9294

Diag. Cht. Nos. 1284 & 1285

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey SHORELINE-PHOTOGRAMMETRIC

Field No. Ph-14(46) *Office No.* T-9294

LOCALITY

State TEXAS

General locality GULF COAST INTRACOASTAL WATERWAY

Locality SECOND CHAIN OF ISLANDS TO GRASS ISLAND

1946-47

CHIEF OF PARTY

R.A.Gilmore,Chief of Field Party.

H.A.Paton,Baltimore Photogrammetric Office

W.P.Read,Baltimore Photogrammetric Office

LIBRARY & ARCHIVES

DATE

8-1870-1 (1)

9294

DATA RECORD

T- 9294

Project No. (II): Ph-14(46) Quadrangle Name (IV):

Field Office (II): Port Lavaca, Texas Chief of Party: Ross A. Gilmore

Photogrammetric Office (III): Baltimore, Md. Officer-in-Charge: Thos. B. Reed and Hubert A. Paton.

Instructions dated (II) (III): undated: supplement 1, 22 July 1947; letters dated 5 June 1947, 29 July 1947, 4 February 1949 Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): graphic

Manuscript Scale (III): 1:20,000 Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV): 12-7-49 Date reported to Nautical Chart Branch (IV): 12-12-49

Applied to Chart No. Date: Date registered (IV): 20 April, 1953

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N. A. 1927 Vertical Datum (III): M.H.W.

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): NET, 1934

Lat.: 28° 16' 32.494" (1000.3m) Long.: 96° 47' 52.787" (1438.6m) Adjusted ~~Unadjusted~~

Plane Coordinates (IV): State: Zone:

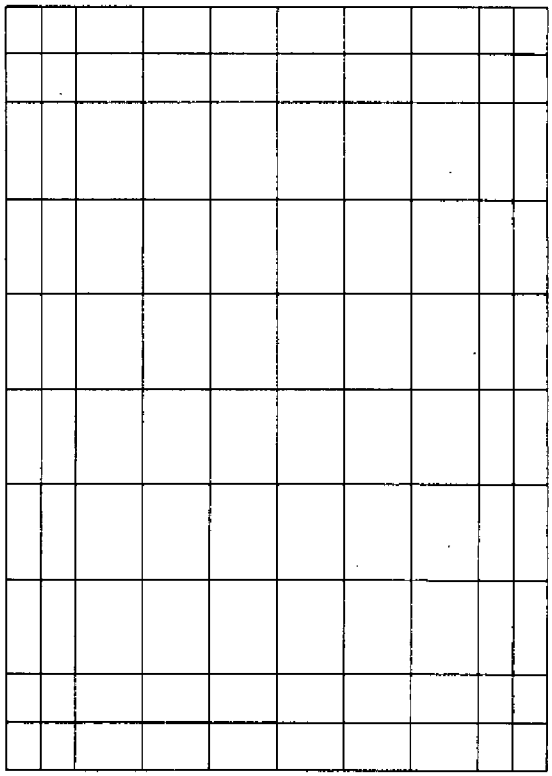
Y= X=

No state grid on the map manuscript

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.

M-2618-12(4)



Areas contoured by various personnel
(Show name within area)
(II) (III)

shoreline

DATA RECORD

Field Inspection by (II): W.M. Reynolds, B. Locke, W.L. S — Date: 11/25/47

Planetable contouring by (II): — Date:

Completion Surveys by (II): — Date:

Mean High Water Location (III) (State date and method of location): 21 November 1946

Projection and Grids ruled by (IV): On original manuscript — Date:

Projection and Grids checked by (IV): — Date:

Control plotted by (III): On original manuscript, Additional by D. A. Maskell — Date: 26 September 1949

Control checked by (III): M. F. Kirk — Date: 27 Sept. 1949

Radial Plot or Stereoscopic Control extension by (III): — Date:

Stereoscopic Instrument compilation (III): Planimetry — Date:

Contours — Date:

