

9800

Diag. Cht. No. 1282.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC

Field No. Ph-60066 Office No. T-9800

LOCALITY

State TEXAS

General locality GALVESTON BAY

Locality EAGLE POINT

1960 - 1962

CHIEF OF PARTY

Joseph K. Wilson, Chief of Party 720
V. Ralph Sobieralski, Tampa District Off.

LIBRARY & ARCHIVES

DATE January 1965

USCOMM-DC 5087

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DESCRIPTIVE REPORT - DATA RECORD

T-9800

Project No. (II): **PH-6006**

Quadrangle Name (IV):

Field Office (II): **Texas City, Texas**

Chief of Party: **Joseph K. Wilson**

Photogrammetric Office (III): **Tampa, Florida**

Officer-in-Charge: **V. R. Sobleralski**

Instructions dated (II) (III): **Field & Office (732ms) not dated**
(rec'd Sept. 1960)

Copy filed in Division of
Photogrammetry (IV)

Amendment " " Feb. 14, 1961

Method of Compilation (III): **Kelsh Plotter**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III): **1:6,000**

Scale Factor (III): **Pantographed to 1:10,000**

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N. A. 1927**

Vertical Datum (III): **MHW**

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): **Eagle Point 1932**

Lat.: **29°29'44.734" (1377.3 m)** Long.: **94°54'36.921 (994.5 m)**

Adjusted
~~Uncorrected~~

Plane Coordinates (IV):

State: **Texas**

Zone: **So. Central**

Y= **627,185.60 FT.**

X= **3,300,713.34 FT.**

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

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

DESCRIPTIVE REPORT - DATA RECORD

PLANIMETRIC

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **Matthew A. Stewart** Date: **April 1961**

Planetable contouring by (II): **Inapplicable** Date:

Completion Surveys by (II): *J.H. Blumer* Date: *Dec 1962*

Mean High Water Location (III) (State date and method of location): **Date of Photography: Sept. 16 and 17, 1960**
Air photo compilation

Projection and Grids ruled by (IV): **JDC (W.O.)** Date: **June 1961**

Projection and Grids checked by (IV): **JF (W.O.)** Date: " "

Control plotted by (III): **I. I. Saperstein** Date: **Sept. 1961**

Control checked by (III): **R. J. Pate** Date: **Sept. 1961**

~~Rectified~~ Stereoscopic Date: **Oct. 1961**

Control extension by (III): **B. F. Lampton (W.O.)**

Planimetry **R. E. Smith** Date: **Nov. 1961**

Stereoscopic Instrument compilation (III): ~~Control~~ Date:

Manuscript delineated by (III): **R. E. Smith** Date: **Nov. 1961**

of compilation
Photogrammetric Office Review ~~by~~ (III): **W. H. Shearouse** Date: **Nov. 1961**

Elevations on Manuscript
checked by (II) (III): **Inapplicable** Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **Wild Single-lens "S"**

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
60-S-2010A	16 Sept. 1960	09:25	1:30,000 Diapositive	0.9
2011A	" " "	09:25	"	"
60-S-2293A	17 " "	14:58	"	"
2294A	" " "	14:59	"	"
2295A	" " "	14:59	"	"

Predicted Tide (III)

Reference Station: **Galveston**
Subordinate Station: **Texas City, Turning Basin**
Subordinate Station:

Diurnal

Ratio of Ranges	Mean Range	Spring Range
-	1.0	1.4
1.0	1.0	1.4

Washington Office Review by (IV):

Date:

Final Drafting by (IV): **R.E. Smith (Tampa District Office)**
Final drafting Reviewed: **W.H. Shearouse (TDO)**

Date: **Nov. 1961**
Dec. 1961

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **3**

Shoreline (~~Shoreline (Sq. Statute Miles) (III):~~): **8.8 Lin. Miles**

~~Shoreline (Sq. Statute Miles) (III):~~

Control Leveling - Miles (II): **Inapplicable**

Number of Triangulation Stations searched for (II): **8**

Recovered: **2**

Identified: **1**

Number of BMs searched for (II): **3**

Recovered: **2**

Identified: **1**

Number of Recoverable Photo Stations established (III): **None**

Number of Temporary Photo Hydro Stations established (III): **None**

Remarks:

FIELD INSPECTION REPORT
Map T-9800
Project Ph-6006

Please refer to the Field Inspection Report submitted with Map T-9799
for all information pertaining to this map.

