

9112

ORIGINAL

Diag. Cht. Nos. 1277 & 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. _____ Office No. T-9112

LOCALITY

State LOUISIANA

General locality LOUISIANA GULF COAST

Locality CHENIER AU TIGRE

1945

CHIEF OF PARTY

Charles W. Clark, Chief of Field Party

Arthur L. Wardwell, Tampa Photogrammetric

Office

LIBRARY & ARCHIVES

DATE Mar 12 - 1952

5-1870-1 (1)

9112

DATA RECORD

T- 9112

Project No. (II): Ph-33(48)

Quadrangle Name (IV):

Field Office (II): Abbeville, Louisiana

Chief of Party: Charles W. Clark

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Arthur L. Wardwell

Instructions dated (II) (III): 2 July 1948

Copy filed in Division of
Photogrammetry (IV)

Office Files

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): 6-16-50 Date reported to Nautical Chart Branch (IV): 6-23-50

Applied to Chart No.

Date:

Date registered (IV): 2-26-52

Publication Scale (IV): 1:24,000

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): CHENIERE AU TIGRE CHURCH STEEPLE, 1932

Lat.: 29° 34' 07.31" (225.1 m) Long.: 92° 12' 47.06" (1266.7 m)

Adjusted

~~1000000~~

Plane Coordinates (IV):

State: Louisiana Zone:

South

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

Leo F. Beugnet

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

DATA RECORD

Field Inspection by (II): James H. Clark

Date: July - Dec. 1948

Planetable contouring by (II): Leo F. Beugnet

Date: Sept 1948

Completion Surveys by (II): *B. F. Lampton, Jr.*Date: *11 thru June 1951*Mean High Water Location (III) (State date and method of location):
July - Dec. 1948; Air photo compilation

Projection and Grids ruled by (IV): W.E.W. (Washington Office)

Date: 27 Oct. 1948

Projection and Grids checked by (IV): W.E.W. (" ")

Date: 27 Oct. 1948

Control plotted by (III): J. F. Armstrong

Date: 27 Mar. 1949

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

Date: 20 June 1949

~~Radial Plot or Stereoscopic~~~~Control extension~~ by (III): M. M. SlavneyDate: *15* Feb. 1950

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Contours

Date:

Manuscript delineated by (III): J. C. Richter

Date: March, 1950

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

Date: April, 1950

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

Date:

Camera (kind or source) (III): U.S.C&G.S 9 Lens 8 1/4" Focal Length

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
21369	12-2-47	12 13	1:20,000	- 0.8
21370	12-2-47	12 15	1:20,000	- 0.8
21951	3-13-48	12 02	1:20,000	0.1
21952	3-13-48	12 03	1:20,000	0.1

Tide (III)

Diurnal

Reference Station: Galveston, Texas
Subordinate Station: Southwest Pass, Vermilion Bay
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
1.1	1.1	1.6

Washington Office Review by (IV): *K. N. Maki*

Date: 12-12-51

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 25

Shoreline (More than 200 meters to opposite shore) (III): 8.2 mile

Shoreline (Less than 200 meters to opposite shore) (III): 21.6 mile

Control Leveling - Miles (II): *

Number of Triangulation Stations searched for (II): 2

Recovered: 1

Identified: 1

Number of BMs searched for (II): *

Recovered:

Identified: 14

Number of Recoverable Photo Stations established (III): 8

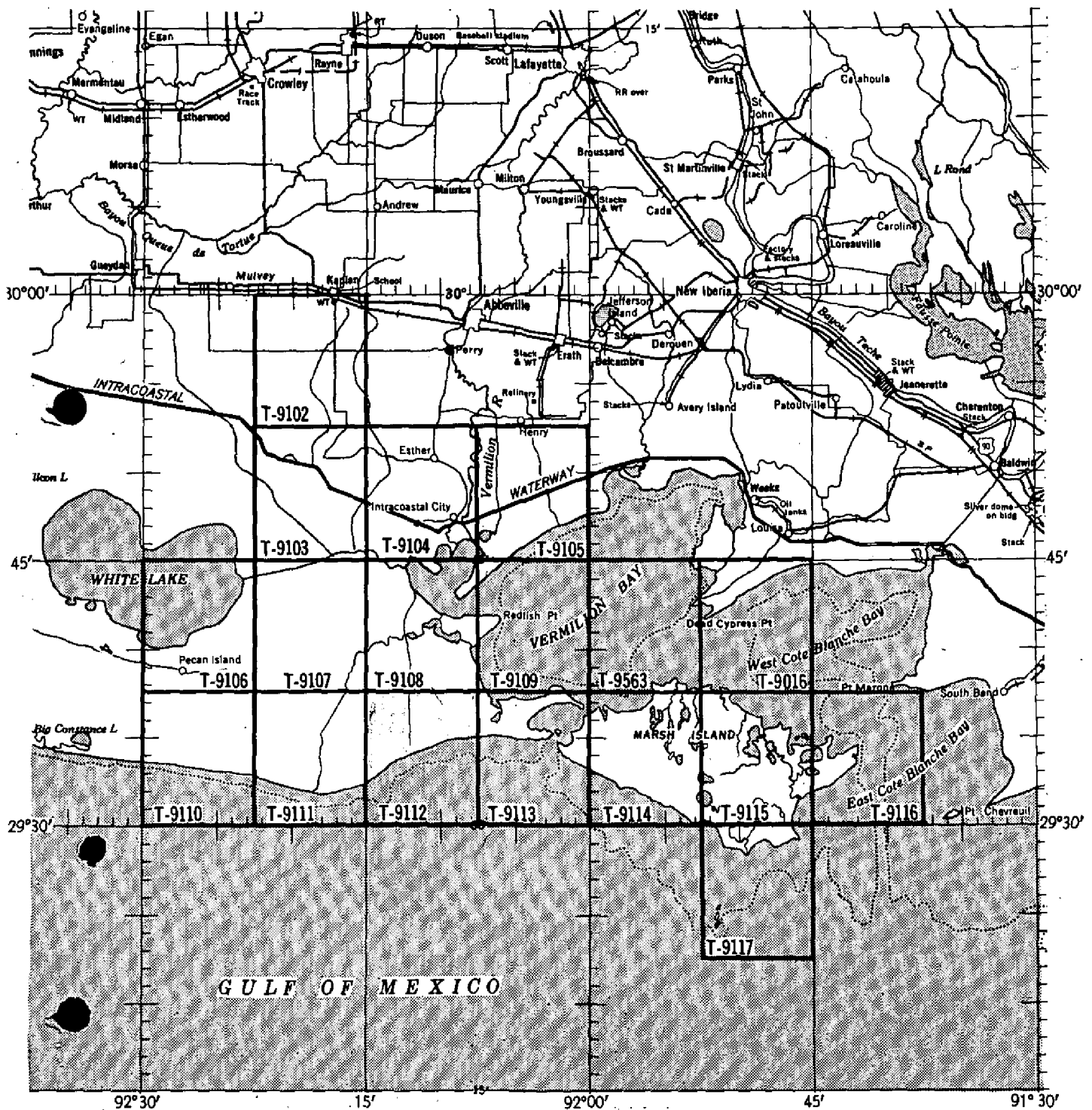
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

* 13.8 mi. of 3rd order levels were run and 14 BMs were established.

TOPOGRAPHIC MAPPING PROJECT PH 33 (48)

LOUISIANA - INTRACOASTAL WATERWAY East Cote Blanche Bay — White Lake



Summary to Accompany T-9112

T-9112 is one of 18 topographic surveys in Project Ph-33(48) Louisiana. It covers an area of the coastline on the Gulf of Mexico. Most of the land area on this map is marsh. An island of fast land named Cheniere Au Tigre lies in the western part of the area and, in addition, there is a narrow band of fast land along the shoreline. There are a number of relatively prominent canals across the area. The Paul J. Rainey Wildlife Sanctuary and the State Game Refuge are included, in part, on this map. The contour interval is five feet. The map is a graphic compilation at a scale of 1:20,000 and consists of one sheet $7\frac{1}{2}'$ in latitude by $7\frac{1}{2}'$ in longitude. The entire map is to be published by the Geological Survey at a scale of 1:24,000 as a standard $7\frac{1}{2}'$ topographic quadrangle. The registered data to be permanently filed in the Bureau Archives under T-9112 will include a cloth-mounted lithographic print of the map at scale 1:20,000, a cloth-mounted color print of the published map at scale 1:24,000 and the original descriptive report. Hydrographic data, depth curves and critical soundings, will appear on the published map only.