Manuscript delineated by (III): D. A. Maskell — Date: October 11, 1949

Photogrammetric Office Review by (III): J. W. Vonasek — Date: 1 December 1949

Elevations on Manuscript checked by (II) (III): — Date:

Camera (kind or source) (III): U.S.C.& G.nine lens camera. Focal length 8¼"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
18282 to 18289	11/21/46	11:14	1:10,000	0.4' above MLW
18292	"	11:27	"	0.5' above MLW

1:20,000 scale reductions of the above were also available

From predicted tide tables

Tide (III)

Diurnal

Ratio of Ranges	Mean Range	Range
1.0	1.0	1.0
1.0	1.0	1.4

Reference Station: Galveston, Texas
Subordinate Station: Pass Cavallo, Texas
Subordinate Station:

Washington Office Review by (IV): L. T. Stevens Date: 11-1-50

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 13 (revised)
Shoreline (More than 200 meters to opposite shore) (III): 21 (revised)
Shoreline (Less than 200 meters to opposite shore) (III): 12 (revised)
Control Leveling - Miles (II): *
Number of Triangulation Stations searched for (II): 15 Recovered: 15 Identified: 15
Number of BMs searched for (II): Recovered: Identified:
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III): none

Remarks: *Includes LIVE, 1934 and EGG, 1934, which have been washed out, but the position of the unearthed monument is pricked and is to be used with caution. Also includes 9 lights for which U.S.E. traverse positions were furnished.

M-2618-12(4)

Summary to Accompany T-9294

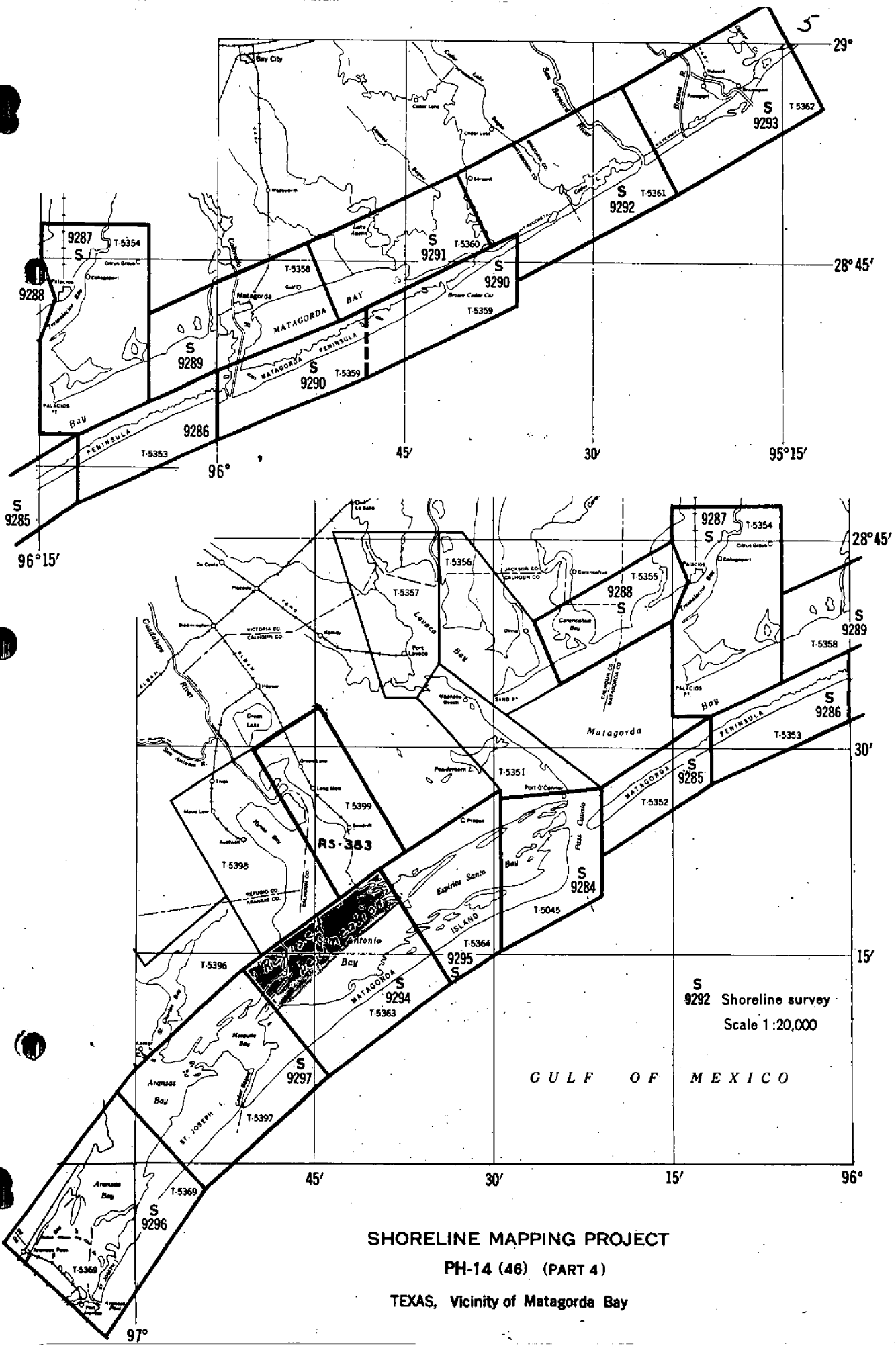
Shoreline survey T-9294, scale 1:10,000, (Lat. 28° 08' to 21'; Long. 96° 35' to 51') is one of 76 maps in project Ph-14(46), Intracoastal Waterway, which consists of four parts. This project was planned to furnish data for a new series of Inland Waterway charts at 1:40,000 scale.

