

# 9115

Diag. Cht. No. 1116-2, 1276-2 & 1277.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. PH-33(48) Office No. T-9115

### LOCALITY

State LOUISIANA

General locality WEST COTE BLANCHE BAY

Locality MARSH ISLAND

1948

### CHIEF OF PARTY

C. W. Clark, Chief of Field Party  
A. L. Wardwell, Tampa Photogrammetric Office

### LIBRARY & ARCHIVES

DATE MAR - 30 - 1953

B-1870-1 (1)

# 9115

# DATA RECORD

T-9115

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

Quadrangle Name (IV): *Bayou Blanc*

Field Office (II): Abbeville, La.

Chief of Party: Charles W. Clark

Photogrammetric Office (III): Tampa, Fla.

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): 12-24-52

Publication Scale (IV): 1:24,000

Publication date (IV):

Geographic Datum (III): NA 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): COVE, 1933

Lat.: 29° 30' 08".99 (276.8m)

Long.: 91° 51' 40".71 (1096.5m)

Adjusted

~~Horizontal~~

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.


None

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

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
21969	3/13/48	12 29	1:20,000	+ 0.2
21970	"	12 30	"	+ 0.2
21946	"	11 55	"	+ 0.2

Tide (III)

Reference Station: Galveston

Subordinate Station: Cote Blanche, West Cote Blanche Bay

Subordinate Station: Point Cherreuil, East Cote Blanche Bay

Ratio of Ranges	Mean Range	Spring Range
1.0	1.0	1.4
1.1	1.1	1.6

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

Date: *23 April 1951*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 38

Shoreline (More than 200 meters to opposite shore) (III): 45 mi

Shoreline (Less than 200 meters to opposite shore) (III): 55 mi

Control Leveling - Miles (II): 0

Number of Triangulation Stations searched for (II): 3

Recovered: 1

Identified: 1

Number of BMs searched for (II): 0

Recovered: 0

Identified: 0

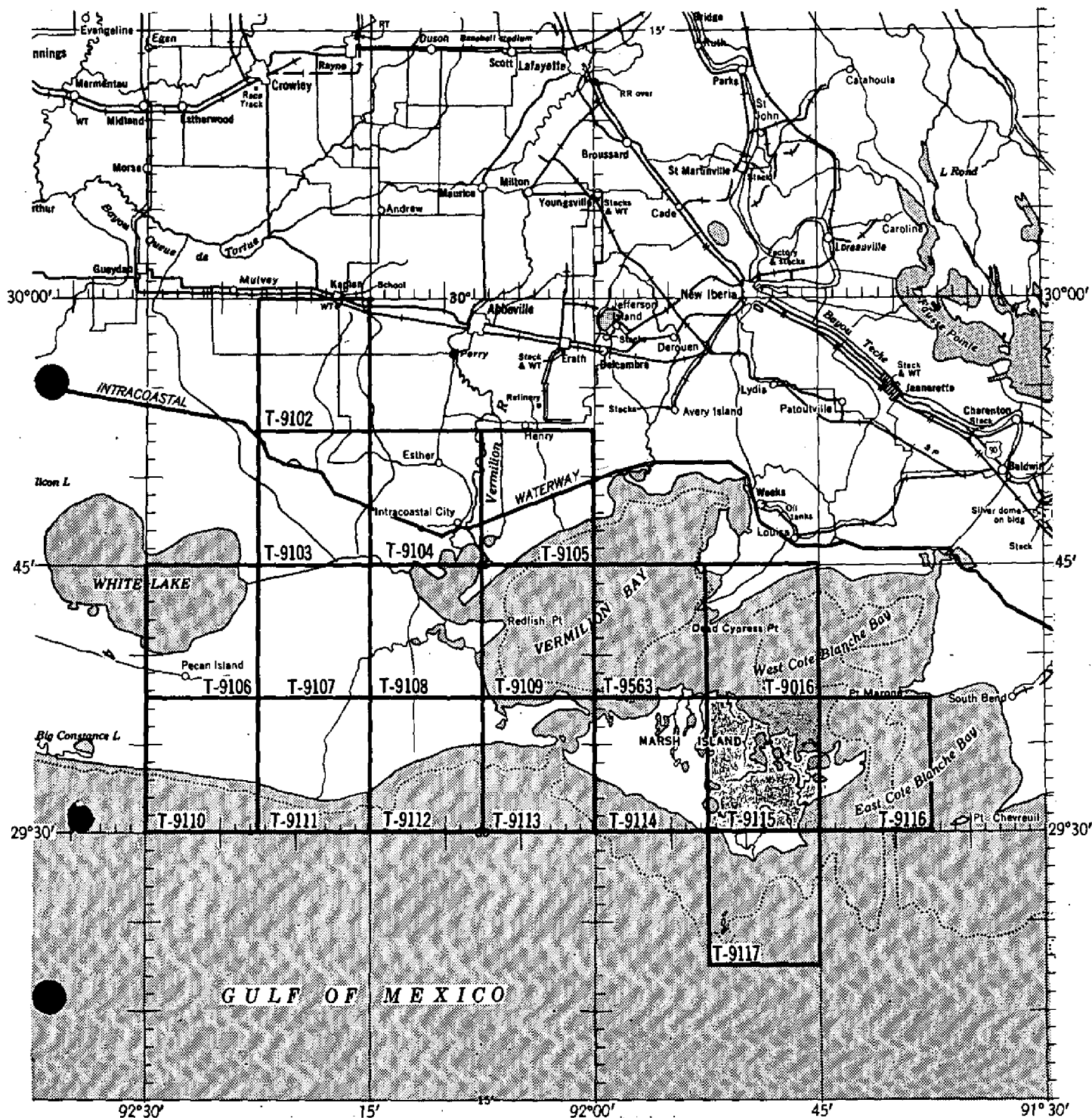
Number of Recoverable Photo Stations established (III): 6

