

9107

ORIGINAL

Diag. Cht. No. 1116-2 & 1277.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. _____ Office No. T-9107

LOCALITY

State LOUISIANA

General locality WHITE LAKE

Locality PECAN ISLAND

19450

CHIEF OF PARTY

Charles W. Clark, Chief of Fd. Party

Arthur L. Wardwell, Tampa Photogram-
metric Office

LIBRARY & ARCHIVES

DATE Feb - 12 - 1952

B-1870-1 (1)

9107

DATA RECORD

T-9107

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): 12 Sept 1950 Date reported to Nautical Chart Branch (IV): 9-14-50

Applied to Chart No.

Date:

Date registered (IV): 1-2-52

Publication Scale (IV): 1:24,000

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): M.S.L.

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): BELLE ISLE, 1933 (U.S.G.S.)

Lat.: 29° 37' 52" 459 (1615.2m) Long.: 92° 16' 07" 034 (189.2m)

Adjusted
~~Unadjusted~~

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.

DATA RECORD

Field Inspection by (II): William M. Reynolds

Date: July 1948

Planetable contouring by (II): William M. Reynolds

Date: Sept. 1948

Completion Surveys by (II): C.A. Navin

Date: Nov. 18 thru
Dec. 27, 1950Mean High Water Location (III) (State date and method of location): Date of Photographs
Air photographic compilation

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

Date: 27 October 1948

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

Date: 27 October 1948

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

Date: 21 March 1949

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

Date: 20 June 1949

Radial Plot of ~~STEREOSCOPE~~
~~CONTINUOUS~~ by (III):

M. M. Slavney

Date: 28 Feb. 1950

Stereoscopic Instrument compilation (III): Planimetry
Contours Inapplicable

Date:

Date:

Manuscript delineated by (III): R. R. Wagner

Date: 11 May 1950

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

Date: 22 June 1950

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

R. R. Wagner (III)

Date: 4 May 1950

Camera (kind or source) (III): U S C & G S 9 lens $8\frac{1}{4}$ inch focal length

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
22045	13 March 1948	15:19	1:20,000	Inapplicable
22046	13 March 1948	15:20	"	

Tide (III)

Reference Station:

Subordinate Station:

Subordinate Station:

Inapplicable

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): *K. N. Maki*Date: *10-19-51*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

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

58.5

Shoreline (More than 200 meters to opposite shore) (III): None

Shoreline (Less than 200 meters to opposite shore) (III): 25.2

Control Leveling - Miles (II): None (see note under remarks)