T-9294 is one of the Part IV group which consists of 14 maps (T-9284 to T-9297, inclusive), vicinity of Matagorda Bay, Texas.

Field Report
Shoreline Manuscript T-9294

For field data covering survey T-9294, refer to the Special Report for project Ph-14(46), locality of Cedar Lakes, Texas, to Aransas Pass, Texas, Ross A. Gilmore, Chief of Party, January 1948.

Chart Letter No. 150(1948). Filed in the Nautical Chart Branch, Division of Charts.



SHORELINE MAPPING PROJECT

PH-14 (46) (PART 4)

TEXAS, Vicinity of Matagorda Bay

Photogrammetry

MAP T- 9294 PROJECT NO. Ph-14(46) SCALE OF MAP 1:20,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
SAN ANTONIO BAY LT. 1 USE	Letter U.S.E. Field Report p.14	N.A. 1927	28 18 42.7486			1315.9 531.1	1847.0 30.783
			96 40 31.6216	1941-44-49		861.5 773.1	1634.7 27.244
SAN ANTONIO BAY LT. 11 USE	(1947)	"	28 17 56.2872			1732.7 114.3	1847.0 30.783
			96 41 37.0166	1941-44-49		1008.6 626.2	1634.8 27.247
" " 21 USE	Nav.	"	28 17 09.5871			295.1 1551.9	1847.0 30.783
" "			96 42 42.6815	1941-46-49		1163.1 472.	1635.1 27.251
" " 31 USE	Gilmore (F.I.	"	28 16 22.9688			707.0 1140.0	1847.0 30.783
" "			96 43 48.2002	1941-47-49		1313.6 321.6	1635.2 27.254
" " 41 USE	R.A.	"	28 15 36.3274			1118.3 728.7	1847.0 30.782
" "			96 44 53.7486	1941-48-49		1465.0 170.4	1635.4 27.257
" " 51 USE		"	28 14 49.5777			1526.2 320.8	1847.0 30.783
" "			96 45 59.3418	1941-48-49		1617.7 17.9	1635.6 27.261
" " 61 USE	(1948)	"	28 14 03.4032			104.8 1742.2	1847.0 30.783
" "			96 47 04.2618	1941-44		116.2 1519.6	1635.9 27.264
" " 67 USE	Ch. Lec. No. 15D	"	28 13 01.8982			58.4 1788.6	1847.0 30.783
" "			96 48 31.2156	1941-46		851.2 784.9	1636.1 27.268
" " 73 USE		"	28 12 22.3136			686.9 1160.1	1847.0 30.783
" "			96 49 16.3782	1941-46		446.6 1189.6	1636.3 27.271

Dates of stations unknown.

