

9029

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC

Field No. Ph-21(47) Office No. T-9029

LOCALITY

State LOUISIANA

General locality BAYOU BLACK-INTRACOASTAL  
WATERWAY

Locality LAKE HATCH

194 50

CHIEF OF PARTY

C. W. Clark, Chief of Field Party.

A. L. Wardwell, Tampa Photogrammetric Office

LIBRARY & ARCHIVES

DATE Dec 27-1951

B-1870-1 (1)

9029

# DATA RECORD

T - 9029

Project No. (II): Ph-21(47)

Quadrangle Name (IV): Lake Hatch and Vicinity

Field Office (II): Morgan City, La.

Chief of Party: Charles W. Clark

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Arthur L. Wardwell

Instructions dated (II) (III): February 12, 1948

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): 3-24-50 Date reported to Nautical Chart Branch (IV): 3-29-50

Applied to Chart No.

Date:

Date registered (IV): 11-28-51

Publication Scale (IV): 1: 20,000

Publication date (IV): Sept 1951

Geographic Datum (III): N.A. 1927

Vertical Datum (III): M.H.W.

~~Mean Low Water~~ except as follows:  
Elevations shown as (25) refer to mean high water  
Elevations shown as (g) refer to sounding datum  
i.e., mean low water or mean lower low water

Reference Station (III): CANAL - 1934

Lat.: 29° 32' 08.515 (262.2m)

Long.: 90° 48' 29.584" (795.6m)

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.


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

## DATA RECORD

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

Date: 5-6-48

Planetable contouring by (II): Inapplicable

Date:

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

Date: JULY, AUGUST, 1950

Mean High Water Location (III) (State date and method of location):  
3-13-48 Air Photo Compilation

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

Date: 3-2-48

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

Date: 3-2-48

Control plotted by (III): J. Council

Date: 10-5-48

Control checked by (III): H.R. Rudolph

Date: 10-15-48

~~Radial Plot~~ ~~by (III):~~~~by (III):~~ M.M. Slavney

Date: 5-5-49

Stereoscopic Instrument compilation (III):  
Planimetry Inapplicable

Date:

Contours Inapplicable

Date:

Manuscript delineated by (III): Charles J. Downing

Date: 10-9-49

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

Date: Dec. 1949

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

Inapplicable

Date:

Camera (kind or source) (III): U.S. C. & G.S. 9-Lens 8.24" focal length

Number	Date	Time	Scale	Stage of Tide
21929	3-13-48	11:29	1: 20,000	No Tide
21930	"	11:31	"	
21931	"	11:32	"	
21997	"	14:11	"	
21998	"	14:12	"	
21999	"	14:13		
22000		14:15		

## Tide (III)

Reference Station: No tide

Subordinate Station:

Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): L. M. Gazik

Date: 1-16-51

Final Drafting by (IV): H. Lucas

Date: August 17, 1951

Drafting verified for reproduction by (IV): C. Kupiec

Date: Sept. 20, 1951

Proof Edit by (IV):

L. Martin Gazik

Date: Sept 24, 1951

Land Area (Sq. Statute Miles) (III): 64.5

Shoreline (More than 200 meters to opposite shore) (III): 2.2

Shoreline (Less than 200 meters to opposite shore) (III): 29.7

Control Leveling - Miles (II): Inapplicable

Number of Triangulation Stations searched for (II): 4

Recovered: 4

Identified: 2

Number of BMs searched for (II): None

Recovered: ----

Identified: ----

Number of Recoverable Photo Stations established (III): 2

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

Remarks:

### Summary to Accompany T-9029

Planimetric survey T-9029 is one of a series of 21 maps at 1:20,000 scale in the Gulf Coast area of Louisiana, each  $7\frac{1}{2}$  minutes latitude by  $7\frac{1}{2}$  minutes longitude.

The area covered by this project includes Houma on the east to Vermilion Bay on the west and extends from the vicinity of the Intracoastal Waterway southward to Atchafalaya and Fourleague Bays.

