

9797

Original

Diag. Cht. No. 1282.

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	PLANIMETRIC
Field No.	Ph-6006
Office No.	T-9797
LOCALITY	
State	TEXAS
General locality	GALVESTON BAY
Locality	BACLIF
1960 - 1962	
CHIEF OF PARTY	
Joseph K. Wilson, Chief of Field Party	
V.R. Sobieralski, Tampa District Officer	
LIBRARY & ARCHIVES	
DATE	February 1965

USCOMM-DC 5087

2626

DESCRIPTIVE REPORT - DATA RECORD

T - 9797

PROJECT NO. (II): PH-6006		
FIELD OFFICE (III): Texas City Texas		CHIEF OF PARTY J. K. Wilson
PHOTOGRAMMETRIC OFFICE (III): Tampa, Florida		OFFICER-IN-CHARGE V. Ralph Sobieralski
INSTRUCTIONS DATED (II) (III): Field and Office (732ms) not dated (received September 1960) Amendment Field and Office: February 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): CLIFTON, 1932-1960		
LAT.: 29°30'33.221" (1022.8m)	LONG.: 94°58'13.858" (373.2m)	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): y = 631,414.60Ft. x = 3,281,386.94Ft		STATE Texas
		ZONE So. Central
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.		

FORM C&GS-181b (12-61)		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT - DATA RECORD			
FIELD INSPECTION BY (II): M. A. Stewart		DATE: March 1961	
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Date of photography: Sept. 16, 1960 Air photo compilation <i>Field Edit Blumer 1962</i>			
PROJECTION AND GRIDS RULED BY (IV): J.D.C. (W.O.)		DATE June 1961	
PROJECTION AND GRIDS CHECKED BY (IV): " "		DATE " "	
CONTROL PLOTTED BY (III): I. I. Saperstein		DATE Sept. 1961	
CONTROL CHECKED BY (III): R. J. Pate		DATE " "	
RADIAL PLOT OF STEREOSCOPIC CONTROL EXTENSION BY (III): B. F. Lampton (W.O.)		DATE	
STEREOSCOPIC INSTRUMENT COMPILATION (III): R. E. Smith	PLANIMETRY R. E. Smith	DATE Nov. 1961	
	CONTOURS Inapplicable	DATE	
MANUSCRIPT DELINEATED BY (III): R. E. Smith		DATE Nov. 1961	
SCRIBING BY (III): R. E. Smith Reviewed by: W. H. Shearouse		DATE Aug. 1962 Sept. 1962	
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Compilation: W. H. Shearouse Drafting: " "		DATE Dec. 1962 Oct. 1962	
REMARKS:			

FORM C&GS-181c
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Wild Single lens "S"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60-S-2012A " 2013A	9/16/60 "	09:45 "	1:30,000 Dia- " positives	+ 0.9 "

Predicted TIDE (III)

Diurnal

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Galveston	-	1.0	1.4
SUBORDINATE STATION: Texas City Turning Basin	1.0	1.0	1.4
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV):

DATE:

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 2

RECOVERED:

IDENTIFIED: 1

NUMBER OF BM(S) SEARCHED FOR (II): 0

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 0

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): 0

REMARKS:

COMPILATION RECORD

COMPLETION DATE

REMARKS

Compiled from field inspection done prior to hurricane CARLA of Sept. 11, 1961	Dec. 1961	superseded
Compilation complete Alongshore area revised from field edit.	October 1963	