1 FT. = .3048006 METER

COMPUTED BY: D.A.Maskell DATE 30 August 1949

CHECKED BY: G.N.Nathan DATE 30 August 1949

M-2388-12

MAP T- 9294 PROJECT NO. Ph-14(46) SCALE OF MAP 1:20,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Descr. 872							
WINDMILL "B" r. 1947 1934	G-2874 P. 83	N.A. 1927	28 21 21.61			665.2	
			96 41 38.42			1046.3	
GLADYS, 1934 r 1948	G-2874 P. 71	"	28 13 21.397			658.7	
			96 39 27.388			746.8	
CAT, 1934 Lost 1945 RM1 & RM2 r. 1947	G-2874 P. 58	"	28 12 56.322			1733.8	
			96 42 10.345			282.1	
R.M. 1 ROOST, 1934 r. 1947			Plotted graphically	Erroneously stamped "R.M. 2"			
EGG, 1934	G-2874 P. 58	"	28 16 35.442			1091.0	
			96 44 05.764	Destroyed		157.1	
NET, 1934 r. 1947	G-2874 P. 59	"	28 16 32.494			1000.3	
			96 47 52.787			1438.6	
LIVE, 1934 Lost	G-2874 P. 58	"	28 13 42.964			1322.6	
			96 47 13.731			374.4	
GREEK, 1911 r. 1948	G-2874 P. 58	"	28 15 39.357			1211.5	
			96 37 49.951			1361.5	
MOSQUITO POINT 1859 r. 1947	G-2874 P. 59	"	28 20 48.393			1489.7	
			96 42 26.933			733.5	

Page 9

1 FT. = .3048006... METER

Revised by:
COMPUTED BY: J.W. Vonasek DATE 1 December 1949

Copy
CHECKED BY: D.A. Maskell DATE 1 December 1949

M-2388-12

COMPILATION REPORT

SURVEY NO.T-9294

FIELD INSPECTION REPORT

Refer to the special report for Project Ph-14(46), Gulf Intracoastal Waterway, Cedar Lakes, Texas, to Aransas Pass, Texas, submitted by Ross A. Gilmore, Chief of Party, January 1948.

PHOTOGRAMMETRIC PLOT REPORT

No formal radial plot was made for this survey. Detail points and some aids to navigation were located by direct radial plotting methods.

31. DELINEATION

The manuscript was delineated by graphic methods only, and is a partial revision of T-5363 which was used as a base.

The compilation was accomplished by holding the detail common to the redline print of T-5363 (1934) and the photograph reductions and making any necessary changes. The manuscript has been revised only as far as photographic coverage would permit. A purple line has been shown on the manuscript as a limiting line of revision. The field inspection was adequate.

32. CONTROL

The identification, density and placement of horizontal control was adequate, except in San Antonio Bay where the control falls close to the flight line.

33. SUPPLEMENTAL DATA

Geodetic positions for lights in San Antonio Bay and traverse station 717 + 000 were furnished in the field report. Sextant and other positions for buoys, stakes, pipes and sub points were contained in form 250, Field Observations, Vol. 3 of 6 vols. for San Antonio Bay, 1947. on T-9295 See Review Report, 65

A lithographic copy of T-5363 (1934) was furnished as the geographic name standard dated 18 July 1949.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable
Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline along the tidal flats in the vicinity of Grass Island was so indefinite that it was shown as unsurveyed.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

One landmark is shown on the manuscript. It was pricked direct from photograph 18293 as there was not enough control to hold the photographs for cuts. Form 567 attached

The dates of the (USE) positions of the San Antonio Bay lights are not known. Most of these lights were built in 1941 and rebuilt between 1946 and 1948. Lacking any other control across San Antonio Bay it was assumed that the positions of the lights were not changed when rebuilt and the old positions were used.

