9186

Diag. Cht. No. 1286-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC

Field No. Ph-36(48) Office No. T-9186

LOCALITY

State TEXAS

General locality CORPUS CHRISTI BAY

Locality OSO CREEK

194 51

CHIEF OF PARTY

G.E.Morris,Jr.,Chief of Party
H.A.Paton,Baltimore Photogrammetric Office

LIBRARY & ARCHIVES

DATE Nov - 3 - 1953

B-1870-1 (1)

9186

DATA RECORD

T - 9186

Project No. (II): Ph-36 (48) Quadrangle Name (IV):

Field Office (II): Corpus Christi, Texas Chief of Party: G.E.Morris, Jr.

Photogrammetric Office (III): Baltimore, Md. Officer-in-Charge: H.A. Paton

Instructions dated (II) (III): Copy filed in Division of Photogrammetry (IV)
14 February 1949, Supplement No. 2 (field) 26 July 1949
Supplement No. 2 (field) 28 July 1949 office files
Office compilation Assignment, 8 June 1949

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): 3-1-50 Date reported to Nautical Chart Branch (IV): 3-8-50

Applied to Chart No. Date: Date registered (IV): 8-18-53

Publication Scale (IV): ~~1:20,000~~ Not to be published Publication date (IV):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): KLEPAC, 1949

Lat.: 27° 40' 57.370"(1765.9m) Long.: 97° 24' 43.805"(1200.4m) ~~Adjusted~~ Unadjusted

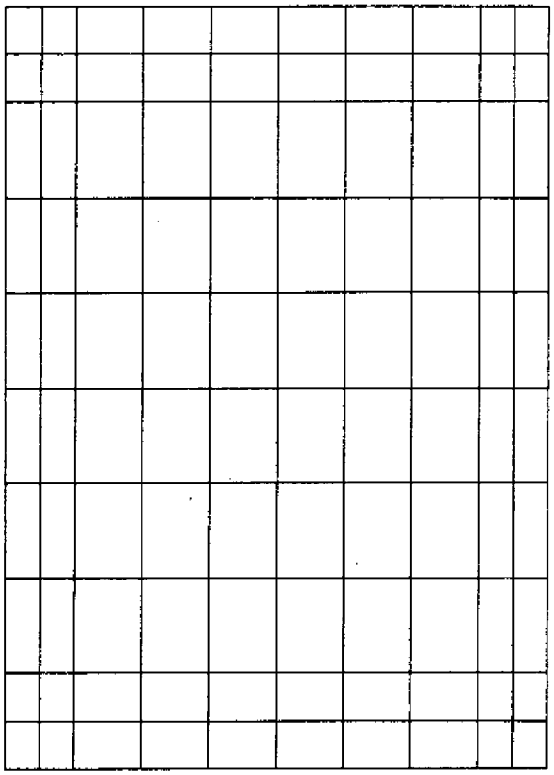
Plane Coordinates (IV): State: Texas Zone: South

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.

M-2618-12(4)



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

Planimetric

DATA RECORD

Field Inspection by (II): F. M. Wisiecki — Date: April 1949

Planetable contouring by (II): None — Date:

Completion Surveys by (II): W. H. Shearouse — Date: 11-1-51

Mean High Water Location (III) (State date and method of location): 12-9-48
Corpus Christi Bay identified on field photo 0 1753

Projection and Grids ruled by (IV): WEW — Date: 6-24-49

Projection and Grids checked by (IV): HDW — Date: 6-29-49

Control plotted by (III): F.J.TARCZA — Date: 8-26-49

Control checked by (III): M.F. Kirk — Date: 9-1-49

Radial Plot ~~or Stereoscopic Control extension~~ by (III): F.J. Tarcza — Date: 9-30-49

Stereoscopic Instrument compilation (III): Planimetry — Date:

Contours — Date:

Manuscript delineated by (III): Judson Councill — Date: 12-30-49

Photogrammetric Office Review by (III): J.W.Vonasek — Date: 2-23-50

Elevations on Manuscript checked by (II) (III): J.W.Vonasek — Date: 1-31-50

M-2618-12(4)

