9920

Diag. Cht. Nos. 532 and 1282.

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-9920

LOCALITY

State Texas

General locality HoustonnShipaChannel

Locality Atkinson Island to Hog Island

194 52

CHIEF OF PARTY
P.L.Bernstein; Chief of Field Party
J.E.Waugh, TampaaPhoto. Office, Fla

LIBRARY & ARCHIVES

DATE March 31, 1958

8-1870-1 (1)

T -9920

Project No. (II): Ph-76 (51)

Quadrangle Name (IV):

Field Office (II): Houston, Texas

Chief of Party: P. L. Bernstein

Photogrammetric Office (III): Tampa, Fla.

Officer-in-Charge: J.E. Waugh

Instructions dated (II) (III): 21 November 1951

28 Dec. 1954 - 2 Febr. 1955

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III):

1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III):

None

JAN 1 9 1954

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV): 2-11-54

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 tevel except as follows:

Elevations shown as (23) refer to mean high water Etevations shown as (5) refer to sounding datum -

Reference Station (III): MORGAN PT. 2, 1931

Lat.: 29°40'51.731 (1592.8m) Long.:94°59'08.942 (240.4m)

Adjusted -Unadjusted

Plane Coordinates (IV):

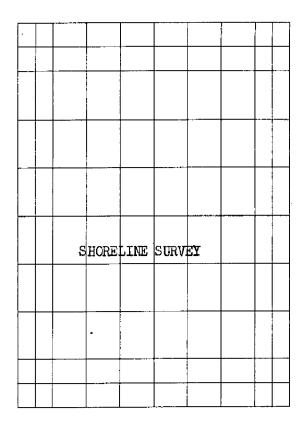
State:

Zone:

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)

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: 29 Oct. 1952

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

Date: 30 Oct. 1952

Control plotted by (III): I. I. Saperstein

Date: 28 Jan. 1953

Control checked by (III): R. J. Pate

Date: 30 Jan. 1953

Radial Plot or Stereoscopic

Control extension by (III): M. M. Slavney

Date: 18 Sept. 1953

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Contours

Date:

Manuscript delineated by (III): R. Dossett

Date: Nov. 1953

Photogrammetric Office Review by (III): W. H. Shearouse

Date: 7 Jan. 1954

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

Inapplicable

Date:

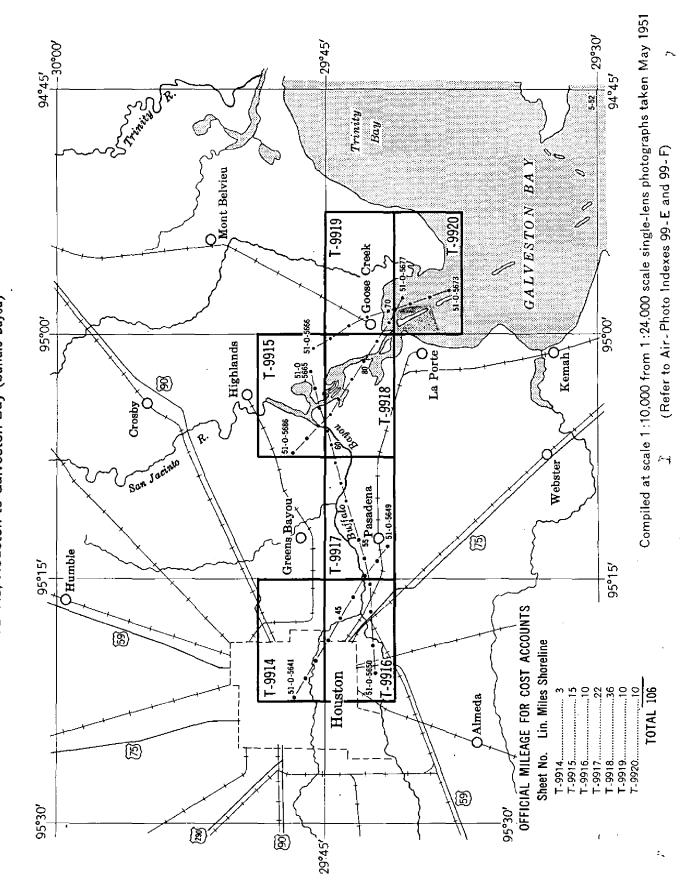
Camera (kind or source) (III): 6" Metrogon lens

