

5883

CC-MY-D

5883

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Air Photo. Compilation
Field No.	Office No. T-5883
LOCALITY	
State	Florida
General locality	Caloosahatchee River
Locality	Vicinity of Fort Myers
9 Lens Photos <u>12/13/39 and 11/12/42</u>	
<u>1943</u>	
CHIEF OF PARTY	
Lieut. Comdr. Kenneth G. Crosby	
LIBRARY & ARCHIVES	
DATE <u>Dec 27-1946</u>	

applied to ch. 1289 9/1/43 STE

DATA RECORD

T- 5883

Quadrangle (II):

Project No. (II):

Field Office: Tampa, Florida Chief of Party: K. G. Crosby

Compilation Office: Tampa, Fla. Chief of Party: K. G. Crosby

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

Completed survey received in office: 6/10/43

Reported to Nautical Chart Section: 1/26/45

Reviewed: 2/27/46 Applied to chart No. Date:

Redrafting Completed: 6/26/46

Registered: 12/46 Published: 11/46

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): RUSSEL, 1927, 1934

Lat.: 25° 40' 51.610 (1588.3 m.) Long.: 81° 49' 21.999 (608.3 m.) Adjusted
Unadjusted

State Plane Coordinates (VI):

West Zone

X = 557,870.18 FT. Y = 853,219.84

Military Grid Zone (VI)

X = 627,382.24 East Zone
Y = 218,647.92

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
4236	12/13/39	10:48 A.M.	1:10,000	- 0.2
4237	"	10:48	"	- 0.2
4238	"	10:49	"	- 0.2
4239	"	10:49	"	- 0.2
11566	11/12/42	11:00	"	- 0.4

Tide from (III): Fort Myers - Caloosahatchee River - Reference Station
TAMPA BAY

Mean Range: 0.7 ft. Spring Range: 0.9 ft.

Camera: (Kind or source) USC&GS 9 lens (8½" focal length)

Field Inspection by: H.A.Duffy, Prin.Photo.Aid date: Jan.-Feb.
1943

Field Edit by: date:

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

Projection and Grids ruled by (III) J.O'N. Wash.Offc. date: 2-5-43

" " " checked by: W.D.H. " " date: 2-9-43

Control plotted by: K.G.Crosby, Chief of Party date: 2-17-43

Control checked by: E.M.Bower, Photo. Aid date: 2-17-43

Radial Plot by: Tampa Office Personnel date: 2-24-43

Detailed by: R. Dossett, Prin. Photo. Aid date: Apr.-May
1943

Reviewed in compilation office by: A.L.Kidwell, Jr. Topo. Engr. date: May 1943

Elevations on Field Edit Sheet
checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 23.1

Shoreline (More than 200 meters to opposite shore): 8.05

Shoreline (Less than 200 meters to opposite shore): 134

Number of Recoverable Topographic Stations established: 11

Number of Temporary Hydrographic Stations located by radial plot: 25

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-5883

Project 242-D

CONTROL

Triangulation Station LOOSA, 1927 could not be held to. Its position on the photographs was out on the wing which made accurate picking difficult. A small triangle was formed by the radial cuts at the station and it was not of much value in cutting in additional radial points.

No geographic position was available for U.S.E. stations Isle, 1931 and Beau, 1931. They have been located on the sheet by radial line intersection and shown as H & T Stations.

Other stations used for control on this sheet are as follows: Coast and Geodetic Survey triangulations BUCKINGHAM, 1937, HALGRIM, 1937, RUSSEL 1927, and C.&G.S. and State Survey traverse station AF-16, 1934.

MAIN RADIAL PLOT

Discussion of the main radial plot which includes this sheet has been made a part of the descriptive report for Sheet T-5888.

DETAILING:

The detailing of this sheet has been done according to the current instructions for this project.

Field inspection notes were plentiful throughout the sheet.

All photographs, with the exception of 11566, were generally clear and of good scale.

