part of the quadrangle east of Tampa Bay and south of the Alafia River.

This "supplementary review" covers only that part of the quad in which revisions were made. No check was made on the radial plot, since the office prints of the photographs were not available, but the detailing was checked by comparison with field prints of the 1:20,000 scale photographs. Numerous changes were made by this reviewer, chiefly in the limits of vegetation. In making these changes the planimetric maps were used as a guide, since there was no thorough field inspection of the area other than that which had been made for the planimetric surveys. Changes made during the review are shown on the manuscript in green acetate ink.

The woodland overlay was revised to agree with the changes on the manuscript; also, the areas of scattered trees and brush, not previously included on the overlay, were added to conform to current practice.

The several topo stations affected by the revision of the radial plot were removed from the control overlay (see letter of 4-17-44 from L.W. Swanson, with notes added by B.G. Jones - this letter is included in the Descriptive Report folder). *Attached to Descriptive Report.*

Other than the work mentioned above, and the checking of junctions on the E and S of T-8385, no further review was made at this time. All other steps in the usual review were completed in the original review.

Reviewed by:

L. V. Evans May 16, 1944 *KAM*

## 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.

