

9794

ORIGINAL

Diag. Cht. No. 1282.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey PLANIMETRICField No. Ph-6006 Office No. T-9794

LOCALITY

State TEXASGeneral locality GALVESTON BAYLocality TAYLOR LAKE1960-1963

CHIEF OF PARTY

Joseph K. Wilson, Chief of Field Party
V. Ralph Sobieralski, Tampa District Officer

LIBRARY & ARCHIVES

DATE January 1965

USCOMM-DC 5087

9794

DESCRIPTIVE REPORT - DATA RECORD

T - 9794

PROJECT NO. (II):

PH-6006

FIELD OFFICE (III):

Texas City, Texas

CHIEF OF PARTY

Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):

Tampa District Office

OFFICER-IN-CHARGE

V. Ralph Sobieralski

INSTRUCTIONS DATED (II) (III):

Field & Office (732ms) - not dated (received Sept. 30, 1960)

Amendment Field & Office - February 14, 1961

METHOD OF COMPILATION (III):

Kelsh plotter

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:6,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (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):

CLUB 2, 1941

LAT.:

29°37'00.851" (26.2 m.)

LONG.:

95°00'00.244" (06.6 m.)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

= 670,220.19 ft.

x = 3,270,654.34 ft.

STATE

TEXAS

ZONE

SOUTH
CENTRALROMAN 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

FIELD INSPECTION BY (II): M. A. Stewart		DATE: February 1961
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Date of photography - September 16, 1960 Air photo compilation <i>Field Edit - Varnadoe 1963 - Blumer 1962</i>		
PROJECTION AND GRIDS RULED BY (IV): J.D.C. (W.O.)		DATE June 1961
PROJECTION AND GRIDS CHECKED BY (IV): J.F. (W.O.)		DATE June 1961
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE September 1961
CONTROL CHECKED BY (III): R. J. Pate		DATE September 1961
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): B. F. Lampton (W.O.)		DATE
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY R. E. Smith Reviewed by: I. I. Saperstein	DATE July 1962
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): R. E. Smith Reviewed by: I. I. Saperstein		DATE July 1962
SCRIBING BY (III): P. W. Leikhim Reviewed by: W. H. Shearouse		DATE October 1962
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): W. H. Shearouse		DATE February 1963
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

WILD single-lens "S" camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60S-1944A	09-16-60	0822	1:30,000	Inapplicable
60S-1945A	"	0822	"	0.8
60S-1991A	"	0903	"	"
60S-1992A	"	0904	"	"

Predicted

TIDE (III)

		RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION:	GALVESTON	-	1.0	1.4
SUBORDINATE STATION:	MORGAN POINT	0.8	0.8	1.0
SUBORDINATE STATION:				
WASHINGTON OFFICE REVIEW BY (IV):		DATE:		
PROOF EDIT BY (IV):		DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	5	RECOVERED: 4	IDENTIFIED: 2	
NUMBER OF BM(S) SEARCHED FOR (II):	3	RECOVERED: 3	IDENTIFIED 1	
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 0				
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): 0				

REMARKS:

COMPILATION RECORD

COMPLETION DATE

REMARKS

Alongshore area for hydro	May 1962	superseded
Compiled from field inspection done prior to hurricane Carla of September 11, 1961	Sept. 1962	
Alongshore area revised from field edit. Compilation complete	April 1963	