The approximate positions of San Antonio Bay Buoys 1, 3, 5, 7, and 19 are shown by transferring the approximate positions given by the field party on the field photographs to the reduced office photograph and then to the manuscript. No sextant positions were given nor were they pricked on the field photographs. San Antonio Bay Buoy 71 was also pricked direct as the two cuts obtained from the photographs were on the flight line.

38. CONTROL FOR FUTURE SURVEYS

No comment.

39. JUNCTIONS

Junction to the east with Survey No. 9295 was made and is in agreement. Junction to the north was not made as the manuscripts in this area had no photo coverage. Junction to the west with T-9297 was made and is in agreement. The south limits of the sheet are the project limits.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 through 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

This manuscript was compared with the Corps of Engineers quadrangle, San Antonio Bay, scale 1:125,000, dated 1912, revised to August 1942.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with U.S.C.& G.S. chart No. 1284, scale 1:80,000 edition of January 1945 and chart No. 1285, scale 1:80,000, edition of 1945.

Items to be applied to nautical charts immediately:

None

Items to be carried forward:

None

Respectfully submitted
11 October 1949

Doris A. Maskell C.S.
Cartographic Draftsman

Approved and forwarded
7 December 1949

Hubert A. Paton
Officer in Charge
Baltimore Photogrammetric Office

Form T-2

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9294

1. Projection and grids _____ 2. Title JWW 3. Manuscript numbers JWW 4. Manuscript size JWW

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy JWW 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) JWW 7. ~~Photo-hydro stations~~ _____ 8. ~~Bench marks~~ _____
9. Plotting of sextant fixes JWW 10. Photogrammetric plot report JWW 11. Detail points JWW

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline JWW 13. Low-water line JWW 14. Rocks, shoals, etc. JWW 15. Bridges JWW 16. Aids to navigation JWW 17. Landmarks JWW 18. Other alongshore physical features JWW 19. Other alongshore cultural features JWW

PHYSICAL FEATURES

20. Water features JWW 21. Natural ground cover JWW 22. ~~Planetable contours~~ _____ 23. ~~Stereoscopic instrument contours~~ _____ 24. ~~Contours in general~~ _____ 25. ~~Spot elevations~~ _____ 26. Other physical features JWW

CULTURAL FEATURES

27. Roads JWW 28. Buildings JWW 29. Railroads JWW 30. Other cultural features JWW

BOUNDARIES

31. ~~Boundary lines~~ _____ 32. ~~Public land lines~~ _____

MISCELLANEOUS

33. Geographic names JWW 34. Junctions JWW 35. Legibility of the manuscript JWW 36. ~~Discrepancy overlay~~ _____ 37. Descriptive Report JWW 38. Field inspection photographs JWW 39. Forms JWW
40. Joseph Vorhees — Reviewer; Joseph Steinberg — Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

_____ Compiler _____ Supervisor

43. Remarks:

M-2623-12

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE DELETED
} STRIKE OUT ONE

Baltimore, Maryland 11 October 1949

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 Joseph W. Vonasek

Hubert A. Paton *Chief of Party.*

INTRACOASTAL WATERWAY

STATE TEXAS

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE ° ′	LATITUDE D.M. METERS	LONGITUDE ° ′	LONGITUDE D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	INTRACOASTAL WATERWAY	CHARTS AFFECTED
HOUSE	SOUTH GABLE, TWO STORY WHITE		28 19	(-155) 1692	96 38	-292 1342	N.A. 1927	Photo. Comp.	1947		x	x	1285 1284 890, 891
	18 ft. high												
													1284
													474
													9-25-53

