

5854

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

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Air Photo Compilation  
(Planimetric)

Field No. HT-242-F Office No. T-5854

### LOCALITY

State Florida

General locality Florida West Coast

Locality Venice

194 4

CHIEF OF PARTY

R.L.Scheppe

LIBRARY & ARCHIVES

DATE April 25 - 1949

B-1870-1 (1)

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## DATA RECORD

T- 5854

Quadrangle (II): T-5854

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

Field Office: Tampa, Fla.

Chief of Party: Ray L. Schoppe

Compilation Office: Tampa, Fla.

Chief of Party: Ray L. Schoppe

Instructions dated (II III): 4/3/40

Copy filed in *Division of*  
Report No. ~~T~~ *(VI)**Photogrammetry Office file*

Completed survey received in office: 21 July 1944

Reported to Nautical Chart Section:

Reviewed: 17 Sept. 1945

Applied to chart No. 1256

Date: 10/16/45

Redrafting Completed: 11 Dec. 1946

Registered:

*April 1949*  
~~16 Sept 1948~~

Published: 17 Jan. 1947

Compilation Scale: 1:10,000

Published Scale: 1/10000

Scale Factor (III): 1.0

Geographic Datum (III): N. A. 1927

Datum Plane (III): *H. W.*  
M. S. L.

Reference Station (III): VENICE, 1934

Lat.: 27°06'05.203"

(160.14 M.)

Long.: 82°27'35.375"

(974.48 M.)

Adjusted

~~Unadjusted~~State Plane Coordinates (VI): *Florida West Zone*

X = 350, 402.37

Y = 1, 006, 278.08

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
4262	12/13/39	11:40	1:10,000	+.38 ft.
4263	"	11:41	"	+.4 ft.
4264	"	11:42	"	+.42 ft.
4265	"	11:43	"	+.43 ft.
4154	12/12/39	10:01	"	+.2 ft.

Tide from (III): Sarasota Point

Mean Range: 1.3

Spring Range: 1.7

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

Field Inspection by: Harold A. Duffy

date: 2/2-25/44

Field Edit by:

date:

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

Projection and Grids ruled by (III) Washington Office date: 1/6/44

" " " checked by: " " date: 1/6/44

Control plotted by: Rudolph Dossett date: 3/30/44

Control checked by: J. L. White date: 3/30/44

Radial Plot by: Tampa Office Personnel

date: 5/23/44

Detailed by: Marie R. Blake

date: June, 1944

Reviewed in compilation office by: J.A.Giles, F.H.Elrod

date: July, 1944

Elevations on Field Edit-Sheet  
checked by:

date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 13.3

Shoreline (More than 200 meters to opposite shore): 13.2

Shoreline (Less than 200 meters to opposite shore): 2.3

Number of Recoverable Topographic Stations established: 8

Number of Temporary Hydrographic Stations located by radial plot: 0

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:

# Triangulation Stations

	V-45+73	(USE)	1938
1.	V-45+73	"	"
2.	V-70+45.61	"	"
3.	V-100+00	"	"
4.	V-187+80.3	"	"
5.	V-230+00	"	"
6.	V-252+40	"	"
7.	V-269+00	"	"

8. Venice 1934 (north of map limit)

COMPILATION REPORT  
TO ACCOMPANY  
SHEET NO. T-5854

26. CONTROL

~~Eight~~<sup>Seven</sup> control stations (all U.S.E.D.) fall within the tracing limits of this survey sheet. All could be held to for detailing.

27. MAIN RADIAL PLOT

A discussion of the main radial plot will be incorporated in the compilation report for Sheet No. T-5853.

28. DETAILING

Some difficulty was experienced in detailing from photographs 4263, 4264 and 4265 due to bad scale. Photographs 4153 and 4154 were very clear and of good scale.

To supplement the 1:10,000 photographs the projector and photostatic prints of the Venice Army Air Field and Quadrangle 8410 (Scale 1:20,000) were used.

Additional detail and change in detail is shown on Quadrangle 8410 because the quadrangle was compiled from more recent photographs. The additions and changes were transferred to T-5854 by use of the projector. See also Review Report, par. No. 44, section 4.

29. SUPPLEMENTAL DATA

Supplemental data consists of layout plans of the Venice Air Field by U. S. Army Engineers and quadrangle 8410 (Scale 1:20,000). Quadrangle 8410 was compiled by U. S. C. & G. S.