FIELD INSPECTION REPORT
 Quadrangle T-9112
 (29-30.0/92-07.5/7.5)
 Charles W. Clark, Chief of Party

All phases of field work were completed in accordance with the Director's Instructions Project Ph-33(48), Field, dated 2 July 1948 and other applicable Instructions as herein noted. *see p. 1*

Field work was done by the following personnel during the indicated periods of time:

NAME	PHASE	MONTH - 1948
James H. Clark	Shoreline Inspection	July, October, December
Engineering Aid	Horizontal Control Recovery and Identification	October
	3rd. Order Levels	October
	Interior Field Inspection	November
	Contouring	November
Matthew A. Stewart	3rd. Order Levels	August
Engineering Aid		
Leo F. Beugnet	Contouring	
Engineering Aid	Interior Field Inspection	September

1. DESCRIPTION OF THE AREA:

The area embraced by this quadrangle is along the Louisiana Gulf Coast just west of Southwest Pass, the western entrance to Vermilion Bay from the Gulf of Mexico.

Approximately half of the quadrangle is water area. The remainder is marsh with the exception of Chenier au Tigre. This Chenier au Tigre is an island of fast ground extending northwardly and westwardly into the marsh from the beach. The arm extending westwardly has the highest elevation - ranging up to approximately twelve feet. The section extending northwardly is, for the most part, below five feet. The elevation of the surrounding marsh averages approximately two feet.

A limited amount of agricultural products is grown by the few farmers on Chenier au Tigre.

The major industry is trapping of fur bearing animals - muskrat, nutria, raccoon, mink, otter, etc.

There is extensive oil exploration and development in progress throughout the entire region of which the area embraced by this quadrangle is a part.

The Paul J. Rainey Wildlife Sanctuary owned and administered by the National Audubon Society includes about 75% of the land area of this quadrangle. The northeastern portion of the quadrangle is part of a State Game Refuge.

Water transportation is the sole means used by the inhabitants and the majority of visitors. Aerial transportation of course is possible but not practical because of the absence of even a landing strip for small planes.

The Louisiana State Department of Highways has a road from Kaplan to Grand Cheniere with a branch to Chenier au Tigre in the planning stages. No definite location survey of the section passing into this quadrangle has been made to date.

2. COMPLETENESS OF FIELD INSPECTION:

Interior field inspection was done simultaneous^{ly} with other phases of field work.

Field inspection of buildings was done in accordance with Photogrammetry Instructions No. 29, dated 1 October 1948. *All Photogrammetry Instructions filed in Div. Photogr. office files*

This phase of field work is believed to be adequate and complete.

3. INTERPRETATION OF THE PHOTOGRAPHS:

As photography was of a recent date no difficulty was encountered interpreting photographic detail.

4. HORIZONTAL CONTROL:

Of two triangulation stations located in the quadrangle, one, CHURCH STEEPLE (~~UGGS~~) 1932, was recovered and positively identified. The other, Le TIGRE, 1933 was not recovered.

5. VERTICAL CONTROL:

A section of each of two third order level lines, with a junction between the two, exist in this quadrangle. The first line originated just east of Grand Cheniere following existing roads, trails and canals to Southwest Pass to a tie on existing tidal bench marks on Lighthouse Point. The second line originated on existing C. & G.S. bench marks at Kaplan and follows roads, trails and canals southwardly and eastwardly to Chenier au Tigre and a tie with the first line.

There were a total of eleven new third order bench marks established in the quadrangle.

No other levels were run as contouring was restricted to relative small and narrow areas and could be done without additional vertical control.

Elevations of bench marks along the Coast were used as they are abstracted on the line "15 miles east of Grand Cheniere to Southwest Pass, La."

Elevations of bench marks S 111 and T111 are based on the elevation of R 111 from the above line.

Elevations on bench marks north of Chenier au Tigre were used as they are abstracted on the line "Kaplan to Chenier au Tigre, La."

Plane table elevations and contours were controlled by the elevations of bench marks as given above.

6. CONTOURS AND DRAINAGE:

Contouring was done by plane table methods direct on field prints of nine lens photographs.

There were no large closures of plane table traverses.

Drainage is by tidal action and was not classified as it is apparent on the photographs.

7. MEAN HIGH WATER LINE:

The mean high water line is approximately evenly divided between the marsh line and fast shore line.

