9678

Diag. Cht. No. 1271 & 1273-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-90 Office No. T-9678

LOCALITY

State Louisiana

General locality Louisiana Coast

Locality Hackberry Bay

19452-56

CHIEF OF PARTY
E.H.Kirsch, Chief of Field Party
H.C.Applequist, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE Febuary 26, 1959

B-1870-1 (I

DESCRIPTIVE REPORT - DATA RECORD

T - 9678

Project No. (II): 21200

Quadrangle Name (IV):

Field Office (II): Houma La.

Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Tampa Fla.

Officer-in-Charge: H. C. Applequist

Instructions dated (II) (III):

5 Sept. 1952

Copy filed in Division of

25 Sept. 1952 (Supplement #1)

30 Sept. 1952

(Supplement #2)

Photogrammetry (IV)

Method of Compilation (III): Graphie

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III):

None

Date received in Washington Office (IV): 17-21-56 Date reported to Nautical Chart Branch (IV): 1-16-57

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927.

Vertical Datum (III):

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): Hackberry 3, 1934

Long.: 90°03 •20# . 347(548.7m)

Adjusted

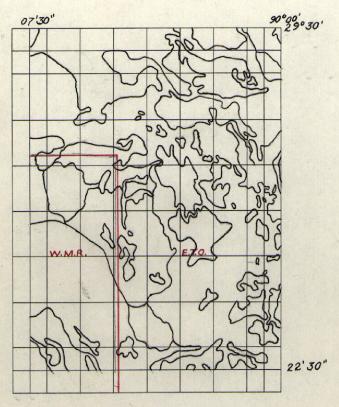
Plane Coordinates (IV):

State:

Zone:

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)

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): E. T. Ogilby

W. M. Reynolds

Date: Jan. 1953 Jan. 1953

Planetable contouring by (II): E. T. Ogilby

W. M. Reynolds

Date: Jan. 1953 Jan.1953

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): Jan. 1953 Air Photo Compilation

Projection and Grids ruled by (IV): Austin Riley (W.O.)

Date: 28 Aug. 1953

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

Date: 3 Sept. 1953

Control plotted by (III): R. R. Wagner

Date: 19 Oct. 1954

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

Date: 20 Oct. 1954

Radial Plot contentos conte

Contack astrosion by (III): M. M. Slavney

Date:17 May 1956

Planimetry

Contours

Stereoscopic Instrument compilation (III):

Inapplicable

Date:

Date:

Manuscript delineated by (III): I. I. Saperstein

Photogrammetric Office Review by (III): J. A. Giles

Date: Dec. 1956

Date: Dec. 1956

Elevations on Manuscript

checked by (I) (III): J. A. Giles

Date: Dec. 1956

DESCRIPTIVE REPORT - DATA RECORD

C&GS 9-lens and U.S.Navy Single-lens Camera (kind or source) (III):

			PHOTOGRAPHS	(III)	
Number	Date		Time	Scale	Stage of Tide
39550	29 Sept	. 1952	10:41	1:20,000	10.4
39551	11 11	11	10:42		11
MDA-23-036	8 Mare	h 1952		11	
PDA-20-152		h 1952	-		-
MDA-20-153	7 Mare	h 1952	-		
56-W-4114 56-W-4124	5:-6	10-	4/	1	
56-01-4/14	the state	'chs	Motogrape	7	
56-W-4211	10 and	nc1. 41	19 23.1	Oct. 1956 1:30	000
0 111-1110				1	
56-10-4193		. 4	197 .	7	
56-W-4228	" "	. 4	232 .		The state of the s

Tide (III) Predicted

Reference Station: Pensacola

Subordinate Station: Manila, Barataria Bay

Subordinate Station:

Washington Office Review by (IV): J.J. Shreifler

Date: Sept. 1958

Ratio of Mean Ranges

Date:

Date:

Date:

0.3

Range

Diurnal

SDOODX

Range

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 56

Shoreline (More than 200 meters to opposite shore) (III): 72

Shoretron/tigen-then-RSG-unsteracte-openside-observictibis

Control Leveling - Miles (II): None

Number of Triangulation Stations searched for (II): 33

Number of BMs searched for (II):

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

Identified: Identified: 14

Recovered: 9

Recovered: 11

Remarks:

Summary to accompany topographic map T-9678

This is the northeastern most topographic survey of Ph-90 (6090). The area is directly west of BARATARIA BAY in the vicinity of HACKBERRY BAY in the State of Louisiana near the Gulf of Mexico.

