

9182

original copy

Diag ChT 1286-2

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Planimetric
Field No.	Office No. T-9182
Ph-36(48)A	
LOCALITY	
State	Texas
General locality	Corpus Christi Bay
Locality	Corpus Christi
1951	
CHIEF OF PARTY	
C.W. Clark, Chief of Field Party	
Hubert A. Paton, Baltimore Photo. Office	
LIBRARY & ARCHIVES	
DATE	MAR 25 1955

6-1870-1 (1)

9182

Part Applied to Chart 1286 11/14/1950 L. S. S.
Chart 524: No correction; superseded by 7-12502 JPLW 5/17/65

DATA RECORD

T - 9182

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

Field Office (II): Corpus Christi, Texas

Chief of Party: Charles W. Clark

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: Hubert A. Paton

Instructions dated (II) (III):

14 February 1949, Supplement No. 2(Field) 26 July 1949
 " " " " " " 28 July 1949

Copy filed in Division of

Photogrammetry (IV)

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): *4-11-50*

Date reported to Nautical Chart Branch (IV): *4-13-50*

Applied to Chart No. *1286*

Date: *11-14-50*

Date registered (IV): *7-30-53*

Publication Scale (IV): *Not to be published*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): FAIRVIEW, 1931

Lat.: 27° 48' 15.649" (481.7m)

Long.: 97° 26' 51.410" (1407.2m)

Adjusted

~~coordinates~~

Plane Coordinates (IV):

State: Texas

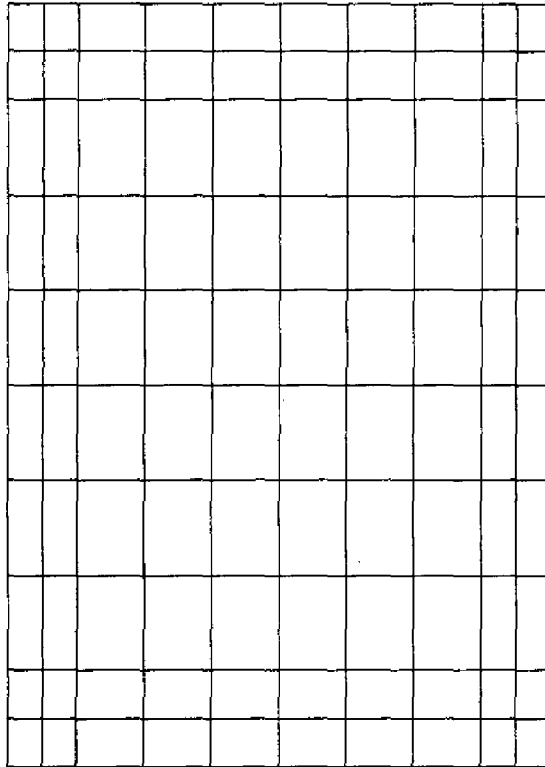
Zone: South

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.



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

PLANIMETRIC

DATA RECORD

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

Date: April, May, June, 1949

Planetable contouring by (II): *Not applicable*

Date:

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

Date: *10-23-51*

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

Identified on field photographs

Date: 9 December 1948

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.Tarcza**

Date: 1 Aug. 1949

Control checked by (III): **M.F.Kirk**

Date: 31 August 1949

Radial Plot ~~of the station~~

Date:

~~Control plotted by (III):~~ **F.J.Tarcza**

9-30-49

Stereoscopic Instrument compilation (III):

Planimetry }
Contours } *Not applicable*

Date:

Date:

Manuscript delineated by (III): **M.F.Kirk**

Date: 17 March 1950

Photogrammetric Office Review by (III): **J.W.Vonasek**

Date: 3 April 1950

Elevations on Manuscript **J.W.Vonasek**
checked by (II) (III):

Date: 27 March 1950

USC&GS Single lens Type "Q", 6" focal length

Camera (kind or source) (III):

Number	Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide
48-0-1753 thru 1759	12/9/48	1248	1:20,000) Tide
48-0-1760 "	1763 "	1255	") negligible
48-0-1202 "	1204 12/8/48	1149	")
48-0-1220 "	1223 12/8/48	1205	")
25769 thru 25773	5/4/50		")

Tide (III)

