

9183

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)A Office No. T-9183

LOCALITY

State TEXAS

General locality CORPUS CHRISTI BAY

Locality INDIAN POINT

194 51

CHIEF OF PARTY

C. W. Clark, Chief of Party.

H.A. Paton, Baltimore Photogrammetric Office

LIBRARY & ARCHIVES

DATE Dec - 2 - 1953

3
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1
00

DATA RECORD

T -9183

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

Field Office (II): Corpus Christi, Texas

Chief of Party: C. W. Clark

Photogrammetric Office (III):
Baltimore, Maryland

Officer-in-Charge: Hubert A. Paton

Instructions dated (II) (III):

Copy filed in Division of
Photogrammetry (IV)

14 February 1949
Supplement No. 2 (Field) 26 July 1949
28 July 1949
8 June 1949

Office Files

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): None

Date received in Washington Office (IV): 1-12-50 Date reported to Nautical Chart Branch (IV): 1-19-50

Applied to Chart No. 523 Date: 1-23-50 Date registered (IV): 7-30-53
893 11-19-51

Publication Scale (IV): Not published

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): Indian Point, 1933

Lat.: 27° 51' 08.480" (261m) Long.: 97° 21' 27.620 (755.7m) Adjusted
~~Unadjusted~~

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)

Planimetric

DATA RECORD

Field Inspection by (II): **F. M. Wisiecki**
W. M. Reynolds

Date: **April 1949**
June 1949

Planetable contouring by (II): **None**

Date:

Completion Surveys by (II): **W.H. Shearouse**

Date: **Oct 26, 1951**

Mean High Water Location (III) (State date and method of location): **12/8/48**

Identified on field photographs

Projection and Grids ruled by (IV): **W.E.W.**

Date: **6-23-49**

Projection and Grids checked by (IV): **H.D.W.**

Date: **6-27-49**

Control plotted by (III): **F. J. Tarozza**

Date: **8-3-49**

Control checked by (III): **B. Wilson**

Date: **8-15-49**

Radial Plot or Stereoscopic
Control extension by (III):

Date:

Stereoscopic Instrument compilation (III):
Planimetry
Contours

Date:

Date:

Manuscript delineated by (III): **Ruth M. Whitson**

Date: **12-14-49**

Photogrammetric Office Review by (III): **R. Glaser**

Date: **1-3-50**

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

None

Date:

Camera (kind or source) (III): U.S.C. & G. S. single lens, type O,
Focal length 6 inches.

PHOTOGRAPHS (III)

Number <u>Ratio prints</u>	Date	Time	Scale	Stage of Tide
1146 to 1149 inclusive	12/8/48	1107	1:20,000	Not computed (Tide negligible)
1163 to 1166 inclusive	12/8/48	1122	1:20,000	"

Contact prints

1763 to 1766 inclusive	12/9/48	1256	1:20,000	"
25768 25769	5/4/50		"	

Tide (III)

Diurnal

Ratio of Ranges	Mean Range	Spring Range
1.0	1.0	1.4

Reference Station: Galveston

Subordinate Station:

Subordinate Station:

