9292

Only

Diag. Cht. No. 1283

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. Office No. T-9292

Project Ph-14(46)

LOCALITY

State Texas

General locality Gulf Intracoastal Waterway

Locality Caney Creek to Red Fish Bayou

1947

CHIEF OF PARTY

Ross A. Gilmore, Chief of Field Party

Thos. B. Reed, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE Feb - 5 - 1953

8-1870-1 (1)

9292

DATA RECORD

T - 9292

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

Instructions dated (II) (III): (no date); Supplement 1, 22 July 1947
Letters dated 5 June 1947, 29 July 1947, 4 Feb. 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): 10-4-49 Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 18 Nov. 1952

Publication Scale (IV):

Publication date (IV): (Date of issue July 1952)

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): OWEN, 1934

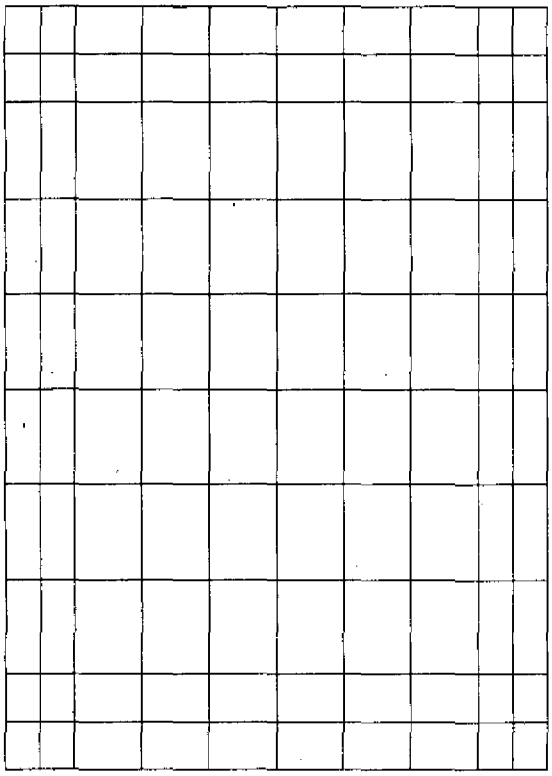
Lat.: 28° 50' 46.044" (1417.5m) Long.: 95° 28' 00.162" (4.4m) Adjusted

Plane Coordinates (IV): State: Zone:

Y= X=

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.



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

Shoreline

DATA RECORD

Field Inspection by (II): Boynton Locke, Jr. Date: Nov. 1947

Planetable contouring by (II): Date:

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location):
Same as date of photographs
Located on field photographs

Projection and Grids ruled by (IV): On original manuscript Date: 1934

Projection and Grids checked by (IV): On original manuscript Date: 1934

Control plotted by (III): On original manuscript Date: 1934

Control checked by (III): On original manuscript Date: 1934

Radial Plot ~~or Stereoscopic Control Extension~~ by (III): L. Senasack Date: July 1949

Stereoscopic Instrument compilation (III):
Planimetry Date:
Contours Date:

Manuscript delineated by (III): Jack Honick Date: 27 June 1949 to 16 August 1949

Photogrammetric Office Review by (III): R. Glaser Date: 20 Sept. 1949 to 26 Sept. 1949

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

Camera (kind or source) (III): U.S.Coast and Geodetic Survey nine lens camera, focal length 8¼"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
18371	11/21/46	1336	1:10,000	0.1' above MHW
18372 - 18377	11/21/46	1340	1:10,000	0.1' above MHW

Tide (III)

Ratio of Ranges	Mean Range	Spring Range
1.0	1.0	1.4
1.6	1.6	1.9

Reference Station: Galveston, Texas

Subordinate Station: Brazosport, Freeport Harbor

Subordinate Station: From Predicted Tide Tables

Washington Office Review by (IV): Howard J. Murray Date: Aug. 30, 1950

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Sylvia Dean Date: 25 June, 1952

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 32 (revised area)

Shoreline (More than 200 meters to opposite shore) (III): 42 statute miles

Shoreline (Less than 200 meters to opposite shore) (III): 87 statute miles

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): Recovered: 5 Identified: 5

Number of BMs searched for (II): Recovered: Identified:

Number of Recoverable Photo Stations established (III): 2

Number of Temporary Photo Hydro Stations established (III): none

Remarks: Form No. 524 was submitted for Mon. 693 by the field party, however, the geographic position of this station has been computed from coordinates furnished by the U. S. Engineers. This monument has been included with triangulation.