Shoreline inspection was done by Jeep and by walking along the shoreline.

The mean range of tide at Southwest Pass, approximately seven miles east of Chenier au Tigre, is 1.1 feet.

Symbolization of the shoreline on the photographs is in accordance with Supplemental Instructions - Shoreline Inspection, paragraph 20 (a) and (c).

8. MEAN LOW WATER LINE:

No attempt was made to delineate the mean low water line in its entirety. When the shoreline inspection party was along the shore at or near the time low water the approximate mean low water line was indicated on the photographs.

9. WHARVES AND SHORELINE STRUCTURES:

There are no wharves or shoreline structures within this quadrangle.

10. DETAILS OFFSHORE FROM THE HIGH WATER LINE:

There are no details offshore from the high water line that were found by this party.

11. LANDMARKS AND AIDS TO NAVIGATION:

One new landmark on Chenier au Tigre was identified on field photographs and recommended for charting as TOWER. Form 567 was submitted.

No aids to navigation exist within the quadrangle.

12. HYDROGRAPHIC CONTROL:

Five recoverable topographic stations were established along the shoreline of the Gulf of Mexico in the vicinity of Chenier au Tigre as supplemental control for hydrography.

13. LANDING FIELDS AND AERONAUTICAL AIDS:

There are none in this quadrangle.

14. ROAD CLASSIFICATION:

The existing roads are in the vicinity of Chenier au Tigre. They were classified in accordance with Photogrammetry Instructions No. 10, dated 14 April 1947, as amended 24 October 1947.

The Louisiana State Department of Highways has a survey in progress for a highway to Chenier au Tigre from Pecan Island to join a new road there to be built from Forked Island through Pecan Island to Grand Cheniere and Port Arthur, Texas. The final survey has not been made at this date.

15. BRIDGES:

There are no bridges over navigable water in this quadrangle.

16. BUILDINGS AND STRUCTURES:

Buildings were field inspected and classified in accordance with Photogrammetry Instructions No. 29, dated 1 October 1948.

17. BOUNDARY MONUMENTS AND LINES:

This entire quadrangle lies within the boundaries of Vermilion Parish with no section of the Parish boundary in the quadrangle.

It also lies within the Seventh Police Jury Ward of Vermilion Parish. The ward line follows the Gulf of Mexico.

As mentioned previously, two Wildlife refuges comprise the major portion of this quadrangle. A state game refuge administered by the State of Louisiana and the Paul J. Rainey Sanctuary administered by the National Audubon Society. The boundaries of these two refuges follow natural features, canals and section lines.

The National Audubon Society has caused its holdings to be surveyed within recent years and concrete monuments established as section corners to mark the boundary. Where practical to do so, these monuments were recovered and identified on the field photographs.

The State refuge boundary is not monumented except on the west and south where it joins the Paul J. Rainey Sanctuary.

A meander corner of the General Land Office survey of 1837,

known locally as the Righter - McCullom corner, was recovered with the help of local information and identified on the field photographs. The original survey data was not available and recovery was based upon information furnished by local inhabitants as to the identity of witness marks, the measurements therefrom to the corner, and the point used by surveyors in recent years for land surveys in the area.

For legal descriptions and further details see "Special Report - Boundaries - Ph-33(48)". *Filed in Div. Photogr general files.*

18. GEOGRAPHIC NAMES:

Geographic Names of this area are correct as shown in "Special Report - Geographic Names, Gulf Intracoastal Waterway - Vermilion Bay, Louisiana to Port Arthur, Texas, Project Ph-14(46) except as follows: *Filed in Geogr. Names Sect, Div. of Charts*

On Geological Survey Quadrangle Redfish Point, SW Quarter (N 2930 - W 9207.5/7.5):

Change HELL HOLE BAYOU as recommended in Field Inspection Report, Quadrangle T-9113.

Correct spelling of canal leading north from central area of Chenier au Tigre from McITHELINNY CANAL to McIDHENNY CANAL.

A new name for the canal leading north from the west end of Chenier au Tigre is recommended as WEST CHENIER AU TIGRE CANAL.

19. COAST PILOT INFORMATION:

Covered by Special Report - Coast Pilot Information - Ph-33(48).
Filed in Coast Pilot Sect, Div. of Charts.