Washington Office Review by (IV): *C. Theurer*

Date: 9-29-52

Final Drafting by (IV): *E. Lemon & Hunter*

Date: 4-29-53

Drafting verified for reproduction by (IV): *Wood Hallum*

Date: 4-29-53

Proof Edit by (IV): *H. Strufler*

Date: 5-15-53

Land Area (Sq. Statute Miles) (III): $1\frac{1}{2}$ sq. Statute mile

Shoreline (More than 200 meters to opposite shore) (III): 9

Shoreline (Less than 200 meters to opposite shore) (III): 4

Control Leveling - Miles (II): 0

Number of Triangulation Stations searched for (II): 17; Recovered: 16

Identified: 16

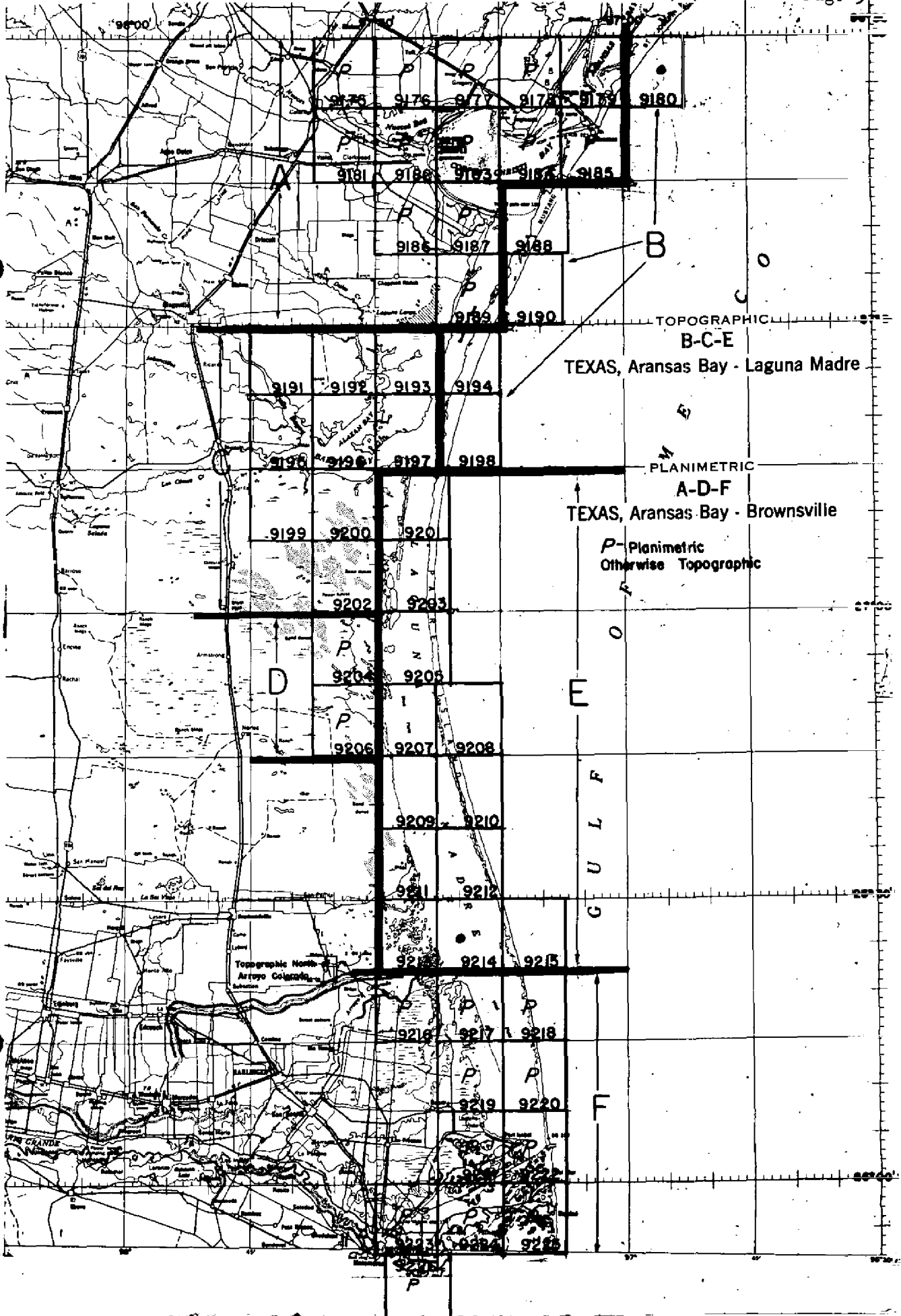
Number of BMs searched for (II): 1; Recovered: 1

Identified: 1

Number of Recoverable Photo Stations established (III): None

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

Remarks:



TOPOGRAPHIC
B-C-E
TEXAS, Aransas Bay - Laguna Madre

PLANIMETRIC
A-D-F
TEXAS, Aransas Bay - Brownsville

P - Planimetric
Otherwise Topographic

G
U
L
F
O
F
M
E
X
I
C
O

Summary T-9183

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 shoreline 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-9169, T-9204, and T-9205, 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.

~~AREAL~~
2. AREAL FIELD INSPECTION

This quadrangle is located in southern Texas and just east of the city of Corpus Christi. The land area consists only of a narrow marshy point extending southwest from the small town of Portland for approximately 2.5 miles. This point is the dividing line between Corpus Christi and Nueces Bays.