Number of Triangulation Stations searched for (II): 4

Recovered: **3

Identified: 3

Number of BMs searched for (II): *

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): 5

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

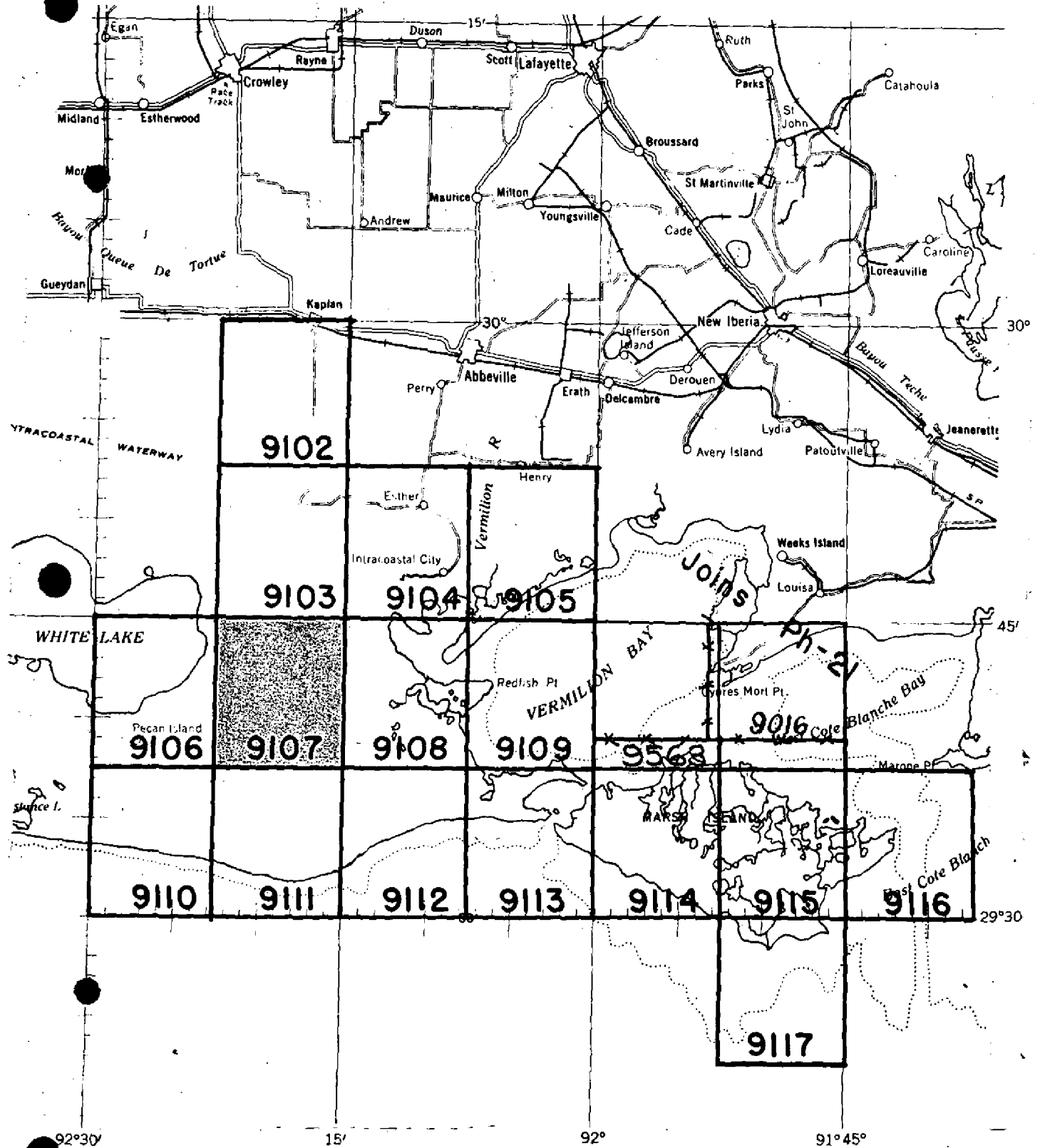
Remarks:

*There are 4 miles of third-order levels and 7 bench marks were established.

**One of the three (BOAT, 1933) was destroyed, however, BM 1 has been shown as third order control.

Intracoastal Waterway
TOPOGRAPHIC MAPPING PROJECT
PH-33(48)

LOUISIANA, East Cote Blanche Bay - White Lake



Summary to Accompany T-9107

T-9107 is one of 18 topographic maps in Project Ph-33(48) Louisiana. It covers an area of marsh land approximately midway between White Lake and the west shore of Vermilion Bay. East land is limited to the southwest corner of the map at Pecan Island and the north central edge of the map at Little Prairie Ridge. The field operations preceding compilation included complete field inspection, the recovery of horizontal control and the establishment of vertical control. 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 was field edited. The 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-9107 will include a cloth-mounted lithographic print of the ~~published~~ ^{manuscript} 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.

FIELD INSPECTION REPORT
 Quadrangle T-9107
 (29-37.5/92-15.0/7.5)
 Project Ph-33(48)
 Charles W. Clark, Chief of Party

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

The various phases of field work were done by the following personnel during the indicated periods of time:

NAME	PHASE	MONTH, 1948
William M. Reynolds Cartographer (Photo)	Horizontal Control	July
	Recovery & Identification	
	Shoreline Inspection	September
	Interior Field Inspection	September
	Contouring	September
Matthew A. Stewart Engineering Aid	Third-Order Levels	September
James H. Clark Engineering Aid	Third-Order Levels	September & October

1. DESCRIPTION OF THE AREA:

This quadrangle lies within Vermilion Parish in, the State of Louisiana, near the Gulf of Mexico.

The principal cultural features of this quadrangle ^{are} ~~is~~ a small portion of Pecan Island in the extreme southwest part of the quadrangle and ~~the~~ many canals, and ditches, ~~and pine~~ ^{are} ~~que~~ trails.

Practically the entire area is nothing but low marsh land which is unsuitable for any sort of cultivation. The only cultivation within the area is that on Pecan Island where cotton, corn, sugar cane, and rice are grown.

The principal industry over most of the area is fur trapping. Louisiana Furs, Inc. controls most of the marsh area.

A producing oil field, most of which is in quadrangle 9106, extends into the northwest corner of this quadrangle.

2. COMPLETENESS OF FIELD INSPECTION:

Field inspection is believed to be complete and adequate.