The land area is practically all marsh and only two small five-foot contours are shown. There are no roads within the limits of this sheet and cultural features are confined to a few cabins and such objects as are associated with the exploration and development of oil. This activity is mostly in the southeastern portion of this quadrangle (Hackberry Bay area).

Along with other sheets of this project, consisting of topographic and planimetric maps, T-9678 was compiled in 1955 from photography of 1952 and results of field inspection of 1953. The compilation manuscript was revised in 1957 from 1956 single-lens photography without benefit of additional field inspection or completion survey. Changes were applied from adequate photography by office interpretation only at the Tampa District Office. This field office submitted as the final map manuscript a positive obtained from an appropriately scribed sheet with the addition of vegetation stickup and type.

Hydrographic information will be added to a copy of the map manuscript according to U. S. Geological Survey specifications and released to that agency for the publication of a standard 7½ minute quadrangle at the scale of 1:24000. A previous quadrangle without contours of identical area (BAY DOSGRIS, LA.) by the G. S. of 1935 at the scale of 1:31680 will then become obsolete.

A Cronar film positive at manuscript scale of 1:20000 and the Descriptive Report, as well as a print in colors after final printing by G. S. will be registered and filed in the Bureau Archives.

Sept. 1958

2. AREAL FIELD INSPECTION

The area embraced by this map is marsh except for short streches of shell beach and some fast ground in the western section. This fast ground composes the old natural levees of bayous that have since filled themselves in.

There is considerable trapping, shrimping, and oyster fishing in this area. The area also has numerous oil wells and the oil field workers are the only year round inhabitants.

See Field Inspection Report, Quadrangle T-9882() for a general description of the conditions in local oil fields.

The photographs are clear. The field inspection is believed to be complete and adequate.

The field work was done on the following photographs, nine-lens: 39549, 39550, 39551, and Navy single-lens ratio prints MDA-20-151 through MDA-20-154, MDA-23-036, and MDA-23-038.

3. HORIZONTAL CONTROL

No supplemental control was established.

The following Coast and Geodetic Survey Stations were reported lest: HACKBERRY 1877; HACKBERRY 2 1911; BUG 1934; SUN 1934; 2ND FLATFORM CHIMNEY 1911; TREE 1934; BUR 1934; DUFONT 1877; GRAND BAYOU 1877; FLAG IN TREE NO.2 1877; COFFEE 1877; POT 1934; ELACK AND WHITE FLAG 1877; ST. DENIS 1877; ST. DENIS 2 1911; CHANGE 1877; FLAG IN TREE (CUILERS CHENIERE) 1877; BAYOU CUILER ENTRANCE LT. 1934; SER 1934; DEN 1934;

4. VERTICAL CONTROL

Vertical control consists of tidal bench marks. All existing ones were recovered. They are as follows: LITTLE LAKE TIDAL BENCH MARK NO 1, 2, and 3; MANILLA VILLAGE TIDAL BENCH MARK NO 1, 2, 3, 4, and 5; HACKBERRI BAY TIDAL BENCH MARK NO.1, 2, and 3; BAYOU ST DENIS TIDAL BENCH MARK NO.1, 2, and 3.

See Paragraph 5 for discussion of vertical control for contouring.

5. CONTOURING AND DRAINAGE

As practically the entire area is marsh, there is porelief in the quadrangle. Spot elevations were established at widely spaced intervals, according to the project instructions. Vertical control for the contouring was obtained by establishing tide staffs at the various tidal bench marks. The staffs were read and the water elevations recorded. Hand level methods were used to obtain spot elevations, using the water level as datum. These were recorded on the field photographs and reduced to half tide level from the tide staff record. The tide staffs used in various areas have been indicated on the photographs.

The drainage is all tidal and is easily discernible on the photographs.