See Item 67 of Review Report

M-2618-12(4)

MAP T- 9292 PROJECT NO. Ph-14(46) SCALE OF MAP 1:20,000 SCALE FACTOR None

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)
HOTEL, 1934	G-2874 P 75	N.A. 1927	28 51 49.302				~~1517.8~~	~~329.4~~		
			95 26 16.176				438.4	1187.8		
OWEN, 1934	G-2874 P 66	"	28 50 46.044				1417.5	429.7		
			95 28 00.16				4.4	1622.1		
KENNER, 1853	G-1252 P 149	"	28 48 57.635				1774.4	72.7		
			95 39 31.257				847.5	779.4		
PIERCE, 1931	G-1252 P 141	"	28 48 41.464				1276.5	570.6		
			95 39 15.437				418.6	1208.4		
TRAP, 1934	G-2874 P.66		28 49 38.539				1186.5			
			~~Position not available, sub point plotted graphically~~							
			95 35 07.145				193.7			
WINDMILL "M" 1934	G-2874 p 88		28 50 06.246				192.3	1654.9		
			95 34 15.112				409.7	1216.9		
~~WINDMILL "N" 1934~~			~~Position not available~~						See Review Report	
MCNEEL, 1852	G-1252 P-141		28 53 43.221				1330.6	516.6		
			95 30 37.775				1023.5	602.2		
~~MON 693 (USE)~~	~~Field~~ Report	"	~~28 51 32.588~~				~~1003.3~~	~~843.9~~	See Review Report	
			~~95 29 06.668~~				~~180.7~~	~~1445.5~~		

1 FT. = .3048006 METER

COMPUTED BY: J. Honick DATE 8/5/49 CHECKED BY: R. Glaser DATE 27 Sept.1949

M-2388-12

Field Inspection Report
Shoreline Survey T-9292

Refer to the special report for project Ph-14(46) locality of Cedar Lakes, Texas to Port Aransas, Texas, submitted by Ross A. Gilmore, Chief of Party, filed in Division of Charts as Chart Letter L-150(48).

PHOTOGRAMMETRIC PLOT REPORT

21. AREA COVERED

This radial plot covers the area of Survey T-9292 and part of Survey T-9290, which includes that portion of the Gulf of Mexico and the Intracoastal Waterway from Bryan Lake to East Matagorda Bay.

22. METHOD

This radial plot was run graphically with vinylite templets. The radial plot was run on red line prints on acetate of Surveys Nos. T-5364 (1934), T-5361 (1934) and T-5359 (1934), scale 1:20,000.

The photographs used in this radial plot are 1:20,000, scale reduction of 1:10,000, scale nine lens photographs, taken with the U.S.C.& G.S. camera, focal length 8¼ inches. Fourteen photographs were used, numbered as follows: 18367 to 18380 inclusive.

All control stations shown on the red line prints covered by the nine lens photography were identified by the field party. These control stations, photo centers, conjugate centers and pass points were identified on the photographs prior to reduction. The symbols used in the preparation of the 1:10,000 scale photographs are in accordance with Topographic Manual, Part II, Chapters V and VII.

To correct for paper distortion and transforming errors, the Washington Office furnished master templet No. 16664 dated September 1948, scale 1:10,000.

In order to run this plot with templets adjusted for correction of paper distortion and transforming errors at a scale 1:20,000, it was necessary to make a reduction of the 1:10,000 scale master templet. Vinylite templets of the 1:20,000 photographs were made using the reduced master templet.

The templet of photograph 18368 on which the stations MARIE, 1934, PRAIRIE, 1852, and B.M. 782 (USE) 1934 were identified was laid first and the plot extended northeastward and tied into stations LEVEE, 1934, SIGNAL (USE) 1934 and MULE 1934 on Photograph No. 18379 and 18380.

After completing the plot, the red line prints were carefully turned over and the photograph centers, pass points, recoverable topographic stations, and aids to navigation were pricked and circled directly on the back of the manuscript.