There was a slight discrepancy noted in the marsh line as shown on existing charts and U.S.G.S. Quadrangle PECAN ISLAND (NE Quarter). The southern end of Little Prairie Ridge as shown on

these maps and charts extends to the north bank of the Old Intracoastal Waterway (Schooner Bayou). This was found to be in error during the course of interior field inspection; Little Prairie Ridge is separated from this Waterway by a band of marsh about 300 ft. wide with an elevation of about one foot. The trail as shown on the G. S. Quadrangle was found to end on Little Prairie Ridge as noted on the photograph of the section. See par. 14. *T-9107 ok as shown. 1/2/52 K.N.M.*

3. INTERPRETATION OF THE PHOTOGRAPHS:

As photography was of a recent date, little difficulty was encountered interpreting photographic detail.

4. HORIZONTAL CONTROL:

The two stations following were recovered and positively identified:

BELLE ISLE TANK, 1933

BELLE ISLE (U.S.G.S.), 1933 - *destroyed - see item #56*

3

RM 1

In addition, the only existing reference mark at BOAT, 1933 was positively identified. The station mark has been destroyed.

SHELL OIL DERRICK, 1933 has been destroyed.

These four stations were the previously established control in the Quadrangle.

5. VERTICAL CONTROL:

A section of a third-order level line from Kaplan to Chenier au Tigre passes through this quadrangle along Six Mile Canal. There are three new third-order bench marks in the quadrangle.

Two

One bench mark on the third-order level line "15 miles east of Grand Cheniere to Southwest Pass, La." is near the east end of Pecan Island in the southwest corner of this quadrangle.

6. CONTOURS AND DRAINAGE:

The contouring in this quadrangle was done by plane table methods on 9 lens field photographs. The only contours encountered that are worthy of mention are those on Pecan Island which fall within the limits of the quadrangle.

All plane table traverses were started and closed on existing bench marks with no large closures between vertical control points.

The ~~only natural~~ drainage in the area ^{consists mainly} ~~is that~~ of the many canals and ditches.

7. MEAN HIGH WATER LINE:

The mean high water line is the outer limits of marsh along the existing canals with the exception of a short stretch of fast shoreline along spoil banks at Little Prairie Ridge. Symbolization was done in accordance with paragraph 20 of Supplemental Instructions - Shoreline Inspection, dated 18 March 1944. *Filed in Div. Photogrammetry Office Files.*

8. LOW WATER LINE:

The low water line is ~~synonymous~~ ^{contiguous} with the mean high water line along the existing canals, the only shoreline in the quadrangle.

9. WHARVES AND SHORELINE STRUCTURES:

There are numerous slips and docks at oil storage facilities in an extensive oil field in the northwest Section of the quadrangle. These were adequately covered by the photographs and subsequent field work.

10. DETAILS OFFSHORE FROM THE HIGH WATER LINE:

There are no details offshore from the mean high water line.

11. LANDMARKS AND AIDS TO NAVIGATION:

The DERRICK north of Schooner Bayou Canal charted as a landmark on chart 1277 has been destroyed and the landmark should be deleted on existing charts. Form 567 was submitted. No new landmarks were recommended for charting as there are no suitable ones existing. *Copy attached.*

There are no aids to navigation in the quadrangle.

12. HYDROGRAPHIC CONTROL:

Three recoverable topographic stations were established along Schooner Bayou Canal. *Dave Gray Luke } 1948*

13. LANDING FIELDS AND AERONAUTICAL AIDS:

There are no landing fields or aeronautical aids within the limits of this quadrangle.

14. ROAD CLASSIFICATION:

All roads within this quadrangle have been classified in accordance with Photogrammetry Instructions No. 10 dated 14 April 1947 as amended 24 October 1947. *Filed in Div. Photogrammetry Office Files.*

The final survey of a new road has just been completed by the Louisiana State Highway Department. This road enters this quadrangle on Little Prairie Ridge from Forked Island in Quadrangle T-9103 and runs SSE across the quadrangle into quadrangle T-9106 and Pecan Island. At present, the survey has not been made beyond Schooner Bayou Canal. *Refer to item 57 Field Edit Report.*

P. I's. along this line in T-9103 were identified to enable compilation from blueprints of the plans and profiles. See para. 14, Field Inspection Report T-9103.

15. BRIDGES:

There are no bridges over navigable waters within the limits of this quadrangle.