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. The data should be considered for the charts of the area and not by

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED | ~~TO BE DELETED~~ } STRIKE OUT ONE

Baltimore, Maryland 11 October 1949

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 Joseph W. Vonasek

Hubert A. Paton *Chief of Party.*

STATE TEXAS

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE ° '	LATITUDE D.M. METERS	LONGITUDE ° '	LONGITUDE D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	INTRACOASTAL WATERWAY	CHARTS AFFECTED
LT 1	San Antonio Bay		28 18	1315.9	96 40	861.5	N.A. 1927	U.S.E. Traverse	Unknown		x	x	1288 891
11	" " "		28 17	1732.7	96 41	1008.6	"	"	"		x	x	"
21	" " "		28 17	295.1	96 42	1163.1	"	"	"		x	x	"
31	" " "		28 16	707.0	96 43	1313.6	"	"	"		x	x	"
41	" " "		28 15	1118.3	96 44	1465.0	"	"	"		x	x	"
51	" " "		28 14	1526.2	96 45	1617.7	"	"	"		x	x	"
61	" " "		28 14	104.8	96 47	116.2	"	"	"		x	x	"
67	" " "		28 13	58.4	96 48	851.2	"	"	"		x	x	"
73	" " "		28 12	686.9	96 49	446.6	"	"	"		x	x	"
70	" " "		28 12	1290	96 49	97	"	Photo. Comp.	1947		x	x	"

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating-* The data should be considered for the charts of the area and not

Form 56
April 194

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED / ~~TO BE DELETED~~ (STRIKE OUT ONE)

Baltimore, Maryland October 11, 1949

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 Joseph W. Vonasek

Hubert A. Paton *Chief of Party.*

STATE	TEXAS		POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	INTRACOASTAL WATERWAY	CHARTS AFFECTED
			LATITUDE		LONGITUDE		DATUM							
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	D.M. METERS	° ′	D.P. METERS								
BUOY 21	SAN ANTONIO BAY		28 17	318	96 42	1175	N.A. 1927		Angle & Distance T-9294	Dec. 1947	x	x	x	1285 891
" 25	" " "		28 16	1748	96 43	67	"		"	" "	x	x	x	"
" 27	" " "		28 16	1517	96 43	330	"		"	" "	x	x	x	"
" 29	" " "		28 16	1112	96 43	821	"		"	" "	x	x	x	"
" 31	" " "		28 16	725	96 43	1329	"		"	" "	x	x	x	"
" 33	" " "		28 16	142	96 44	408	"		"	" "	x	x	x	"
" 35	" " "		28 15	1708	96 44	750	"		"	" "	x	x	x	"
" 37	" " "		28 15	1542	96 44	962	"		"	" "	x	x	x	"
" 39	" " "		28 15	1391	96 44	1154	"		"	" "	x	x	x	"
" 41	" " "		28 15	1131	96 44	1475	"		"	" "	x	x	x	"
" 43	" " "		28 15	775	96 45	280	"		"	" "	x	x	x	"
" 45	" " "		28 15	381	96 45	770	"		"	" "	x	x	x	"
" 47	" " "		28 15	022	96 45	1092	"		"	" "	x	x	x	"
" 49	" " "		28 15	43	96 45	1208	"		"	" "	x	x	x	" 47

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. The data should be considered for the charts of the area and not b

Form 567
April 194

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~NON~~FLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