		PHOTOGRAPHS (III)		
Number	Date	Time	Scale	Stage of Tide
51-0-5670 5671	4 May 1952	0910 0911	1:10,000	Negligible
5672 5673	ii Ii	0911	11	11
5677	n .	0919	ii .	it
5678	amera"W"	0919	, n	
54-W.	The same of the sa	7 ind. } 19	Oct. 1954 1	:30 000

54-W- 3200 to 3208 "

Tide (III) Ratio of Mean | Spring Reference Item 7 Ranges Range Range Reference Station: Subordinate Station: Subordinate Station: Washington Office Review by (IV): Length . Stevens

Final Drafting by (IV): Final Drafting by (IV): Drafting verified for reproduction by (IV): Date: Proof Edit by (IV): Date: Land Area (Sq. Statute Miles) (III): 3 Shoreline (More than 200 meters to opposite shore) (III): 10 Shoreline (Less than 200 meters to opposite shore) (111): Control Leveling - Miles (II): None Identified: Number of Triangulation Stations searched for (II): Recovered: 1 1 Number of BMs searched for (II): 5 Tidal Recovered: Identified: Number of Recoverable Photo Stations established (III): 10 Number of Temporary Photo Hydro Stations established (III): ()



9

SUMMARY TO ACCOMPANY T-9920 HOUSTON SHIP CHANNEL, TEXAS

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-9920 covers the Houston Ship Channel where it enters Galveston Bay at Morgan Point and Atkinson Island.

After smooth drafting and printing a cronar film positive of the map and the Descriptive report will be registered and filed in the Bureau Archives.

This project was initiated in late 1951 and photographs taken in May 1952. The field inspection was completed in June 1952 and the maps compiled at the Tampa Office in November 1953.

When the maps were applied to the charts in March 1954 it was felt that the photogrammetric location of range lights was not as accurate as desired due to lack of control, consequently additional field work was done and the maps revised as follows:

New photography was taken in October 1954. LT Lorin F. Woodcock as Chief, of Party between December 1954 and the early part of 1955 located most of the aids to navigation and field edited the project making notes on the new 1954 photographs.

The maps were then revised at the Tampa Office. All the additional triangulation was plotted and map details corrected from the 1954 photographs and field edit notes made thereon.

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

7

FIELD INSPECTION REPORT IS BOUND WITH T-9915
Field Edit Report is bound with Completion Report

COMPILATION REPORT T-9920

PHOTOGRAMMETRIC PLOT REPORT.

This report was submitted with T-9915.

31. DELINE ATION.

The graphic method was used.

Due to insufficient photographic coverage, the southernmost portion of ATKINSON ISLAND has not been delineated. Given an approximate delineation during review.

The scale of the photographs was good.

Field inspection was adequate.

32. CONTROL.

The control was adequate. Placement and density was good.

33. SUPPLEMENTAL DATA.

None.

34. CONTOURS AND DRAINAGE.

Contouring inapplicable.

Drainage has been delineated as shown on the photographs and from 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 while all the aids were identified in 1952 on photographs flown in 1951, two (2) were moved in 1952 and one (1) in 1953. The aids involved are:

LIGHT 66 (moved in 1953)

LIGHTS 69 and 70 (moved in 1952)

GALVESTON BAY CHANNEL, LIGHTS 61 and 62, are not shown due to insufficient photographic coverage. Attention is also called to LIGHT 61A (GALVESTON BAY CHANNEL) noted in the 1953 Light List. Entered on ms. in approximate position. LTS. Har. 10,1954

The difference between FRONT and REAR RANGE LIGHTS as shown on the map manuscript and in the 1953 Light List are as follows:

T TOYIM	Bear-	SCRIPT Distance in Yards		1953 HT LIST Distance in Yards
GALVESTON BAY HOUSTON SHIP CHAN -RANGE D FRONT & REAR LIGHTS	ings NEL 129°21'	468	129°	400 1952 HT LIST
*-RANGE B FRONT & REAR LIGHTS	146°51	130	146°	125

* Notice to Harmers No 2, 10 Jan. 1953: Lights discontinued; structure for front light removed; "Leading Light B" established on rear structure.