The size of photo centers and pass points shown on this manuscript are not to the size specified in the Topographic Manual, 1949. The size of photo centers and pass points were made one half specified dimensions in order that these circles coincide with the circles on the 1:20,000 scale photographs

23. ADEQUACY of CONTROL

The horizontal control identified by the field party complied with project instructions; however, in running this plot using a single flight of photographs with some centers over water, and also since the control identified in the area of least control fell close to azimuth lines, it was necessary to lay the plot several times before a satisfactory result was believed attained.

The identification of station BM 754 (USE) 1934 is believed to be in error. This station falls very close to the azimuth lines of photographs 18369 and 18370 making it possible to hold these photographs to the station in the plot. All other identified control was held either on or tangent.

24. SUPPLEMENTAL DATA

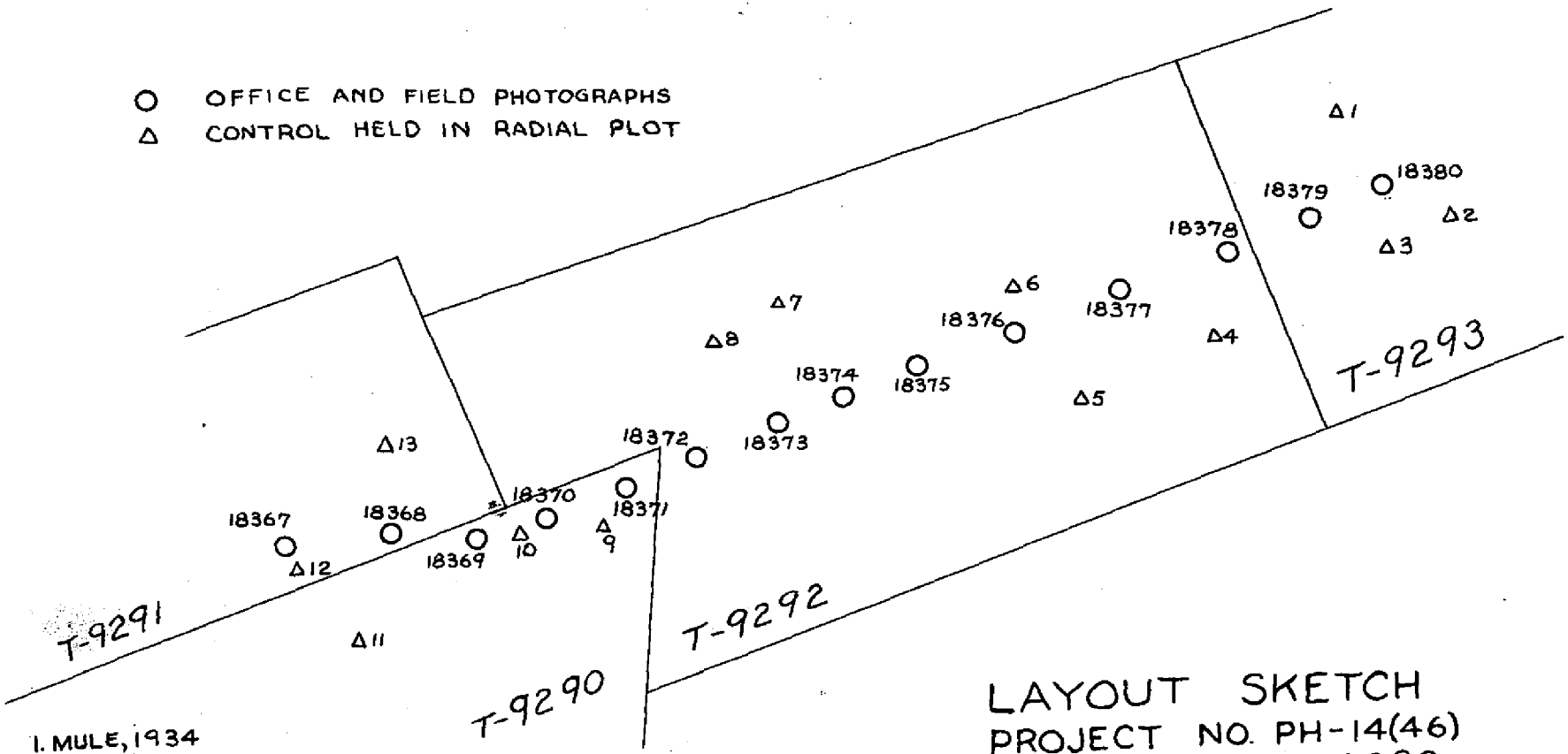
None.