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

Ratio of Ranges	Mean Range	Spring Range
1.0	1.0	1.4
1.1	1.1	1.5

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

Date: 9-26-52

Final Drafting by (IV): *E. B. Hunter*

Date: 4-28-53

Drafting verified for reproduction by (IV): *W. O. Hallum*

Date: 4-30-53

Proof Edit by (IV): *W. Streifer*

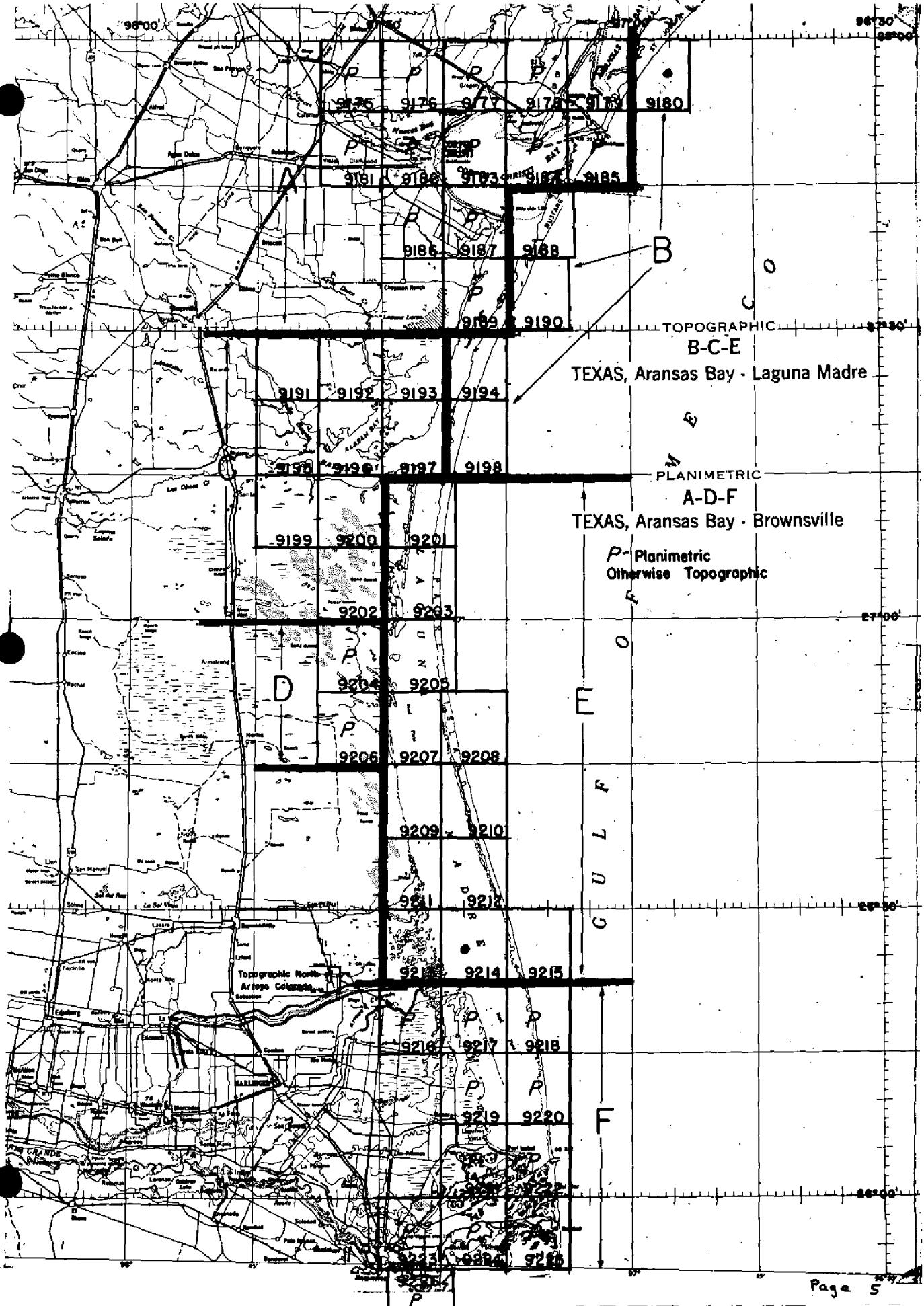
Date: 5-15-53

Land Area (Sq. Statute Miles) (III): 37
 Shoreline (More than 200 meters to opposite shore) (III): 37
 Shoreline (Less than 200 meters to opposite shore) (III): 6
 Control Leveling - Miles (II): 0
 Number of Triangulation Stations searched for (II): 53
 Number of BMs searched for (II): 32
 Number of Recoverable Photo Stations established (III): 1
 Number of Temporary Photo Hydro Stations established (III): none

Recovered: 44 Identified: 15
 Recovered: 22 Identified: 20

Remarks:

TOPOGRAPHIC AND PLANIMETRIC MAPPING PROJECT PH-36 (48)



Summary T- 9182

Project Ph-36(48) consists of fifty-two quadrangles at 1:25,000, 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 1:25,000 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 1:25,000 scale will also be filed.

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

AREAL FIELD INSPECTION.

This planimetric quadrangle is located in southern Texas. The area is about evenly divided between land and water. The land area is predominately farm lands, with the exception of the City of Corpus Christi, which is located in the southeastern part of the quadrangle. The principal agricultural products are cotton and a sizeable amount of truck farming. The entire farming area is very black, fertile soil and also very level.

The City of Corpus Christi, according to local sources, is the fastest growing city in the state and now has a population of over 100,000. The city is served by three railroads and three main highways, in addition to several secondary state routes which converge on the city from various directions. Corpus Christi is also accessible by boat, although it is several miles inland from deep water. Corpus Christi Channel has been dredged across Corpus Christi Bay and connects the city, by water, to the Gulf of Mexico, through Aransas Pass. The channel is dredged to a depth of 31 feet and affords water for sea-going vessels. The transportation of cotton and oil constitute the bulk of the activity of the port and the city ranks second only to Houston in the amount of these cargoes handled by the ports of the state during each year. Several oil refineries are located within the city and the immediate areas adjacent thereto.

Field inspection was done on 1:20,000 single lens, ratio prints and is adequate up to 1 June 1949. The expansion and development of the city is very rapid and numerous changes will have taken place by the time of field edit.

The photography for this project was of recent date and except for cases as noted above, no difficulty was encountered in interpreting the photographs. The entire rural area generally shows with a greyish tone whether there is vegetation on the ground or not. It is believed that the dark color of the farm land accounts for this.

Several items were not completed by the party and were left for completion by field edit. They are:

1. Along the entire southern section of the city are found numerous housing projects in various stages of completion and new streets have also been started to and within the developments.

Where the construction of the buildings was far enough advanced to permit, the new buildings have been indicated on the photographs. Blueprints of the street layout which was finished at the time of this survey are submitted but with the rapid expansion, new additions will probably exist by the time of Field Edit.

2. The area north of the turning basin and along Navigation Boulevard is identical to the above paragraph except that the development is industrial. Construction of a large cement plant has just been started and a new grain elevator is to be located near this site. Construction of the grain elevator is contemplated to begin in the fall. Neither of these were indicated by this survey and will have to be located by field edit.

3. A new barge channel has been dredged from the northwest end of the turning basin to the Corn Products Manufacturing Company plant. The spoil from this dredging was dumped on the Nueces Bay side of the channel and forms a solid spoil bank out in the bay. A blue print of the channel was obtained and is submitted. This spoil bank was not located during field inspection because it was thought the field editor could do it more accurately on a print of the manuscript. The blueprints as furnished by the USED have been tied into photographic detail. The area effected has been labeled on the photographs.