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

Remarks:

# TOPOGRAPHIC MAPPING PROJECT PH 33 (48)

## LOUISIANA - INTRACOASTAL WATERWAY East Cote Blanche Bay — White Lake



## Summary to Accompany T-9115

18

T-9115 is one of 17 topographic quadrangles in Project Ph-33(48) on the Louisiana Coast southwest of New Orleans in the vicinity of Vermilion Bay and bordering on the south side of West Cote Blanche Bay. This map covers the east central portion of Marsh Island. The north limits of this map which originally extended to latitude  $29^{\circ} 38'$  was revised to  $29^{\circ} 37' 30''$ , thus making the sheet a standard  $7\frac{1}{2}'$  quadrangle. The detail in the excluded half minute was added to the adjoining map T-9016 of this project. This latter map was formerly a planimetric map in Project Ph-21(47). The land area of T-9115 is entirely marsh land. It contains no roads or other cultural features with the exception of the buildings at the State Conservation Commission camp on Bayou Blanc and a number of trappers' cabins scattered throughout the area. The field operations preceding compilation included complete field inspection and the recovery of horizontal control. The island area covered is less than 5 feet in elevation and no contours or spot elevations are shown. The map is a graphic compilation at a scale of 1:20,000 and consists of one sheet. No field edit was performed. 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 copies to be permanently filed in the Bureau of Archives under T-9115 will include a cloth-mounted lithographic print of T-9115 at scale 1:20,000 and a cloth-mounted color print of the published map at scale 1:24,000.

THE FIELD INSPECTION REPORT COVERS T-9114, T-9115,  
T-9116, T-9117 AND IS BOUND WITH T-9116

## COMPILATION REPORT, T-9115

PHOTOGRAMMETRIC PLOT REPORT

This report was submitted with T-9018, Project Ph-21(47).

31. DELINEATION

This map manuscript was compiled by the graphic method.

The scale of the photographs was poor which necessitated the establishment of more detail points than ordinarily would have been required.

The field inspection was adequate.

32. CONTROL

Sufficient number of well placed and well distributed pass points were established to insure control for detail points.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Reference Item 6 regarding contours.

All drainage was apparent and no difficulty was encountered in its delineation.

35. SHORELINE AND ALONGSHORE DETAILS

The entire shoreline is indefinite marsh line and has been delineated as such.

No alongshore detail other than a few cabins was indicated by the field inspector.

The shoreline inspection was adequate. No low-water or shoal lines have been shown.

36. OFFSHORE DETAILS

None.



37. LANDMARKS AND AIDS

No unusual methods of compilation were employed.

38. CONTROL FOR FUTURE SURVEYS

Six forms 524 are being submitted with this report.

A list of these topographic stations is included in Item 49. ✓

39. JUNCTIONS

Satisfactory junctions have been made with adjoining surveys:

South-Survey	T-9117
East- "	T-9116
West- "	T-9114
North- "	T-9016

40. HORIZONTAL AND VERTICAL ACCURACY

No statement. See item 66.

41. BOUNDARIES AND SECTION LINES

Since no section corners were recovered by the field inspection party and there were no natural features, all section lines have been omitted.  
See item 67

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S. Geological Survey Quadrangle "BAY-OU BLANC" (advance Copy), Field examined in 1932, scale 1:31,680. In general, the comparison was favorable.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with U.S.C.&G.S. Nautical Charts Nos. 1276 and 1277, published March, 1939 (1st edition) and Nov., 1938 (2nd edition), scale 1:80,000, corrected to 23 May 1949 and 11 April 1949, respectively.


No outstanding discrepancies were noted.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

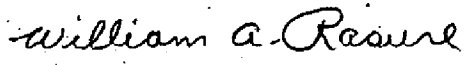
None.

ITEMS TO BE CARRIED FORWARD

None.

  
Rudolph Dossett  
Cartographer (Photo).

Approved and Forwarded

  
for 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.