Camera (kind or source) (III): USC&GS SINGLE LENS TYPE O Focal length 152mm

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
48-0-1198, 1199	12-8-48	1146	1:20,000	not computed (tide negligible)
-1200, 1201	"	1147	"	
-1224	"	1206	"	
-1225	"	1207	"	
-1226	"	1208	"	
Contact print = 48-0-1753	12-9-48	1247	"	
2577/-74	5-4-50		1:20,000	

The mean range of tide is less than ½ foot

Tide (III)

Ratio of Ranges	Mean Range	Spring Range
1.0	1.0	1.4

Reference Station: Galveston, Texas
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV): Charles Hanavich Date: 12 Sept. 1952

Final Drafting by (IV): E. L. Hunter Date: 6-10-53

Drafting verified for reproduction by (IV): W. A. Hellwig Date: 6-9-53

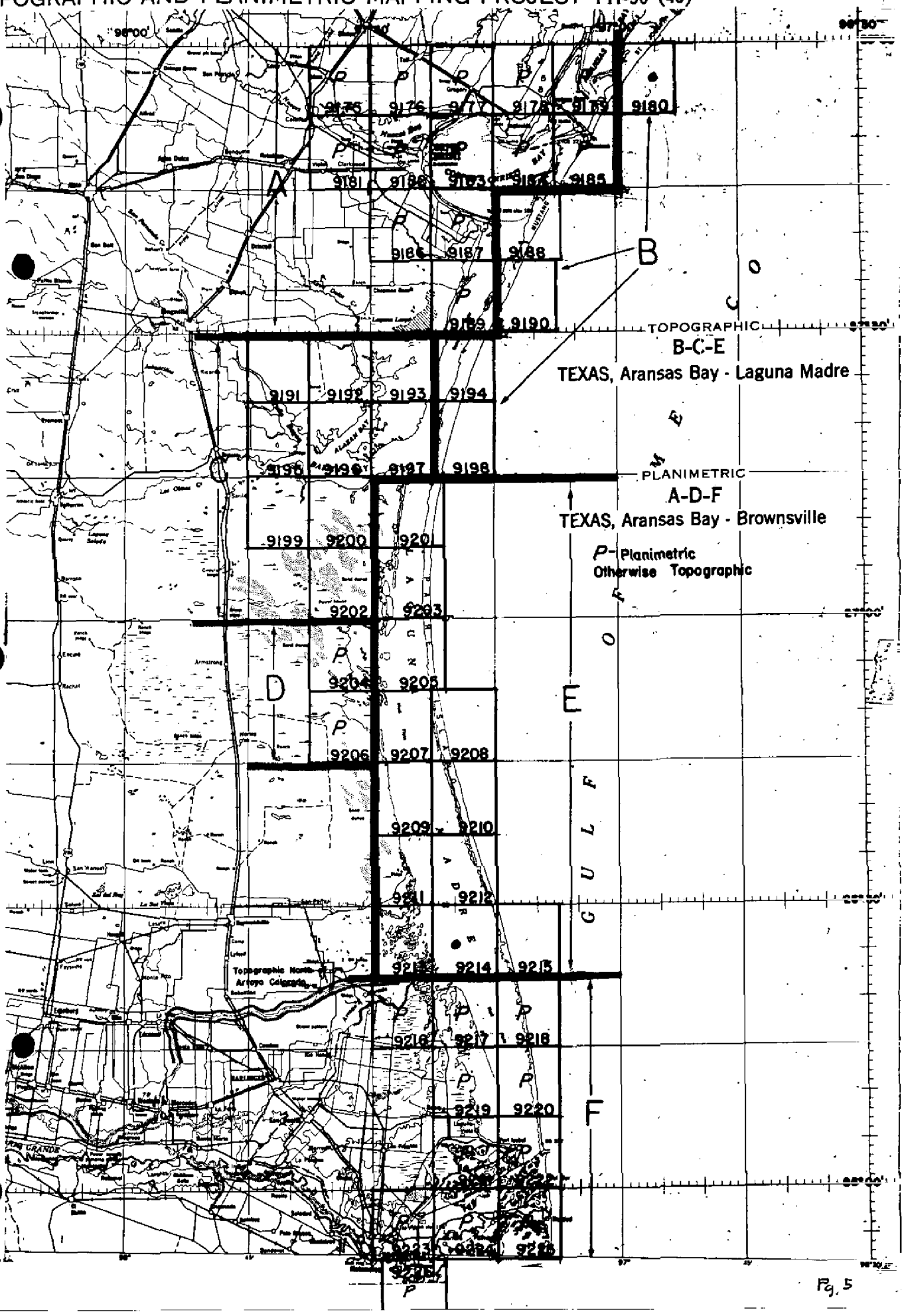
Proof Edit by (IV): H. Steinfeld Date: 7-3-53