A power transmission line originating at the Nueces Bay plant of the Central Power and Light Company extends a short distance northwestwardly into Nueces Bay. This power line was under construction at the time of field inspection. Final location of this line was left for the field editor. The approximate location of this line has been indicated on the field photographs.

A new causeway over Nueces Bay to replace the existing structure is now under construction. The causeway and approaches will effect quadrangles T-9182 (—), and T-9177 (—). In quadrangle T-9183 (—), four survey stations of the Texas Highway Department were identified for location by the radial plot to aid the compiler and field editor in placing this structure on the map. Construction of this causeway and its approaches will cause a re-routing of U. S. Highway No. 181. See Field Inspection Reports for T-9177 (←) and T-9183 (—).

The mean high water level of the Nueces Bay in the vicinity of the Southern Alkali Corporation is being constantly changed by deposits of refuse. The location of the mean high water level in this immediate area was left for field edit.

These items were all checked and completed by the Field Editor

3. HORIZONTAL CONTROL.

All U.S. Coast and Geodetic Survey control was searched for or recovered. During the progress of this survey, a triangulation scheme was executed by the Division of Geodesy to establish additional horizontal control in the project. None of the new control was actually needed for the control of the quadrangle but the monumented stations were identified at a later date as they were available. Several natural objects were also located by this party. These objects have been labeled on the photographs and can be identified by the office if needed. See "Special Report on Supplemental Control, Project Ph-36 (48)." The following stations were reported lost on Form 526:

Corpus Christi Standpipe, 1905.
Corpus Christi U.S. Weather Bureau Mast, 1934.
Corpus Christi, City Hall West Radio Tower, 1934.
Corpus Christi, City Hall East Radio Tower, 1934
Corpus Christi, Doctor Spohn's House Cupola, 1905.
Corpus, 1905.

4. VERTICAL CONTROL.

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

The following bench marks were recovered and identified:

J 589	✓ T 589	✓ X 589	✓ 3 (T.R.D.)
✓ L 589	✓ U 589	✓ Y 588	✓ A 608
✓ M 589	✓ V 589	✓ Z 589	✓ B 608
✓ N 589	✓ W 589	✓ R 317	
✓ P 589	✓ X 589	✓ X 46	

Form 685 was submitted for these and all other bench marks in the area.

5. CONTOURS AND DRAINAGE.

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

Very little drainage is in evidence in the area. The land is generally level and slopes toward Nueces and Corpus Christi Bays. A very few short guts which drain into the bays are found but no perennial drainage patterns are found in the quadrangle.

6. WOODLAND COVER.

Woodland cover was found to be mesquite, cactus, chaparral, etc., and was classified scrub (S) in accordance with photogrammetry Instructions No. 21, dated 18 August 1948.

7. SHORELINE AND ALONGSHORE FEATURES.

Shoreline in this area is along the west shore of Corpus Christi Bay and the south shore of Nueces Bay.

The high water line of Nueces Bay from the causeway west to the turning basin is the marsh line. For about 1.5 miles west of the turning basin, the shoreline is man-made. The Southern Alkali Corporation has built several dams and dumps the refuse from the plant behind the dams. The dams have been labeled on the photographs and show up clearly.

The mean high water line along the west shore of Corpus Christi Bay is largely a sea-wall which begins just south of the entrance to the turning basin and continues south for two or three miles. In addition to the main sea-wall, individual property owners have constructed retaining walls of concrete across their property to control erosion. In all cases, the ends and construction of these sea-walls and retaining walls have been identified on the photographs. When sea-walls do not exist, the mean high water line has been indicated at the base of the bluff which is along the shore throughout the southern part of the quadrangle. This bluff is very prominent throughout the area and is readily seen on the photographs.

The low water line was not indicated. There is no periodic tide in the bays and the low water line is synonymous with the mean high water level. The tidal effects are caused only by wind.

Several docks and piers are found around the turning basin. These have been outlined on the photographs if they were obscured at the time of photography.

Submarine cable and submerged pipe line crossings exist near the north end of the turning basin. The shore ends of these crossings have been indicated.

Three large concrete piers are located directly east of the downtown area of the city. These piers are known as Peoples Street "T" Head, Lawrence Street, "T" Head and "L" Head. The piers extend from the shore out into the bay in the area known as the yacht basin. The yacht basin is inshore from the riprap jetty constructed across the bay and furnishes a safe anchorage for small boats in rough weather.

8. OFFSHORE FEATURES.

The only offshore feature worthy of mention is the jetty enclosing the yacht basin. This jetty is made of concrete in the center and rocks piled upon either side of the concrete wall.

9. LANDMARKS AND AIDS:

Several landmarks for nautical charts were selected and Form 567 was submitted. Chart Letters 268(50) and 855(51)

The most outstanding landmark of the area is the Robert Driscoll Hotel in downtown Corpus Christi. This building is located on a bluff and is easily seen for miles in any direction from the city.

Two aeronautical Aids are located within this quadrangle. The beacon atop the control tower at Cliff Maus Field was located by triangulation by a party of the Division of Geodesy. The radio range station of Cliff Maus Field has been indicated on photograph 1222. *See copy of Form 567 in this report for complete list of Aeronautical aids*

See Special Report on Aids to Navigation, Project Ph-36 (48), which will be submitted at a later date.

10. BOUNDARY MONUMENTS AND LINES.

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

11. OTHER CONTROL.

One topographic station was set in this quadrangle:

ABLE

12. OTHER INTERIOR FEATURES.

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

Buildings and structures in the rural area were classified according to Photogrammetry Instructions No. 29, dated 1 October 1948.

One overhead cable crossing is found in the area. It is at the northeast end of the turning basin. The vertical clearance above water was determined by planetable methods to be 64 feet.