The small settlement of Portland is the only inhabited part of the area. Portland is a small town and has no industry worthy of mention.

The majority of the area of this quadrangle is located in Corpus Christi Bay and a very small part in the NW corner is located in Nueces Bay. Nueces Bay is very shallow and has numerous shell and mud bars and is navigable for small, shallow draft boats only. Corpus Christi Bay has an average depth of 12 to 14 feet and is very much in use by commercial fishing. The shrimping industry is the major industry of the area. The Port Aransas-Corpus Christi Channel, which affords an outlet to the Gulf of Mexico, for sea going vessels crosses the quadrangle in an east-west direction.

U. S. Highway 181 and a branch of the Southern Pacific Railroad crosses the northwest corner of the quadrangle.

Field inspection is believed to be adequate and complete as of 15 June 1949.

One item was left for the field editor. A new causeway across Nueces Bay is under construction. Very little of the work has been done at the time of this survey and the exact location of the causeway could not be determined. Final location is to be done by the field editor.

The photographs were of recent date and no difficulty was encountered in interpreting them. The photograph tones vary from white in sand and shell areas to very dark in marsh.

3. HORIZONTAL CONTROL

All U. S. Coast and Geodetic Survey Stations were searched for or recovered. Bayview College Recitation Hall Belfry, 1905-1931 and Corpus Christi Channel Beacon No. 19 were searched for but not found.

See "Special Report on Supplemental Control, Project Ph-36 (48)" for additional control in this area.

4. VERTICAL CONTROL

One U.S.C. & G.S. Bench Mark was recovered and identified in this quadrangle, "Indian Point - 1933."

No additional vertical control was established by this party.

5. CONTOURS AND DRAINAGE

As this is a planimetric map, no contouring was done.

The only drainage in the area is run off into Corpus Christi and Nueces Bay.

6. WOODLAND COVER

There is no woodland cover within this quadrangle.

7. SHORELINE AND ALONGSHORE FEATURES

See Revision Report T9150

The mean high water line of the area is a narrow point which separates Corpus Christi Bay and Nueces Bay. The mean high water line on the NW side of the point is indefinite. The marsh line, on the SE side the mean high water line is fast land and is along the outshore edge of a narrow shell beach along the edge of the marsh.

Winds create the tidal action in Corpus Christi and Nueces Bay and the low water line is synonymous with the mean high water line.

A prominent bluff is found along the edge of the marsh SW of Portland. This bluff is from 25 to 40 feet high and is the most prominent natural feature of the area. The edge of the bluff is easily identified on the photographs.

Two small piers are located within the area. These are adequately covered by field inspection notes.

There are no Shoreline Structures other than the houses along the southern edge of the town of Portland.

8. OFFSHORE FEATURES

A wreck off Donnell Reef was reported and a search of the area was made by this party, but the wreck was not located. According to local information, the wreck is submerged at all times and will have to be located by a Hydrographic Party.

9. LANDMARKS AND AIDS

One landmark, for nautical charts, was selected. A small water tank in the town of Portland was identified on the photographs for location by the radial plot.

See "Special Report Location of Fixed Aids to Navigation Ph-36(48) Latitude 28° 00' to Baffin Bay."

10. BOUNDARIES, MONUMENTS, AND LINES

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

11. OTHER CONTROL

No other control was established by this part.

12. OTHER INTERIOR FEATURES

There are no bridges or cables over navigable streams in the area. *The clearance for the RR Bridge to Corpus Christi is on T 9182. The cause way ^{was} was under construction. No clearance - data incl.*

All roads were classified in accordance with Photogrammetry Instructions No. 10 dated 14 April 1947 as amended 24 October 1947.

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

13. GEOGRAPHIC NAMES

Field investigation of geographic names was in progress at this time. All names will be found in a special report, the title and limits of the area covered are not known at this time.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

The following are special reports and other Supplemental Data applicable to this map.

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

A special report on Geographic Names.

"Special Report, Location of Aids to Navigation, Project Ph-36 (48), Latitude 28° 00' to Baffin Bay."

A Special Report on Coastal Pilot Information.

"Special Report on Supplemental Control, Project Ph-36(48)."

Right of Way Map U. S. Highway 181.

