

9872 ORIGINAL

Diag. Cht. No. 1274-2.

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	TOPOGRAPHIC
Field No. 24200	Office No. T-9872
LOCALITY	
State	LOUISIANA
General locality	GULF COAST
Locality	COCODRIE
19	
CHIEF OF PARTY	
E. H. Kirsch, Chief of Field Party	
H. C. Applequist, Tampa Photo Office	
LIBRARY & ARCHIVES	
DATE	JUN 10 1958

COMM-DC 61300

2486

DESCRIPTIVE REPORT - DATA RECORD

T - 9872

Project No. (II): 24200

Quadrangle Name (IV):

Field Office (II): Houma, La.

Chief of Party: B. H. Kirsch

Photogrammetric Office (III): Tampa, Fla.

Officer-in-Charge: H. C. Applequist

Instructions dated (II) (III): 5 Sept. 1952
Supplement #1 25 Sept. 1952
" #2 30 Sept. 1952

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): 1-20-56

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 5-9-58

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): PARASOLLE, 1934

Lat.: $29^{\circ}11'27''.782$ (855.3m)

Long.: $90^{\circ}40'06''.046$ (163.3m)

Adjusted
~~Coordinates~~

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.

FORM 181a
(4-23-54)

DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

W. M. REYNOLDS

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

DESCRIPTIVE REPORT - DATA RECORD

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

Date: **March 1953**

Planetable contouring by (II): **W. M. Reynolds**

Date: **March 1953**

Completion Surveys by (II): *Leo. F. Beugnet*

Date: *March 1957*

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

10 March 1953
Air Photo Compilation

Projection and Grids ruled by (IV): **Joan Thuma (W.O.)**

Date: **4 Sept. 1953**

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

Date: **8 Sept. 1953**

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

Date: **22 Oct. 1954**

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

Date: **22 Oct. 1954**

Radial Plot ~~and stereoscopic~~

~~contour extension~~ by (III):

M. M. Slavney

Date: **5 Oct. 1955**

Stereoscopic Instrument compilation (III):

Planimetry

Inapplicable

Date:

Contours

Date:

Manuscript delineated by (III): **W. W. Dawsey**

Date: **Sept. 1956**

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

Date: **Oct. 1956**

Elevations on Manuscript **J. A. Giles**
checked by *JA* (III):

Date: **Oct. 1956**

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **C&GS Nine-lens**

Number	Date	Time	Scale	Stage of Tide
39426	28 Sept. 1952	1117	1:20,000	0.9
39445	"	1141	"	"
39446	"	1142	"	"
39447	"	1143	"	"

Single-lens photography

SB-W-4300 to 4304 incl. 1:30,000 24 Oct. 1956
SB-W-4330 to 4334 " " "
SB-W-4484 to 4487 " " "

Predicted
Tide (III)

Reference Station: **PENSACOLA**
Subordinate Station: **WINE I, TERREBONNE BAY**
Subordinate Station:

Diurnal

Ratio of Ranges	Mean Range	Spring Range
-		1.3
1.0	1.3	-

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **48**
Shoreline (More than 200 meters to opposite shore) (III): **100**
~~Shoreline (Less than 200 meters to opposite shore) (III):~~
Control Leveling - Miles (II): **None**
Number of Triangulation Stations searched for (II): **4** Recovered: **2** Identified: ***3**
Number of BMs searched for (II): **9** Recovered: **1** Identified: **1**
Number of Recoverable Photo Stations established (III): **None**
Number of Temporary Photo Hydro Stations established (III): **None**

Remarks:

***Station BLAINE, 1928, was found with disk gone but monument in place. It was used in the radial plot.**

SUMMARY

TO ACCOMPANY TOPOGRAPHIC MAP T-9872

This is one of "Planimetric and Topographic Mapping Project PH-90 (6090)". The area represents a group of low marshy islands divided by many Bays and Bayous and is situated north of Lake Pelto and west of Terrebonne Bay in Louisiana along the Coast of the Gulf of Mexico.