Land Area (Sq. Statute Miles) (III): 56 sq. miles
Shoreline (More than 200 meters to opposite shore) (III): none
Shoreline (Less than 200 meters to opposite shore) (III): 11
Control Leveling - Miles (II): none
Number of Triangulation Stations searched for (II): 9 Recovered: 8 Identified: 6*
Number of BMs searched for (II): 28 Recovered: 18 Identified: 18
Number of Recoverable Photo Stations established (III): none
Number of Temporary Photo Hydro Stations established (III): none

Remarks:
* Includes STOCKTON, 1949, which is just outside the limits of this survey.

M-2618-12(4)

TOPOGRAPHIC AND PLANIMETRIC MAPPING PROJECT PH-36 (48)



Summary T-9186

Project Ph-36(48) consists of fifty-two quadrangles at 1:20,000, each 7.5 minutes in latitude and longitude, covering the Gulf Coast of Texas and the Intracoastal Waterway from Aransas Bay to Brownsville and the Mexican border. Adjoining the project to the north is a series of planimetric surveys in Part IV of Project Ph-14(46).

Information concerning Ph-36(48) in its broader aspects will be included in a project completion report to be compiled at the conclusion of the review of all surveys in this project.

Twenty-six of the quadrangles in this project are topographic surveys and are to be published at 1:24,000 scale by the Geological Survey. The other twenty-six quadrangles are planimetric surveys. Of these, nineteen are to be used as bases by the Geological Survey for the compilation of 7.5 minute topographic quadrangles and will not be published as planimetric maps. The remaining seven, T-9175, T-9176, T-9177, T-9181, T-9189, T-9204, and T-9206, will be published as planimetric maps.

Cloth-backed lithographic prints of the original map manuscripts at compilation scale and the descriptive reports for all maps in this project will be filed in the Bureau Archives. Cloth-backed copies of the published topographic quadrangles at 1:24,000 scale will also be filed.

All special reports except the Geog. Names Report will be filed in the Project Completion Report.

2. AREAL FIELD INSPECTION:

This planimetric quadrangle is located in southern Texas just west of Corpus Christi Bay and south of the City of Corpus Christi.

The northeast section is undergoing constant changes in planimetry because of the expansion of the City of Corpus Christi. New real estate sub-divisions are laid out with development proceeding immediately.

The area is both rural and suburban. Much of the area is under cultivation as truck farms. Truck crops are found intermingled with recent real estate developments. As the area is flat and very fertile, it is well suited to this use. However, water run-off is slow, causing damage to crops during the wet season.

The King Ranch extends into SE corner of the quadrangle. There are three State Highways crossing the quadrangle. They are: Nos. 286, 357 and 358. The former is of more importance to residents of the area as it serves as the main route to markets and shipping centers in Corpus Christi. The last two are access roads to U.S. Navy flight training fields. In addition, several streets are extended into the area from Corpus Christi.

Agriculture is the chief industry of the area with petroleum second in importance.

Oso Creek flows across the quadrangle in a general northwest to southeast direction, and is the most prominent natural feature.

Field inspection was done on 1:20,000 scale single lens ratio prints and is believed to be adequate and complete.

In general, the entire area photographed a grey tone. In most cases, there is no variation in tone between bare ground and grass covered areas, the soil itself being very dark. Mesquite and chaparral areas have a mottled tone on the photographs. And, of course, sand areas are white.