Letter of Transmittal, Ph-36, Field-8.

Submitted:
20 June 1949

William M. Reynolds
WILLIAM M. REYNOLDS
Cartographer

Approved:
22 June 1949

Charles W. Clark
CHARLES W. CLARK
Lt. Comdr., USC&GS
Chief of Party

MAP T. 9183

PROJECT NO. Ph-36(48)A

SCALE OF MAP 1:20,000

SCALE FACTOR

none

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
CORPUS CHRISTI CHANNEL LIGHT, 74 ✓ 1949	G-8133 P.6	NA 1927	27° 48' 39.345"	97° 20' 38.686"				1211.1 1058.9	(635.8) (583.4)		
CORPUS CHRISTI CHANNEL LIGHT, 80 ✓ 1949	G-8133 P.6	"	27° 48' 38.938"	97° 21' 56.488"				1198.6 1546.1	(648.3) (96.1)		
ENCINAL CHANNEL LIGHT 20, 1949 ✓	G-8133 P.7	"	27° 46' 40.991"	97° 15' 04.514"				1261.7 123.6	(585.1) (1519.0)		
ENCINAL CHANNEL LIGHT 25, 1949 ✓	G-8133 P.7	"	27° 45' 39.938"	97° 15' 23.322"				1229.3 638.6	(617.5) (1004.4)		
ENCINAL CHANNEL LIGHT 26, 1949 ✓	G-8133 P.7	"	27° 45' 41.930"	97° 15' 28.875"				1290.6 790.7	(556.2) (852.3)		
INDIAN POINT, 1933 ✓	G-2874 P.67	"	27° 51' 08.480"	97° 21' 27.620"				261.0 755.7	(1585.8) (885.9)		
SUB. PT INDIAN POINT, 1933			27° 51'	97° 21'				194.8 815.8	(1652.0) (825.8)		
CORPUS CHRISTI CHANNEL BEACON No. 10, 1934 ✓	G-2874 P.77	NA 1927	27° 48' 40.566"	97° 16' 44.879"				1248.7 1228.4	(598.2) (413.9)		
CORPUS CHRISTI CHANNEL BEACON No. 12, 1934 ✓	G-2874 P.77	"	27° 48' 40.360"	97° 18' 02.825"				1242.3 77.3	(604.5) (1564.9)		
CORPUS CHRISTI CHANNEL BEACON No. 14, 1934 ✓	G-2874 P.77	"	27° 48' 40.037"	97° 19' 21.113"				1232.4 577.9	(614.5) (1064.4)		
CORPUS CHRISTI CHANNEL BEACON No. 17, 1934 ✓	G-2874 P.77	"	27° 48' 35.365"	97° 15' 26.758"				1088.6 732.4	(758.3) (909.9)		
CORPUS CHRISTI CHANNEL BEACON No. 21, 1934 ✓	G-2874 P.77	"	27° 48' 34.896"	97° 18' 02.809"				1074.1 76.9	(772.7) (1565.4)		

Page 11

M-2368-12

1 FT. = 3048006 METER

COMPUTED BY: F. J. Tarozza

DATE 20 July 1949

CHECKED BY: M. L. Rosenberg

DATE July 26, 1949

MAP T. 2183 PROJECT NO. Ph-36(48)A 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		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
CORPUS CHRISTI CHANNEL BEACON No. 21, 1934 ✓	G-2874 P.77	NA 1927	27° 48'	34.896				1074.1	(772.7)		
CORPUS CHRISTI CHANNEL BEACON No. 23, 1934 ✓	G-2874 P.77	NA 1927	27° 18'	02.809"				76.9	(1565.4)		
CORPUS CHRISTI CHANNEL BEACON No. 25, 1934 ✓	G-2874 P.78	"	27° 48'	34.613				1065.4	(781.4)		
CORPUS CHRISTI CHANNEL BEACON No. 27, 1934 ✓	G-2874 P.78	"	27° 19'	21.070"				576.7	(1065.6)		
CORPUS CHRISTI CHANNEL LIGHTS, 50 1949 ✓	G-8133 P.4	"	27° 48'	34.137"				1050.8	(796.1)		
CORPUS CHRISTI CHANNEL LIGHTS, 55 1949 ✓	G-8133 P.4	"	27° 20'	38.674"				1058.5	(583.7)		
			27° 48'	33.644"				1035.6	(811.3)		
			27° 21'	56.420"				1544.3	(98.0)		
			27° 48'	40.677"				1252.1	(594.8)		
			27° 15'	26.787"				733.2	(909.1)		
			27° 48'	35.194"				1083.3	(763.6)		
			27° 16'	44.797"				1226.1	(416.1)		