A few isolated smaller contours are caused by spoil with a maximum elevation of eleven (11) feet. Erosion causes continuous shoreline changes and more noteworthy changes have come about in the exploration and development of oil.

All sheets of this project were compiled graphically at the Tampa District Office in 1955 from nine-lens photography of 1952 and field inspection of 1953. 1956 single-lens photography was used in 1957 to apply extensive changes to the original compilation. This is one of a limited number of sheets of this project which had a field edit in March 1957.

Hydrographic information will be added to the 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 1:24,000. A previous publication by the G. S. of 1935 at 1:31680 will become obsolete.

A "CRONAR" film positive at manuscript scale of 1:20,000 and the Descriptive Report as well as a cloth-backed lithographic print in colors at 1:24,000 after final printing by G. S. Will be filed in the Bureau Archives.

2. AREAL FIELD INSPECTION

State Highway 79 enters the area from the north for a distance of approximately one-half mile. Bayou Petit Caillou affords an outlet into Terrebonne Bay and the Gulf of Mexico for shallow draft boats. Bayou Misale, along the western side of the quadrangle also affords the same outlet as mentioned above.

The principal industries of this quadrangle are the exploration and development of oil and natural gas fields and the mining of sulphur. The Texas Company Bay Sainte Elaine Field is located along the southerly side of the quadrangle and also The Freeport Sulphur Company Mining Barge No. 1. The oil field has numerous dredged canals and producing wells. The oil company also maintains a permanent camp for the workers. This camp is shown on photograph 39446. The mining of sulphur is a fairly recent addition to this particular area. Wells are drilled to the sulphur deposits in the same manner as oil wells. A barge carrying the mining equipment was brought into a dredged slip and permanently moored, and the entrance to the slip was filled in. The mining of the sulphur is by the Frasch process, in which superheated water is pumped into well. The sulphur dissolved by the water and flows to the surface through another pipe. The molten sulphur is immediately loaded into barges built in the manner of a vacuum bottle and carried to the Freeport Sulphur Company's main plant at Grand Ecaille, Louisiana, for further processing. The areas along Bayou Petit Caillou surrounded by low levees are dumping areas for liquid refuse from the mining process.

For a description of a typical oil field in the area, see Field Inspection Report, Quadrangle T-9882(). The Bay Ste. Elaine field varies somewhat from this description in that most of the drilling sites were reached by dredging canals through the marsh and there are only a few short catwalks at offshore wells.

Maps of the Freeport Sulphur Company's installations and wells and of the Bay Ste. Elaine oil field are being submitted as well as lists of positions of both oil and sulphur wells. The Texas Company uses an arbitrary coordinate system based on Coast and Geodetic Survey triangulation stations ELAINE 1928 and PARASOLLE 1934 and little difficulty should be encountered in its use. The Freeport Sulphur Company uses an arbitrary coordinate system based on their station EARL, which is the northeast corner of Section 18, T22S-R18E. This station has been identified on the photographs. The azimuths used are presumably true, but this can be better determined by comparison with the positions of some of the wells which have been identified on the photographs.

All producing wells have been indicated on the photographs as of 10 March 1953 and no other wells on the lists or maps should be shown.

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The unincorporated village of Cocodrie is located at the end of the road in the northeast corner of the quadrangle and serves as a loading point for the many supplies used by the previously mentioned industries. All of the population live either in Cocodrie or the oil company camp, mentioned previously, except for seasonal occupation of the many cabins in the marsh during the trapping season.

In addition to the oil and sulphur industries, fishing and trapping play an important part as a means of gaining a livelihood for the population of the area. Large fleets of trawlers base out of the settlements along Bayou Petit Caillou and the trapping of muskrat during the winter season is also of considerable importance.

Field inspection is believed complete. The following nine-lens photographs were used: 39425, 39426, 39445, 39446, 39447, and 39537.

No items were deliberately left for the field editor but new canals and producing wells will probably have been dug and brought in in the oil and sulphur development areas by the time of field edit.