3. HORIZONTAL CONTROL:

Immediately prior to the start of field inspection, an area triangulation scheme was executed by the Division of Geodesy. All horizontal control existing prior to this was traverse stations of the U.S. Geological Survey.

The following U. S. Geological Survey traverse stations, within the quadrangle or immediately adjacent thereto, were not recovered:

PTS No. 3 Texas F 15 1922
PTS No. 4 Texas F 16 1922
PTS 19Y 1923
PTS 20Y 1923

The 1949 stations mentioned previously are the only existing control within the confines of this quadrangle. There was no previously established C & GS control.

4. VERTICAL CONTROL:

All Coast and Geodetic Survey and Geological Survey bench marks were searched for or recovered.

The following second-order bench marks within the quadrangle were indicated on the control index for the project as furnished by the Washington Office and were recovered and identified:

E - 608	A - 610	M - 920	G - 633
F - 608	B - 610	N - 920	H - 633
H - 608	C - 610	S - 920	J - 633
J - 608			
K - 608			
L - 608			
M - 608			
N - 608			

Form 685 was submitted also for each of 24 other bench marks adjacent to this quadrangle on the west and south.

5. CONTOURS AND DRAINAGE:

As this is a planimetric map no contouring was done.

Drainage is into Corpus Christi Bay except for the southwest corner. Oso Creek drains the major portion of the quadrangle and flows into Corpus Christi Bay in T-9187 (1949). The northeast corner of the area drains directly into Corpus Christi Bay. The southwest corner of the area drains into Agua Dulce Creek and eventually into Laguna Madre.

6. WOODLAND COVER:

All woodland cover consists of mesquite and chapparal, and

was classified as SCRUB in accordance with Photogrammetry Instructions No. 21, dated 18 August 1948.

7. SHORELINE AND ALONG SHORE FEATURES:

Shoreline within the confines of this map is that along Oso Creek and is of no importance to navigation as ~~is~~ this is not a navigable stream.

The water level in the creek is influenced entirely by weather conditions. After heavy rainfall the creek is in flood for a short time. Easterly winds cause a change in the water level near Corpus Christi Bay, but have no influence upon the water level of the creek in this area except under abnormal conditions such as hurricanes.

No attempt was made to locate a mean high water line. This stream is dry in dry weather. The line indicated on the photographs is the water line of the creek except in extreme dry weather or under abnormal flood conditions.

There are no along shore features worthy of mention.

8. OFFSHORE FEATURES:

Inapplicable.

9. LANDMARKS AND AIDS:

There are no landmarks for nautical charts within the confines of this map. 2 Tanks submitted by Field Editor Ch Ltr 855(51)

Interior landmarks are power transmission lines, a railroad, highways, two naval air bases, etc.

Aeronautical aids were listed on Form 567.

There are no fixed or floating aids to navigation within the quadrangle.

10. BOUNDARIES, MONUMENT AND LINES:

All information on boundaries will be found in "Special Report, Boundaries, Baffin Bay to Latitude 28° 00', Project Ph-36(48)".

11. OTHER CONTROL:

No other control of any type was established.

12. OTHER INTERIOR FEATURES:

Road classification was done in accordance to Photogrammetry Instructions No. 10, dated 14 April 1947 as amended 24 October 1947.

Buildings and Structures were classified in accordance to Photogrammetry Instructions No. 29, dated 1 October 1948.

There are no bridges or cables over navigable waters. Nor is there any submerged pipe line or cable crossings.

A highway bridge on Texas State Highway 286 over Oso creek is a prominent interior landmark.

Cabaniss and Rodd Fields are part of the U. S. Navy's advanced air training system. Both are within the quadrangle. Cabaniss Field was on an active status at the time of field inspection while Rodd Field was on an inactive status.

Cuddihy Field adjoins the quadrangle in the northwest. Although it is also a part of the Navy system, it was leased and operated by the City of Corpus Christi at the time of field inspection.