16. BUILDINGS AND STRUCTURES:

All buildings were classified in accordance with Photogrammetry Instructions No. 29, dated 1 October 1948. *Filed in Div. of Photogrammetry Office Files.*

17. BOUNDARY MONUMENTS AND LINES:

Boundaries are to be the subject of a "Special Report, Boundaries, Project Ph-33(48). *Filed in Div. Photogrammetry General Files.*

18. GEOGRAPHIC NAMES:

Geographic Names in this area were covered in a "Special Report on Geographic Names - Vermilion Bay, Louisiana to Port Arthur, Texas - Project Ph-14(46). In addition to the names recommended in that report, the following are recommended: *Filed in Div. Geographic Names Section, Div. of Charts.*

Two new names not covered by the above report are "Sixmile Canal" and "Round Island".

The name "Sixmile Canal" is covered in the Descriptive Report for Quadrangle T-9108.

Round Island is a small island about 1 1/2 miles northwest of Belle Isle Tank. This is a relatively unimportant feature and has no well established name. The island is sometimes called "Little Forked Island" and "Stomp Island". The name Round Island is used, as much as any other name and that name is recommended.

19. COAST PILOT:

See "Special Report, Coast Pilot Information - Vermilion Bay and vicinity, dated 12 November 1948". *Coast Pilot Section, Div of Charts.*

20. PROPOSED CULTURAL CHANGES AFFECTING MANUSCRIPT: *Refer to item 57 Field Edit Report*

There is under investigation by the U. S. Engineer Department, a proposed deep water channel connecting the Intracoastal Waterway with the Gulf of Mexico. This channel, as now proposed, will follow the existing canals and natural waterways. If this plan is followed, some of the canals and bayous in this quadrangle will be widened and deepened.

The final survey for a new road entering this quadrangle along the southern end of Little Prairie Ridge in the northern section and crossing the quadrangle into T-9106 to Pecan Island is in progress. Construction has not begun.

These two items are to be noted by the reviewer and field editor.
Refer to item #57, Field Edit report.

Submitted:
14 January 1949

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

Approved:
17 January 1949

Charles W. Clark
Charles W. Clark
Chief of Party

COMPILATION REPORT T-9107

PHOTOGRAMMETRIC PLOT REPORT

This report is bound with quadrangle T-9113.

31. DELINEATION

The graphic method was used.

No difficulty was encountered either in the interpretation of the photographs or the delineation of the manuscript.

The field inspection was good.

32. CONTROL

A sufficient number of secondary control was established by the radial plot and no difficulty was encountered in cutting in additional detail points.

33. SUPPLEMENTAL DATA

None was used.

34. CONTOURS AND DRAINAGE

No difficulty was encountered in delineation of the drainage.

The contours were delineated with the use of the notes from the field inspector.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate for the delineation.

Low-water and shoal lines are inapplicable.

36. OFFSHORE DETAILS

Inapplicable

37. LANDMARKS AND AIDS

There are no landmarks or aids.

38. CONTROL FOR FUTURE SURVEY

Form 524 is submitted for five topographic stations. Item 12 lists only three; however, five forms were submitted by the field party. Filed in Div. Photogrammetry General Files

These stations have been listed and included under Item 49. ✓

39. JUNCTIONS

Junction was made on the north with T-9103, west T-9106, east T-9108 and on the south with T-9111. All are in agreement.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U. S. Geological Survey map of Pecan Island, La. (NE), scale 1:31,680, field examined in 1932. The two are in good agreement except for cultural features, which is due to the time interval between the two surveys.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Nautical Chart 1051, scale 1:75,000, August 1941 (2nd Edition) and corrected to 29 March 1948. The manuscript and chart are in good agreement except as follows: There are a number of canals dug by oil companies in the northwest part of the quadrangle and a canal east of Belle Isle that do not appear on the chart.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Robert R. Wagner
Robert R. Wagner
Cartographic Survey Aid

Approved and Forwarded

Arthur L. Wardwell
Arthur L. Wardwell
Chief of Party

48. GEOGRAPHIC NAME LIST

All geographic names were taken from a field copy of a special report on "Geographic Names - Houma to Vermilion Bay, Louisiana". This report was prepared at the time the field work for Project Ph 14 (46) was being done and is subject to change by the Geographic Name Section of the Washington Office.