30. MEAN HIGH WATER LINE

The high water line shown on the field photographs was used by draftsman. This line was established by chained distances taken by the field inspector.

31. LANDMARKS AND AIDS TO NAVIGATION

No landmarks or aids to navigation appear on this sheet.

Forms 524 were submitted for  
the following stations.

V-38	1933	1944
M-38	"	"
E. Bdy Man Venice Air Base	1944	
NE "	"	"
SE "	"	"
100, SW "	"	"
144 "	"	"
LOP	"	"
100-ft Offset (USE)	1938	"
200-ft Offset	"	"

35. HYDROGRAPHIC CONTROL

This sheet has 5 marked H.&T. stations which can be recovered and used for hydrographic control. These are as follows: LOP, 1944; N.W. Boundary Monument, Venice Army Air Base, 1944; "10" S.W. Boundary Monument, 1944, 100' offset U.S.E. 1938, 200' offset U.S.E. 1938.

There are no unmarked hydrographic stations.

36. LANDING FIELDS AND AERONAUTICAL AIDS

Two airports appear on this sheet. The Venice Municipal Airport located east of Venice and the Venice Army Airport which is south of Venice.

A beacon and "a red light on a pole", both falling within the limits of the Venice Army Airport, are the only Aeronautical Aids.

These were located and pricked on the sheet by using the U. S. Army Engineers' layout plan and the projector.

Form 567 was not submitted for these aids since they were not recovered in the field.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

There are no topographic quadrangle maps available in the Tampa Office with which Sheet No. T-5854 could be compared.

45. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Nautical Chart No. 1256, published in 1938. This chart is of 1:80,000 scale, therefore, an accurate comparison could not be made. It was ascertained that there were no marked changes in shoreline.

Respectfully submitted,

*Marie R. Blake*  
Marie R. Blake,  
Asst. Engr. Draftsman.

Forwarded by:

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



# GEOGRAPHIC NAMES

Survey No. T-5854

GEOGRAPHIC NAMES											
Survey No. T-5854											
Name on Survey											

Names underlined in red approved

by L. Heck on 10/14/46

DIVISION OF PHOTOGRAMMETRY  
Review Report of  
Planimetric Map Manuscript T-5854

Subject numbers not used in the review report have been adequately covered in other parts of the Descriptive Report.

43. COMPARISON WITH PREVIOUS TOPOGRAPHIC SURVEYS

T-1518      1/20000      1883

44. COMPARISON WITH EXISTING QUADRANGLES:

U.S.C. & G.S.      Venice (T-8410)      1/31680      ed 1944

Differences between the quadrangle and T-5854:

1. Between Red Lake and the north end of Lemon Bay:

<u>Quad</u> Marsh	<u>T-5854</u> Scrub pine, palmetto, palm, mangrove.
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2. Seaboard Air Line (R.R.):

<u>Quad:</u> One short spur on west side of railway, near junction of Center Road and Tamiami Trail	<u>T-5854</u> Two short spurs at this point.
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3. Between Hatchett Creek and the Municipal Airport:

Marked difference in number and arrangement of  
buildings

4. There are some differences in shape and/or size of intermittent pond areas. A comparison between the photographs taken in 1939 and those taken in 1942 indicates that these differences are due to the compiler's interpretation rather than to differences in terrain.

5. Venice Army Air Base:

An airport beacon is delineated on T-5854, but is not shown on the quadrangle.

45. COMPARISON WITH NAUTICAL CHARTS

1256      1/80000      1938

1. The eastern extension of the Seaboard Air Line Railway is now abandoned.
2. A new Army Air Base has been constructed south of Venice.
3. A pursuit machine gun range and a machine gun range

on the map manuscript are not on the chart.

4. Additional inshore and inland detail is shown on the map manuscript.

46. APPLICATION TO CHARTS

T-5854 has not been applied to chart 1256 as of the date of this review.

Reviewed by:

Under the direction of  
R. M. Berry ✓ *K.H.M.*

*Lena T. Stevens*  
Lena T. Stevens, 17 Sept. 1945

APPROVED BY:

*B.G. Jones*  
Technical Assistant to the  
Chief, Div. of Photogrammetry

*H.C. Edmundson*  
Chief, Nautical Charts Branch,  
Division of Charts

*K.T. Adams*  
Chief, Div. of Photogrammetry

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

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-5854

### Record of Application to Charts

[illegible]

M-216B-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.