Submitted:
27 December 1948

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

James H. Clark
James H. Clark
Engineering Aid

Approved:
27 December 1948

Charles W. Clark
Charles W. Clark
Lt. Comdr. U.S.C. & G.S.
Chief of Party

12

COMPILATION REPORT - T-9112

PHOTOGRAMMETRIC PLOT REPORT

This is a subject of a special report being submitted with T-9113.

31. DELINEATION

The manuscript was delineated by graphic methods. The photographs and field inspection were adequate.

32. CONTROL

Sufficient secondary control was established and placement was such that no difficulty was encountered in securing the additional control necessary in the delineation of this map manuscript.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

No difficulty was encountered in transferring contours and delineating drainage.

35. SHORELINE AND ALONGSHORE DETAILS

There are no alongshore details and the field inspection was good for the delineation of the shoreline.

Low water lines were furnished by the field inspector.

There are no shoals on this manuscript.

36. OFFSHORE DETAILS

No difficulty was encountered in delineating offshore detail.

37. LANDMARKS AND AIDS

No difficulty was encountered in locating the one landmark. There are no aids. *Form 567 attached.*

38. CONTROL FOR FUTURE SURVEYS

Seven topographic stations and one meander corner fall on this manuscript.

Form 524 is being submitted herewith as part of this report for each station. *Filed in Div. Photogr. general files.*

Taxi, 1948
Tower "
Tame "
P III "
M III "
Q III "

~~A list of these stations has been prepared and included in Item 49.~~

39. JUNCTIONS

Junction has been made to the East with T-9113, to the West with T-9111, to the North with T-9018 and are in good agreement. To the South is the Gulf of Mexico.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. BOUNDARIES

Section lines were taken from general land office plats, but most of the area is unsurveyed. All surveyed lines have been shown. *Dotted section lines from private survey (McIlhenny)*

Boundaries of Paul J. Rainey Sanctuary and State Game Refuge, were taken from Special Boundary Report and tracing of blueprint submitted by E. A. McIlhenny. *Filed in Div. Photogr. general files.*

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with U. S. Geological Survey, Redfish Point, La., (S.W.) Quadrangle, printed 1932, scale 1:31,680 and found to be in good agreement except for ~~natural~~ *cultural* changes.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with U.S.C&G.S. Nautical Chart No. 1277, scale 1:80,000 published Nov. 1938 (2nd edition) bearing a print date of 11 April 1949 and is in good agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Approved and forwarded

Arthur L. Wardwell
 Arthur L. Wardwell
 Chief of Party

John C. Richter
 John C. Richter
 Cartographic Photo Aid

50 PHOTOGRAMMETRIC OFFICE REVIEW

T. 9112

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

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) JG ~~7. Photo hydro stations~~ 8. Bench marks JG
9. Plotting of sextant fixes JG 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.~~ ~~15. Bridges~~ 16. Aids to navigation ~~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~~ 24. Contours in general JG 25. Spot elevations JG 26. Other physical features JG

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines JG 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 William A. Rasure
Reviewer Supervisor, Review Section or Unit

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

FIELD EDIT REPORT

51. METHODS

All features were checked by visual inspection except for the shoreline to the west of Cheniere au Tigre. This area was impassable because of marsh and mud conditions. New features were added by planetable methods and measurements to photographic detail.

All corrections, additions and deletions have been shown on the field edit sheet, or, if shown on the photographs, have been cross referenced to the field edit sheet.

A description of the colored inks used is shown on all field edit data.

The field edit data are shown on one (1) Field Edit Sheet; one (1) Discrepancy Sheet, and three (3) field photographs Nos. 21369, 21951 and 21952.

52. ADEQUACY OF COMPILATION

Good.

53. MAP ACCURACY

No accuracy tests were required in this quadrangle. The accuracy apparently is good.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Mr. Nick Schexnayder, P. O. Box 308, Abbeville, Louisiana, has agreed to examine the proof copy. Mr. Schexnayder is Chief Warden of the Paul J. Rainey Wildlife Sanctuary and is the authority for the geographic names recommendations shown on the field edit sheet.

Submitted
19 June 1951

B. Frank Lampton, Jr.
B. Frank Lampton, Jr.
Cartographic Survey Aid

Approved
21 June 1951

Percy L. Bernstein
Percy L. Bernstein
Chief of Party

STRIKE OUT ONE

Abbeville, Louisiana

16 Dec 1948

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

The positions given have been checked after listing by J. C. Richter
Tampa Photogrammetric Office

Charles W. Clark, *Chief of Party.*

[illegible]

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.