25. PHOTOGRAPHY

The coverage and definition of the photographs were adequate for the revision of planimetry on the red line prints in the area of the Intracoastal Waterway.

26. REMARKS

It is suggested that when surveys are to be compiled using single flight coverage, that control stations be established, if not already located, some distance from azimuth lines for economy and accuracy in running radial plots.



1. MULE, 1934
2. SIGNAL (USE), 1934
3. LEVEE, 1934
4. HOTEL, 1934
5. OWEN, 1934
6. MON 693 (U.S.E.) See Review Report
7. WINDMILL M, 1934
8. TRAP, 1934 (Sub-point held inplot)
9. AERMOTOR, 1934
10. BM 754 (U.S.E.) 1934
11. MARIE, 1934
12. BM 782 (U.S.E.), 1934
13. PRAIRIE, 1852

LAYOUT SKETCH
PROJECT NO. PH-14(46)
SURVEYS NOS. T-9290, T-9291, T-9292 & T-9293

S.A.S.

COMPILATION REPORT

SURVEY NO. T-9292

This manuscript is one of a series of revised surveys in Project Ph-14(46) and covers the area along the Intracoastal Waterway from Caney Creek to Red Fish Bayou, Texas. T-9292 is a revision of T-5361(1934)

The field inspection report for this project, dated January 1948, was submitted in two parts, one by Harold A. Duffy, and the other by John S. Howell.

31. DELINEATION

The manuscript was delineated by graphic methods only.

The manuscript was revised only as far as photographic coverage would permit. A purple line has been shown on the manuscript at the limits of the revision.

In addition to revisions necessitated by changes in planimetry, many minor revisions were deemed essential.

32. CONTROL

The horizontal control which was recovered was adequately identified. Because of the extensive revision which was necessary, additional control placed preferably at some distance from the flight azimuths would have benefited the accuracy of the map.

33. SUPPLEMENTAL DATA

Geographic names were furnished on copies of the following maps:

U.S.C.& G.S. Air Photo Compilation No. T-5361 (1934)
War Department, Corps of Engineers, U. S. Army, Cedar Lakes East Quadrangle, scale 1:31,680, dated 1943.
Army Map Service, Jones Creek Quadrangle, scale 1:25,000, dated 1947.
Progressive Military Map of the U.S., Southern Department, Sheet No. 536 N., Matagorda, Texas, scale 1:125,000, dated 1915.
Also furnished were two negatives of Topographic Survey, No. 6611 (Graphic Control), scale 1:20,000, dated September 1937, from which no supplemental data was taken.

34. CONTOURS AND DRAINAGE

Not Applicable.

35. SHORELINE AND ALONGSHORE DETAILS

Field inspection for the shoreline and alongshore details was satisfactory.

No low water or shoal lines were furnished by the field party and none were delineated on the manuscript.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Form 567 for 20 nonfloating aids, 2 floating aids, and 1 landmark are submitted with this report. The forms for these aids to navigation and the landmark have apparently not been previously submitted by the field party as they could not be found in the field report copy. Of the 20 nonfloating aids, fourteen daybeacons in the abandoned Cedar Lakes channel are no longer maintained according to a note on field photograph No. 18371

No recommendations concerning these aids to navigation or the landmark are being made by this office. The forms with the scaled positions of the stations are being submitted for use by the Washington Office.

38. CONTROL FOR FUTURE SURVEYS

Forms 524 for eight stations are being submitted with this report. Of these, two are U.S.E. monuments, one is a reference mark for triangulation station OWEN, one is a landmark, three were not searched for and one is reported lost.

39. JUNCTIONS

Junctions were made with T-9290 and T-9391 to the west and T-9293 to the east and were in agreement.

The survey borders the Gulf of Mexico to the south and there is no contemporary survey to the north.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 through 45

Not applicable.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the following quadrangles:

War Department, Corps of Engineers, U.S. Army, Cedar Lakes East, Texas, scale 1:31,680, dated 1943.
Army Map Service Jones Creek, Texas, scale 1:25,000, dated 1947.

