9917

Diag. Cht. No. 532.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. Ph-76(51) *Office No.* T-9917

LOCALITY

State Texas

General locality Houston Ship Channel

Locality Sims Bayou to Boggy Basin

19 51-52

CHIEF OF PARTY

P.L.Bernstein, Chief of Field Party
J.E.Waugh, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE June 23, 1958

B-1870-1 (1)

9917

DATA RECORD

T-9917

Project No. (II): Ph-76(51) Quadrangle Name (IV):

Field Office (II): Houston, Texas Chief of Party: P. L. Bernstein

Photogrammetric Office (III): Tampa, Florida Officer-in-Charge: J. E. Waugh

Instructions dated (II) (III): 21 November 1951 and letter of 22 May 1952
28 Dec. 1954 - 2 Feb. 1955

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000 Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 19 Sept 1957

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

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

~~Mean sea level~~ except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): BUFFALO, 1931

Lat.: 29°43'28".143 (866.5m.) Long.: 95°12'45".527 (1223.6m.) Adjusted ~~Unadjusted~~

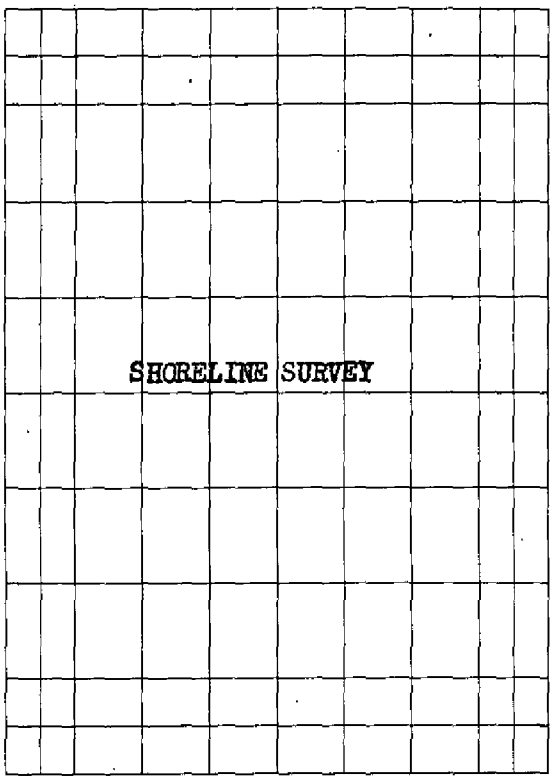
Plane Coordinates (IV): State: Zone:

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.

M-2618-12(4)



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

DATA RECORD

Field Inspection by (II): J. A. Clear, Jr., & W. H. Shearouse Date: June 1952

Planetable contouring by (II): Not applicable. Date:

Completion Surveys by (II): L. F. Woodcock Date: 26 April 1955

Mean High Water Location (III) (State date and method of location):
June, 1952--Air Photo Compilation

Projection and Grids ruled by (IV): Jack Allen (W.O.) Date: 24 Nov. 1952

Projection and Grids checked by (IV): H. D. Wolfe (W.O.) Date: 25 Nov. 1952

Control plotted by (III): I. I. Saperstein Date: 21 Jan. 1953

Control checked by (III): R. J. Pate Date: 22 Jan. 1953

Radial Plot ~~or Stereoscopic Control extension~~ by (III): M. M. Slavney Date: 1 Sept. 1953

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

Manuscript delineated by (III): R. Dossett Date: 30 Oct. 1953

Photogrammetric Office Review by (III): I. I. Saperstein Date: 13 Nov. 1953

Elevations on Manuscript checked by ~~(H)~~ (III): Inapplicable Date:

M-2618-12(4)

Camera (kind or source) (III): Fairchild Cartographic 6" Metrogon lens - Camera "O"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
51-O-5654	4 May 1952	0856	1:10,000	Negligible
5655	"	0856	"	"
5656	"	0857	"	"
5657	"	0857	"	"
5658	"	0858	"	"
5659	"	0858	"	"
5660	"	0859	"	"
5647	"	0844	"	"
5648	"	0845	"	"
5649	"	0846	"	"

Camera "W"
54-W-3154 to 3157 incl. 19 Oct. 1954 1:30 000
54-W-3162 to 3166 " " "

Tide (III)

Inapplicable

Ratio of Ranges	Mean Range	Spring Range

Reference Station:
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV): Lyman F. Stevens / J. J. Streifler Date: 23 March 1954 / 15 April 1957