3. HORIZONTAL CONTROL

All control was searched for and where redovered was identified to aid in control of the radial plot. The following stations were reported lost: ELAINE 1928 and OIL DERRICK 1934.

Station ELAINE 1928 was reported lost but was identified. The station monument was recovered with the top broken off and the disk gone but the reference marks were recovered in good condition.

No supplemental control was established by the field party.

4. VERTICAL CONTROL

Seven tidal bench marks were searched for but not recovered. One U.S.G.S. third-order bench mark, triangulation station LITTLER 1934 (C&GS) was recovered and identified.

No supplemental levels were established by the field party.

5. CONTOURS AND DRAINAGE

The only elevations above the contour interval are located along the spoil banks of the oil and sulphur developments mentioned previously. The elevations for these areas were determined from a portable tide gage installed near the mouth of Bayou Petit Caillou. Rod readings were taken along the spoil by hand level from the surface of the water. These readings were later reduced to half-tide level as determined by the Washington

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Office by using the marigram from the tide gage. Where the contours could be drawn in without exaggeration they have been indicated on the photographs. If the contours were too small to sketch in only the elevation has been shown on the photograph.

All drainage is through the many bayous and canals. These are self-evident from the photographs.

6. WOODLAND COVER

Adequately covered by the photographs.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line is all apparent shoreline except in a few cases that have been noted on the photographs. There is a fringe of marsh between the spoil banks and the canal in all cases making apparent shoreline from what would ordinarily be fast shoreline.

There is little periodic tide and the low water line is synonymous with the mean high water line.

All docks, wharves, piers, etc. have been indicated on the photographs.

All submarine cables and pipelines have been indicated on the photographs.

8. OFFSHORE FEATURES

The only offshore features in the area are the oil company camp and several oil and sulphur wells in Bay Sainte Elaine. These features are adequately covered by field inspection on the photographs.

9. LANDMARKS AND AIDS

Two fixed aids to navigation were located, one by direct identification on the photograph and the other by theodolite cuts from identifiable photographic points. These lights are not listed and the names of the aids are unknown by the field party. The aids are privately maintained by The Texas Company.

There are no aeronautical aids within the area.

- ~~8~~ -

10. BOUNDARIES, MONUMENTS AND LINES

The corner common to sections 7, 8, 17, and 18, Township 22 South, Range 18 East was identified on photograph 39446. This corner is also station EARL of the Freeport Sulphur Company's field work around the mining area. Station EARL is the 00/00 station for their coordinate system.

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

11. OTHER CONTROL

Four previously established topographic stations have been reported as lost on Form 524.

12. OTHER INTERIOR FEATURES

The one road in the area is adequately covered by the photographs.

All buildings and structures are adequately covered by the photographs. The seasonal camps located throughout the marsh have been indicated as "cabin" on the photographs and should be mapped as Class 1 buildings for their landmark value.

There are no bridges or cables over navigable waters.

There are no airports or landing fields.

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.

- ~~N~~ -

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.

Seven (7) prints of Freeport Sulphur Company, Bay Sainte Elaine Field, showing proposed construction; one (1) sheet of coordinates of sulphur wells as furnished by Freeport Sulphur Company.

One (1) map, Bay Ste. Elaine Field, The Texas Company; three (3) sheets, positions of wells, Bay Ste. Elaine Field, The Texas Company.

Letter of Transmittal No. 90-23, Data, Quadrangle T-9872(), forwarded to Washington Office

MAY 15 1953

Submitted
15 May 1953

William M. Reynolds
William M. Reynolds
Cartographic Survey Aid

Approved & Forwarded

MAY 15 1953*E. H. Kirsch*

E. H. Kirsch
Chief of Party

MAP T.....9872..... PROJECT NO.....PH-90..... SCALE OF MAP.....1:20,000..... SCALE FACTOR

[illegible]

1 FT. = 3048006 METER

COMPUTED BY:.....B.....WILLSON.....

DATE.....10/13/53...