6. WOODLAND COVER

Woodland coverage consists of small areas of trees, on the fast ground, which have been indicated on the field photographs.

7. SHORELINE AND ALONGSHORE FEATURES

All shoreline is apparent except for small shell beaches.

The mean low water line is contiguous with the mean high water line.

There is a house boat docked in a slip that is dredged in the island in the center of Hackberry Bay. This house boat remains in the oil field but it has been moved since photography and may be moved again. It has been deleted and the field editor is cautioned not to assume this house boat is in a permanent location.

8. OFFSHORE FEATURES

Adequately covered by the photographs. Piling were located by planetable methods using well and platforms identifiable on the photographs as control.

The Texas Company has supplied a list of positions for the wells in Bayou de Chene Field but some wells do not exist, either because they were dry or not drilled. The existing wells were identified on the field photographs.

9. LANDMARKS AND AIDS

All landmarks and aids are reported on Forms 524 and 567.

10. BOUNDARIES, MONUMENTS AND LINES

See "Special Report, Boundaries, Project Ph-90" and "Special Report, Public Land Lines, Project Ph-90".

11. OTHER CONTROL

One landmark and three aids to navigation have been located as recoverable topographic stations and have been reported on Form 524.

12. OTHER INTERIOR FEATURES

There are a number of trappers cabins which have been indicated on the photographs. Due to lack of cultural features these are land-marks in themselves and should be mapped as Class 1 buildings.

The Texas Company Map No. 130633, Gas Line, Golden Meadow to Bayou St. Denis, shows route of a pipeline crossing the area from west to east. This pipeline has been identified on the photographs.

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-90,"

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. 90-5, Forms 567, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. 90-6, Forms 567, to be forwarded to Photogrammetric Office at a later date.

Letter of Transmittal No. 90-7, "Special Report, Public Land Lines, Project Ph-90" and other land lines data, forwarded to Washington Office 29 April 1953.

Letter of Transmittal dated 28 January 1953, Public Land Lines data forwarded to Washington Office, same date.

Letter of Transmittal No. 90-8, "Special Report, Geographic Names, Project Ph-90", to be forwarded to Washington Office at a later date.

Letter of Transmittal No. 90-9, "Special Report, Boundaries, Project Ph-90", forwarded to Washington Office 6 May 1953.

Two (2) sheets, Bay de Chene Field, positions of wells. The Texas Company Map No. 130633, 8" Gas Line, Golden Meadow to Bayou St. Denis, The Texas Company, forwarded to Washington Office with data for quadrangle T-9676.

Letter of Transmittal No. 90-31, Data, Quadrangle T-9678(), forwarded to Washington Office MAY 1 4 1953

Submitted 13 May 1953

Eugene T. Ogilby

Cartographic Survey Aid

Approved & Forwarded MAY 1 4 1953

E. H. Kirsch

Chief of Party

RM 164 23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPOR

MAST AND GEODETIC SURVEY INTROL RECORD

SURVEY

MAP T. 9678		PROJE	PROJECT NO. Ph-90	SCALE OF MAP 1,20,000	000°6	SCALE FACTOR	JR.
STATION	SOURCE OF INFORMATION (INDEX)	ратим	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	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)
MD, 1934	G2386 P 95	N.A. 1927	29 28 20,902 90 (ft 27,95)			643.6(1203.7)	
насквенет 3, 1934		Ħ	29 23 19.807 90 03 20.3h7			609.8(1237.5)	
RAN, 1934	n. 95	Ħ	29 25 39.278 90 (f) 25.705			1209.3(638.0)	
upr. 1934	″ 6*d	=	29 29 15 465 90 01. 93 1.99			(1.176.2(13.374)	
ST. DENNIS 3, 193		£	29 29 141.962 90 m 02 75			1384.3(463.0)	
NIS, 1934	" P.93	` #	29 28 14.040 89 59 25.116			432.3(1)(15.09)	
NET, 1934	# P. 95	2	29 25 15.193 90 03 28.918			1391.4(455.9)	
JOS, 1934	P.95	ŧ	29 27 38.382 90 03 31.725			1181.7(665.6)	
LITES, 1934	" P.78	#	29 27 22.910 90.06 32.881			(6.1411)4.207 (8.057)0.888	
1 FT. = 3046006 METER COMPUTED BY. B. W11 SON	lson	0	DATE 10/22/53	CHECKED BY. J. Steinberg	einberg	DATE 11/4/53	COMN- DC. 57843

COMPILATION REPORT T-9678

PHOTOGRAMMETRIC PLOT REPORT Submitted with T-9865

31. DELINEATION

The graphic method was used.