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 13
Shoreline (More than 200 meters to opposite shore) (III): 22
~~Shoreline (Less than 200 meters to opposite shore) (III)~~:
Control Leveling - Miles (II): Inapplicable
Number of Triangulation Stations searched for (II): 15 Recovered: 10 Identified: 12
Number of BMs searched for (II): 6* Recovered: 4 Identified: 3
Number of Recoverable Photo Stations established (III): 22**
Number of Temporary Photo Hydro Stations established (III): 0

Remarks:

*Tidal bench marks

**14 are aids to navigation

M-2618-12(4)

Summary to Accompany T-9917

Project Ph-76(51) consists of seven map manuscripts, 1:10,000 scale, which delineate the shoreline and the inland area for one-half mile each side of the Houston Ship Channel from Galveston Bay to the City of Houston.

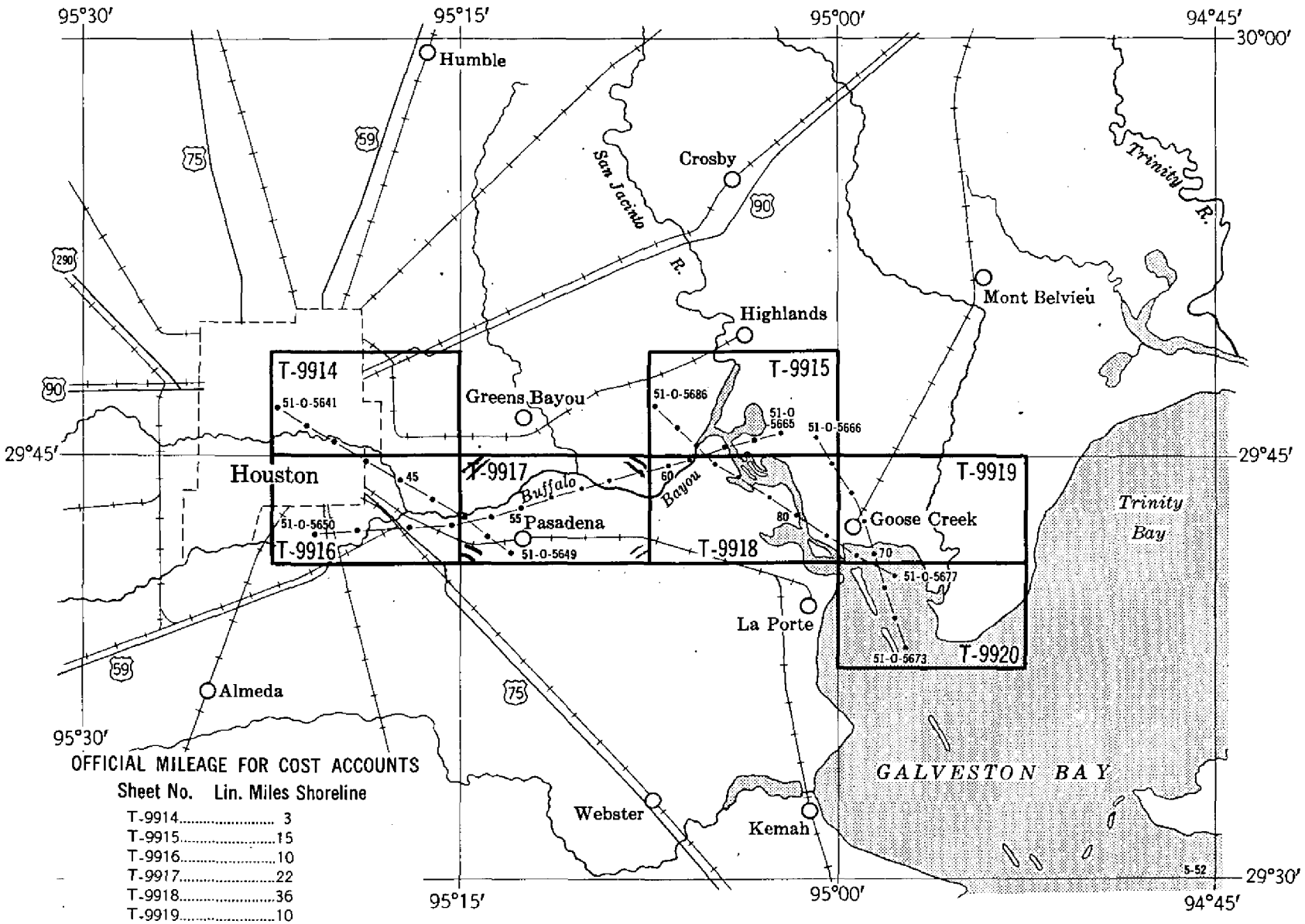
T-9917 includes that part of the Channel between Boggy Bayou Basin on the east to Sims Bayou on the west.