Four bridges over navigable streams are found in this quadrangle. They are:

<u>Bridge</u>	<u>Horizontal Clearance</u>	<u>Vertical Clearance</u>
Corpus Christi - Aransas Pass Channel		
Bridge Book	90 ft.	11.5
Measured	97 ft.	9.5 (Est. MHW).
- - - - -	- - - - -	- - - - -
Nueces Bay Highway		
Bridge Book	32 ft.	7.5
Measured	32.5 ft.	5.3 (Est. MHW).
- - - - -	- - - - -	- - - - -
Nueces Bay Railroad		
Bridge Book	32 ft.	6.4
Measured	31.0 ft.	4.8 (Est. MHW).
- - - - -	- - - - -	- - - - -
Not Listed Across NW end of Avery Point Turning Basin.		
Bridge Book	Not listed.	Not listed.
Measured.	211.9 ft.	Pontoon.

The bridge clearance for the new causeway bridge was not obtained while the bridge was under construction.

13. GEOGRAPHIC NAMES *Report on July 25*

The investigation of geographic names is now in progress and will be the subject of a Special Report, which will be submitted at a later date.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA.

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

A special report on geographic names to be submitted at a later date.

Coast Pilot Information will be submitted in a special report at a later date.

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

Special blueprints submitted:

"Port Aransas - Corpus Christi, Waterway, Texas, - Avery Point Turning Basin to Vicinity of Tule Lake."

"Sheets 1, 2 and 3, Missouri-Pacific Lines, San Antonio, Uvalde and Gulf Railroad Company."

"Map showing City of Corpus Christi and environs, 1 Sheet."

"Station map of the San Antonio and Aransas Pass Railway Co., operated by the Texas and New Orleans Railroad Company, Corpus Christi, 5 Sheets."

"Texas - Mexican Railroad plans, 3 sheets."

"Plot plan, New First Baptist Church."

"Plot plan, Incarnate Ward Convent and Academy."

"Street layout of New subdivision, 2 sheets."

"Plot plan, St. Patrick School and Convent."

"Plot Plan, New Senior High School."

"Letter Transmittal, Project ph-36, Field 7."

" City Map of Corpus Christi."

Submitted:

William M. Reynolds
William M. Reynolds
Cartographer (Photo.)

Approved:

Charles W. Clark
Charles W. Clark
Chief of Party.

W.M.

MAP T-9182 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		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)	
ROSA RANCH HOUSE S. CHIMNEY, 1905	G-1252 P. 150	N.A. 1927	27 52	27.69				852.3	(994.5)	
KOONCE, 1933	G-2874 P. 68	"	97 28	17.64				482.5	(1158.8)	
SUB.PT. KOONCE, 1933			27 52	19.989				615.3	(1231.6)	
			97 25	55.394				1515.4	(126.0)	
			27 52					652.1	(1194.8)	
			97 25					1313.4	(328.0)	
VIOLA, 1933	G-2874 P. 68	"	27 49	59.702				1837.7	(9.2)	
			97 29	27.121				742.2	(899.7)	
SUB.PT. VIOLA, 1933			27 50					121.5	(1725.4)	
			97 29					595.6	(1046.3)	
FAIRVIEW, 1931	G-1252 P. 137	"	27 48	15.646				481.7	(1365.2)	
			97 26	51.410				1407.2	(235.1)	
SUB.PT. FAIRVIEW, 1931			27 48					475.4	(1371.5)	
			97 26					1424.3	(218.0)	
CORPUS CHRISTI SOUTHERN ALKALI CO., STACK, 1934	G-2874 P. 76	"	27 48	47.961				1476.3	(270.6)	
			97 25	53.537				1465.3	(176.9)	
CORPUS CHRISTI BREAKERS HOTEL N., ELEVATOR SHAFT, 1934	G-2874 P. 76	"	27 29	17.808				548.1	(1298.7)	
			97 23	15.300				418.7	(1223.3)	
CORPUS CHRISTI NUCCIS BAY, R.R. BRIDGE COUNTERWEIGHT, 1934	" "	"	27 50	07.931				244.1	(1602.7)	
			97 22	41.946				1147.8	(494.1)	
CORPUS CHRISTI PORT TANK, 1931	G-1252 P. 151	"	27 48	39.276				1209.0	(637.9)	Page 15
			97 23	47.534				1301.1	(341.2)	
CORPUS CHRISTI, RADIO STATION KEYS TOWER, 1949	G-8043 P. 9	"	27 48	43.02				1324.2	(522.7)	
			97 29	29.64				811.2	(831.0)	

MAP T- 9182

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		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)
CORPUS CHRISTI, ✓ RABBIT RUN ROAD MUN ICIPAL STACK, 1949	G-8043 P.10	N.A. 1927	27 46	32.44				998.5	848.3		
CORPUS CHRISTI TRINITY LUTHERAN ✓ CHURCH, CROSS, 1949	G-8043 P.10	"	97 25	17.91				490.4	1152.4		
CORPUS CHRISTI, NEW SENIOR HIGH SCHOOL ✓ STACK, 1949	G-8043 P.10	"	27 45	52.50				1616.0	230.9		
CORPUS CHRISTI, AND LIGHT CO. NUECES BAY ✓ STATION, WEST STACK 1949	G-8043 P.10	"	97 24	05.10				139.6	1503.3		
CORPUS CHRISTI CENTRAL POWER & LIGHT CO. NUECES BAY ✓ STATION, EAST STACK, 1949	G-8043 P.10	"	27 45	09.29				285.9	1560.9		
CORPUS CHRISTI HAR- BOR, OUTER RANGE ✓ REAR LIGHT, 1949	G-8132 P.5	"	97 23	42.78				1171.5	471.6		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE FRONT LT., 1949	G-8133 P.5	"	27 49	08.73				268.7	(1578.2)		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE REAR LT., 1949	G-8133 P.5	"	95 25	12.85				351.7	(1290.4)		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE REAR LT., 1949	G-8133 P.5	"	27 49	08.12				249.9	(1597.0)		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE REAR LT., 1949	G-8133 P.5	"	97 25	11.30				309.3	(1332.8)		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE REAR LT., 1949	G-8133 P.5	"	27 48	24.814				763.8	(1083.1)		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE REAR LT., 1949	G-8133 P.5	"	97 23	03.226				88.3	(1554.0)		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE REAR LT., 1949	G-8133 P.5	"	27 48	35.852				1103.6	(743.3)		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE REAR LT., 1949	G-8133 P.5	"	97 23	34.049				932.0	(710.3)		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE REAR LT., 1949	G-8133 P.5	"	27 48	35.777				1101.3	(745.6)		
CORPUS CHRISTI CHANNEL, CUT B, WEST ✓ RANGE REAR LT., 1949	G-8133 P.5	"	97 23	48.985				1340.8	(301.5)		
CORPUS CHRISTI ARANSAS COMPRESS ✓ CO. TANK, 1931	G-1252 P.150	"	27 48	33.680				1036.7	(810.2)		
CORPUS CHRISTI FIRST CHRISTIAN ✓ CHURCH CUPOLA, 1934	G-2874 P.75	"	97 23	16.853				461.3	(1181.0)		
			27 48	36.475				1122.7	(724.1)		
			97 23	47.410				1297.7	(344.6)		
			27 47	22.611				696.0	(1150.9)		
			97 23	45.964				1258.3	(384.2)		