CHECKED BY: J. Steinberg

DATE 10/14/53

COMMIT-DC-57843

11 78

COMPILATION REPORT T-9872 ✓

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-9865. ✓

31. DELINEATION

The graphic method was used. The scale of the photographs was poor and in some areas lack of contrast and sunspots caused considerable difficulty in delineation. The field inspection was generally adequate but notations should have been made as to the correctness of the plats (see Item 33) submitted for use in the delineation, as many features noted on these plats were not correlated with the inspection and no mention was made thereof. ✓

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

Six plats covering the Freeport Sulphur Company operations and one plat submitted by The Texas Company were used for cultural feature identification against the photographs.

1. The Texas Company - Bay St. Blaine Field - 1" = 2000'
2. Freeport Sulphur Co. - Bay St. Blaine - 1" = 1000' ✓
(No. 12116) ✓
3. Freeport Sulphur Co. - Bay St. Blaine - 1" = 100' ✓
(No. 12196) ✓
4. Freeport Sulphur Co. - Bay St. Blaine - 1" = 100' ✓
(No. 12110) ✓
5. Freeport Sulphur Co. - Bay St. Blaine - 1" = 100' ✓
(No. 8951) ✓
6. Freeport Sulphur Co. - Bay St. Blaine - 1" = 100' ✓
(No. 12195) ✓
7. Freeport Sulphur Co. - Bay St. Blaine - 1" = 200' ✓
(No. 12189) ✓

The oil and sulphur well positions furnished for use to this office by the Freeport Sulphur Company agree favorably in the most part with the radial plot positions. It is noted, however, that in some cases the positions furnished differ from the radial plot positions. This difference probably is due in the most part, because the positions are for reference points established preparatory to the actual drilling, and not for the wells.

34. CONTOURS AND DRAINAGE

The drainage was delineated as depicted on the photographs along with the aid of the field inspection. ✓

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate. ✓

The dashed lines, delineating a channel into Bay St. Blaine, were taken from field photograph 39447. ✓

36. OFFSHORE DETAILS

Offshore details were shown as indicated by the field inspection. ✓

37. LANDMARKS AND AIDS

Two aids to navigation are being submitted on Form 567. ✓

38. CONTROL FOR FUTURE SURVEYS

None ✓

39. JUNCTIONS

Satisfactory junctions have been made with: ✓

T-9862 - on the north ✓

T-9873 - on the east ✓

T-9880 - on the south ✓

T-9871 - on the west ✓

40. HORIZONTAL AND VERTICAL ACCURACY

No statement required. ✓

41. PUBLIC LAND LINES

The public land lines as depicted on the ozalid print prepared for the field editor are doubtful in every way. The lots numbered 40 to 86 inclusively, with given distances according to G. L. O. offers evidence that either the course of Bayou Petit Caillou has changed or an error was made during the original survey.

Geological Survey Quadrangled COCODRIE, LA. 1935, 1:31,680, was used for the location of T-21-S, but was altered slightly, insofar as common detail was concerned, to effect a junction with T-9862 to the north and T-9871 to the west. The remainder of this township was completed by projection.

The Texas Company plat, 1" = 2000', Bay St. Elaine Field, January 5, 1950, was used for T-22-S. The section corner 718 was shown as indicated by the field inspection. This 18717 corner was used as a point of control along with common detail for the establishment of the above mentioned source material.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the Geological Survey Map, COCODRIE, LA., scale 1:31,680, 1935. No major differences appear except in the immediate vicinity of the Freeport Sulphur Company operations and The Texas Company oil developments.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Nautical Chart No. 1274, scale 1:80,000, published in July 1938, and corrected to 13 Aug. 1956. The same differences noted under Item 46 are applicable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None.


Webber W. Dawsey
Carto Photo Aid

APPROVED & FORWARDED


H. C. Applequist, Chief of Party

T-9872.

Geographic Names.