After smooth drafting and printing, a ~~cloth-backed copy~~ cronar film positive of the map and the descriptive report will be registered and filed in the Bureau Archives.

When all the maps of the project have been thus registered, a Completion Report for the project will be written. It will describe the project as to purpose, reports, and records turned in and filed.

SHORELINE MAPPING PROJECT PH-76

TEXAS, Houston to Galveston Bay (Buffalo Bayou)



OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Lin. Miles Shoreline
T-9914	3
T-9915	15
T-9916	10
T-9917	22
T-9918	36
T-9919	10
T-9920	10
TOTAL	106

Compiled at scale 1:10,000 from 1:24,000 scale single-lens photographs taken May 1951

(Refer to Air-Photo Indexes 99-E and 99-F)

THE FIELD INSPECTION REPORT IS BOUND WITH

T-9916

Field Edit Report bound with Completion Report
filed in library

COMPILATION REPORT T-9917

PHOTOGRAMMETRIC PLOT REPORT.

Submitted with T-9915

31. DELINEATION.

The graphic method was used. The area embracing the ETHYL CORPORATION was applied to the manuscript from a pantographed copy (to scale) of the plans of the company.

At approximate latitude 29°42', longitude 95°12' a new area of street planimetry appears on the photographs. Due to insufficient photographic coverage and consequent lack of control, delineation is not complete.

The scale of the photographs was good.

Field inspection was complete and satisfactory.

32. CONTROL.

The control was adequate. Placement and density were good.

33. SUPPLEMENTAL DATA.

The following plans were use:

ETHYL CORPORATION (Reference Item 31)

SHEFFIELD STEEL CORPORATION (R.R. and building reference)

SINCLAIR REFINING COMPANY " " "

34. CONTOURS AND DRAINAGE.

Contouring inapplicable.

The drainage has been delineated as shown on the photographs and field inspection notes.

35. SHORELINE AND ALONGSHORE DETAILS.

All shoreline details apparent on the photographs and additional details indicated by the field inspector have been delineated.

The shoreline inspection was adequate.

36. OFFSHORE DETAILS.

None.

37. LANDMARKS AND AIDS.

It is noted that all the aids were identified on photographs taken in 1951 and the Light List shows that several of the aids were moved in 1952. The aids involved are: HOUSTON SHIP CHANNEL LIGHTS 74, 78, 80*, 84, 86 and 91. re-estab. (MHW, Jan. 3, '53) in same position

*No 6570, Light List, 1953: On shore, on skeleton tower on mud sills. (Rebuilt 1952)

Aids to navigation were identified on 1954 photography or located by field methods. HB.

A special report, "Landmarks for Charts" is bound with Completion Report.

38. CONTROL FOR FUTURE SURVEYS.

Twenty-two (22) Forms 524 are being submitted. Only eight (8) are listed under Item 49 as fourteen (14) are for aids to navigation.

39. JUNCTIONS.

A satisfactory junction has been secured with T-9916 on the west and T-9918 on the east.

There is no contemporaneous survey to the north and south.

40. HORIZONTAL AND VERTICAL ACCURACY.

Vertical accuracy inapplicable.

Some areas were controlled by "two cut" detail points. These have been shown by green 2½ mm circles on the map manuscript.

46. COMPARISON WITH EXISTING MAPS.

A comparison was made with U. S. Army Corps of Engineers Topographic Quadrangle "DEEPWATER, TEXAS", scale 1:31,680, compiled in 1943; and USC&GS Topographic Maps of HOUSTON SHIP CHANNEL, register numbers 4618, 4619 and 4620, scale 1:5,000, compiled in 1931.

The comparison with Quadrangle "DEEPWATER, TEXAS" showed little shoreline difference. Considerable new inshore construction was noted in buildings and streets.

The comparison with USC&GS Topographic Maps 1:5,000 showed many changes in both shoreline and inshore areas. Since the "DEEPWATER, TEXAS" quadrangle is at more recent date, the differences are not being listed.