PROJECT PH-6006

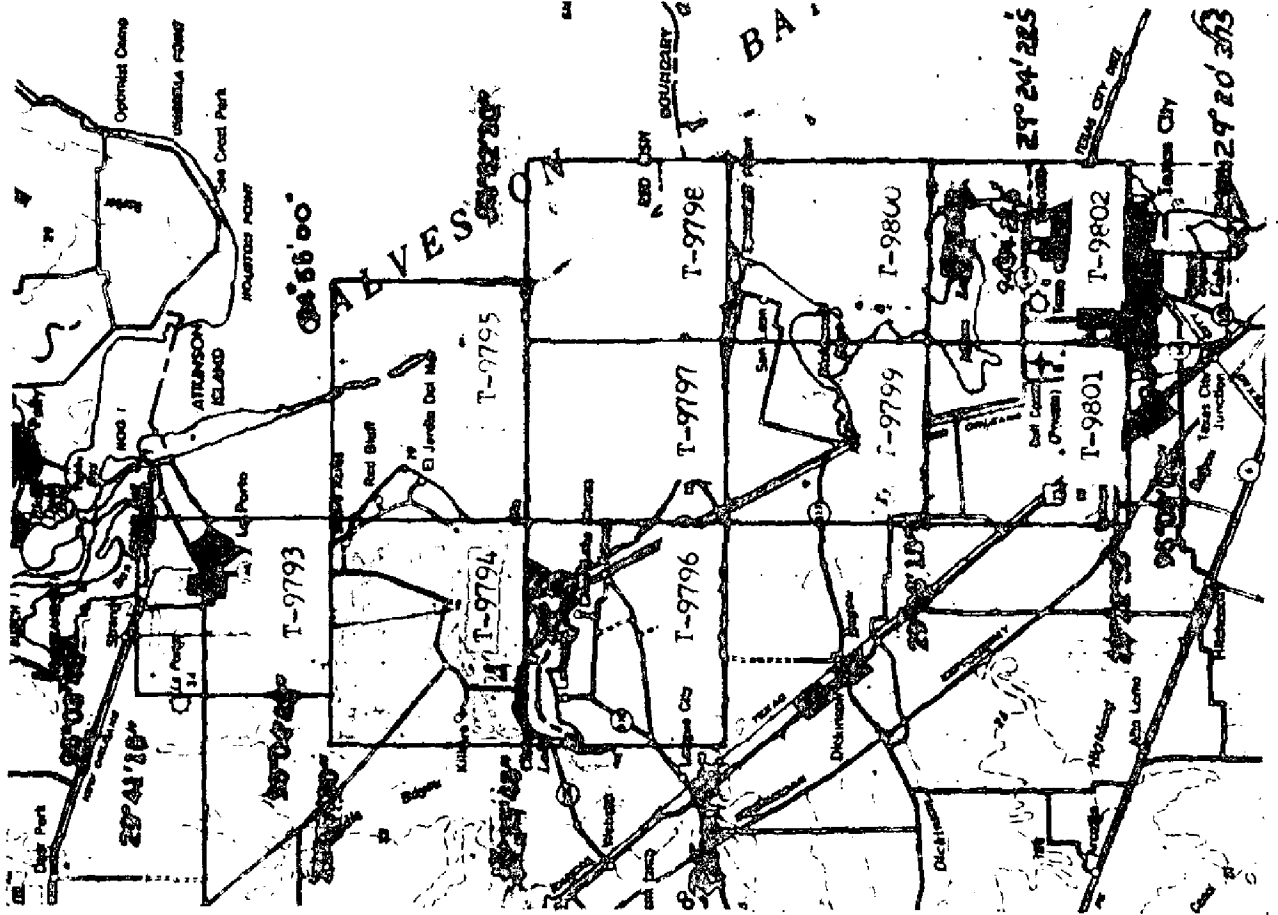
Planimetric Mapping
West Shore Galveston Bay

TEXAS

1:10,000 AND 1:5,000 SCALE

Official Mileage for Cost Accounts

Sheet Number	Area Sq. Mi.	Shoreline Linear Miles
9793	14	5.8
9794	18	7.2
9795	1.5	4.8
9796	15	10.1
9797	3	4.2
9798	3	6.5
9799	14.5	10.1
9800	3	8.8
9801	15.5	3.9
9802	10	10.1
9803	12.5	3.0
9804	9.5	14.0
10885	6.3	9.0
	<u>123.1</u>	<u>97.5</u>



PROJECT PH-6006
Map T-9794

Please refer to Field Inspection Report Submitted with map T-9793 for all information pertaining to this map.

Submitted,

William M. Reynolds
William M. Reynolds

SCALE FACTOR

1 FT = .3048006 METER
COMPUTED BY: 115
DATE Sept 5, 1961
CHECKED BY: RJP
DATE Sep 7, 61
CONV. DC-57843

COMPILATION REPORT T-9794

PHOTOGRAMMETRIC PLOT REPORT

The analytic areotriangulation bridge was run in the Washington Office.