47. COMPARISON WITH NAUTICAL CHARTS

date impossible (since as of August 1950, the latest correction date is May, 1949)

Comparison was made with Chart No. 1283, scale 1:80,000, dated May 1940 and corrected to ~~August 22, 1949~~. In general, agreement between the chart and the manuscript is good; however, one outstanding change is noted. Cedar Cut, formerly an outlet from Cedar Lakes into the Gulf of Mexico is now completely closed, which apparently invalidates the geographic name, Cedar Cut. See 48, Geographic name list.

Items to be applied to nautical charts immediately:
None
Items to be carried forward
None.

Respectfully submitted

Raymond Glasu
Engineering Draftsman

Approved and forwarded
6 October 1949

Thos B Rich
Officer in Charge
Baltimore Photogrammetric Office

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 5 August 1949

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks, be charted on the charts indicated.

The positions given have been checked after listing by R. Glaser

Thos. B. Reed
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	INTERCOASTAL WATERWAY	CHARTS AFFECTED
Daybeacon 1	Cedar Lakes Channel		28 51	1682	95 27	130	N.A. 1927	T-9292 Rad. Plot	1948		x	x	1283 887
" 2	" " "		28 51	1525	95 27	448	"	"	"		x	x	"
" 3	" " "		28 51	1361	95 27	634	"	"	"		x	x	"
" 4	" " "		28 51	1281	95 27	835	"	"	"		x	x	"
" 5	" " "		28 51	1146	95 27	969	"	"	"		x	x	"
" 9	" " "		28 51	834	95 27	1492	"	"	"		x	x	"
" 6	" " "		28 51	1033	95 28	794	"	"	"		x	x	"
" 15	" " "		28 51	504	95 28	1537	"	"	"		x	x	"
" 8	" " "		28 51	363	95 29	127	"	"	"		x	x	"
" 10	" " "		28 50	1649	95 29	759	"	"	"		x	x	"
" 19	" " "		28 50	1249	95 29	1144	"	"	"		x	x	"
" 12	" " "		28 50	392	95 30	~~544~~ 538	"	"	"		x	x	"
" 14	" " "		28 49	793	95 31	653	"	"	"		x	x	"
" 27	" " "		28 49	411	95 31	1039	"	"	"	x	x		"

Removed discontinued - Photo memo 21 Oct 1949 base only

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.

Form 567
April 1945

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 5 August 1949.

I recommend that the following objects which have (~~been 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 R. Glaser

Thos. B. Read
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. T-9292	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	INTRACOASTAL WATERWAY	CHARTS AFFECTED
BUOY	Near mouth of San Bernard River		28 51	1677	95 26	565	N.A. 1927	Radial Plot	1948		x	x	1283 887
BUOY 1	San Bernard River Crossing		28 52	356	95 26	1076	"	Sextant Fix	1948		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.

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 August 5, 1949

I recommend that the following objects which have (~~been~~) 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 R. Glaser

Thos. B. Reed *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	OFFSHORE CHART	CHARTS AFFECTED
HOUSE *	NE Gable 1½ story weather-beaten on stilts, 25 ft high.		28 52	170	95 26	1241	N.A. 1927	T-9292 Radial Plot	1948		x	x	1283 887 ✓

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.

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 5 August 1949.

I recommend that the following objects which have (~~been~~) been inspected from seaward to determine their value as landmarks be charted on (~~delete~~) the charts indicated.

The positions given have been checked after listing by R. Glaser

Thos. B. Reed *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	OFFSHORE CHART	CHARTS AFFECTED
1 Daybeacon	San Bernard River		28 52	990	95 27	153	N.A. 1927	T-9292 Rad.Plot	1948		x	x	1283 887 ✓
" 10	" " "		28 52	1080	95 27	1435	"	"	"		x	x	" ✓
" 12	" " "		28 52	1136	95 27	1591	"	"	"		x	x	" ✓
" 14	" " "		28 52	1833	95 28	815	"	"	"		x	x	" ✓
" 16	" " "		28 53	495	95 28	1224	"	"	"		x	x	"
" 18	" " "		28 53	654	95 28	1330	"	"	"		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.

GEOGRAPHIC NAMES

- Caney Creek
- ~~* Cedar Cut~~
- Cedar Lake Creek
- Cedar Lakes
- Choctaw Lake
- Cowtrap Lakes

- Gulf of Mexico
- Intracoastal Waterway

- McNeal Bayou
- McNeal Lake
- Mouth San Bernard River Road

- Pelican Lake

- Red Bend
- Red Fish Bayou

- Salt Bayou
- San Bernard River
- Sanborn Ranch
- Sargent

- The Narrows

- Uptons Fish Camp

Geographic names were taken from names standard furnished by the the Washington Office.