Submitted,

William M. Reynolds

MAP T-9800

PROJECT NO. Ph-6006

SCALE OF MAP 1:10,000

SCALE FACTOR:

[illegible]

1 FT - 3040006 METER

COMPUTED BY: 115

DATE

5. 1961

CHECKED BY:

RP

DATE _____

Sept 8 61

COMM. DC. 57943

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COMPILATION REPORT
T-9800

PHOTOGRAMMETRIC PLOT REPORT

The analytic aerotriangulation bridge was run in the Washington Office. The report is submitted with T-9803.

31. DELINEATION

The Kelsh Plotter was used in delineation. Field inspection was adequate and no difficulty was encountered in the interpretation of the photographs.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline/^{inspection} was adequate. Alongshore details such as piers, bulkheads, etc. have been shown according to the field inspector's notes. No low-water line was shown.

36. OFFSHORE DETAILS

All offshore details have been shown according to the field inspection.

37. LANDMARKS AND AIDS

Form 567 for six aids to navigation was submitted to the Washington Office under date of May 2, 1962. There are no landmarks.

COMPILATION RECORD

COMPLETION DATE

REMARKS

Compiled	Nov. 1961	superseded
Compilation complete Alongshore area revised from field edit	Oct. 1963	

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made with T-9799 to the west, T-9802 to the south, T-9798 to the north. Open water is to the east, as is T-10784, scale 1:20,000 of Ph-5910.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS TEXAS CITY quadrangle, scale 1:24,000 edition of 1954. The comparison is favorable except for Shell Island, which no longer exists. Also there are some new spoil islets between Edwards point and Miller point.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1282 scale 1:80,000 edition of Aug. 1, 1960 revised Jan. 23, 1961, corrected to Feb. 1961. Same differences exist as listed under item 46.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith, Carto-photo Aid

Approved and Forwarded

V. Ralph Sobieralski
Tampa District Officer

49. NOTES FOR THE HYDROGRAPHER

Attention is called to the fact that the Nov. 1961 compilation of this map was done from photographs taken and field inspection done before hurricane CARLA of September 11, 1961.

FORM 182 (9-61)		PHOTOGRAMMETRIC OFFICE REVIEW OF T- 9800 <i>Completion</i> MANUSCRIPT		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.		1a. Classification label unclassified			
1. PROJECTION AND GRIDS WBS		2. TITLE WBS		3. MANUSCRIPT NUMBERS WBS	
4. MANUSCRIPT SIZE WBS		5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY WBS		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) XX	
CONTROL STATIONS		7. PHOTO HYDRO STATIONS XX		8. BENCH MARKS WBS	
		9. PLOTTING OF SEXTANT FIXES WBS		10. PHOTOGRAMMETRIC PLOT REPORT W.O.	
		11. DETAIL POINTS R.J.P.			
ALONGSHORE AREAS (Nautical Chart Data)		12. SHORELINE WBS		13. LOW-WATER LINE XX	
		14. ROCKS, SHOALS, ETC. WBS		15. BRIDGES XX	
		16. AIDS TO NAVIGATION WBS		17. LANDMARKS XX	
		18. OTHER ALONGSHORE PHYSICAL FEATURES WBS			
		19. OTHER ALONGSHORE CULTURAL FEATURES WBS			
PHYSICAL FEATURES		20. WATER FEATURES WBS		21. NATURAL GROUND COVER WBS	
		22. PLANETABLE CONTOURS XX		23. STEREOSCOPIC INSTRUMENT CONTOURS XX	
		24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX	
		26. OTHER PHYSICAL FEATURES WBS			
CULTURAL FEATURES		27. ROADS WBS		28. BUILDINGS WBS	
		29. RAILROADS XX		30. OTHER CULTURAL FEATURES WBS	
BOUNDARIES		31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX	
MISCELLANEOUS		33. GEOGRAPHIC NAMES WBS		34. JUNCTIONS WBS	
		35. LEGIBILITY OF THE MANUSCRIPT WBS		36. DISCREPANCY OVERLAY XX	
		37. DESCRIPTIVE REPORT WBS		38. FIELD INSPECTION PHOTOGRAPHS WBS	
		39. FORMS WBS		SIGNATURE OF REVIEWER William H. Shearouse	
		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT Milton M. Slavney		40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT-Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.	
SIGNATURE OF COMPILER J. Honick		SIGNATURE OF SUPERVISOR Milton M. Slavney			

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FIELD EDIT REPORT T-9800
(Shoreline)

51. METHODS

The shoreline was inspected by truck, skiff and walking. The distance to the MHWL was spot checked at intervals from points of known location and found to be correct and adequate.

Corrections and additions to the manuscript have been noted on the field edit sheets in red. Deletions are shown in green.

All additions and deletions were compiled on the milar advance manuscript furnished this unit. This was done for the benefit of the East Coast Field Party.

The changes were then transferred to the field edit sheet included with this report.