1 FT. = 3048006 METER
COMPUTED BY: F.J. Tarcza
CHECKED BY: M.L. Rosenberg
DATE: July 20, 1949
DATE: July 26, 1949
M-2388-12

MAP T 9182 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		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)	
CORPUS CHRISTI NEW MUNICIPAL INCINERATOR STACK, 1931 ✓	G-1252 P.150	N.A. 1927	27 48	15.779				485.7	(1361.2)	
CORPUS CHRISTI BREAKWATER BEACON, 1934 ✓	G-2874 P.75	"	97 24	17.076				467.4	(1174.9)	
CORPUS CHRISTI MUNICIPAL TANK(SAM RANKIN ST.) 1934 ✓	"	"	27 48	00.282				8.7	(1838.2)	
CORPUS CHRISTI MUNICIPAL TANK(SAM RANKIN ST.) 1934 ✓	"	"	97 23	10.432				285.6	(1356.9)	
PLAZA, 1934 ✓	G-2874 P.54	"	27 47	41.308				1271.5	(575.4)	
CORPUS CHRISTI CATHOLIC CHURCH SPIRE, 1905 ✓	G-1252 P.151	"	97 24	17.206				471.0	(1171.5)	
CORPUS CHRISTI BEACON, 1934 ✓	G-2874 P.75	"	27 47	46.254				1423.7	(423.1)	
CORPUS CHRISTI CENTRAL LIGHT & POWER CO. STACK, 1931 ✓	G-1252 P.152	"	97 23	46.699				1278.4	(364.1)	
CORPUS CHRISTI MUNICIPAL TANK(12th & MORGAN STS.) 1934 ✓	G-2874 P.78	"	27 47	48.617				1496.5	(350.4)	
CORPUS CHRISTI SPOHN HOSPITAL STEEL STACK, 1934 ✓	G-2874 P.75	"	97 23	50.396				1379.6	(262.9)	
VISTA, 1933 ✓	G-2874 P.67	"	27 47	23.333				718.2	(1128.6)	
CORPUS CHRISTI PORT COMPRESS CO. TANK, 1931 ✓	G-1252 P.152	"	97 22	40.990				1122.1	(520.4)	
MAUS, 1949 ✓	G-8043 P.3	"	27 47	32.144				989.4	(857.4)	
			97 23	38.690				1059.2	(583.4)	
			27 46	38.949				1198.9	(648.0)	
			97 24	17.203				471.0	(1171.8)	
			27 46	33.797				1040.3	(806.6)	
			97 23	39.061				1069.5	(573.3)	
			27 45	36.583				1126.1	(720.8)	
			97 22	45.728				1252.2	(390.8)	
			27 47	18.703				575.7	(1271.2)	
			97 25	02.750				75.3	(1567.3)	
			27 46	17.707				545.0	(1301.8)	
			97 26	22.837				625.3	(1017.6)	

1 FT. = 3048006 METER
 COMPUTED BY: Frank J. Tarcea
 CHECKED BY: M.L. Rosenberg
 DATE: July 20, 1949
 DATE: July 26, 1949
 M-2388-12

MAP T. 9182

PROJECT NO. Ph-36(48)A

SCALE OF MAP 1:20,000

SCALE FACTOR 1.000

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)	
SUB. PT. MAUS, 1949			27 46					351.9	(1494.9)	
✓ VISTA REFERENCE MARK, 1949(USE)	G-8133 P. 1	N.A. 1927	27 45	31.701				669.8	(973.1)	
✓ CORPUS CHRISTI, CLIFF MAUS AIRPORT CONTROL TOWER and BEACON, 1949	G-8043 P. 11	"	27 22	36.978				1012.6	(630.4)	
			27 46	08.65				266.2	(1580.6)	
			97 26	32.06				877.8	(765.0)	
CORPUS CHRISTI SACRED HEART CHURCH CROSS, 1949	G-8043 P. 12	N.A. 1927	27 47	35.28				1086.0	760.9	
			97 24	14.73				403.2	1239.3	
✓ CORPUS CHRISTI CATHEDRAL CROSS, 1949	G-8043 P. 11	"	27 47	38.60				1188.1	658.7	
			97 23	56.79				1554.7	87.9	
AMERICAN SMELTING AND REFINING CO. ✓ STACK, 1949	" P. 10	"	27 48	48.95				1506.7	(340.2)	
			97 27	57.13				1562.6	(78.6)	
AMERICAN SMELTING & REFINING CO. W.T. ✓ 1949	G-8043 P. 10	"	27 48	42.00				1292.8	(554.1)	
			97 27	45.56				1247.0	(395.2)	
CORPUS CHRISTI CHANNEL LIGHT 86, 1949	G-8133 P. 5	"	27 48	38.320				1179.5	(667.3)	
			97 23	17.002				465.4	(1176.9)	
✓ RLX 1 (USE)	USE (Special Report on Supplemental Control)	TEXAS SOUTH GRID	783,264.12		3,264.12	(1,735.88)		994.9	(529.1)	
			2,353,464.12		3,464.12	(1,535.88)		1055.9	(468.1)	
CUFOLA, ALTA VISTA PLACE, 1949 ✓	FORM 567	N.A. 1927	27 45					1131	(716)	
			97 22					1124	(519)	

COMPILATION REPORT

T - 9182

PHOTOGRAMMETRIC PLOT REPORT

The radial plot report for this survey is part of the descriptive report for Survey No. T-9175, submitted to the Washington Office on 16 December 1949.