P29: 12

1 FT. = 3048006 METER COMPUTED BY: F. J. Tarozza DATE: 20 July 1949 CHECKED BY: M. L. Rosenberg DATE: 26 July 1949

COMPILATION REPORT

T-9183

PHOTOGRAMMETRIC PLOT REPORT

Refer to radial plot report for this area, which is bound with the descriptive report for Survey No. T-9175.

31. DELINEATION

This survey was delineated by graphic methods.

The field party furnished the necessary information for locating four traverse stations on the centerline of the proposed Nueces Bay Causeway. Three of these traverse stations fall on this survey and one on the adjoining survey, T-9182. Of the three stations on this manuscript, only two were plotted and used in conjunction with the one on T-9182 to establish the location of the proposed centerline. The centerline of the proposed causeway thus established, was delineated on the back of the manuscripts with a black dashed line for the convenience of the field edit party. A discrepancy overlay has been prepared and is being submitted with this manuscript.

These traverse stations were deleted. - accuracy unknown

32. CONTROL

The identification, density and placement of the horizontal control was adequate.

33. SUPPLEMENTAL DATA

Geographic Names Standards No. 2 and No. 4, dated 11-4-49, were furnished by the Washington Office.

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

Boundary Sheet No. 12A, the Nueces County Highway Map, and the Map of San Patricio County, Texas, were used in connection with the Boundary Report.

Special Report, Location of Aids to Navigation, Project Ph-36(48) Latitude 28° 00', to Baffin Bay.

Photostat of Right of Way Map, U.S. Highway 181, for proposed causeway across Nueces Bay from Portland to Corpus Christi, Scale 1" = 400 ft., dated October 1946, office of District Engineer, Corpus Christi, Texas.

33. SUPPLEMENTAL DATA (cont'd)

Photostat of Proposed Corporate Limits of Portland, Texas, scale 1" = 660 ft., dated 20 February 1949, drawn by R. S. King.

34. CONTOURS AND DRAINAGE

Contours - inapplicable.

Drainage - Refer to Field Report, paragraph No. 5.

35. SHORELINE AND ALONGSHORE DETAILS

No comment.

Refer to the field report, paragraph 7.

36. OFFSHORE DETAILS

No comment.

Refer to Field Report, paragraph 8.

37. LANDMARKS AND AIDS

Form No. 567 is being submitted for a water tank in Portland. See Field Report, paragraph 9.

Form No. 567 for twenty-two non-floating aids to navigation which was furnished by Chas. W. Clark, June 15, 1949, was completed and is being submitted by this office. See Special Report Location of Fixed Aids to Navigation, Ph-36(48), Latitude 28° 00' to Baffin Bay.

Chart letter 512(49)

38. CONTROL FOR FUTURE SURVEYS

No comment.

39. JUNCTIONS

Junction with Surveys Nos. T-9184 to the east, T-9182 to the west, T-9177 to the north, has been made and is in agreement.

The junction with Survey No. T-9187 to the south is a water area.

40. HORIZONTAL AND VERTICAL CONTROL

No comment.

41 to 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

This manuscript was compared with the U. S. Geological Survey, Corpus Christi, Texas, Quadrangle, scale 1:62,500, edition 1925, and Air Photo Compilation No. T-5365 (1934) and T-5367 (1934) of this bureau.

47. COMPARISON WITH NAUTICAL CHARTS

Survey No. 9183 has been compared with U.S.C. & G. S. Chart No. 523, scale 1:40,000, published at Washington, D. C., 10 October 1949 corrected to 19 September 1949.

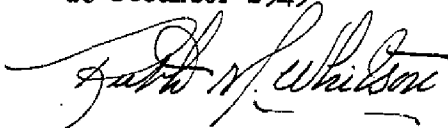
Items to be applied to nautical charts immediately:

None.