The field inspection was adequate and no difficulty was encountered in the delineation.

The morthern two minutes of the manuscript was compiled from the U.S.Navy single-lens ratio prints because of lack of coverage of nine-lens photographs.

It was possible in certain areas of the manuscript to obtain twocut intersections only on detail points, because of lack of photograph coverage. These areas are in the northern and eastern parts of the manuscript. However the detail is believed to be within the limits of accuracy. These two-cut intersections are shown with green ink on the manuscript.

Only those oil wells shown on the photographs were delineated (see Item 8). It will be noted however that all the oil wells were plotted using the positions given by the Texas Co. The wells were then located photogrammetrically in an effort to check the radial plot. Some wells checked the plotted position and others did not. It was learned however that the positions given by the Texas Company were those of reference points and not necessarily those of the actual Wells.

32. CONTROL

Reference Photogrammteric Plot Report.

33. SUPPLEMENTAL DATA

The Texas Company Map of the 8" Gas Line, scale 1:20,000 dated August 1948.

The bearings and distances given on this map check the radial plot position of the pipe lines.

34. CONTOURS AND DRAINAGE

The field inspection has given numerous spot elevations throughout the sheet but only one contour was shown.

35. SHORELINE AND ALONGSHORE DETAILS

The mean-high-water line was delineated according to the photographs and the field inspector's notes. All alongshore detail has been shown on the manuscriptt. The shoals were shown according to the

field inspector's notes. (See field photograph 39550). Shoreline inspection was adequate.

36. OFFSHORE DETAILS

All offshore details, mostly wells and platforms, have been shown. (See Item 8).

37. LANDMARKS AND AIDS

There are three fixed aids to navigation located on shore, for which Forms 52h have been submitted. A radio tower has been recommended for charting as a landmark.

38. CONTROL FOR FUTURE SURVEYS

See Item 11. A list of recoverable topographic stations has been prepared and listed under Item 49.

39. JUNCTIONS

A junction has been made with T-9677 to the west. No contemporary survey to the north. A junction will be made with T-9867 to the south after field edit. No contemporary survey to the east, but a junction with U.S.G.S.Quadrangle Wilkinson Bay, scale 1:31,680, 1935 was attempted. Due to the natural erosion of the shoreline since 1935, it was impossible to obtain a junction. The detail was shown about 1.5 cm past the neat line in accordance with the Topographic Manual 5114.

40. HORIZONTAL AND VERTICAL ACCURACY

See Item 31 concerning two cut intersections.

41. BOUNDARIES

The parish line was drawn according to a map prepared by J. A. Lovell, using bearings and distances shown thereon instead of the description as given in the Boundary Report. It will be noted that the distances given on the Lovell map do not put the parish line in the center of Grand Bayou in some instances, although the description does so.

The field editor should determine if possible, the correct position of the line.

The courts, it will be noted in the boundary report, adjudged the Lovell map an accurate, true and correct survey. However, the ruling is being appealed.

42. PUBLIC LAND LINES

Public Land Lines were shown using three sources: (1) G.L.O. plats, (2) U.S.G.S.Quad BAY DOSGRIS, and (3) The Texas Co. 8" Pipe Line. The Texas Co. map was used in controlling the section lines. A point was given on the pipe line that tied down the range line between R23E and R24E. The map being relatively late and the same scale as the manuscript, section lines in T20S R23E were shown by holding control and common detail.

Sections 37 and 38 were taken from U.S.G.S. Quad, there being no bearings and distances given on the G.L.O. plats with the exception of Section 37 in T19S R23E. In this particular section, a difference occurs between the G.L.O. plat and the Quad. (See Section Line Discrepancy Print).