Austrian Bayou

Bay Blanc

Bay Cocodrie

Bay Chaland

Bay Coon Road

Bay Courteau

Bay de Mongles

Bay Long

Bay Negresse

Bay Pumpkin

Bay Sainte Elaine (if abbreviated, used Ste)

Bay Sainte Elaine Oil and Gas Field (or The Texas Company, as on

Bay Touch-Me-Not. manuscript map)

Bay Sale

Bay Welch

Bayou Big Parasol

Bayou Petit Caillon

Bayou Sale

Bayou Ne Touche Pas Not

Big Bayou Jose (Mangrove Bayou)

Big Misale Bayou

Cocodrie

Cooke Point

Crooked Bayou

Deer Bayou

Deer Lake

Deep Saline

East Bayou

Freeport Sulphur Company

Little Bay Jose

Little Bayou Jose (not Joseph Bayou)

Little Misale Bayou

Louisiana

Little Cocodrie Bayou

Mangrove Bay (BGN decision)

Moss Bay

Oak Bayou

Oyster Bayou

According to new Terrebonne Parish
Highway Map, old No. 79 should be
new No. 56

Sainte Elaine Pass

Tambour Bay

Tambour Cutoff (2 places)

Terrebonne Bay

Terrebonne Parish

Troiscent Piquets Bay

Names approved 12-5-56

L. Heck.
L.H.

PHOTOGRAMMETRIC REVIEW BRANCH

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR ~~ORIENTING~~ MARKERS FOR CHARTS

TO BE CHARTED
~~TO BE CHARTED~~

STRIKE OUT ONE

TAMPA PHOTO OFFICE

OCTOBER, 19 50

I recommend that the following objects which have ~~(43032472)~~ been inspected from seaward to determine their value as landmarks be charted on ~~GENERAL PURPOSE~~ the charts indicated.

The positions given have been checked after listing by W. W. Fawcett, Coast Photo Aid

H. C. Applegate

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE									
				D. M. METERS	"	D. M. METERS	"	D. P. METERS	"						
LOUISIANA	LIGHT	Privately maintained (Under a frame supporting a quick flashing light)		20 00	30 50	00 33	15 02	400	N. A.	1927	Plot	1053			1374
	LIGHT	Privately maintained (Under a frame supporting a quick flashing light)		20 08	12 00	00 39	09 59	270	"	"	"	"			1374
											</				

50

PHOTOGRAMMETRIC OFFICE REVIEW

T. 9872

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

5. Classification label Unclassified

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) XX 7. Photo hydro stations XX 8. Bench marks JG
9. Plotting of sextant fixes XX 10. Photogrammetric plot report JG 11. Detail points JG

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads JG 28. Buildings JG 29. Railroads XX 30. Other cultural features JG

BOUNDARIES

31. Boundary lines XX 32. Public land lines JG

MISCELLANEOUS

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

40. Jesse A. Giles
Jesse A. Giles Reviewer

William A. Rasure
Supervisor, Review Section of Unit
William A. Rasure

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:

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FIELD EDIT REPORT
MAP T-9872

51. METHODS

Field edit was done in accordance with standard accepted practice and instructions as modified by:

(a) Bureau letter 711-lmh to Tampa District Office, subject: Field Edit-Project 24200 (Ph-90), Topographic and planimetric maps-Louisiana Coast, dated 2 January 1957.

(b) Bureau letter 711-lmh to Tampa District Office, subject: Location of Oil Wells-Project 24200 (Ph-90), dated 20 January 1957.

(c) Bureau letter 73-dmm to Chief, Photogrammetric Party No. 1, subject: Field Edit-Project 24200 (Ph-90), Louisiana, dated 20 February 1957.

Changes occurring since original photography were noted on a print of photograph 56-W-4487 and are cross referenced on the discrepancy print.

Buildings constructed between dates of photography were circled in red ink on the 1956 photography. Class 2 buildings were indicated by placing the numeral 2 alongside the circle; class 1 buildings were not indicated other than by the circle.

52. ADEQUACY OF COMPILATION

The compilation will be adequate upon application of the field edit corrections and revisions to be made from 1956 photography.