- ✓ BELLE ISLAND CANAL (This form recommended in original names report, to distinguish this canal from another Belle Isle Canal near Vermilion Bay, to Neward)
- ✓ Boat Point
- ✓ FRONT RIDGE
- ✓ HACKBERRY BAYOU
- ✓ Kochs Ridge (see T-9106)
- ✓ LITTLE ~~CHENE~~ BAYOU CHENE
- ✓ LITTLE BEAR LAKE
- ✓ LITTLE PRAIRIE RIDGE
- ✓ LONG ISLAND
- ✓ LOST ISLAND
- ✓ LOUISIANA
- ✓ LOUISIANA FUR CO. CANAL
- ✓ NORTH PRONG BELLE ISLE BAYOU
- ✓ PECAN ISLAND
- ✓ POLICE JURY WARD SIX
- ✓ POLICE JURY WARD SEVEN
- ✓ PUMPKIN ISLANDS
- ✓ ROUND ISLAND
- ✓ SCHOONER BAYOU CANAL
- ✓ SIXMILE CANAL
- ✓ VERMILION PARISH

Names underlined in
red are approved.
10-18-51
L. Heck

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

PHOTOGRAPHIC REVIEW SECTION

NOTES ON CONTRIBUTORS AND STORE LANDMARKS FOR CHARTS

**NO FOREIGN DISSEM
TO BE DELETED**

STRIKE OUT ONE

Abbeville, Louisiana

26 October 1948

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

The positions given have been checked after listing by

Isaiah Y. Fitzgerald, Cartographer

Charles W. Clark	Chief of Party.
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[illegible]

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

50 PHOTOGRAMMETRIC OFFICE REVIEW

T-

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 text and lines~~ 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. Docks~~ ~~17. 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. Swamps, etc.~~ ~~24. Contours in general~~ 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. J. C. 56 R. C. 1188 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:

field edit report

- 18 -

51. METHODS

All features, with the exception of isolated marsh drainage, were inspected. These were examined at occasional points and similar areas classified during office inspection of the photographs. All new features were added by planetable methods.

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

A description of the colored inks used during field edit has been shown on both the field edit sheet and the photographs.

The field edit data are shown on one (1) field edit sheet, one (1) discrepancy sheet, and three (3) nine-lens photographs Nos. 21371, 21373, and 22053.

52. ADEQUACY OF COMPILATION

The compilation appears adequate.

53. MAP ACCURACY

No accuracy tests were required for this quadrangle. The relative horizontal positions of various detail near $29^{\circ}44'19.7''/92^{\circ}22'$ was checked and found correct.

Upon adding new ditches near $29^{\circ}44.8/92^{\circ}19.7$ it was found that the horizontal distance between Schooner Bayou Canal and Little Prairie Ridge, as shown on the manuscript copy, was short. The scale distances on the center panel of photograph 22053 in this vicinity were verified as correct. 400 feet on the photograph equaled 398 feet on the ground and new detail was added on the photograph by planetable traverse which made excellent closures with adjacent detail.

If the position of topographic station GRAY 1948 is correct, the tree line on Little Prairie Ridge should be moved further to the north as shown on photograph 22053.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF THE PROOF COPY 254 - 10-18-57
L.H.

Mr. J. M. Hebert, Box 27, Abbeville, Louisiana has agreed to examine the proof copy. Mr. Hebert is the manager of the Louisiana Furs Inc., a company which owns the majority of the land in this area and he has been thoroughly familiar with the area for many years.

The following additions and verifications of geographic names are recommended:

1. The name "BOAT POINT" should be added at $29^{\circ}37.5/92^{\circ}22.5$
2. The name "ROUND ISLAND" should be shown at $29^{\circ}39.7/92^{\circ}16.3$ (already on map) 0?
3. The lower reaches of BELLE ISLE BAYOU should be changed to BELLE ISLE CANAL and the spelling of ISLAND changed to ISLE, as shown on the field edit sheet. Refer to item 48 for recommendation by Geogr. Names Section.

These name changes are upon the recommendation of Mr. Hebert, Mr. Nick Schexnayder, Audubon Society Game Warden, and Mr. Ulysses Veazey, farmer and trapper on Pecan Island, Louisiana for over 60 years.

56. HORIZONTAL CONTROL

Refer to field inspection report, Item 4.

Station BELLE ISLE (USGS) 1932 was found destroyed and should not be shown on the manuscript.

RM NO 1 BOAT 1933 was identified and control station identification card submitted.

57. PROPOSED CULTURAL CHANGES

Refer to field inspection report, Items 14 and 20.