~~TO BE CHARTED~~ / ~~TO BE DELETED~~ } STRIKE OUT ONE

Baltimore, Maryland October 11, 1949

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 ~~Joseph W. Vonasek~~

Hubert A. Paton *Chief of Party.*

INTRACOASTAL WATERWAY

STATE TEXAS

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE ° ′	LAT. D.M. METERS	POSITION LONGITUDE ° ′	LONG. D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	CHARTS AFFECTED
BUOY 51	SAN ANTONIO BAY		28 14	1539	96 45	1622	N.A. 1927	Angle & Distance T-9294	Dec.1947	x	x	1285 891
" 53	" " "		28 14	1085	96 46	577	"	"	" "	x	x	"
" 55	" " "		28 14	889	96 46	801	"	"	" "	x	x	"
" 57	" " " changed .4 S see Rev. Right.		28 14	~~711~~	96 46	~~969~~	"	"	" "	x	x	"
" 61	" " "		28 14	112	96 47	132	"	"	" "	x	x	"
" 63	" " "		28 13	689	96 48	85	"	Photo. Comp.	" "	x	x	"
" 65	" " "		28 13	348	96 48	~~490~~	"	"	" "	x	x	"
" 69	" " "		28 12	1580	96 48	1256	"	"	" "	x	x	"
" 71	" " "		28 12	978	96 49	241	"	"	" "	x	x	"
" 75	" " "		28 12	309 (10.0338 30.983)	96 49	730 (26.7684 29.291)	"	"	" "	x	x	"

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. 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

Ayres Flats
Big Bird Island
Big Brundrett Lake

Cedar Lake
Cedar Point
* Chickenfoot Reef (name o.k.) (S. of False Live Oak Pt)
Cottonwood Bayou

False Live Oak Point
First Chain of Islands

Grass Island
Gulf of Mexico
Intracoastal Waterway

Jones Lake

Little Bird Island
Long Lake
Live Oak Point

Matagorda Island
McMullen Lake — McMullen I. (E. of lake)
Mosquito Reef
Mustang Slough

Old Darlington (= wreck)

Panther Point
Panther Point Lake
Pats Bay
Point of Ayres
Power Lake

San Antonio Bay
Second Chain of Islands
Shell Reef
Shell Reef Bayou
South Pass
South Pass Island
Swan Lake

Turnstake Island
Twin Lakes

Rattlesnake I.

Rattlesnake Pt (dredging operations appear to have changed n.e. end of Rattlesnake I. Per names report, light No. 73 is located on this point)

Names underlined in red are approved.
11-1-50
L. Heck

* This feature does not appear on the manuscript.

49. NOTES FOR THE HYDROGRAPHER

The following is the only recoverable topographic station on this survey:

Traverse Station 721+000 (U.S.E.)

Review Report T-9294
Shoreline Survey
1 November 1950

62. Comparison with Registered Surveys.

T-828	1:20,000	1861
T-1030	"	1859
T-5363	"	1934 (used as base for this compilation)

63. Comparison with Maps of Other Agencies. None

64. Comparison with Contemporary Hydrographic Surveys. None

65. Comparison with Nautical Charts.

1285 1:80,000 ed. Jan. 1945, rev. May 1950

Compilation T-9294 is confined to a revision of the shoreline of the Intracoastal Waterway area and the location of aids to navigation for that waterway.

Changes made during review:

1. San Antonio Bay Buoy 57 was moaved westward to comply with the position indicated on field inspection photograph 18284, rather than by the data in Vol. 3, p. 7 of Field Observations, San Antonio Bay. Apparently the entry should have read "Left sextant angle from Light 51", because that would place the light in accord with the pricking on the photograph, and in better alignment with the other buoys.
2. A shoal was added at 28° 13'/ 96° 46.3'. Numerous charted "shell reefs" in western San Antonio Bay, and a charted wreck north of Second Chain Islands are not carried on T-9294.

66. Accuracy:

This map complies with project instructions, and meets the National Standards of Map Accuracy.

Reviewed by:

Lena T. Stevens
Lena T. Stevens

APPROVED:

S. V. Griffith
Chief, Review Section, Division of Photogrammetry

O S Reading
Chief, Div. of Photogrammetry

H C Edmonston
Chief, Nautical Chart Branch, Division of Charts

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Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. _____

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
11-13-50	890	Hunsberger	Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.

applied to Lot 890 Nov. 13, 1950 M. Hunsberger