53. MAP ACCURACY

No accuracy tests were made.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Mr. C. E. Bridges, Chief Civil Engineer, of the Louisiana Land and Exploration Company, P. O. Box 231, Houma, Louisiana has agreed to have his office examine a proof copy of any maps of this project

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that may be submitted to him. The Louisiana Land and Exploration Company owns about 25% of the land within the limits of this project and have men that are familiar with the area that patrol this property.

Mr. Bridges office is highly interested in seeing accurate maps published of the area and are willing to have their office and field men examine the maps for any discrepancies that may exist in geographic names and other pertinent details.

The questionable names which appeared on the discrepancy print were thoroughly investigated by the field edit party. After this investigation it is recommended that they should not be charted. The names as appear on the advance copy of the map manuscript are correct.

Submitted 21 March 1957

Leo F. Beugnet
Leo F. Beugnet
Cartographic Survey Aid

Approved:

Ira R. Rubottom
Ira R. Rubottom
Chief of Party

REVIEW REPORT OF
TOPOGRAPHIC MAP T-9872
November 1957

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

T-2751 ^a	1:20,000	1906
T-2752	1:20,000	1906
T-5294	1:20,000	1934
T-6064	1:20,000	1934
T-6068	1:20,000	1934

Differences exist between these surveys. Minor differences in shoreline throughout; major differences are many new waterways or canals and wells in the development of oil. The subject topographic survey is to supersede above-listed surveys for nautical charting purposes for common areas.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

COCODRIE, LA., 1:31680, 1935, U. S. Geological Survey. Differences listed under item 62 exist here also and the 1935 publication of the low marshy islands is obsolete.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There are no contemporary hydrographic surveys of this area.

65. COMPARISON WITH NAUTICAL CHARTS

1274	1:80,000	Revised to 57 9/16
1050	1:175,000	Revised to 57 2/25

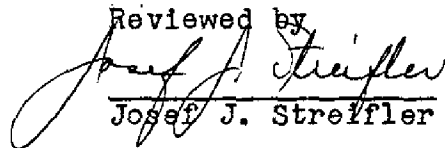
These nautical charts do not show the changes made available by T-9872, and are based on the older surveys.

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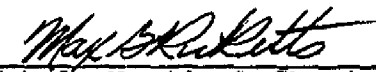
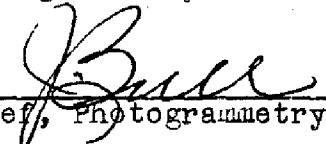

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey complies with project instructions and is within the requirements of adequacy and accuracy.

Reviewed by


Josef J. Streifler

Approved


Chief, Review & Drafting Section
Photogrammetry Division
Chief, Nautical Charts
Branch, Charts Division
Chief, Photogrammetry Division

Chief, Coastal Surveys

TIDE COMPUTATION

PROJECT NO. Ph. T. 9872

Time and date of exposure Sept 28, 1952 11:41 Reference station PENSACOLA Mean range
 Date of field inspection 6 March 1953 Subordinate station NINE I. TERREBONNE BAY Ratio of ranges 1.0

	Time		Height feet	Height x Ratio of ranges	High tide at Ref. Sta. Time difference Corrected time at Subordinate station	Time	
	h.	m.				h.	m.
High tide	5	11	1.8	1.8	High tide at Ref. Sta.	5	21
Low tide	17	03	0.1	0.1	Time difference	9	10
Duration of rise or fall	11	52	1.7	1.7	Corrected time at Subordinate station	5	11
					Low tide at Ref. Sta.	17	13
					Time difference	0	10
					Corrected time at Subordinate station	17	03

	h. m.		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	feet	Feature bares Stage of tide above MLW Feature above MLW	feet	Photo. No.
	h.	m.					
Time H. T. or L. T.	17	03	Ht. H. T. or L. T.	0.1	Feature bares		
Required time	11	41	Tabular correction	0.8	Stage of tide above MLW		
Interval	5	22	Stage of tide above MLW	0.9	Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		

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Computed by WLD Checked by [Signature]