* Geographic name Cedar Cut as shown on chart No. 1283 is not shown on the map manuscript since the cut between Cedar Lakes and the Gulf of Mexico is now filled in.

Names approved
8-23-50
a. J. W.

Review Report T-9292
Shoreline Survey
30 August 1950

61. General Statement.-Shoreline Survey T-9292, at 1:20,000 scale, is one of 76 maps comprising the four parts of project Ph-14(46) covering the Intracoastal Waterway from Houma, Louisiana, to Port Aransas, Texas. Part IV of Ph-14 extends from Freeport, Texas, to Port Aransas, Texas, and consists of fourteen sheets. T-9292 is one of this series.

62. Comparison with Registered Topographic Surveys.-

T-412	1853	1:20,000
T-557	1856	"
T-5361	1934	"
T-6611	1937	"

The above surveys are superseded by T-9292 for nautical charting purposes.

63. Comparison with Maps of Other Agencies.-

Matagorda, Texas	1912, 13	1:125,000
Cedar Lakes East, Texas	1942, 43	1:31680
Jones Creek, Texas	1942, 43	1:31680

The two latter maps were reprinted in 1947 at 1:25,000 scale. This compiled area of T-9292 supercedes the above maps regarding planimetric details.

64. Comparison with Contemporary Hydrographic Surveys.-

None

65. Comparison with Nautical Charts.-

1283 (latest correction date, 5-2-49) 1:80,000

Cedar Lakes Channel Daybeacon 1 does not appear on Chart 1283.

A buoy near the mouth of the San Bernard River is not shown on the chart.

Cedar Lakes Daybeacon 25 (shown on the chart) was not field recovered. However, there is no evidence that demonstrates its non-existence.

Discrepancies exist between the manuscript and chart positions of some of the Cedar Lakes Channel daybeacons.

The San Bernard River daybeacons are not shown on the chart.

66. Adequacy of Results and Future Surveys.-Field inspection was adequate only in the immediate vicinity of the Intracoastal Waterway. T-9292 complies with project instructions and the National Standards of Accuracy.

67. Control.-"Triangulation station" Windmill N that appeared on T-9292 as part of the red-line reproduction of T-5361 (used as a base for this compilation) was removed from the manuscript since no published or computed geographic position could be obtained from the Division of Geodesy.

Station Mon 693 (USE) 1947 is not of permanent nature (it is a cedar post) and therefore has been shown as a recoverable topo station. A form 524 labeled "Post 279-276 (USE) 1947" is in the general files of the Division of Photogrammetry.

Four topo stations that were transferred to T-9292 as part of the red-line copy of T-5361 have been maintained on this sheet. Three of these fell beyond the limits of photographic coverage while the photo area in which the fourth would have been visible was obscured by clouds. The stations are:

Concrete Water Tank, 1934
Shed, 1934
Windmill, 1934
Windmill, 1934

The original forms 524 have been retained and are in the general files of the Division of Photogrammetry under T-5361.

Reviewed by:

Howard J. Murray

Howard J. Murray

APPROVED:

S. V. Gussich 1/26/53
Chief, Review Section
Div. of Photogrammetry

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

O. S. Reading
Chief, Div. of Photogrammetry

Earl O. Heaton
Chief, Div. of Coastal Surveys
A. H.

Form T-2

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9292

1. Projection ~~and grids~~ G 2. Title G 3. Manuscript numbers G 4. Manuscript size G

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads G 28. Buildings G 29. ~~Railroads~~ _____ 30. Other cultural features G

BOUNDARIES

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

MISCELLANEOUS

33. Geographic names G 34. Junctions G 35. Legibility of the manuscript G 36. ~~Discrepancy overlay~~ _____ 37. Descriptive Report G 38. Field inspection photographs G 39. Forms G
40. Raymond Glass (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-2661-12

NAUTICAL CHARTS BRANCH

SURVEY NO. 9292

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
3-1-50	887	DR Engle	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.

NAUTICAL CHARTS BRANCH

SURVEY NO. _____

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
			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
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