31. DELINEATION

This manuscript was delineated by graphic methods. In addition, the pantograph and the ratio reflecting projector were used successively to transpose information from blueprints to the manuscript.

32. CONTROL

The identification, density, and placement of horizontal control were adequate. At SUB. PT. VIOLA, 1933, the radial plot established a position about 100 meters north of the geographic position. Investigation of the pricking revealed another point of marsh similar to the one identified in the field. This point was repricked and held in the radial plot.

33. SUPPLEMENTAL DATA

See paragraph No. 14 of the field inspection report.

Geographic name standards dated November 4, 1949 on Chart No. 1286 and on U.S.G.S. Corpus Christi quadrangle were furnished by the Washington Office. The city map of Corpus Christi marked "Name Sheet 40 (from special Names Report No. 129)" also contained geographic name information.

The map of San Patricio County and the Nueces County Highway Map were used in connection with the boundaries. They are part of the "Special Report on Boundaries".

A highway map of District 16 furnishes some highway information. It was submitted by the field party as Name Sheet 34.

34. CONTOURS-DRAINAGE

Contours-inapplicable

A few intermittent drains, in addition to those identified on the field photographs, were determined by stereoscopic inspection.

35. SHORELINE AND ALONGSHORE DETAILS

At the time of the field inspection considerable construction was taking place along the shoreline. This fact is covered completely on the discrepancy overlay. The shoreline inspection was adequate.

36. OFFSHORE DETAILS

See the compilation report for T-9183 regarding the location of the new causeway to the north of Corpus Christi.

37. LANDMARKS AND AIDS

Forms 567 submitted by the field party were completed and are submitted with this report.

Chart letters 268(50) + 855(51)

38. CONTROL FOR FUTURE SURVEYS

Three Forms 524 are being submitted with this report. Recoverable topographic stations have been listed in paragraph 49.

39. JUNCTIONS

Junctions were made, and are in agreement, with the following manuscripts:

T-9176 to the north
T-9181 to the west
T-9183 to the east
T-9186 to the south

40. HORIZONTAL AND VERTICAL ACCURACY

No comment

41. WOODLAND DELINEATION

A special mixture of purple ink was mixed for use on this manuscript. The mixture consisted of approximately equal quantities of red and blue, Government Printing Office, ink.

42-45- Inapplicable

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the following maps:

Corpus Christi quadrangle, U.S. Geological Survey, scale 1:62,500,
edition of 1925

Planimetric Survey (USC&GS) No. T-5366; scale 1:20,000, dated 1934

Planimetric Survey (USC&GS) No. T-5365; scale 1:20,000, dated 1934

47. COMPARISON WITH EXISTING CHARTS

Comparison was made with nautical chart No. 523, scale 1:40,000
(with a 1:20,000 insert); publication date April 12, 1948; corrected
to 17 October 1949.


Items to be applied to nautical charts immediately:


None.

Items to be carried forward: None.

Respectfully submitted

Approved and forwarded
11 April 1950


Millard F. Kirk
Cartographer


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

VLM

GEOGRAPHIC NAMES

- Avery Point ✓
- Avery Point Turning Basin ✓
- Baldwin Blvd. ✓
- ✓ Cantwell Lane ✓
- ~~Chandler Lane~~ *not found*
- Cliff Maus Airport ✓
- Commissioner Precinct 2 & 4 (San Patricio County) ✓
- Commissioner Precinct 1 & 4 (Nueces County) ✓
- Corpus Christi ✓
- Corpus Christi Bay ✓
- Corpus Christi Golf & Country Club ✓
- Crockett School ✓
- Del Mar College ✓
- E. B. Cole Park ✓
- Ebony Acres Church ✓
- Fisher School ✓
- Gollihar Rd ✓
- Holy Cross Cem ✓
- Horne Road ✓
- ✓ Kostoryz Road ✓
- Leopard St. ✓
- Louisiana St. ✓
- Memorial Hospital ✓
- Morgan St. ✓
- Missouri Pacific RR * - see sheet # 2 ✓
- Molina Addition ✓
- Navigation Blvd. ✓
- N. Staples St. ✓
- Nueces ✓
- Nueces Bay ✓
- Nueces County ✓
- Nueces River ✓
- Ocean Drive ✓
- Old Brownsville Road ✓ (= Farm Road 665)

• Port Ave. ✓

• Rabbit Run Road ✓

• Rincon Point ✓

• Rose Hill Cem. ✓

• Roy Miller High School & Buc. Stadium ✓

• S.F. Austin School ~~not found~~

• San Antonio Uvalde & Gulf ~~RR~~ (Missouri Pacific) or Missouri Pacific alone

• San Patricio County

• Santa Fe St

• Savage School ~~not found~~

• Shoreline Blvd. ✓

• S. Staples St. ✓

• Southern Pacific ✓

• Texas Mexican ~~RR~~ ~~RR~~

• Tule Lake ✓

• Turning Basin ✓

• Up River Road (Shell Rd) ✓

• U.S. Govt. RR ✓

• W.B. Ray High School ✓

• White Point

• Wynn Seale Jr. High School ✓

* These two names are in dispute.
Names on map or unnumbered list.

• Agnes Street ✓

• Airport Blvd. ~~Road~~ ~~RR~~

• Ayers Street ✓

• Artesian Park ✓

• Carlisle Clinic Hospital ✓

• Corpus Christi Osteopathic Hosp. ✓

• Speedway ✓

• Garza Park ✓

• Halcrest Park ✓

• Hirsch School ✓

• Incarnate Word Convent ✓

• Menger School ✓

U.S. 181

Texas 9, 44, 286

Farm Roads 665, 891

• North Beach ✓

• Oak Park ✓

• Old Robstown Road ✓

• Poth Lane

• Robert Driscoll Jr. H.S.