One particularly pronounced shoreline discrepancy common to both these maps is at the mouth of "HUNTING BAYOU".

47. COMPARISON WITH NAUTICAL CHARTS.

A comparison was made with USC&GS Nautical Chart No. 590, scale 1:10,000, published in May 1944, and bearing a print date of May 8, 1951. The following discrepancies were noted:

Shoreline changes at mouth of HUNTING BAYOU due to dredging and filling.

Pronounced shoreline indentations at WASHBURN TUNNEL crossing (tunnel not shown on chart).

Reduced shoreline at entrance to GREENS BAYOU and Slip at PHILLIPS CHEMICAL CORPORATION (Adams Terminal); also at BOGGY BAYOU BASIN and PORT HOUSTON IRON WORKS.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

WASHBURN TUNNEL crossing.

Pipeline tunnel at THE CHAMPION PAPER AND FIBRE COMPANY.

ITEMS TO BE CARRIED FORWARD.

None.

Rudolph Dossett
Carto Photo Aid

APPROVED AND FORWARDED

J. E. Waugh, Chief of Party

48. GEOGRAPHIC NAME LIST.

AMERICAN PETROLEUM COMPANY

BOGGY BAYOU BASIN
BUFFALO BAYOU

Chipman Chemical Co.

CLINTON DRIVE
COASTAL OIL & TRANSPORT COMPANY WHARF
COTTON PATCH BAYOU
CROWN CENTRAL PETROLEUM COMPANY
CROWN HILL CEMETERY

ETHYL CORPORATION

FEDERAL ROAD
~~Fidelity Island~~
GENERAL AMERICAN TANK STORAGE TERMINALS
GREENS BAYOU
GULF COMPRESS COMPANY
GULF REFINING COMPANY WHARF

HESS TERMINAL CORPORATION (Norsworthy Terminal)
HORTON & HORTON SHELL DOCK
HOUSTON
HOUSTON LIGHTING & POWER COMPANY (Deepwater Plant)
HOUSTON SHIP CHANNEL
HUNTING BAYOU

JONES LAKE

La Porte Road State No. 225

LITTLE VINCE BAYOU

MANCHESTER TERMINAL CORPORATION
MATHIESON CHEMICAL CORPORATION

PASADENA
PHILLIPS CHEMICAL CORPORATION (Adams Terminal)
PHILLIPS PETROLEUM CORPORATION
PORT HOUSTON IRON WORKS
PORT TERMINAL RAILROAD

SAN JACINTO ORDNANCE DEPOT
SHEFFIELD STEEL CORPORATION
SHELL OIL COMPANY
SHELL OIL COMPANY DOCKS
SIMS BAYOU
SINCLAIR REFINING COMPANY
SOUTHERN PACIFIC RAILROAD

48. GEOGRAPHIC NAME LIST (CONTINUED)

TEXAS
THE CHAMPION PAPER & FIBRE COMPANY
THE TEXAS COMPANY (Galena Plant)
THE TEXAS COMPANY SLIP
TODD SHIPYARD CORPORATION

VINCE BAYOU

WASHBURN TUNNEL

Names approved
3-23-54. L. Heck

49. NOTES FOR THE HYDROGRAPHER.

The following topographic stations will be useful to the hydrographic party:

TANK, 1952 (Gulf Atlantic Warehouse Company)
CHIMNEY, 1952 (Manchester Terminal Warehouse)
TOWER, (NORTH) 1952 (Houston Lighting & Power Co.)
TOWER, (SOUTH) 1952 " " " "
CHIMNEY, 1952 (The Texas Company bulk plant)
CHIMNEY, 1952 (Crown Petroleum Refinery)
TANK, 1952 (Phillips Chemical Company)
CHIMNEY, 1952 (Shell Petroleum Company Refinery)

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 9917 PROJECT NO. Ph-76 SCALE OF MAP 1:10,000 SCALE FACTOR