In other areas of the manuscript the G.L.O. plats were used.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with BAY DCSGRIS Quadrangle 1:31,680 edition of 1935; and Planmetric Map T-5300, 1:20,000, edition of 1934.

Both maps compare favorably with the manuscript except for natural erosion of the shoreline and some islands and the addition of man-made detail.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with C&GS Chart 1273, 1:80,000 edition of Jan. 1937, revised to 5 Sept. 1955.

The maps listed in Item 46 were probably the sources of topography for the chart. The same differences exist between the chart and the manuscript.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

I. I. Saperstein Carto Photo Aid

Approved and Forwarded:

H. C. Applequist Chief of Party T-9678.

Geographic Names.

Alombro Cemetery

(new name, not previously reported)

Bay de Chene Oil Freld (see note below)

Bay Dosgris
Bayou Casse-tete
Bayou Cholas
Bayou Defond
Bayou Cutler

Bayou Dosgris Bayou St. Denis

Coffee Bayou Creole Bay Creole Pass

East Fork Bayou 1'Ours

Grand Bayou

Hackberry Bay

Jefferson Parish

Little Lake
Live Cak B y
Louisians

Manila Bayou Manila Village Oil Field

(from 1955 Jefferson Parish Highway Map)

Mud Lake
Old Crand Bayou
St. Joseph Bay
Snail Bay
Snail Bayou

Names approved Jan. 16, 1957 L. Heck

While there is no objection to using "THe Texas Company", the U.S.G.S. in the new 1955 quads of SW Louisiana (also MRC quads) use only the name of the oil field and do not give the names of the operating companies. The same applies to the newest USGS quads in Texas.

DEPARTMENOISE COMMERCE

MONITORING CHARTES LANDWARKS FOR CHARTS

U.S. COAST AND GEODETIC SURVEY

PHOTOGRAMMETRIC REVIEW BRANCH

TO BE CHARTED TO SERVICE STREET, PORTOR

STRIKE OUT ONE

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

Teaps Florida

The positions given have been checked after listing by L. I. Saparatein

STATE #	S ACTES TABLE			!	POSITION		-		SA	TRA	
			LAT	LATITUDE *	LONG	LONGITUDE *			4 P	HO 34	CHARTS
CHARTING NAME	DESCRIPTION	SIGNAL	, ,	D.M.WETERS	a	" D.P.METERS	DATUM	SURVEY No.	LOCATION	OERAH OHBMI HETTO	
8.8	The Texas Co. Bay dechene Field Steel skeleton Redio Town		29 2h	10,33	20 06	13.20	N.A. B	N.A. Hadial Plot 1927 T-9676 1953	1953	M	1999
	m.=.194 (196)										·, -
		-									
											-
		\								-	
											
										-	
									 		
										-	
) 		-									
										 	
					1					 	

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.

PHOTOGRAMMETRIC OFFICE REVIEW

_	_
L	63.
- 1	ш.

T- 9678

o .	1. 9070	,
1. Projection and grids	_ 【. 原. 2. Title _ 【. 原. 3. Manus	script numbers <u>J.G.</u> 4. Manuscript size <u>J.G.</u> uncl assified
	CONTROL ST	ATIONS
5. Horizontal control sta		yM.M.S. 6. Recoverable horizontal stations of less
•	·	Photo hydro stations XX 8. Bench marks J.G.
	•	ot report J.G. 11. Detail points J.G.
	ALONGSHORE	E AREAS
	(Nautical Cha	
		ks, shoals, etc. J.G. 15. Bridges J.G. 16. Aids
to navigation J.G. 1	7. Landmarks J.G. 18. Other al	ongshore physical features J.G. 19. Other along—
shore cultural features _	J.G.	
	, PHYSICAL FE	ATURES
20. Water features	.டே 21. Natural ground cover	44 22. Planetable contours23. Stereoscopic
instrument contours	🔼 24. Contours in general	J.G. 25. Spot elevations J.G. 25. Other physical
features		
•		
	CULTURAL FE	ATURES
27. Roads	Buildings J.G. 29. Railroads _	XX 30. Other cultural features J.G.
	BOUNDAR	NES
31. Boundary lines	•G• 32. Public land lines	
1 -	11100511111	ralla
22 Occasional manage	MISCELLANI	Legibility of the manuscript <u>J.G.</u> 36. Discrepancy
•		
40. William	a. Racuse for	inspection photographs J.A. 39. Forms J.A. William a. Raguel
Jesse A. Giles	Reviewer	Supervisor, Review Section or Union. A. Raster
41. Remarks (see attacl	hed sheet)	
FIELC	O COMPLETION ADDITIONS AND CO	DRRECTIONS TO THE MANUSCRIPT
		on survey have been applied to the manuscript. The
manuscript is now comp	lete except as noted under item 43.	
William &	t. Thearouse	W. M. Sharrey
	Compiler	Supervisos