• St. Theresa Parish School

• Saxet Oil Field

• Schepps Palms Baseball ^{Park}

• Solomon M. Coles H.S.

• South Bluff Park

• Spohn Hospital

• Spudder Park

• Timon Boulevard

• Tom Graham Park

• Tule Lake Channel

Names underlined in
red are approved
9-25-52. L. Heup

49.

NOTES FOR THE HYDROGRAPHER

The following are the recoverable topo stations in the area:

ABLE, 1949
FAIRVIEW AZ. MARK, 1949
MAUS AZ. MARK, 1949

ADDENDUM TO
COMPILATION REPORT

T-9182

31. DELINEATION

Map manuscript No. T-9182 has been compared with nine lens photographs Nos. 25769 through 25773, dated May 4, 1950. Revisions and additions have been made in red.

Respectfully submitted
6 September 1950

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

NAS Post Office, Corpus Christi, Texas

5 July 1949

To: The District Engineer
U. S. Engineer Department
Galveston District
Galveston, Texas.

SUBJECT: Bridge Clearance

During the course of field work on a current planimetric and topographic mapping project, the horizontal and vertical clearances of the following bridges were measured and the discrepancies between these measurements and those published in "List of Bridges over Navigable Waters of the United States," dated 1 July 1941, were noted:

<u>Bridge</u>	<u>Horizontal Clearance</u>	<u>Vertical Clearance</u>
Corpus Christi-Aransas Pass Channel		
Published Source	90 ft.	11.5 ft.
Measured	97 ft.	9.5 ft.
Nueces Bay Highway Bridge		
Published Source	32 ft.	7.5 ft.
Measured	32.5 ft.	5.3 ft.
Nueces Bay Railroad Bridge		
Published Source	32. ft.	6.4 ft.
Measured	31 ft.	4.8 ft.
Swinging Barge Bridge across Avery Point Turning Basin		
Published Source	None	Swinging Barge
Measured	211.9 ft.	

The estimated mean high water referred to is the line of barnacles and other markings of the waterlevel found on the structural members .

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

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS ~~ON LANDMARKS~~ FOR CHARTS

TO BE CHARTED
~~TO BE RELEASED~~

STRIKE OUT ONE

Baltimore, Maryland
~~Corpus Christi, Texas~~

March 30, 1950

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

The positions given have been checked after listing by

Joseph W. Vonasek

Hubert A. Paton

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	LIGHT SIGNAL NAME NUMBER	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE	LONGITUDE		DATUM							
				°	'	°	'	D. P. METERS						
Texas	LIGHT ✓	Corpus Christi Channel Light 85	4534	27	48	1036.7	97	23	461.3	N.A. 1927	Triang. Ph 36(48)	1949	X X	523 1286
	LIGHT ✓	Corpus Christi Channel Light 86	4535	27	48	1179.5	97	23	465.4	"	"	1949	X X	"
	LIGHT ✓	Corpus Christi Harbor Outer Rear Range Light	4539.2	27	48	763.8	97	23	88.3	"	"	1949	X X	"
	LIGHT ✓	Corpus Christi Channel Cut B	4536	27	48	1103.6	97	23	932.0	"	"	1949	X X	"
	LIGHT ✓	West Range Front Light	4537	27	48	1101.2	97	23	1340.8	"	"	1949	X X	"
	LIGHT ✓	Corpus Christi Channel Cut B	4540	27	48	8.7	97	23	285.6	"	"	1934	X X	"
	LIGHT ✓	Corpus Christi Breakwater Light (Corpus Christi Breakwater Bn. 1934)	4541	27	47	718.2	97	22	1122.1	"	"	"	X X	"
	LIGHT ✓	Corpus Christi Beacon (Corpus Christi Beacon, 1934)	4539.1	27	48	1029	97	23	561.	"	Photo Comp.	1949	X X	"
	LIGHT ✓	Corpus Christi Harbor Range Front Light	4538	27	48	1654	97	24	44	"	"	"	X X	"
	LIGHT ✓	Corpus Christi Harbor Range Rear Light	4539	27	48	1739	97	24	193	"	"	"	X X	"
	Daybeacon	Ship Channel Range Front Daybeacon		27	49	386	97	25	1517	"	Sextant	"	X X	"
	Daybeacon	Ship Channel Range Rear Daybeacon		27	49	484	97	26	92	"	"	"	X X	"
			Ch Let			268(50)								

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~~ **LANDMARKS FOR CHARTS**

Baltimore, Maryland
~~Corpus Christi, Texas~~

March 30
~~15 June~~ 1949

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

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	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE		LONGITUDE								DATUM
				°	'	°	'							
Texas	✓ STACK	American Smelter and Refining Co. Stack		27 48	1506.7	97 27	1563.6	N.A. 1927	Triang.	1949	X X		523 1286	
	✓ STACK	Southern Alkali Co., Stack		27 48	1476.9	97 25	1465.7	"	"	1934 1949	X X		" "	
	✓ STACK	Central Power & Light Co., Stack	West	27 49	268.7	97 25	351.7	"	"	1949	X X		" "	
	✓ STACK	Central Power & Light Co. East Stack		27 49	249.9	97 25	309.3	"	"	1949	X X		" 2	
	✓ TANK	Port Tank		27 48	1209.0	97 23	1301.1	"	"	1931	X X		" "	
	✓ TANK	Arkansas Compress Co. Tank	Shaft	27 48	1122.7	97 23	1297.7	"	"	1931	X X		" "	
	✓ HOTEL	Breakers Hotel, North Elevator		27 49	548.1	97 23	418.7	"	"	1934 1949	X X		" "	
	TANK	Corpus Christi Municipal Tank N'ly		27 47	1271.5	97 24	471.0	"	"	1934 1949	X X		" "	
	TANK	Corpus Christi Municipal Tank S'ly		27 46	1198.9	97 24	471.0	"	"	1949	X X		" "	
	HIGHEST BUILDING/Driscoll Bldg.			27 47	1494	97 23	1270	"	Photo Comp.	1949	X X		" "	
	CUPOLA	Cupola, Alta Vista Place		27 45	1131	97 22	1124	"	Theod.	1949	X X		" "	
	✓ STACK	Central Power & Light Co. Stack		27 47	989.4	97 23	1059.2	"	Triang.	1931	X X		" "	

Ch Let 268(50)

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
AERONAUTICAL

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

Baltimore, Maryland March 30, 1950.