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)
HOUSTON SHIP CHANNEL LIGHT 82, 1955	C.P.'s Hou. Sh. Ch. Pg 18	N.A. 1927	29 44 48.093			1480.8 (366.6)	
			95 10 03.572			96.0 (1516.2)	
HOUSTON SHIP CHANNEL LIGHT 86, 1955	" Pg 18	"	29 44 46.74			1439.1 (408.3)	
			95 11 13.30			357.4 (1254.8)	
HOUSTON SHIP CHANNEL LIGHT 90, 1955	" Pg 18	"	29 44 17.33			533.6 (1313.8)	
			95 12 15.20			408.5 (1203.9)	
HOUSTON SHIP CHANNEL LIGHT 91, 1955	" Pg 18	"	29 43 39.185			1206.5 (640.9)	
			95 12 31.407			844.1 (768.4)	
HOUSTON SHIP CHANNEL LIGHT 93, 1955	" Pg 19	"	29 43 27.224			838.2 (1009.2)	
			95 12 50.107			1346.7 (265.9)	
HOUSTON SHIP CHANNEL LIGHT 95, 1955	" Pg 19	"	29 43 24.42			751.9 (1095.5)	
			95 13 1029			276.6 (1336.0)	
HOUSTON SHIP CHANNEL LIGHT 78, 1955	" Pg 17	"	29 44 30.701			945.3 (902.1)	
			95 09 30.837			828.6 (783.6)	
HOUSTON SHIP CHANNEL LIGHT 74, 1955	" Pg 17	"	29 44 11.930			367.3 (1480.1)	
			95 08 18.376			493.8 (1118.6)	
HOUSTON SHIP CHANNEL LIGHT 75, 1955	" Pg 17	"	29 44 05.416			166.8 (1680.6)	
			95 09 04.431			119.1 (1493.3)	
HOUSTON SHIP CHANNEL LIGHT 77, 1955	" Pg 17	"	29 44 14.219			437.8 (1409.6)	
			95 09 21.432			575.9 (1036.4)	
HOUSTON SHIP CHANNEL LIGHT 73, 1955	" Pg 17	"	29 43 54.860			1689.1 (158.3)	
			95 07 39.307			1056.3 (556.1) ✓	

1 FT. = .3048006 METER

COMPUTED BY: R. S. Tibbetts DATE 3-7 Oct. 1955 CHECKED BY: I. I. Saperstein DATE 14 Oct. 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 9917 PROJECT NO. Ph-76 SCALE OF MAP 1:10,000 SCALE FACTOR

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)
838 + 61.40 (400L)(USE), 1955	C.P's Hou.Sh.Ch. Pge 18	N.A. 1927	29 44 51.360 95 10 31.240			1581.4 (266.0) 839.4 (772.8)	
850 + 12.99 (350L)(USE), 1955	" Pge 24	"	29 44 48.400 95 10 43.868			1490.2 (357.2) 1178.7 (433.5)	
869 + 36.96 (400R)(USE), 1955	" Pge 25	"	29 44 40.761 95 11 04.781	The 526 for this station says "STAMPED 869+36.96 450R		1255.0 (592.4) 128.5 (1483.7)	
887 + 77.32 (400R)(USE), 1955	" Pge 25	"	29 44 37.188 95 11 22.251			1145.0 (702.4) 597.9 (1014.3)	
940 + 00 (450L(USE), 1955	" Pge 25	"	29 44 16.287 95 12 17.753			501.5 (1345.9) 477.1 (1135.3)	
981 + 00 (450L)(USE), 1955	" Pge 18	"	29 43 41.409 95 12 39.808			1275.0 (572.4) 1069.8 (542.7)	
1009 + 00 (350L)(USE), 1955	" Pge 25	"	29 43 30.474 95 13 04.314			938.3 (909.1) 115.9 (1496.6)	
1045 + 00 (350L)(USE), 1955	" Pge 25	"	29 43 33.181 95 13 44.735			1021.6 (825.8) 1202.3 (410.3)	
745 + 00 (350L)(USE), 1955	" Pge 24	"	29 44 11.473 95 08 57.619			353.3 (1494.1) 1548.4 (64.0)	
833 + 00 (400L)(USE), 1955	" Pge 25	"	29 44 52.217 95 10 24.222			1607.8 (239.6) 650.8 (961.4)	
811 + 67.16 (400L(USE), 1955	" Pge 24	"	29 44 46.599 95 09 58.474			1434.8 (412.6) 1571.2 (41.0)	
HOUSTON SHIP CHANNEL LIGHT 80, 1955	" Pge 18	"	29 44 40.912 95 09 49.260			1259.7 (587.7) 1323.7 (288.6)	

1 FT. = .3048006 METER

COMPUTED BY: R. S. Tibbetts DATE 3-7 Oct. 1955 CHECKED BY: I. I. Saperstein DATE 13 Oct. 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 9917 PROJECT NO. Ph-76 SCALE OF MAP 1:10,000 SCALE FACTOR