Shoreline surveys for the Intracoastal Waterway of Project Ph. 14(46) at 1:10,000 scale furnished some detailed information along both sides of the Waterway area for the planimetric maps of this project.

Adjoining this project to the east and covering the Intracoastal Waterway to Florida are a series of revision sheets at 1:20,000 scale of Project Ph-1(45). To the west of this project are 17 contemporary quadrangles at 1:20,000 scale of Project Ph-33(48).

THE FIELD INSPECTION REPORT COVERS  
QUADRANGLES T-9028, T-9029, T-9030,  
AND IS BOUND WITH T-9030.





## COMPILATION REPORT T-9029

The Photogrammetric Plot Report was submitted on May 5, 1949 and is included in Descriptive Report T-9033.

31. DELINEATION

Delineation was accomplished by graphic methods. The quality of the photographs was good, and little difficulty was experienced during delineation. Field inspection was reasonably good. An attempt was made to use film positives of shoreline surveys number T-8889 and T-8890 Ph-14(47). Although the pass point agreement was good, comparison showed that the Tampa Office position for the Intracoastal Waterway fell approximately 6 meters north of that delineated on the film positives. Consequently the film positives were disregarded, and all delineation was done from the photographs.

32. CONTROL

Identification, placement and density of control was adequate.

33. SUPPLEMENTAL DATA

Some reference was made to film positives T-8889 and T-8890 Ph-14(47) shoreline manuscripts covering a portion of the area, reference Item 31.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Two large bayous cross the northeast quarter of this map. The Intracoastal Waterway canal crosses the map from west to east, just north of the southern limits. There are several navigation and drainage canals in the area. The entire area is drained by a series of drainage ditches.

35. SHORELINE AND ALONGSHORE FEATURES

Shoreline inspection was adequate for accurate and complete delineation. No low-water or shoal lines have been shown.

36. OFFSHORE DETAILS

No unusual problems were encountered.

### 37. LANDMARKS AND AIDS

One landmark that was originally located on T-8890, Ph-14(47), has been given a new position, reference Item 31.

There are no nonfloating or aeronautical aids.

### 38. CONTROL FOR FUTURE SURVEYS

Two Forms 524 were submitted with T-8890 of Ph-14(47) for stations PBM-30 and PBM-32, 1934. Due to discrepancies in the plot between T-9029 and T-8890 (see Item 31) it was necessary to make corrections in the plotted positions of these stations. Form 524 for these stations have been corrected accordingly.

A list of recoverable topographic stations is included in Item 49.

### 39. JUNCTIONS

Junctions were made with T-9028 on the west, and with T-9030 on the east. Both junctions were in good agreement. A <sup>satisfactory</sup> junction could not be made on the south with planimetric map T-5288 (1932). ~~and all details on this manuscript were delineated 1.25cm. beyond the neat line.~~ There is no contemporaneous survey to the north.

### 40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

### 46. COMPARISON WITH EXISTING MAPS

Comparison was made with a U.S. Geological Survey topographic quadrangle "Gibson, Louisiana" at a scale of 1: 62,500, edition date of 1944. The two surveys are in good agreement.

#### 47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Intracoastal Waterway Charts 879 and 880, scale 1: 40,000, published in November 1949. The shoreline surveys mentioned under Item 31 were the source of the planimetry of this chart and the same difference in horizontal displacement applies.

Comparison was also made with Nautical Chart 1050, scale 1: 175,000, published in October 1939, and bearing a print date of November 3, 1947. The topographic map listed under Item 46 was apparently the main source of the planimetry shown on this chart and the same statement applies.