Items to be carried forward:

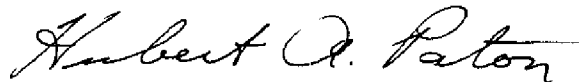
None.

Respectfully submitted
16 December 1949



Ruth M. Whitson
Cartographic Draftsman

Approved and forwarded
10 January 1950



Hubert A. Paton,
Officer in Charge,
Baltimore Photogrammetric Office

48. GEOGRAPHIC NAMES

Commissioner's Precinct IV

Corpus Christi Bay ✓

Corpus Christi Channel ✓

Encinal Channel

Indian Point ✓

* Indian Reef

Nueces Bay ✓

Nueces County ✓

Portland ✓

San Patricio County ✓

Southern Pacific Railroad (S P R R) ✓

Donnel Reef

Long Reef

*Submerged (Reef) not shown
" " " "*

* This feature does not appear on the manuscript, as it is not visible on the photographs.

Geographic names were taken from names standard furnished by the Washington office dated November 4, 1949.

Names underlined in red are approved.

9-26-52

HMG

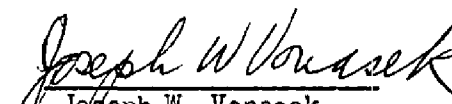
ADDENDUM TO
COMPILATION REPORT

T-9183

31. DELINEATION

Map Manuscript T-9183 has been compared with nine lens photographs 25768 and 25769, dated May 4, 1950, scale 1:20,000. Revisions and additions have been made in red.

Respectfully submitted
18 September 1950


Joseph W. Vonasek
Joseph W. Vonasek
Cartographer (Photo.)

50-

PHOTOGRAMMETRIC OFFICE REVIEW

T. 9183

- 1. Projection and grids B
- 2. Title B
- 3. Manuscript numbers B
- 4. Manuscript size B

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

- 27. Roads B
- 28. Buildings B
- 29. Railroads B
- 30. Other cultural features B

BOUNDARIES

- 31. Boundary lines B
- 32. ~~Public land lines~~

MISCELLANEOUS

- 33. Geographic names B
- 34. Junctions B
- 35. Legibility of the manuscript B
- 36. Discrepancy overlay B
- 37. Descriptive Report B
- 38. Field inspection photographs B
- 39. Forms B
- 40. Raymond Blaser Reviewer
- Joseph Stenberg 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:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~

STRIKE OUT ONE

Corpus Christi, Texas 15 June 1949

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

The positions given have been checked after listing by _____

CHARLES W. CLARK

Chief of Party.

STATE	TEXAS	CHARTING NAME	DESCRIPTION	Light List Symbol Number	POSITION				METHOD OF LOCATION SURVEY	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED				
					LATITUDE		LONGITUDE											
					°	'	°	'							D. P. METERS	D. P. METERS	DATUM	
✓		Light	Corpus Christi Channel Light 49 (Corpus Christi Channel Bn 17 1934)	4522	27	48	1088.6	97	15	732.4				1934 1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 50	4523	27	48	1252.1	97	15	733.2				1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 55	4524	27	48	1083.3	97	16	1226.1				1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 56 (Corpus Christi Channel Bn 10 1934)	4525	27	48	1248.7	97	16	1228.4			Triang	1934 1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 61 (Corpus Christi Channel Bn 21 1934)	4526	27	48	1074.1	97	18	76.9			"	1934 1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 62 (Corpus Christi Channel Bn 12 1934)	4527	27	48	1242.3	97	18	77.3			"	1934 1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 67 (Corpus Christi Channel Bn 23 1934)	4528	27	48	1065.4	97	19	516.7			"	1934 1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 68 (Corpus Christi Channel Bn 14 1934)	4529	27	48	1232.4	97	19	577.9			"	1934 1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 73 (Corpus Christi Channel Bn 25 1934)	4530	27	48	1050.8	97	20	1058.5			"	1934 1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 74	4531	27	48	1211.1	97	20	1058.9			Triang	1949	X	X	523 1286	
✓		"	Corpus Christi Channel Light 79 (Corpus Christi Channel Bn 27 1934)	4532	27	48	1035.6	97	21	1544.3			Triang	1949 1934	X	X	523 1286	
✓		"	Corpus Christi Channel Light 80	4533	27	48	1198.6	97	21	1546.1			Triang	1949	X	X	523 1286	
				Chart letter 512 (49)														