43. Remarks:

Review Report of Topographic Map T-9678 September 1958

62. Comparison with Registered Topographic Surveys:

T-5300

1:20,000

1934

Numerous changes have occurred since the survey of 1934, mainly additional canals and construction of oil wells with accompanying piling, piers and platforms. T=7678 is to supersede T=5300 for nautical charting purposes of common areas.

63. Comparison with Maps of Other Agencies:

BAY DOSGRIS, LA. 1:31680, 1935, U. S. Geological Survey.

Changes listed under item 62 apply also to this quadrangle of identical time period.

64. Comparison with Contemporary Hydrographic Surveys:

None

65. Comparison with Nautical Charts:

1273 1:80,000 Revised to 58 3/3 1050 1:175000 Revised to 57 2/25

Agreement between subject survey and listed not difference nautical charts is good. 1956 single-lens photog- and distinct raphy used in the revision of T-9678 was applied to the larger-scale nautical chart as well. The chart \$29°30 of 1:175000 scale compares as good as scale difference permits.

66. Adequacy of Results and Future Surveys:

Results of 1956 single-lens photography was applied to the original compilation manuscript by office interpretation only--without benefit of field inspection or field edit. The photography appears adequate for such revision, which is believed to be adequate and accurate.

Reviewed by:

Josef J. Streifler

Chief, Review & Drafting Sec. Photogrammetry Division

Chief, Nautical Chart Branch Charts Division

Chief, Coastal Surveys

49. NOTES FOR THE HYDROGRAPHER

The following are recoverable topographic stations for which Form 524 have been submitted:

Bayou St. Denis Lt. 7, 1953

Bayou St. Denis Lt. 13, 1953

Bayou Cutler Entrance Lt. 1953

Radio Tower, 1953

TIDE COMPUTATION

24200 PROJECT NO. Ph. 90 T. 9678

Jan. 1953

Divenal L.O.

Date of field inspection

Subordinate station Manilla, Barataria - Bang

Ratio of ranges __0.3__

Height x Ratio of ranges 0,0 4.0 0.1 Height feet 1.7 Range of tide High tide Low tide 32 53 Ę. Time 7 Duration of rise or fall High tide Low tide

		_	ime				=	ine ine	
		Ę.	Ė				خ	Ë	
···	High tide at Ref. Sta.	9	42,	7	Low tide at Ref. Sta.	_	Ý	00	7
	Time difference	0	30	$^{\prime}$	Time difference	_	ĸ	75	1
	Corrected time at Subordinate station	7	3 2	<u> </u>	Corrected time at Subordinate station	N	70	25	\

	h. m.		feet		feet	Photo. No.
Time H. T. cast. T. Required time Interval	7 32/	Ht. H. T. ends Tr. Tabular correction Stage of tide above MLW	0.5 /	Feature bares Stage of tide above MLW Feature above MLW		39550
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H, T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW	,	
Time H. T. or L. T. Required time Interval		Ht, H, T, or L, T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H, T. or L. T. Tabular correction Stage of tide above MLW		Feature bares		

ر **ن**وز

Checked by __/// Computed by ____ 1/2 §

M-2617-12

NAUTICAL CHARTS BRANCH

SURVEY NO. <u>T-9678</u>

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
4-2-59	127/	RKD	No correction. Jeture - note change at 29°30' 90°07 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.

ı