13. GEOGRAPHIC NAMES:

Geographic names investigation is now in progress and will be covered in a special report.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA:

Special reports effecting this map are:

"Special Report - Boundaries - Baffin Bay to Latitude 28° 00' - Project Ph-36(48)".

A special report on geographic names will be submitted at a later date. The title and area to be covered by the report is not known at present.

Coast Pilot information will also be a special report to be submitted at a later date.

There are no special maps and plats to be submitted with field data for this map other than those contained in the Special Reports.

Form 567 for Aeronautical Aids.

Letter transmitting field records No. Ph-36-Field-19.

Approved:

George E. Morris Jr.

GEORGE E. MORRIS, JR.
Lt. Comdr., USC&GS
Chief of Party

Submitted:

Frank M. Wisiecki

F. M. WISIECKI
Cartographic Survey Aid

Photogrammetry

MAP T-9186 PROJECT NO. Ph-36(48)A 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)
KLEPAC, 1949	G-8043 P.3 Field	N.A. 1927	27 40 57.370 97 24 43.805			1765.9 81.0 1200.4 443.8	
SUB.PT. KLEPAC, 1949			27 40 97 24			1815.7 (31.2) 1278.0 (366.2)	
STOCKTON, 1949	G-8043 P.3- Field	"	27 37 46.259 97 30 09.822	{ plots SW of sheet limits		1423.8 422.9 269.3 1375.7	
SUB.PT. STOCKTON, 1949		"	27 37 97 30			1427.8 (418.9) 284.1 (1360.9)	
ST.CYRIL AND METHODIUS CATHOLIC CHURCH CROSS 1949	G-8043 P.10 Field	"	27 43 43.19 97 24 43.08			1329.4 (517.4) 1180.0 (463.5)	
CORPUS CHRISTI RADIO STATION KRIS TOWER 1949	G-8043 P.11 Field	"	27 43 38.84 97 22 43.78			1195.5 (651.3) 1199.2 (444.3)	
		"					
Corpus Christi, Cabaniss Field, Control Tower, Beacon, 1949	IV page 502	"	27 42 14.380 97 26 14.030				
Corpus Christi, Cabaniss Field, Stack, 1949	"	"	27 42 19.812 97 26 01.397				
Corpus Christi, Rodd Field, Control Tower, Beacon, 1949	IV P. 504	"	27 38 49.978 97 22 36.790				
RODD, 1949	IV 497	"	27 38 21.847 97 22 33.892				

1 FT. = .3048006 METER

COMPUTED BY: M.F.Kirk DATE 24 Aug.1949 CHECKED BY: F.J.Tarcza DATE 8/24/49

M-2388-12

COMPILATION REPORT

T - 9186

PHOTOGRAMMETRIC PLOT REPORT

The radial plot report for this area is bound with the descriptive report for T-9175, submitted to the Washington Office on 16 December 1949.

31. DELINEATION

Tnis survey was delineated by graphic methods only.

32. CONTROL

The identification and density of horizontal control was adequate.

33. SUPPLEMENTAL DATA

Geographic Names Standards, dated 4 November 1949, on U.S.G.S. OSO CREEK, TEXAS, quadrangle and Clarkson's City map of Corpus Christi were furnished by the Washington Office.

The following were furnished by the field party:

1. Layout of U.S.N. Air Station Cabaniss Field
2. Layout of U.S.N. Air Station Rodd Field
3. Layout of U.S.N. Outlying Field 20
4. Nueces County Highway Map showing roads and commissioner precincts

34. CONTOURS AND DRAINAGE

Contours - inapplicable.

Drainage - See field report item No. 5.

35. SHORELINE AND ALONGSHORE DETAILS

See paragraph 7 of field report.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

Form 567 for three aeronautical aids furnished by Charles W. Clark dated 24 May 1949 has already been submitted. Copies are being submitted with this report. One of these aeronautical aids, Cuddihy

37. LANDMARKS AND AIDS (continued)

Field Revolving Beacon, lies about 110 mm west of the manuscript, outside the project limits.

38, CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions with Survey T-9182 to the north and with Survey T-9187 to the east have been made and are in agreement. There are no contemporary surveys to the south and west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. AIR FIELDS

See Field Inspection Report, paragraph 12.

42 through 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Survey No. T-9186 has been compared with the following:

1. U.S.G.S. OSO CREEK, TEXAS, quadrangle, scale 1:62,500 edition of 1925 reprinted 1946.

2. U.S.C.& G.S. Air photo compilation, No. T-5365, scale 1:20,000 dated 1934.

47. COMPARISON WITH NAUTICAL CHART

Survey No. T-9186 has been compared with USC&GS Chart No. 523 scale 1:40,000, published 10-10-49 and corrected to 12-19-49.

Items to be applied to nautical charts

None.

Items to be carried forward

None.

Respectfully submitted

Judson Y. Council

Judson Y. Councill
Cartographic Draftsman

Approved and forwarded
10 March 1950

Hubert A. Paton

Hubert A. Paton
Comdr., US C&GS
Officer in Charge

ADDENDUM TO

COMPILATION REPORT

T-9186

31. DELINEATION

Map Manuscript T-9186 has been compared with nine lens photographs 25771 through 25774 dated May 4, 1950, scale 1:20,000. Revisions and additions have been made in red.

Respectfully submitted
18 September 1950.

Joseph W. Vonasek
Cartographer (Photo.)

48. GEOGRAPHIC NAMES

- Ayers St
- Cabaniss Field
- Chapman Ranch
- Chapman Ranch Road
- Church of God
- Commissioner Precinct IV (Not mapped in accordance with instructions)
- Corpus Christi
- Everhart Road
- Fannin School
- Farm Road 665
- Gardendale
- Gollihar Road
- Holly Road
- Horne Road
- King Ranch
- Kostoryz Road
- Kostoryz School
- Lane School
- Lexington Boulevard
- London School
- Nueces County
- Ocean Drive
- Old Brownsville Road
- Oso Creek
- Outlying Field 20
- Port Ave
- Rabbit Run Road
- Rancho Viejo Windmill
- Rodd Field (Well)
- Santa Fe Drive Street (6-9-53, ~~AJC~~)
- South Staples St
- South Alameda St.
- St. Cyril and Methodius Catholic Church (Also a station name)
- Sunshine Baptist Church
- Texas Hy 286
- Texas Hy 357
- Texas Hy 358
- U.S. Government RR
- Victory Gin
- Weber Road

Names underlined in red are approved
9-3-52
L. Heck

Form T-2

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T-9186

1. Projection and grids JWW 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 JWW
9. Plotting of sextant fixes None 10. Photogrammetric plot report JWW 11. Detail points JWW

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline JWW 13. Low-water line None 14. Rocks, shoals, etc. None 15. Bridges None 16. Aids to navigation None 17. Landmarks None 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 JWW 32. ~~Public land lines~~ _____

MISCELLANEOUS

33. Geographic names JWW 34. Junctions JWW 35. Legibility of the manuscript JWW 36. Discrepancy overlay JWW 37. Descriptive Report JWW 38. Field inspection photographs JWW 39. Forms JWW

40. Joseph W. Wlasek — Reviewer; Joseph Stanley — 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 Aeronautical Charts Corpus Christi, Texas 24 May , 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 _____

Charles W. Clark *Chief of Party.*

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	OFFSHORE CHART	CHARTS AFFECTED
Cuddihy	Field Revolving Beacon[1]		27 44	759.1	97 30	1078.5	NA 1927	TRI T-9186	1949				

1. This beacon is in operation only when necessary.

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating* [illegible] area and not by

Field Edit Report, T-9186

51. Methods.--A complete field edit of shoreline and data for nautical charts was made but all interior features were not systematically checked as a comparison with the U. S. Geological Survey contour sheet will serve this purpose. This is in accordance with the Chief, Division of Photogrammetry's letter dated 2 August 1951, reference 711-lmh, subject: Field Edit, Project Ph-36.