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.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~FOR ENCLOSURES~~

STRIKE OUT ONE

Corpus Christi, Texas 15 June 19 49

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

The positions given have been checked after listing by _____

CHARLES W. CLARK

Chief of Party

STATE	Texas	CHARTING NAME	DESCRIPTION	Light List Number	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE		LONGITUDE							
					°	'	°	'						
		Light ✓	Encinal Channel Light 20	4547	27	46	1261.7	97	15	123.6				523 1286
		" ✓	Encinal Channel Light 25	4548	27	45	1229.3	97	15	638.6				523 1286
		" ✓	Encinal Channel Light 26	4549	27	45	1290.6	97	15	790.7				523 1286
		Daybeacon	Encinal Channel Daybeacon 21	/	27	46	575	97	15	192				523 1286
		"	Encinal Channel Daybeacon 22	/	27	46	636	97	15	340				523 1286
		"	Encinal Channel Daybeacon 23	/	27	46	25	97	15	396				523 1286
		"	Encinal Channel Daybeacon 24	/	27	46	59	97	15	568				523 1286
		"	Encinal Channel Daybeacon 27	/	27	45	614	97	15	852				523 1286
		"	Encinal Channel Daybeacon 28	/	27	45	692	97	15	1000				523 1286
		"	Encinal Channel Daybeacon 30	/	27	45	46	97	15	1232				523 1286
					Chart Letter 512 (49)									

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.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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

TO BE CHARTED
~~TO BE RELEASED~~

STRIKE OUT ONE

December 8

1949

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

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

Herbert A. Paton
Herbert A. Paton
Chief of Party.

STATE	Texas	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE ° ' "	LONGITUDE ° ' "	D. M. METERS	D. P. METERS						
		Tank	Portland water tank ✓	27 52	97 19	785	245	MA 1927	1949	I	I		523 1286	

Chart letter 512 (49)

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.

Field Edit Report, T-9183

51. Methods.--U. S. Highway 181 and other roads were travelled by truck to check their classification and answer questions raised by the Reviewer.

The U. S. Geological Survey contour sheet was not available for comparison but it should be used to take the new U. S. Highway 181 from and be examined for other planimetric changes.

Field edit information will be found on the Field Edit Sheet and photograph 48-0-1163. Violet ink was used for additions and corrections; green for deletions.

52. Adequacy of compilation.--This quadrangle is well-compiled and will be adequate after application of field edit information and comparison with the Geological Survey contour sheet.

53. Map accuracy.--No accuracy test was specified. From visual inspection only, the accuracy appears good.

54. Recommendations.--None offered.

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

No discrepancies were noted in geographic names.

Respectfully submitted,
26 October 1951

William H. Shearouse
William H. Shearouse,
Cartographer

REVIEW REPORT T-9183
Planimetric Map
September 29, 1952

62. Comparison with Registered Topographic Surveys

T-1043	1:20,000	1867
T-4873	"	1934 (Graphic Control)
T-4904	"	1934-35 " "
T-5365	"	1934

This map supersedes these surveys for nautical charting purposes.

64. Comparison with Maps of other Agencies

USGS Corpus Christi SE Quad 1:20,000 1951

This planimetric map was used as a base by the Geological Survey in the compilation of the topographic quadrangle. No discrepancies were noted.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

Chart 523 1:40,000
893 "

1950

Not published at this date. No

The new causeway connecting Rincon and Indian Points is not shown on the chart.

comparison made.

Many small shell bars in Nueces Bay are not shown on the chart.

66. Map Accuracy

This map conforms with the National Standards of Map Accuracy. See Review Report T-9176 for results of a horizontal accuracy test in this area.

Reviewed by:

Charles Theurer
C. Theurer

Approved by:

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

W. B. Munster
Chief, Nautical Chart Branch
Division of Charts

J. S. Reading
Chief, Div. Photogrammetry

Carl O. Heston
Chief, Div. Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T-9183

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
1/23/50	523	D.H. Benson	Before After Verification and Review <i>Partially applied</i>
11/19/51	893	J.G. McGinn	Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
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			Before After Verification and Review

M-2169-1

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.