See report submitted with T-9803.

31. DELINEATION

The Kelsh plotter was used.

The 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.

The shoreline, piers and bulkheads were delineated accordingly. No low-water or shoal lines were shown.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

Three landmarks and two aids to navigation have been listed on Form 567 and submitted to the Washington Office July 31, 1962.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made with T-9793 to the north, T-9795 to the east, T-9796 to the south. There is no contemporary survey to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS quadrangle "LEAGUE CITY", scale 1:24,000, edition of 1955. No substantial changes were noted. The abandoned airfield shown on the quadrangle was omitted because it is overgrown.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1282, 1:80,000 scale, edition of August 1, 1960, corrected to November 26, 1960. The chart appears to be in fairly good agreement with the manuscript.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith, Jr.
R. E. Smith, Jr.
Carto Photo Aid

APPROVED AND FORWARDED 24 APR 1963

V. Ralph Sobieralski
V. Ralph Sobieralski
Tampa District Officer

49. NOTES FOR THE HYDROGRAPHER

None.

FIELD EDIT REPORT
(Shoreline)
~~Quadrangle~~ T-9794

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.

The development along the north shore of Clear Lake was done by planetable. A plot plan was obtained from the developer and is included with the data, however it is noted that the construction differed from the plan.

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

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

52. ADEQUACY OF COMPILATION

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

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.

Submitted:

William A. Rasur
for James H. Blumer
LT.(jg) C&GS
Photo Hydro Party 723

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW T- 9794		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50.					
PROJECTION AND GRIDS WHS		2. TITLE WHS 4a Classification label <u>Unclassified</u>		3. MANUSCRIPT NUMBERS WHS	
		4. MANUSCRIPT SIZE WHS			
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY WHS		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) WHS		
	7. PHOTO HYDRO STATIONS XX	8. BENCH MARKS WHS	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT BRIDGE (W.O.)	
	11. DETAIL POINTS KELSH (R.E.S.)				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE WHS	13. LOW-WATER LINE XX	14. ROCKS, SHOALS, ETC. XX	15. BRIDGES WHS	
	16. AIDS TO NAVIGATION WHS	17. LANDMARKS WHS	18. OTHER ALONGSHORE PHYSICAL FEATURES WHS		
	19. OTHER ALONGSHORE CULTURAL FEATURES WHS				
PHYSICAL FEATURES	20. WATER FEATURES WHS		21. NATURAL GROUND COVER WHS		
	22. PLANETABLE CONTOURS XX		23. STEREOSCOPIC INSTRUMENT CONTOURS XX		
	24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		
	26. OTHER PHYSICAL FEATURES WHS				
CULTURAL FEATURES	27. ROADS WHS	28. BUILDINGS WHS	29. RAILROADS WHS		
	30. OTHER CULTURAL FEATURES WHS				
BOUNDARIES	31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX		
MISCELLANEOUS	33. GEOGRAPHIC NAMES WHS		34. JUNCTIONS WHS		
	35. LEGIBILITY OF THE MANUSCRIPT WHS	36. DISCREPANCY OVERLAY XX		37. DESCRIPTIVE REPORT WHS	
	38. FIELD INSPECTION PHOTOGRAPHS WHS		39. FORMS WHS		
	SIGNATURE OF REVIEWER <i>William H. Shearouse</i> William H. Shearouse		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>W. M. Slattery</i> W. M. Slattery		
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 <i>John H. Smith</i>			SIGNATURE OF SUPERVISOR <i>W. M. Slattery</i>		

USE REVERSE SIDE FOR REMARKS

GEOGRAPHIC NAMES

T-9794 (Taylor Lake)

Boggy Bayou

Camp Tejas

Clear Lake

Galveston Bay

Middle Bayou

Mud Lake

Seabrook

Shoreacres

Taylor Bayou

Taylor Lake

Todville

A. J. Wraight

A. J. Wraight
Geographic Names

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.

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 Henn
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

J. E. Waugh 1/13/65
Chief, Photogrammetry Division

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-9794

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]