- BAYOU BLANC ✓
- BIRD ISLAND BAYOU ✓
- EAST COTE BLANCHE BAY ✓
- EAST BRANCH OYSTER BAYOU ✓
- GULF OF MEXICO ✓
- IBERIA PARISH ✓
- JOE AUGOIN BAYOU ✓
- LAKE BLANC ✓
- LAKE FERME ✓
- LAKE MICHAEL ✓
- LAKE SAND ✓
- LAKE TOM ✓
- LOUISIANA ✓
- MARSH ISLAND ✓
- OYSTER LAKE ✓
- POLICE JURY WARD NO. 9 ✓
- RUSSELL SAGE FOUNDATION STATE GAME REFUGE ✓
- SCAT LAKE ✓
- WEST BRANCH OYSTER BAYOU ✓
- WEST COTE BLANCHE BAY ✓
- Worm Bayou ✓

Names underlined in  
red are approved.

4-18-51

L. Heck

49. NOTES FOR THE HYDROGRAPHER

The following is a list of Topographic Stations useful to the hydrographer:

REEF, 1948	}	- T-9115
CLAM, 1948		
GOOD, 1948	}	- T-9016 *
HOB0, 1948		
CUPOLA, 1948	}	- T-9115
NED, RM 2, 1933		
		- T-9016 *

\* These two topo stations were originally in the north limits of T-9115. <sup>The detail in</sup> this area comprising  $\frac{1}{2}$ ' of latitude was transferred to T-9016 thus making both T-9115 and T-9016 of standard size ~~of~~  $7\frac{1}{2}$ ' in latitude.

MAP T-9115

PROJECT NO. Ph-33(48)

SCALE OF MAP 1:20,000

SCALE FACTOR 1:000

[illegible]

1 FT = 3048006 METER

COMPUTED BY:..

DATE..

CHECKED BY:...

DATE:

M.2388.12

12/3

## 50 PHOTOGRAMMETRIC OFFICE REVIEW

T- 9115

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~~  
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. JG ~~15. Bridges~~ 16. Aids to navigation JG 17. Landmarks JG 18. Other alongshore physical features JG ~~19. Other along-shore cultural features~~

## PHYSICAL FEATURES

20. Water features JG 21. Natural ground cover JG ~~22. Man-made contours~~ ~~23. Structures~~ ~~24. Contours in general~~ ~~25. Spot elevations~~ 26. Other physical features JG

## CULTURAL FEATURES

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

## BOUNDARIES

31. Boundary lines JG 32. Public land lines WAR

## 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 JG40. Jesse A. Giles W. 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:

## NON-FLOATING AIDS OR LANDMARKS FOR CHARTS

Abbeville, Louisiana

24 Sept. 1948

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

**Charles H. Clark, Chief of Party.**

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 *individuals*. Should be given.

Review Report T-9115  
Topographic Map  
23 April 1951

61. General Statement

No field edit was accomplished for the area of this map since there were no cultural or natural features requiring additional field verification or correction.

62. Comparison with Registered Topographic Surveys

T-793	1:20,000	1860
T-1680	1:20,000	1886
T-4926	1:20,000	1934
T-6325b	1:20,000	1935
T-6347a	1:20,000	1935

This map supersedes these surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies

Bayou Blanc, La. (advance copy), 1:31,680, U.S.G.S., 1932.

There are more small marshy islets shown off the north shore of Marsh Island on the U.S.G.S. quadrangle than on T-9115. See item 67 for section lines which appear on the quadrangle but are not shown on this map.

64. Comparison with Contemporary Hydrographic Surveys

None.

65. Comparison with Nautical Charts

1276	1:80,000	ed. 1939	corr. 10/9/50
1116	1:458,596	ed. 1943	corr. 5/29/50

There are no significant differences between the map and the charts.

66. Adequacy of Results and Future Surveys

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



67. Section Lines and Boundaries

Section lines are not shown because of the impracticability of accurately locating their position as shown on the General Land Office (Bureau of Land Management) plats. No corners were recovered and there are no fixed natural or cultural features on which land lines could be imposed other than with a very general approximation.

The portion of Marsh Island drawn on this map is part of the Russell Sage Foundation State Game Refuge with the exception of section 16 T17S, R6E which is not shown because, as explained above, land lines could not be located on this map.

68. Geographic Names

A list of geographic names, approved by the Geographic Names Section, Division of Charts is attached to this descriptive report.

Reviewed by:

K. N. Maki

K. N. Maki

Approved by:

S. V. Gifford 1/14/53

Chief, Review Section  
Div. of Photogrammetry

O. S. Reading

Chief, Div. of Photogrammetry

H. P. Edmonston

Chief, Nautical Chart Branch  
Division of Charts GFD

Earl O. Heaton

Chief, Div. of Coastal Surveys HRT

HISTORY OF HYDROGRAPHIC INFORMATION

T-9115

Marsh Island, Louisiana, Gulf Coast, Louisiana

Hydrography was applied to the map manuscript in accordance with the general specifications of 18 May 1949.

Depth curves and soundings are in feet at Mean Low Water and originate with the following surveys:

C&GS Hydrographic survey H-5852 (1935) 1:20,000

" " " H-5859 (1935) 1:20,000

Depth curves and soundings were compared with C&GS Nautical Chart 1276 (1950) 1:80,000.

The depth curves are shown at 6 and 12 feet.

Depth curves and soundings were compiled by K. N. Maki and checked by R. E. Elkins.

*K. N. Maki*

K. N. Maki

8 June 1951

Div. of Photogrammetry

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-9115

### 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.