State Highway Project 207-01-07 is under construction from Pecan Island northeast to Schooner Bayou Canal at a point south of Little Prairie Ridge, and has been indicated on the field edit sheet. The north portion of this project, from Schooner Bayou Canal to Forked Island Ferry is still subject to change in location and no date has been set for the construction. This is to be a class 5 road. The completion date is indefinite and is certain to extend well into 1952.

The proposed deep water channel from the Intracoastal Canal to the Gulf of Mexico, mentioned in Item 18, is a planning board suggestion and no concrete steps have been taken toward its construction.

58. LAND LINES

Two (2) monuments established during the Kemper-Smith Survey of T15S, R1E, were recovered and located on the field edit sheet. These are the NE and NW corners of Section 15. The NE and NW corners of Section 13 were searched for but not recovered. The pirogue trails along the north side of Pecan Island were established during the Kemper-Smith Survey along with section corner monuments. However, no attempt was made to recover those corners lying well into the marsh.

The "Bilbo" corner, upon which the Kemper-Smith Survey was based, was recovered and identified (see quadrangle T-9106()). The monument recovered was set during this same survey.

This Kemper-Smith Survey has been recorded in court and is a matter of record with the exception of those portions of sections covering high ground on Pecan Island, which are subject to the "Elm" corner survey and Louisiana Homestead Courts. *See item #67, Review Report*

59. MEAN HIGH WATER LINE

Schooner Bayou Canal has been dredged to a width of 235 feet for some part of the canal and the remaining sections will be completed prior to October 1951. This dredging is to be along the north bank and is a part of the extensive flood control program now underway by the Army Engineers. Those portions where dredging is complete have been corrected on the field edit sheet.

Submitted
10 January 1951

Cecil A. Navin
Cecil A. Navin
Topographic Engineer

Approved
30 January 1951

Percy L. Bernstein
Percy L. Bernstein
Chief of Party

REVIEW REPORT T-9107
Topographic Map
19 October 1951

62. Comparison with Registered Topographic Surveys

T-1688, 1:30,000 1886

This map supersedes T-1688 for nautical charting purposes.

63. Comparison with Maps of Other Agencies

Pecan Island, La., NE (advance sheet) 1:31,680, U.S.G.S. 1932

Schooner Bayou Canal on T-9107 is named Old Intracoastal Waterway on the quadrangle. Many canals and ditches have been dredged in the area of Schooner Bayou Canal in conjunction with the building of oil well installations. These features are shown on T-9107 but not on the quadrangle. The development of pirogue trails is more extensive on T-9107 than on the quadrangle. Section lines shown in the area of Little Prairie Ridge on the quadrangle have been omitted from T-9107. Refer to item 67 concerning section lines.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

1116, 1:458,596, ed. 1943, corr. 8/13/51
1277, 1:80,000 ed. 1938, corr. 3/19/51
1051, 1:175,000 ed. 1941, corr. 6/4/51

The numerous pirogue trails and newly developed canals, ditches and oil well installations shown on T-9107 are not shown on the charts.

66. Adequacy of Results and Future Surveys

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

67. Section Lines and Boundaries

The section lines shown on this map have been developed

in accordance with General Land Office (Bureau of Land Management) plats. *(Refers to dashed section lines originating from Elmira Co.)*

A private survey of T-15 SR1E made by W. Y. Kemper and V. E. Smith, Civil Engineers, is shown on the map manuscript with a red dotted line symbol. This survey originates from the "Bilbo" corner. The monument marking this corner was recovered but it may not be in its original position (refer to item 60a, Field Edit Report for T-9106). This latter survey has been retained on the manuscript for possible future use or reference purposes.

It will not be drafted for publication and has been defined and so indicated on the drafting overlay.

68. Geographic Names

The name Belle Island Canal has been retained in preference to the name Belle Isle Bayou so as to distinguish the canal from another Belle Isle Canal to the northeast near Vermilion Bay. A list of geographic names in the area of this map is attached to this descriptive report. The list of names has been approved by the Geographic Names Section, Division of Charts.

69. Control for Future Surveys

BMG 114, 1948, a recoverable topographic station, was relocated in a new geographic position by the reviewer. The correction has been noted in red on the Form 524 card.

Reviewed by:

K. N. Maki
K. N. Maki

Approved by:

S. V. Giffith 1/4/52
Chief, Review Section
Div. of Photogrammetry

H. E. Edmundson
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading W. J. K. Steinhilber
Chief, Div. of Photogrammetry Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T- 9107

Record of Application to Charts

[illegible]

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.