A careful study of the mapping of the shoreline of Oso Creek was made during August and September. Numerous visits to the shoreline at several points were made. It was determined that the average change in wind does not affect the water stage to any degree. Rains effect it quickly and much more often than tidal conditions. Recommendations as to the delineation of the shoreline are made on the Field Edit Sheet.

Field edit information will be found on the Discrepancy Print, the Field Edit Sheet, photographs 48-0-1198 and 1199, and Navy drawing No. 820 of Cabaniss Field.

52. Adequacy of compilation.--After application of field edit information and comparison with the U. S. Geological Survey contour sheet the compilation will be adequate.

53. Map accuracy.--No accuracy check was made.

54. Recommendations.--No recommendations are offered.

55. Examination of proof copy.--Mr. Conrad M. Blucher, County Surveyor of Nueces County has agreed to make the examination. His address is County Courthouse, Corpus Christi, Texas.

No discrepancies in geographic names were noted.

Respectfully submitted,
1 November 1951

William H. Shearouse

William H. Shearouse,
Cartographer

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

Photogrammetric Review Section

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Corpus Christi, Texas — 1 November, 1951

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

P. L. Bernstein, *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
TANK	Elevated steel, painted orange & white (145 feet high)		27 44	~~1328~~ 1317	97 25	~~580~~ 590	N. A. 1927	Photo-plot T-9186	1951	x	x		523 1286
TANK	Elevated steel, painted orange & white (135 feet high)		27 43	~~1768~~ 1763	97 22	~~834~~ 822	"	"	1951	x	x		same

Ch Let 855 (51)

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

[redacted] AIDS [redacted] FOR CHARTS

TO BE CHARTED [redacted] } STRIKE OUT ONE AERONAUTICAL CHARTS Corpus Christi, Texas 24 May, 1949

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on [redacted] the charts indicated.

The positions given have been checked after listing by _____

Charles W. Clark *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
Cuddihy Field Revolving Beacon[1]			27 44	759.1	97 30	1078.5	NA 1927	TRI T-9186	1949				
Redd Field Revolving Beacon[2]			27 38	1538.4	97 22	1008.8	NA 1947	TRI T-9186	1949				
Cabaniss Field Revolving Beacon[1]			27 42	442.3	97 26	384.7	NA 1947	TRI T-9186	1949				

1. These beacons are in operation only when necessary - not on 24 hour schedule.

2. This beacon is in existance but as the field is on an inactive status the beacon is not in operation.

Review Report
Planimetric Map T-9186
12 September 1952

62. Comparison with Registered Topographic Surveys:

T-1043	(1867)	1:20,000
T-1626	(1881-82)	1:20,000
T-4873	(1934)	1:20,000
T-5365	(1934)	1:20,000

Numerous cultural changes have taken place in the area. For nautical charting purposes, the old topographic surveys are superseded by the new map (T-9186).

63. Comparison with Maps of Other Agencies:

Oso Creek quadrangle, USGS, Edition 1925, Reprint 1946, 1:62,500.

The USGS map does not show the new cultural developments on the outskirts of Corpus Christi.

64. Comparison with Contemporary Hydrographic Surveys: None

65. Comparison with Nautical Charts:

Chart No. 523, 8 May 1950, 1:40,000
Chart No. 1286, 14 April 1952, 1:80,000
No major discrepancies noted.

66. Adequacy of Results and Future Surveys:

This map complies with the project instructions and the National Map Accuracy standards.

Water stages in a portion of Oso Creek vary widely with meteorological conditions. In view of this, it was decided to omit the high-water line where it is indefinite and unmarked by visible evidence on the ground, and in its place to indicate by a broken line symbol the approximate limits of areas which were subject to inundation. This decision was arrived at mainly for these reasons: 1) The difficulty found in identifying the MHW line from photographs of the area. 2) It was considered impractical to resolve this situation by extensive leveling.

For a more detailed study and investigation of the problem, refer to the correspondence and sundry reports to be attached to the completion report which will be submitted when the review of the surveys on this project has been completed.

The reasons and the decision reached in adopting the special treatment accorded to the shoreline delineation are discussed in the pages of correspondence and instructions attached to the Descriptive Report for T-9180.

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