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

A direct radial plot was resorted to in the southern portion of Atkinson Island because of extensive shoreline changes and doubtful positions of lights.

See also Special Report "Landmarks for Charts" bound with Completion Report.

38. CONTROL FOR FUTURE SURVEYS.

Two (2) of them do not show a geographic position because see 37.

of a lack of photographic coverage. Four (4) stations have been listed under Item 49. Those not listed are nonfloating aids to navigation surrounded by water.

39. JUNCTIONS.

A satisfactory junction has been made with T-9919 on the north and 3/4 minute of T-9918 on the west. There is no contemporary survey to the south or east.

40. HORIZONTAL AND VERTICAL ACCURACY.

Vertical accuracy inapplicable.

The southern delineated portion of ATKINSON ISLAND is controlled by two-cut detail points.

46. COMPARISON WITH EXISTING MAPS.

Comparison has been made with U. S. Corps of Engineers Topographic Quadrangle MORGAN POINT, scale 1:31,680, compiled in 1943, and the Army Map Service copy of the above at a scale of 1:25,000.

Except for changes in shoreline due to dredging and filling, no outstanding discrepancies were noted.

Comparison was made with USC&GS Topographic Survey, HOUSTON SHIP CHANNEL, REGISTER NO. 4614, scale 1:5,000, dated December 1930. Since the MORGAN POINT topographic quadrangle is of more recent date, the discrepant ies noted have not been listed.

47. COMPARISON WITH NAUTICAL CHARTS.

Comparison has been made with USC&GS Nautical Chart No. 588, scale 1:10,000, published January 1937, and corrected to October 5, 1951.

The shoreline in general shows no outstanding changes other than those noted in Item 46.

Attention is called to the following offshore details noted on the chart and not recovered by field inspection:

Pile - awash at H.W. - Latitude 29° 40!5

Longitude 94° 58! (approx.)

Broken piling, rock pile and pile, located in the vicinity of GALVESTON BAY CHANNEL, LIGHT 70.

These are not visible on the photographs.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.

Rudolph Dossett Carto Photo Aid

APPROVED AND FORWARDED:

V. E. Waugh, Chief of Party

48. GEOGRAPHIC NAME LIST.

ATKINSON ISLAND

BAYRIDGE PARK BARBOUR CUT

CEDAR BAYOU CHANNEL CLIFFS YACHT BASIN

GALVESTON BAY

HOG ISLAND HOUSTON SHIP CHANNEL

MORGAN POINT

PRINCE GREEN YACHT BASIN

SAN JACINTO BAY

TEXAS TEXAS 146

> Names approved 3-12-54. L. Heck

49. NOTES FOR THE HYDROGRAPHER.

The following recoverable topographic stations will be of use to the hydrographer:

HOUSTON SHIP CHANNEL, RANGE B FRONT LIGHT, 1952, 1955
HOUSTON SHIP CHANNEL, RANGE B REAR LIGHT, 1952, 1955
COUNTY WHARF LIGHT 1, 1952, 1955
COUNTY WHARF LIGHT 3, 1952, 1955

PL TOGRAMMETRIC REVIEW BRANCH DEPARTMENT . COMMERCE

U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED STRU

STRIKE OUT ONE

Tampa Photogrammetric Office, Tampa, Fla. 18 Nov. 1953

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, Carto Photo Ald

STATE	TEXAS				POSITION	7		METHOD			TRAH
			LATIT	LATITUDE*	Loi	LONGITUDE *		LOCATION	DATE		
CHARTING	DESCRIPTION	SIGNAL		II. M. METERS	0	D.P. METERS	DATUM	SURVEY No.	LOCATION	HARBO	ATT
	CALVESTON BAY										
HOUSTON	FOR SHIP CHANNEL						* / " "	Radiel			
	X RANGE B, FRONT LIGHT		29 ho	13001	द्ध	50 42.21	1927	Flot T-9920	1952	×	1282
	A RANGE B, REAR LIGHT		29 40	1200	5 7%	56 32.07	*	2	==	×	*
	X RANGE D, PRONT LIGHT		29 41	Line State	85 48	8 59.62	8	=	=	34	
^	X RANGE D, REAR LIGHT		29 43	05.07	24 5	50 47:10	=	2	=	X	2
~	X COUNTY MARRY LIGHT 1	1	29 to	1282	97 78	8 55.86	a	=	=	×	8
×	COUNTY WEARP LICHT 3		29 40	52.90	94 58		2	=	=	×	
CALV								- 1			
×	LIGHT 70 (NO. 28, 1931)	BEAGOIN	29 40	530.59	5 75	50 36.46	22	Triens T-9920	1931	×	
×	LIGHT 69		29 I ₄ 0	19.23	94 58	6 44.29		Rad. Flo	1952	×	8
×	LIGHT 66		29 39	200	3 16	58 7.66	=	=	=	>4	
×	LIGHT 65		29 39	07.99	94 5	58 14:43		22	=	×	8
x for	x for 1955 positions see page 14	V									14