18. GEOGRAPHIC NAME LIST

Some geographic names were taken from a field copy of a Special Report on Geographic Names, Gulf Intracoastal Waterway, Vermilion Bay, La. to Port Arthur, Texas. This report was prepared at the time the fieldwork for Project Ph-14(46) was being done and is subject to change by the Geographic Name Section of the Washington Office.

Other names were taken from the Field Inspection Report (Reference Item 18).

• Cheniere du Tigre

~~CHENIER AU TIGRE~~

• CUTOFF CANAL

• GULF OF MEXICO

• ~~HOG BAYOU~~ ~~Hell Hole Bayou~~ (pending with USBN)

• HOG BAYOU (agrees with LT-9113)

• LAST POINT CANAL

• LOUISIANA

• LOUISIANA GULF COAST

• MCILHENNY CANAL

• PAUL J. RAINEY SANCTUARY

• POLICE JURY WARD SEVEN

• STATE GAME REFUGE

• TIGRE POINT

• VERMILION PARISH

• WEST CHENIER ^E AU TIGRE POINT Canal

if L.C. type used = au

• Bill Ridge

Exact legal name to be established by Boundaries Report or from local sources.

Names preceded by .
are approved 7-28-50
W. Heck

checked after Field
Edit 12-12-51
LH

Review Report T-9112
Topographic Map
12 December 1950

62. Comparison with Registered Topographic Surveys.

1686	1:30,000	1886
4923	1:20,000	1934
4924	1:20,000	1934

T-9112 supersedes these surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies.

Redfish Point, La. SW(advance sheet) 1:31,680, USGS, 1932

T-9112 has several areas of ponds, a canal that leads into Belle Island Canal on the adjoining survey and numerous pirogue trails not shown on the quad. Hog Bayou on T-9112 is named Hell Hole Bayou on the quad.

The General Land Office (Bureau of Land Management) rectangular system is more fully developed on the quad than on T-9112. Refer to item 67.

64. Comparison with Contemporary Hydrographic Surveys.

None

65. Comparison with Nautical Charts

1051	1:175,000	Ed 1941	corr. 6/4/51
1116	1:458,596	Ed 1943	corr. 8/13/51
1277	1:80,000	Ed 1938	corr. 3/1951

The road on Cheniere Au Tigre is developed further eastward on T-9112 than on chart 1277.

66. Adequacy of Results and Future Surveys

This map is adequate and complete as a base for hydrographic surveys and nautical chart construction. It complies with National Map Accuracy Standards.

67. Section Lines and Boundaries.

The section line development as shown on T-9112 is, in most part, derived from a private survey by E. A. McIlhenny. *The exception to the above is section 11, 12, and 14, T17S, R2E. These sections were imposed on the map on the basis of GLO plat measurements and map detail. They are offset from the Righter-McCullom Corner and since no reference measurements to this corner are available the section lines are symbolized as unreliable.

* Section 15 recommended as not to be drafted for publication (see Desc Report for T-9111)

The GLO section lines are indicated on the drafting overlay in purple.

The Righter-McCullom Corner, a meander corner, is used as a basis for land surveys at Cheniere Au Tigre and vicinity and is therefore important locally. This corner is marked by a 4X4 inch concrete monument and is defined on the drafting overlay by the monument symbol. It is described on a form 524 card filed in the Division of Photogrammetry general files.

The section lines on the manuscript shown by a red dotted line are from the private survey previously mentioned. It is recommended that they will not be drafted for publication.

The Paul J. Rainey Wildlife Sanctuary and State Game Refuge boundaries have been applied as per legal descriptions with reference to the E. A. McElhenny section line layout.

68. Geographic Names

The list of geographic names attached to this descriptive report has been approved by the Geographic Names Section.

Reviewed by:

K. N. Maki

K. N. Maki - 2/26/52

Approved by:

S. V. Gipping 2/27/52

Chief, Review Section
Division of Photogrammetry

H. P. Edmonston

Chief, Nautical Chart Branch
Division of Charts

O. S. Reading

Chief, Div. of Photogrammetry

Carl O. Heston

Chief, Division of Coastal
Surveys

SURVEY NO. T-9112

[illegible]

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.