52. ADEQUACY OF COMPILATION

The map compilation appears complete and adequate with the exception of the corrections and additions shown on the ozalid field edit sheet.

53. MAP ACCURACY

The accuracy of the map compilation appears to be complete and adequate.

54. RECOMMENDATIONS

There are no recommendations.

55. EXAMINATION OF PROOF COPY

No one was contacted to examine a proof copy of the map.

James H. Blumer
LTJG CAGS
Photo Hydro Party 723

GEOGRAPHIC NAMES

T-9800 (Eagle ^{Point} ~~Lake~~)

April Fool Point

Dickenson Bay

Eagle Point

Factory Bayou

Galveston Bay

Miller Point

Moses Lake

Red Top Camp

San Leon

Shell Island

Shell Point

A. J. Wraight

A. J. Wraight
Geographic Names

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Review Report
of Planimetric Maps

T-9793 thru T-9804 and T-10886

August 1964

61. General Statement

This project is a continuation of mapping Project PH-5910 (21024). It completes our modern base mapping along the western side of Galveston Bay for nautical and aeronautical charting programs.

62. Comparison with Registered Topographic Surveys

T-283	1:20,000	1850
T-298	1:20,000	1850
T-4860	1:20,000	1933
T-4867	1:20,000	1934
T-6051	1:10,000	1934
T-8944	1:10,000	1947

Cultural and shoreline changes have been continuous with extensive cultural changes in the urban areas. These maps are to supersede the above surveys for common area for nautical charting.

63. Comparison with Maps of Other Agencies

Texas City	1:24,000	1954
La Porte	1:24,000	1955
League City	1:24,000	1955
Bacliff	1:24,000	1956
Virginia Point	1:24,000	1956

There are cultural and shoreline differences but, in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

H-8693	1:10,000	1962
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* Shoreline and control was furnished prior to hydrography and no changes of importance have been made.

~~For correct pos. of Dickinson Bayou Channel Lights Nos. 2 and 14 see H-8693 (1962)~~

* Refer to addendum to the Review Report (page 18)
and Form 567 (page 20)

65. Comparison with Nautical Charts

588	1:10,000	1964
886	1:40,000	1963
1282	1:80,000	1963 revised to May 1964

Differences exist. However, there are no items to be applied immediately.

66. Adequacy of Results and Future Surveys

These surveys were prepared according to project instructions and are within the requirements for adequacy and accuracy.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles L. Lamm
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

J. E. Waugh 1/26/65
Chief, Photogrammetry Division

REVIEW REPORT

Addendum

T-9800

The date of this survey is 1960-1962. Final review was completed in 1964.

Discrepancies - in the location of aids to navigation - between the subject survey and contemporary hydrographic survey H-8693 were reported to the Photogrammetry, Quality Control and Review Group by the hydrographic survey reviewer in 1966.

Three aids to navigation (lts. 2 and 14 and daybn. 5) have been replotted on the photogrammetric survey. The surveys are now in agreement. A Form 567 has been completed reflecting the current mapped positions of all aids on the map. A copy of the form has been furnished the Marine Charts Division. The form was not previously a part of the Descriptive Report.

S. G. Blankenbaker

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT TWO

July 11, 1966

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 by S. G. Blankenbaker

Chief of Party:

STATE Texas (T-9800)		SIGNAL NAME	DESCRIPTION	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
CHARTING NAME	LATITUDE*			LONGITUDE*		DATUM										
				D.M. METERS	G.P. METERS											
	Dickinson Bayou Channel															
LT	LT. 2, 1962	29 27	45.058	94 53	49.820	N.A.	1927	Tri - ang.	1962							
	Dickinson Bayou Channel															
LT	LT. 14, 1962	29 27	24.389	94 55	15.506	"	"	"	"							
	Dickinson Bayou Channel															
DAYBN	Daybn. 5, 1962	29 27	1107.6	94 54	198.8	"	"	H-8693	"							
	Dickinson Bayou Channel							Plane-table								
DAYBN	Daybn. 17, 1962	29 27	918.3	94 55	1022.8	"	"	T-9800	1962							
	Dickinson Bayou Channel							Photo plot								
DAYBN	Daybn. 19, 1961	29 27	36.90	94 55	54.89	"	"	T-9800	1962							
	Dickinson Bayou Channel															
DAYBN	Daybn. 21, 1961	29 27	1136.0	94 55	1479	"	"	"	"							
	Dickinson Bayou Channel															
		29 27	44.50	94 56	13.32	"	"	"	"							
		29 27	1370	94 56	359	"	"	"	"							

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating* aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. 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.

*** TABULATE SECONDS AND METERS**