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 ho

DESCRIPTIVE REPORT U.S. DEPARTMENT OF COMMERCE

CONTROL RECORD

COAST AND GEODETIC SURVEY

FROM GRID OR PROJECTION LINE IN METERS COMM- 0C. 57845 (BACK) FORWARD 17 Oct. 1998 SCALE FACTOR FROM GRID OR PROJECTION LINE IN METERS 7.9) 1435.7 (411.7) 343,3 (1269,9) 1035,0 (812,4) 1260,6 (353,3) 449.3 (1398.1) 1268,6 (344,6) 175,1 (1672,3) 1277,1 (570,3) 1071.8 (541.4) 1123.9 (723.5) 972,2 (641,2) 206.0 (1641,4) 412,1 (1201,6) 246.0 (1601.4) 223,1 (1390,7) 620,9 (1226,5) 1189,5 (423,9) 981.3 (632.1) 266.9) 632,9 (1214,5) 116,4) 1633,8 (213,6) N.A. 1927 - DATUM 8.3 1605,2 (1496.9 FORWARD 1514,9 CHECKED BY. B. R. Ballance DATUM SCALE OF MAP 1:10,000 OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET. (BACK) FORWARD LONGITUDE OR x-COORDINATE 39,863-LATITUDE OR #-COORDINATE 12,769 14.593 41,479 07,991 51,333 08,294 46,867 06,691 46,630 36,155 15,323 36,493 33.614 59,704 05,688 47,184 36,501 20, 165 44.236 20,554 53,063 56,343 3-7 Oct. 1955 PROJECT NO. Ph-76 2 38 \$ 9 40 26 41 58 58 39 38 30 4 8 5 8 58 58 58 58 41 58 6 58 22 2 ま 3 20 \$ 2 2 2 8 3 8 3 ¥ 8 K \$ \$ 3 Ŧ DATUM N.A. 1927 ı 2 ŧ ŧ t 2 SOURCE OF CH.Pg 3 HOU.SH. COMPUTED BY: S. Tibbetts (INDEX) 6. P. RANGE D, FRONT LIGHT, Pg 5 4 S Pg 3 RANGE B, FRONT LIGHT," PE 9 Pg 1 6d Pg P8 Pg ŧ * \$ \$ RANGE D, REAR LIGHT RANGE B, REAR LIGHT HOUSTON SH.CHANNEL, HOUSTON SH. CHANNEL, HOUSTON SH.CHANNEL, HOUSTON SH.CHANNEL, HOUSTON SH, CHANNEL, COUNTY WHARP LIGHT, HOUSTON SH, CHANNEL, HOUSTON SH.CHANNEL HOUSTON SH.CHANNEL HOUSTON SH, CHANNEL COUNTY WHARF LIGHT SH, CHANNEL MAP T. 9920 LIGHT 65, 1955 LIGHT 66, 1955 GALVESTON BAY, LIGHT 70, 1955 ATKINSON, 1955 LIGHT 69, 1955 GALVESTON BAY. GALVESTON BAY. GALVESTON BAY. 1955 STATION RIGHT 2, HOUSTON 1, 1955 1935

DATE

DATE



U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

FORM **164** (4-23-54)