#### 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.

Charles J. Downing  
Charles J. Downing  
Cartographic Aid

48. GEOGRAPHIC NAME LIST.

BAYOU BLACK  
BAYOU BLACK SCHOOL  
BAYOU CANE  
BAYOU du LARGE  
BAYOU LA CARPE  
BAYOU MAUVAIS BOIS  
BAYOU TERREBONNE  
BLANCHARD SCHOOL  
  
CRESCENT FARM  
CRESCENT FARM SCHOOL  
  
HANSON CANAL  
HATCH POINT  
HOLLYWOOD  
HUMPEREYS  
  
INTRACOASTAL WATERWAY  
  
LAKE HATCH  
LITTLE BAYOU BLACK  
  
MANDALAY  
MINOR CANAL  
  
OUISKI BAYOU  
  
SAINT ANTHONY'S CHURCH  
SAINT LUKES CHURCH  
SAINT LUKES SCHOOL  
SAINT MATTHEWS CHURCH  
SOUTHERN PACIFIC R R  
STATE NO. 69  
STATE NO. 79  
STATE NO. 247  
  
U S NO. 90  
  
WATERPROOF

Names approved

1-8-51

A. J. W.

9-21-51

A. J. W.

49. NOTES FOR THE HYDROGRAPHER

Following is a list of topographic stations that may be useful to the hydrographer:

PBM - 30, 1934

PBM - 32, 1934

✓  
end

## 50. PHOTOGRAMMETRIC OFFICE REVIEW

T- 9029

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

## 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) J.G. 7. Photo tie stations XXXXXXXXXX 8. Bench marks J.G. 9. ~~Matching of control lines~~ XXXXXXXXXX 10. Photogrammetric plot report J.G. 11. Detail points J.G.

## ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline J.G. 13. Low-water line J.G. 14. ~~Rocks, shoals, etc.~~ XXXXXXXXXX 15. Bridges J.G. 16. ~~Reefs to navigation~~ XXXXXXXXXX 17. Landmarks J.G. 18. Other alongshore physical features J.G. 19. Other along-shore cultural features J.G.

## PHYSICAL FEATURES

20. Water features J.G. 21. Natural ground cover J.G. 22. Planetable contours XXXXXXXXXX 23. ~~Spot elevations~~ XXXXXXXXXX 24. ~~Contours in general~~ XXXXXXXXXX 25. ~~Spot elevations~~ XXXXXXXXXX 26. Other physical features J.G.

## CULTURAL FEATURES

27. Roads J.G. 28. Buildings J.G. 29. Railroads J.G. 30. Other cultural features J.G.

## BOUNDARIES

31. ~~Boundary lines~~ XXXXXXXXXX 32. ~~Political lines~~ XXXXXXXXXX

## MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy overlay J.G. 37. Descriptive Report J.G. 38. Field inspection photographs J.G. 39. Forms J.G.40. Jesse A. Giles Jesse A. Giles William A. Rasure 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.

Charles J. Downing  
CompilerWilliam A. Rasure  
Supervisor

43. Remarks:



**DEPARTMENT OF COMMERCE**  
**U. S. COAST AND GEODETIC SURVEY**

# NONTECHNICAL LANDMARKS FOR CHARTS

~~TO BE IDENTIFIED~~

**STRIKE OUT ONE**

**Morgan City, La.**

# UNIT

1917

I recommend that the following objects which have ~~(been inspected from seaward to determine their value as landmarks be~~ 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 **U.S. Downing**  
**Tempa Photogrammetric Office**

**CHARLES H. 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



FIELD EDIT REPORT  
Quadrangle T-9029

51. METHODS

All features were checked by visual methods with the exception of canals, which were added by plane table methods.

All corrections, deletions and additions have been shown on the field edit sheet in violet or green ink.

All field edit data is to be found on one (1) field edit sheet and one discrepancy print.

52. ADEQUACY OF COMPILATION

The compilation appears good.

53. MAP ACCURACY

Although no measurements were taken the positioning of detail appears to be very good.

54. RECOMMENDATIONS

None

55. EXAMINATION OF THE PROOF COPY

The proof copy may be submitted to Mr. T. Baker Smith, Surveyor, of Houma, Louisiana or to Mr. R. A. Bazet, Clerk of Court, Terrebonne Parish Courthouse, Houma, Louisiana, for examination and comment.