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)
TODD, 1955	G.P.'s Hou.Sh.Ch. Pge 1	N.A. 1927	29 44 50.899			1567.2 (280.2)	
			95 10 30.908			830.5 (781.7)	
JONES, 1955	"	"	29 43 54.571			1680.2 (167.2)	
			95 08 49.832			1339.2 (273.3)	
WARREN, 1955	"	"	49 43 52.682			1622.1 (225.3)	
			95 12 38.393			1031.8 (580.7)	
DEER PARK, SHELL REFINING CO., TALLEST STACK, 1955	" Pge 19	"	29 43 35.615			1096.6 (750.8)	
			95 07 33.649			904.4 (708.2)	
675 + 00 (405L)(USB), 1955	" Pge 23	"	29 44 01.509			46.5 (1800.9)	
			95 07 41.406			1112.7 (499.7)	✓
700 + 63.18 (400L)(USB), 1955	" Pge 24	"	29 44 09.720			299.3 (1548.1)	
			95 08 06.778			182.1 (1430.2)	✓
710 + 00 (450L)(USB), 1955	" Pge 24	"	29 44 13.825	The 526 for this station says "STAMPED 710+00,500L"		425.7 (1421.7)	
		"	95 08 17.853			479.8 (1132.5)	
760 + 00 (350L)(USB), 1955	" Pge 24	"	29 44 15.891			489.3 (1358.1)	
			95 09 11.743			315.6 (1296.8)	
766 + 19.86 (550R)(USB), 1955	" Pge 23	"	29 44 12.940			398.4 (1449.0)	
			95 09 23.752			638.3 (974.1)	
770 + 00 (400R)(USB), 1955	" Pge 23	"	29 44 16.632			512.1 (1335.3)	
			95 09 25.644			689.1 (923.2)	
785 + 96.73 (400R)(USB), 1955	" Pge 24	"	29 44 26.564			817.9 (1029.5)	
			95 09 38.340			1030.3 (582.0)	
800 + 00 (400L)(USB), 1955	" Pge 24	"	29 44 40.569			1249.1 (598.3)	5
			95 09 47.181			1267.8 (344.4)	10

1 FT. = .3048006 METER

COMM-DC-57843

COMPUTED BY: R. S. Tibbetts DATE 3-7 Oct. 1955 CHECKED BY: I. I. Saperstein DATE 12 Oct. 1955

Form 567
April 1945

PHOTOGRAMMETRIC REVIEW BRANCH

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS OR~~ LANDMARKS FOR CHARTS

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

Tampa Photogrammetric Office, Tampa, Fla. 27 Oct., 19 51

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 Rudolph Dossett

J. E. Waugh *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	Steel, Aluminum colored, "Gulf Atlantic Warehouse Co." painted on side. ht = 142(162)		29 43	18.71 576	95 14	45.58 1225	N.A. 1927	T-9917 Radial Plot	1952	X			590
TANK	Steel, Aluminum colored, at Manchester Terminal Corp. Wharf (COTTON 1931) ht = 142(162)		29 43	06.598 203.2	95 14	53.705 1443.5	"	Triang	1931	X			"
CHIMNEY	At Manchester Terminal Wharf Warehouse. ht = 80(100)		29 43	04.94 152	95 14	45.73 1229	"	Radial Plot	1952	X			"
TOWER	(NORTH) Skeleton steel, transmission. ht = 285(300)		29 43	35.37 1089	95 13	44.13 1186	"	"	1952	X			"
TOWER	(SOUTH) Skeleton steel, transmission. ht = 285(300)		29 43	26.08 803	95 13	38.70 1040	"	"	1952	X			"
STACK	TALLEST OF TWO (DEEPWATER HL&P STACK, 1942) ht = 355(375)		29 43	25.514 785.6	95 13	32.288 867.8	"	Triang	1942	X			"
CHIMNEY	Concrete. ht = 175(193) (Ref Co.)		29 43	~~50.66~~ ~~50.96~~ ~~1569~~ 1558.2	95 13	~~14.23~~ ~~13.54~~ ~~364~~ 382.5	"	Radial Plot	1952	X			"