ORT COAST AND GEODETIC SURVEY

DISTANCE FACTOR DISTANCE FROM GRID OR PROJECTION LINE FROM GRID OR PROSECTION LINE IN METERS (BACK) FORWARD SCALE FACTOR 50.8) 366.6) 401,8 (1445,6) 1500.9 (112.3) (BACK) N.A. 1927 - DATUM 1796.6 (1246.6 (FORWARD DATUM 1:10,000 OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET, (BACK) SCALE OF MAP. FORWARD 13,049 LONGITUDE OR x COORDINATE 58,350 46.364 LATITUDE OR V-COORDINATE Ph-76 0 38 41 58 PROJECT NO. 3 8 8 \$ DATUM N.A. 1927 2 SOURCE OF INFORMATION HOU.SH. CH.Pg 5 G.P.S Pg 5 2 9920 HOUSTON SH. CHANNEL RANGE C, EXTENSION, 1955 (7000 (USE), 1955 MAP T STATION 90 + 90

COMM- DC- 57843

17 Oct. 1955

B. R. Ballance

CHECKED BY:..

3-7 Oct. 1955

DATE..

COMPUTED BY R. S. Tibbets

PH-LOGRAMMETRIC REVIEW BRANCH DEPARTMENT & COMMERCE Form 567 April 1945 .

U. S. COAST AND GEODETIC SURVEY

N Page 2 of

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED TO BE DELETED

STRIKE OUT ONE

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be The positions given have been checked after listing by Rudolph Dossett, Carto Photo Ald charted on (deleted from) the charts indicated.

Tampa Photogrammetric Office, Tampa, Fla. 18 Nove. 19 5;

IRTS		5													
CHA			2000	2 6	:										15
			×												- 970
ATE	ATION		952												
			-												
SATION	No.	i e i	1920												
		Red													
	DATUM		N.A.		=										
*	ETERS		9-1		20.8										
ITUDE	D.P.MI		27.	1/32	39.										
LONG	-		28	45											
	•		汞	98	20								`		
*2	"METERS		36.8	13.6	23.2										
TITUDE	D. M.														
LA	1 0		141			· /									
T			ñ	4	~										
	SIGNAL														
															Y
				0000											
	NO			9	9 79										
	CRIPTI	x		1001	Ligit										
	DES	NEL	9	10	nel										
		HAM	NO.	1 30	han										
		טת כ	BEAC	107	C									A	
		BAX	DAY	Gate											
	CHARTING	CIEDAR													
	OF THE PERSON NAMED IN	200			-	The second second									
	LATITUDE* LONGITUDE* OF CH.	DESCRIPTION DESCR	DESCRIPTION DESCRIPTION SIGNAL O 7 11 DATUM SURVEY NO. BAYOU GHANNELA REGLET REGLE	DAYBEACON 6 DESCRIPTION DESCRIPTION SIGNAL O M. METERS O M. M. METERS O M. M. METERS O M.	DESCRIPTION DESCR	DAYDRACON 6 Channel Light 61 1952 N	DAYBRACON 6 Channel Light 61 coperates 29 41 11.89 42.77 Channel Light 61 coperates 29 57 132.9 Channel Light 61 coperates 29 57 120.25 Channel Light 61 coperates 29 120.25 C	DATE BATOU CHANNELL LATTUDE * LONGITUDE * LOCATION DATE OF STATES LOCATION LOCATION LOCATION LOCATION DATE OF STATES LOCATION LOCATION	DAYBEACON 6 Chaire Light 6 2 37 57 37 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 56 27 57 57 57 57 57 57 57 57 57 57 57 57 57	DAYBRACON 6 Channel Light 62 2, 27 37 472.2 Channel Light 62 2, 27 472.2 Channel Light 63 2, 27 472.2 Channel Light 64 2, 27 472.2 Channel Light 65 2, 272.2 Channel Lig	DAYBRACON 6 Selection Selection Channel Light Selection Channel Channel Light Selection Channel Channel Light Selection Channel Channel Channel Light Selection Channel Chann	DATEMENTALY DATEMENTALY DATEMENTALY DATEMENT OF A CANADA OF SIGNAL DATEMENT OF SIGNAL SOFT OF SIGNAL SOF	DATESACOU GHANNELL DATESACOU CHANNELL DATESA	BAYOU CHANNELL Channel Light & 2 m metres LONGTUBER LONGTUBER LONGTUBER LONGTUBER LONGTUBER LONGTUBER LONGTUBER LONGTUBER PARTITION DATUM AUTHOR CONTINUENTS LONGTUBER OF MATTERS OF MATTERS	AXOU GHANNELL OFFERINGE LATTUDE* LATTUDE*