PROJECT PH-6006

Planimetric Mapping

West Shore Galveston Bay

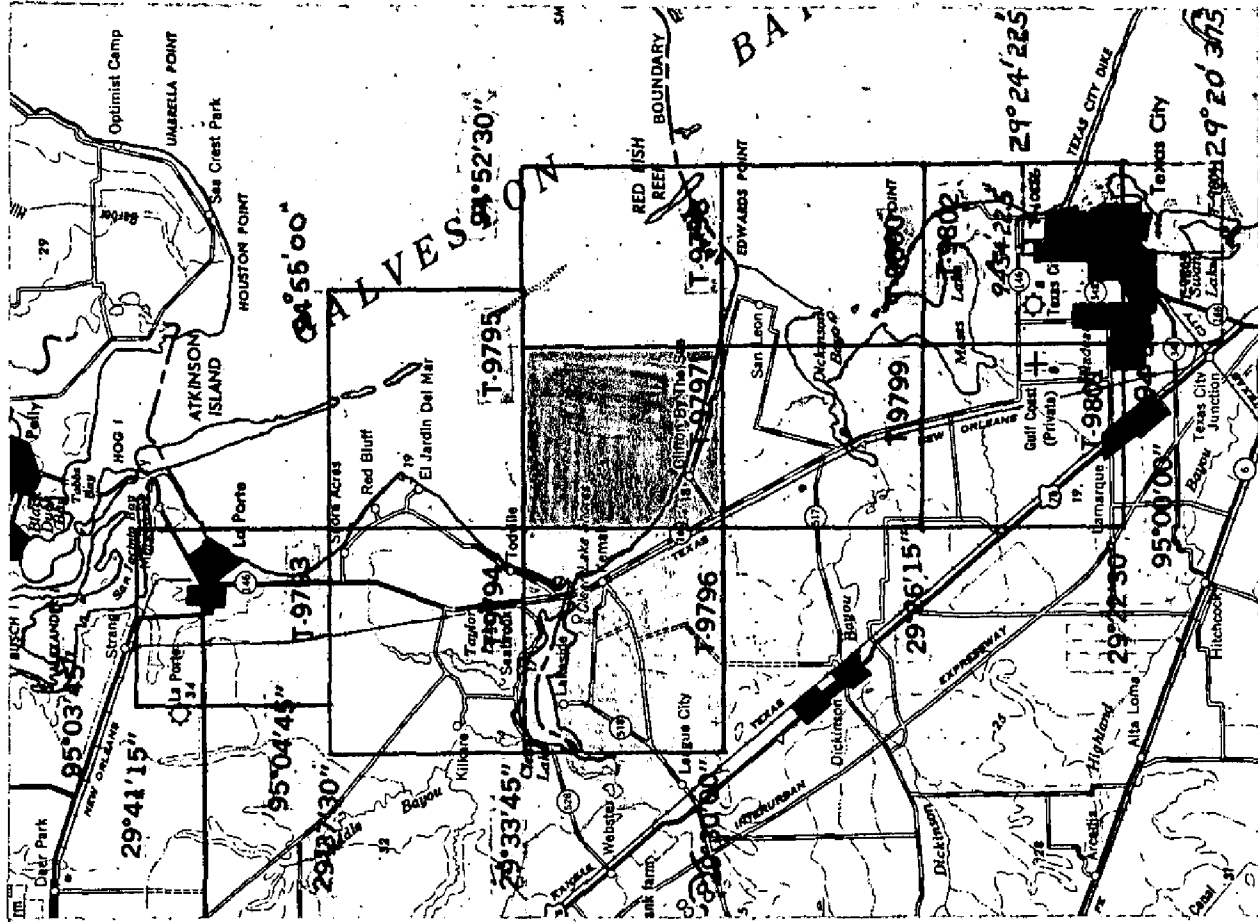
TEXAS

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

Official Mileage for Cost Accounts

Sheet Number	Area Sq. Mi.	Shoreline Linear Miles
9793	14	6
9794	18	7
9795	2	5
9796	15	10
9797	3	4
9798	1	7
9799	15	10
9800	3	9
9801	16	4
9802	10	10
9803	13	3
9804	10	14
10886	6	9
	<u>126</u>	<u>98</u>

2-16-62



FIELD INSPECTION REPORT

MAP T- 9797

PROJECT PH- 6006

Please refer to Field Inspection Report submitted with Map T-9796 for all information pertaining to this map.

Submitted,

William M. Reynolds
William M. Reynolds

SCALE FACTOR

[illegible]

COMM-DC-57843

DATE SEP 8 61

COMPILATION REPORT

T-9797

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. Shoreline and alongshore details such as piers, bulkheads, groins, etc. were delineated according to the field inspection 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

Four fixed aids and one landmark have been shown and were submitted to the Washington Office on Form 567 under date of June 22, 1962.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made with T-9795 to the north, T-9798 to the east, T-9799 to the south and T-9796 to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS BACLIFF quadrangle, scale 1:24,000, edition of 1954. The exposed wreck at approximate Latitude 29° 31', Longitude 94° 58.3' has been removed. The remaining comparison is favorable.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1282, scale 1:80,000, edition of August 1, 1960, revised January 23, 1961. Comparison is the same as Item 46.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith
R. E. Smith
Carto Photo Aid

APPROVED AND FORWARDED 21 JAN 1963

V. Ralph Sobieralski
V. Ralph Sobieralski
Tampa District Officer

49. NOTES FOR THE HYDROGRAPHER

None.

FORM 182 (9-61)		50.		PHOTOGRAMMETRIC OFFICE REVIEW T. 9797		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
1. PROJECTION AND GRIDS WHS		2. TITLE WHS As Classification label -- unclassified				3. MANUSCRIPT NUMBERS WHS	
4. MANUSCRIPT SIZE WHS		5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY WHS		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) XX			
CONTROL STATIONS		7. PHOTO HYDRO STATIONS XX		8. BENCH MARKS XX		9. PLOTTING OF SEXTANT FIXES XX	
		10. PHOTOGRAMMETRIC PLOT REPORT W.O. Bridge					
		11. DETAIL POINTS Kelsh					
ALONGSHORE AREAS (Nautical Chart Data)		12. SHORELINE WHS		13. LOW-WATER LINE XX		14. ROCKS, SHOALS, ETC. XX	
		15. BRIDGES XX		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	
MISCEL- LANEOUS		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	
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 SUPERVISOR REVIEW SECTION OR UNIT Milton M. Slavney					
SIGNATURE OF COMPILER Jack Honick		SIGNATURE OF SUPERVISOR Milton M. Slavney					

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25353-P61

FIELD EDIT REPORT T-9797
(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.

for *M. M. Slattery*
James H. Blumberg
LTJG C&GS
Photo Hydro Party 723

GEOGRAPHIC NAMES

T-9797

(Bacliff)

Bacliff

Bayview

Clifton

Clifton Channel

Galveston Bay

San Leon

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
--------	----------	------

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
885	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 1/13/65
Chief, Photogrammetry Division