There are few geographic names changes in this area. At 29 36.8/90 47.7' the Name CRESCENT<sup>should</sup> have FARM added. This change is according to the Houma Post Office and to Mr. Alfred Ledet, Overseer, Crescent Farm Plantation, Delarge Route, Houma, Louisiana.

The school at 29 36.6'/90 46.8' is named the CRESCENT<sup>c</sup> FARM SCHOOL; the school at 29 36.4'/90 52.1' is a colored school locally known as the BAYOU BLACK SCHOOL; the school at 29 36.5'/90 51.3' shown on the manuscript as Bayou Black School is officially known as BLANCHARD SCHOOL, however it receives some mail addressed to the Bayou Black School and is known by the latter name by many local residents. The names of these schools were taken from a Terrebonne Parish Board of Education Map, however there were no members of the board available for interview.

The name WADDEL at 29 33.1'/ 90 47.8' should be changed to MINOR.

*applied to  
alt. 880  
3 m.a.*

*applied to  
alt 880*

The MINOR canal was originally dug from Bayou Black southwards towards the Gulf of Mexico and receives its name from the owner of the plantation which it drains. The five references to the WADDEL canals as shown on the manuscript should be deleted. These ~~chnals~~ <sup>canals</sup>, which now serve as drainage ditches, were originally dug in the late 1800's to facilitate the removal of logs by the Waddel Lumber Company. The name is no longer known by the local residents and the canals are <sup>not</sup> referred to by any specific name at present. These facts were verified by Mr. R. A. Bazet, Clerk of Court and Recorder, Terrebonne Parish, Houma, Louisiana. Mr. Bazet has made a study of geographic names in the parish and is willing to examine all maps for possible corrections to the names as shown.

#### 56. TRAILS

On the 1948 Coast and Geodetic Survey photography of this area, there appear numerous well defined lines crossing the swamp and marsh. These lines are marsh buggy tracks made during oil exploration work and are no longer clearly visible on the ground.

#### 57. HORIZONTAL CONTROL

See Item 4, Field Inspection Report.

U. S. Coast and Geodetic Survey triangulation station EAST, 1934 was searched for and reported lost.

Submitted:

30 August 1950

*Cecil A. Navin*  
Cecil A. Navin

Topographic Engineer

Approved

*George E. Morris, Jr.*  
George E. Morris, Jr.  
Comdr., U. S. C. & G. S.  
Chief of Party

REVIEW REPORT  
Planimetric Map T-9029~~28~~  
January 16, 1951

62. Comparison with Registered Topographic Surveys

T-8890                      1:10,000                      1946

This planimetric survey supersedes the above-listed survey for nautical charting purposes.

63. Comparison with Maps of Other Agencies

Gibson, La., quadrangle, U.S.G.S., 1:62,500 1944

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

879	1:40,000	March	1949
880	1:40,000	November	1949
1050	1:175,000	April	1950
1116	1:458,596	June	1950

The following differences have been noted between Chart 880 and this survey:

(a) In accordance with the new instructions, field roads have been for the most part omitted with the consequence that there is a de-emphasis of the road pattern on T-9029 as compared to that on Chart 880.

(b) The HANSON CANAL is now complete and is so shown on T-9029.

(c) The railroad siding running south from WATERPROOF is not shown on Chart 880.

(d) Bridge information for this survey was supplied by the Field Inspection Report which is included in Descriptive Report for T-9030.

(e) Field edit reports that the trees in the swamp areas are predominantly of the mixed deciduous type and therefore not properly designated as "cypress" swamp.

*Added 11-25-53  
J.M.A.*

66. Adequacy of Manuscript

This planimetric quadrangle complies with project instructions and with the National Standards of Map Accuracy.

Reviewed by:

L. Martin Lazik  
L. Martin Lazik

Approved:

S. V. Griffith  
Chief, Review Section HRB 11/29/51  
Div. of Photogrammetry

H. C. Edmiston  
Chief, Nautical Chart Branch  
Division of Charts

O. S. Reading  
Chief, Div. of Photogrammetry

W. M. Acaife  
Chief, Div. of Coastal Surveys

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-9029

## 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.