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

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9920

1. Projection and grids WHS 2. Title WHS 3. Manuscript numbers WHS 4. Manuscript size WHS
CONTROL STATIONS 5. Horizontal control stations of third-order or higher accuracy WHS 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) WHS 7. Photo hydro stations XX 8. Bench marks WHS 9. Plotting of sextant fixes WHS 10. Photogrammetric plot report WHS 11. Detail points WHS
ALONGSHORE AREAS (Nautical Chart Data) 12. Shoreline WHS 13. Low-water line WHS 14. Rocks, shoals, etc. WHS 15. Bridges XX 16. Aids to navigation WHS 17. Landmarks XX 18. Other alongshore physical features WHS 19. Other along—shore cultural features WHS
PHYSICAL FEATURES 20. Water features WHS 21. Natural ground cover WHS 22. Planetable contours XX 23. Stereoscopic instrument contours WX 24. Contours in general XX 25. Spot elevations XX 26. Other physical features WHS
CULTURAL FEATURES 27. Roads <u>WHS</u> 28. Buildings <u>WHS</u> 29. Railroads <u>WHS</u> 30. Other cultural features <u>WHS</u>
BOUNDARIES 31. Boundary lines XX 32. Public land lines XX
MISCELLANEOUS 33. Geographic names WHS 34. Junctions WHS 35. Legibility of the manuscript WHS 36. Discrepancy overlay XX 37. Descriptive Report WHS 38. Field inspection photographs WHS 39. Forms WHS 40. William A Rasure William A Rasure Supervisor, Review Section or Unit 41. Remarks (see attached sheet)
41. Reliidiks (See attaclied 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

Su also Supplemental Review Report with- 7-991 Review Report Shoreline Survey T-9920 12 March 1954 61. General .- Because this project's maps are from field inspection of June 1952, Range B lights are retained on this map manuscript even though the front light was removed and the rear light became "Leading Light B" early in 1953. The southern tip of Atkinson Island and Channel Lights 61 and 62 were added with approximate lines, even though no radial intersections could be made. The center of photograph 51-0-5673 fell sufficiently near the point to afford an image of good scale and the azimith 51-0-5672/51-0-5673 placed its direction. 62. Comparison with Registered Surveys .-T-4613 1:5,000, 1931 Cedar Bayou, Atkinson Island.
4614 " Morgan Point and vicinity. Except for the contour on T-4614, T-9920 supersedes the older surveys for charting purposes. 63. Comparison with Maps for other Agencies .-AMS Quad. Morgan Point, Texas, 1949. Except for the contours, the quadrangle is superseded by T-9920 for charting purposes. 64. Comparison with Contemporary Hydrographic Surveys .- No hydrographic surveys were made since the 1931 series H-5121 to 5128 incl., 1:5,000. 65. Comparison with Nautical Charts .-588 1:10,000 Jan. 1937, rev. June 1951 1282 1:80,000 Feb. 1945, rev. Jan. 1953 (See also p. 14 of the Compilation Report) Small piers charted at Morgan Point are not on T-9920 and are not visible on the photographs. Atkinson Island has extended southward, by accretion of spoil, to approximately 29° 37.5' from 29° 39.25' since chart 1282 was set up. The present survey supersedes the chart in their common areas and common detail. 66. Accuracy .- This map complies with project instructions and meets the National Standards of Accuracy except for the southern

T-9920

end of Atkinson Island and lights 61 and 62 which were delineated by the approximate symbol during review.

Reviewed by:

Lena T. Stevens

APPROVED

Chief, Review Branch

Div. of Photogrammetry

Chief, Div. of Photogrammetry

6 March 1958 M

Chief, Nautical Chart Branch

Diviston of therts

Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. <u>9928</u>

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
3/19/54	588	S.T. M. Jane	Before After Verification and Review Below addition a will
8-20-58	588	CR. William	Before After Verification and Review Part applied
			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
	 		· · · · · · · · · · · · · · · · · · ·
LL		<u> </u>	M.2163.1

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.