Photograph 11566 was of poor scale and not clear, especially in the vicinity of the A.C.L. RR bridge. This photograph is of a 1942 flight and some minor changes of detail were noted.

Photographs 4236, 4237, 4238 and 4239 were flown in 1939 and were used for the most of the detailing, 11566 being used to detect any detail changes that may have occurred during the period from 1939 to 1942.

SUPPLEMENTAL DATA

No supplemental data was available.

LANDMARKS AND AIDS TO NAVIGATION

The non-floating aids appearing on this sheet have been listed on form 567 and made a part of this report.

Chart Letter 314 - 43

BB

HYDROGRAPHIC CONTROL

Twenty-five unmarked hydrographic stations, bearing a short description, appear within the tracing limits of this sheet:

The following marked hydrographic stations also appear:

<u>STATION</u>	<u>DATE</u>	<u>ESTABLISHED BY</u>
Hex	1943	K. G. Crosby
Hoo	"	"
Dum	"	"
Gab	"	"
Zoo	"	"
Eva	"	"

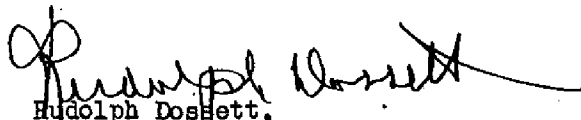
COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

No topographic Quadrangle was available for comparison.


COMPARISON WITH NAUTICAL CHARTS

No nautical chart of the area was available for comparison.

Respectfully submitted,


Rudolph Dossett,
Prin. Photogrammetric Aid

Forwarded by:


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

Remarks.

Decisions

1		266817 USGB
2		"
3		266818
4		"
5		"
6		267818
7		"
8	In Names Report and various road maps the name is Halgrim, not: Halgrin as on compilation	267817
9		"
10		"
11		U.S.G.B.
12		266818
13		Railway Guide
14		"
15		Road Maps
16	This number not found on any road maps, but presumably correct if so reported by field party.	
17		
18		266817
19		267818
20		266818 U.S.G.B.
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-5883

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	
Orange River ✓	✓								1
Thompson Cutoff ✓	✓								2
Buzzard Roost ✓	✓								3
Beautiful Island ✓	✓								4
Tice ✓	✓								5
Stroud Creek ✓	✓								6
Popash Creek ✓	✓								7
Halgrim Landing ✓	✓								8
Trout Creek ✓	✓								9
Owl Creek ✓	✓								10
Caloosahatchee River ✓	✓								11
East Fort Myers ✓	✓	(applies to section of city near and east of long 81° 50')							12
Atlantic Coast Line R.R. ✓	✓								13
Seaboard Air Line Ry. ✓	✓								14
Fla. Highway No. 2 & 25						[Notes underlined in ed app.]			15
Fla. Highway No. 317						by Heck on 8/6/43			16
									17
Buckingham ✓		(used in direction note)							18
Bayshore ✓	("	"	")				19
Fort Myers ✓	("	"	")				20
La Belle	("	"	")				21
									22
									23
									24
									25
									26
									27

Division of Photogrammetry
Review of Planimetric Map T-5883

Radial Plot:

The radial plot is discussed in detail in descriptive report T-5888. It appears to have been adequate within the limits of T-5883.

Field Inspection and Detailing:

Field inspection was adequate and the detailing complete. Only changes of a minor nature have been made during the review.

Comparison with Nautical Charts:

T-5883 was applied to chart 1289 prior to this review. Changes made during the review are not of consequence to that chart.

T-5883 also covered^s parts of charts 473 and 1255 and shows numerous changes in cultural and natural features which should be incorporated on the charts.

S. V. Griffith

Reviewed under the direction of S. V. Griffith.

APPROVED:

B. G. Jones 11/46
B. G. Jones, Technical Asst.
Div. of Photogrammetry

H. C. Edmonson
Chief, Nautical Chart Branch
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

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

NAUTICAL CHARTS BRANCH

SURVEY NO. T5883

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.