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

Hilbert A. Paton

Chief of Party.

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED		
				LATITUDE		LONGITUDE									
				°	'	°	'							D. P. METERS	
✓	TEXAS	Radio Range Station Cliff Maus Airport		27	48	517	97	28	66	M.A. 1927	1949				
✓		CORPUS CHRISTI, RADIO STATION, SIX TOWER, 1949 (180' high)		27	48	275.8	97	27	379.1	"	1949				
✓		Braniff Radio Tower (150' high)		27	48	324	97	27	45	"	1949				
✓		Corpus Christi Radio Station Keys Tower, 1949 (300' high)		27	48	1324.2	97	27	811.2	"	1949				
✓		" " " (200' high)		27	48	1240	97	27	661	"	"				
✓		" " " (200' high)		27	48	1280	97	27	736	"	"				
✓	STACK	Bed and White (300' high)		27	48	1506.7	97	27	1363.6	"	"				
		328.5' above MSL (American Smelting and Refining Co. Stack, 1949)													
✓		Corpus Christi, Cliff Maus Airport Control Tower & Beacon, 1949		27	46	266.2	97	26	877.8	"	1949				

Ch Lot 268 (50)

See top of preceding page

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-9182

51. Methods.--In accordance with the third paragraph of the Acting Director's letter date July 16, 1951, reference 711-aal, Subject: Field Edit, Project Ph-36, and the Chief, Division of Photogrammetry's letter dated 2 August 1951, reference 711-lmh, same subject, complete field edit was made of the shoreline and data for nautical charts only. However, it was doubtful if all review questions inshore would be satisfactorily answered on the Geological Survey quadrangle. These are answered on the Field Edit sheet.

Corrections to be applied from the Geological Survey topographic sheet have been noted on Field Edit Sheet No. 2. The Geological Survey field work was done in 1951 and numerous additional planimetric features will be noted.

The planetable was used to locate the ^{shoreline}~~storm-water~~ line along the north side of the turning basin near latitude 27 degrees 49 minutes, to locate the aids to navigation along Tule Lake Channel and the piles marking the Sinclair pipeline crossing Nueces Bay at approximate longitude 97 degrees 23 minutes.

School names and other information was furnished by the Superintendent of Schools, Corpus Christi.

The City limits of Corpus Christi have recently been extended. A copy of the Legal Description of the new limits was furnished by the City Engineer but no map showing them was available. These limits may be delineated from maps secured from the General Land Office at Austin, Texas. It is believed there will be no difficulty in following the Legal Description in using the maps as all corners are shown in varas which may be converted to feet by following the rule that 1 vara equals 2.77778 feet. According to Mr. Conrad M. Blucher, Nueces County Surveyor, these State Surveys have proved accurate when tied into the Texas South Grid System. It is believed the new city limits will affect quadrangles T-9182, T-9183, T-9186, and T-9187.

Corrections, which were investigated in the field, are shown on Field Edit Sheet No. 1, except for the pipeline piles which are shown on Field Edit Sheet No. 2. Also, field edit information will be found on photographs 48-O-1203, 1204 and 1221. Violet ink was used for additions and corrections and green for deletions.

52. Adequacy of compilation.--The compilation appears good and will be adequate after application of field edit information.

53. Map accuracy.--From visual inspection and points used to take-off and tie-in with the planetable, the accuracy appears good. No test was specified.

54. Recommendations.--No recommendations are offered.

55. Examination of proof copy.--Mr. Conrad M. Blucher, County Surveyor or Nueces County, has agreed to examine the proof copy. Mr. Blucher has been County Surveyor for many years and is a lifelong resident of Corpus Christi. His address is Nueces County Courthouse, Corpus Christi, Tex.

Geographic Names.--One discrepancy in the location of a geographic name was noted. AVERY POINT in the natural point around the Southern Alkali Corporation, instead of the spoil area as shown on the map manuscript.

Respectfully submitted,
23 October 1951

William H. Shearouse
William H. Shearouse,
Cartographer

REVIEW REPORT T-9182
Planimetric Map
September 26, 1952

62. Comparison with Registered Topographic Surveys:

T-1043	1:20,000	1867
T-1513	1:20,000	1882
T-1584	1:20,000	1887
T-4904	1:20,000	1934-35 (Graphic Control)
T-6230	1:10,000	1934 " "
T-5365	1:20,000	1934

This map supersedes these surveys for nautical charting purposes.

63. Comparison with Maps of other Agencies

Advance Print USGS Corpus Christi Quad 1:20,000, 1951

This planimetric map was used as a base by the Geological Survey in the compilation of the topographic quadrangle. The planimetric map is more complete for nautical charting information.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

Nautical Chart 523 1:40,000 1950

Extensive changes in shoreline north of Corpus Christi caused by filling operations are shown on the map manuscript.

Pipelines across Nueces Bay are not shown on the chart.

A new causeway shown on the map manuscript from Rincon Point to Indian Point is not shown on the chart.

on print dated 10/11/54 C.F.

A stack recommended as a landmark north of Corpus Christi has not been charted.

66. Map Accuracy

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

Reviewed by:

Charles Heurer
C. Heurer

Approved by:

Le Lande 26 Nov 1954
Chief, Review Section
Division of Photogrammetry

J. Edmiston
Chief, Nautical Chart Branch
Division of Charts (FU)

Max R. Skelton
Chief, Div. Photogrammetry

Carl O. Heaton B
Chief, Coastal Surveys Division

MSG