17

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

Form 567
April 1945

PHOTOGRAMMETRIC REVIEW BRANCH

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS~~ OR LANDMARKS FOR CHARTS

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

Tampa Photogrammetric Office, Tampa, Fla. 27 Oct., 1953

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

The positions given have been checked after listing by Rudolph Dossett

J. E. Waugh *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	Steel, Aluminum colored, (PASADENA CHAMPION PAPER MILL COMPANY WATER TANK, 1952) ht = 173(203)		29 43	19.33 595	95 12	52.92 1422	N.A. 1927	T-9917 Triang.	1952	X			590
CHIMNEY	Concrete, bearing letters C-R-O-W-N, ht = 125(145)		29 43	15.36 473	95 12	40.59 1091	"	Radial Plot	1952	X			"
STACK	Brick (HOUSTON SHEFFIELD STEEL COMPANY STACK, 1952) ht = 180(200)		29 44	50.39 1552	95 11	06.09 164	"	Triang	1952	X			"
TANK	Steel, Aluminum colored. ht = 150(160)		29 44	27.64 851	95 10	32.15 864	"	Radial Plot	1952	X			"
WATER TOWER	Gray colored, spheroid tank atop standpipe (HOUSTON ETHYL GAS CORP. WATER TOWER, 1952) ht = 150(175)		29 44	24.88 766	95 10	07.88 212	"	Triang	1952	X			"
CHIMNEY	(TALLEST OF THREE) at SHell Oil Co. ht = 310(345)		29 43	34.33 1057	95 07	32.97 886	"	Radial Plot	1952	X			"
Mast	KPRCTV tallest mast 1952												
													8

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

"PHOTOGRAMMETRIC OFFICE"

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Houston, Texas, June, 1952

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 _____

Percy 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
Lt.96	Destroyed		29 43.6		95 13.7		NA 1927			x			590

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by

Form T-2

50. PHOTOGRAMMETRIC OFFICE REVIEW

T- 9917

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

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

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

40. Irving I. Saperstein ~~Irving I. Saperstein~~ Reviewer — Jesse A. Giles ~~Jesse A. Giles~~ Supervisor, Review Section or Unit w.a.g.

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

See also Supplemental Review Report with T-9914

Review Report
Shoreline Survey T-9917
23 March 1954

62. Comparison with Registered Topographic Surveys.-

T-4619	1:5,000	1931	Tucker Bayou to Greens Bayou
4620	"	"	Greens Bayou to Clinton
4621	"	"	Clinton to Turning Basin

Various stumps along either shore delineated on these surveys and still carried on Chart 590 are not on T-9917. Because of extensive changes since 1931, because the 1952 field inspection did not reveal them, and because they are well beyond the channel limits they may be considered non-existent. (See Special Report Landmarks for Charts).

T-9917 supersedes the older surveys for charting purposes.

63. Comparison with Maps of Other Agencies.-

USE Quad. Deepwater, Texas, 1:31,680, 1943

Because of the numerous cultural changes since 1943, T-9917 supersedes the quadrangle for charting purposes within the area of the new survey except for contours.

64. Comparison with Contemporary Hydrographic Surveys.- No hydrographic surveys were made since the 1931 series H-5121 to 5128, incl., 1:5000.

65. Comparison with Nautical Charts.-

590 1:10,000 1st combined ed. 1952. Houston Ship Channel, Carpenter Bayou to Houston.

1. Lights on T-9917 are in the positions photographed in 1951 and corroborated by field inspection since 1952. The 1953 Light List says that No. 80 (east of Greens Bayou) is "on shore". If the light is on shore, then the shoreline in that vicinity requires verification. Spoil may be forming an advancing shoreline.

2. Submerged pipelines:
   A Charted pipeline crossing at 95° 13!8 is not on T-9917 because field inspection indicated it does not exist.

   Additional submerged pipeline crossings are at 95° 08!5 and 95° 13!0.

3. Sunken barges in Sims Bayou are south of a charted sunken wreck there.

4. The charted standpipe at 95° 08.5 no longer exists. The area is now used as a spoil dump.

5. Various dolphins on T-9917 are not on chart 590.

The field inspection was well executed so that T-9917 supersedes older charting data as of the time of field inspection except for contours.

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

Reviewed by:

Lena T. Stevens
Lena T. Stevens

APPROVED

L C Landy
Chief, Review Branch
Div. of Photogrammetry

Chief, Nautical Chart Branch
Division of Charts

Chief, Div. of Photogrammetry

Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. _____

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
5/17/54	590	C. Leich	~~Before~~ After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.