

# 9563

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-9563

#### LOCALITY

State Louisiana

General locality Vermilion Bay

Locality Marsh Island - Cypremort

Point-Blue Point

19451

#### CHIEF OF PARTY

Charles W. Clark, Chief of Party

Arthur L. Wardwell, Tampa Photo-  
grammetric Office

#### LIBRARY & ARCHIVES

DATE Feb - 12 - 1952

# 9563

DATA RECORD

T-9563

Project No. (II): **Ph-33(48)**    Quadrangle Name (IV):

Field Office (II): **Abbeville, Louisiana**

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):

Date reported to Nautical Chart Branch (IV):

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):

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): **Oak, 1933**

Lat.: **29°42'36.48" (1123.2m)**    Long.: **91°52'53.75" (1444.8m)**

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.


N O N E

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

# DATA RECORD

Field Inspection by (II): J. H. Clark & W. M. Reynolds  
W. M. Reynolds

Date: Sept. 1948  
5 Feb. 1949

Planetable contouring by (II): None

Date: ----

Completion Surveys by (II): C. A. Navin  
(No field edit on detail transferred  
from T-9016)

Date: 30 Oct. 1950  
thru 21 Feb. 1951

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

Date of photography; air photo compilation

Projection and Grids ruled by (IV): L.E.C.

Date: 6-14-51

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

Date: 6-22-51

\* Control plotted by (III): E. T. Ogilby  
J. A. Armstrong

Date: 12-21-48  
3-22-49

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

Date: 12-22-48  
6-21-49

Radial Plot ~~or Stereoscopic~~ M. M. Slavney  
~~Control extension by (III):~~

Date: Oct. 1949

Planimetry  
Stereoscopic Instrument compilation (III):  
Inapplicable Contours

Date: ---

Date: ---

\* Manuscript delineated by (III): W. W. Dawsey  
J. C. Richter

Date: Nov. 1949  
Dec. 1949

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

Date: Mar. 1950

Elevations on Manuscript None  
checked by (II) (III):

Date: ---

Camera (kind or source) (III): U.S.C. & G.S. 9 lens 8.25" focal length.

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
21967	3-13-48	1227	1:20,000	0.1
21968	3-13-48	1228	"	0.1
22037	3-13-48	1509	"	0.1
22038	3-13-48	1510	"	0.6.1
22061	3-13-48	1539	"	0.1

Tide (III)

Reference Station: Galveston, Texas

Subordinate Station: Weeks Bay, Vermilion Bay (T-9016)

Subordinate Station: Southwest Pass, Vermilion Bay (T-9114)

Ratio of Ranges	Mean Range	Spring Range
1.1	1.1	1.5

Refer to  
T-9016  
& T-9114

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

Date: 16 Aug 1951

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

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

Shoreline (More than 200 meters to opposite shore) (III): 4.3 statute miles

Shoreline (Less than 200 meters to opposite shore) (III): 5.3 " "

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 2 Recovered: 2 Identified: 2

Number of BMs searched for (II): Recovered: Identified:

Number of Recoverable Photo Stations established (III): 1

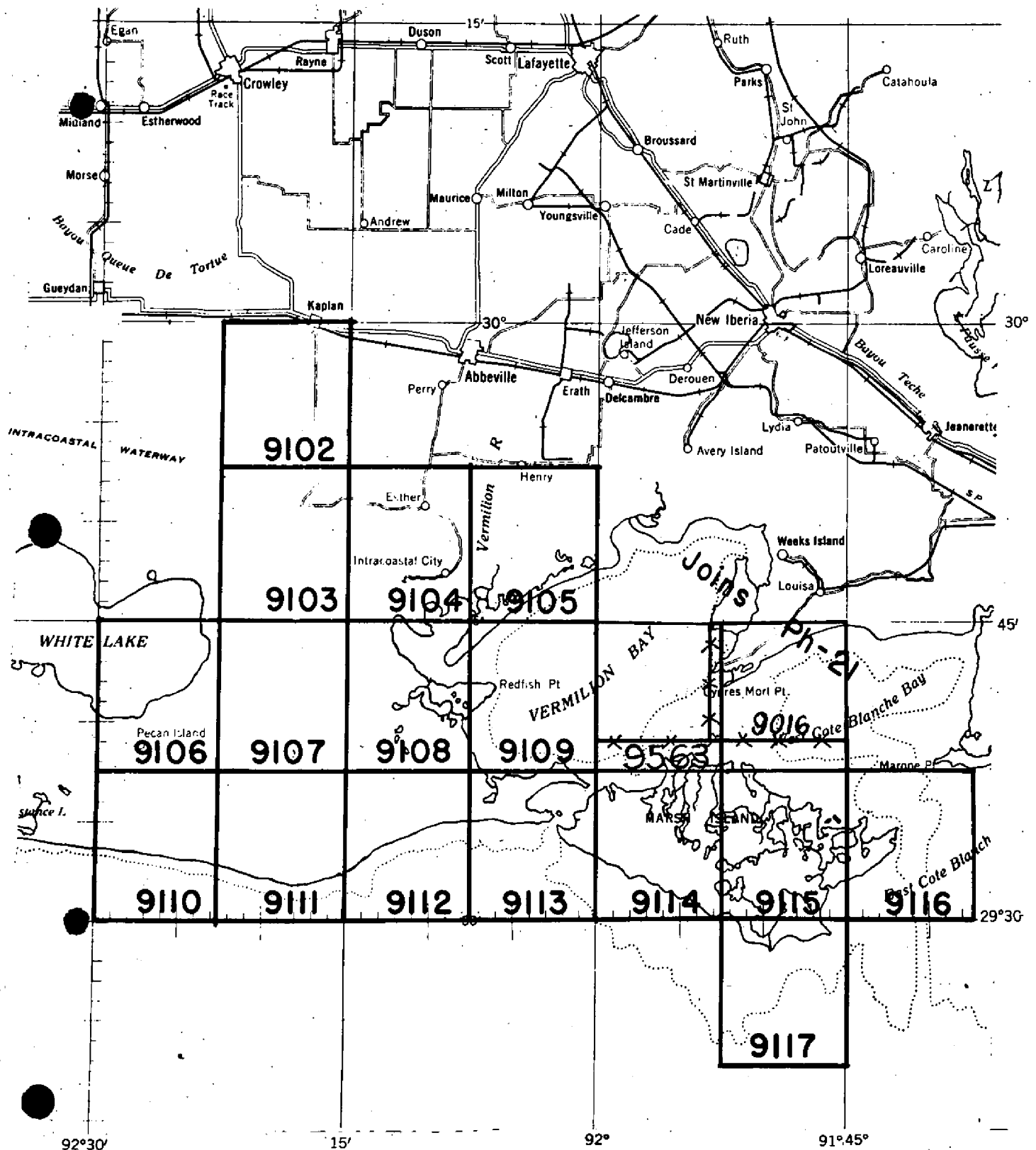
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

\* Control and detail transferred from T-9016, T-9114 and  
"Sheet 2" of T-9114 to T-9563 by S. Dean 16 July 1951.

Intracoastal Waterway  
TOPOGRAPHIC MAPPING PROJECT  
PH-33(48)

LOUISIANA, East Cote Blanche Bay - White Lake



## SUMMARY TO ACCOMPANY T-9563

T-9563 is one of 18 topographic quadrangles in Project Ph-33(48) on the Louisiana coast southwest of New Orleans. This map covers, in part, the eastern portion of Vermilion Bay including as land area the northerly part of Marsh Island and the tips of Cypremort Point and Blue Point on the mainland. T-9563, not originally included in the project, was added primarily to show oil well installations and a light which otherwise would not have been mapped and to reduce the sheets adjoining it on the east (T-9016) and the south (T-9114) to standard  $7\frac{1}{2}'$  quadrangles. Since this map compilation was produced by tracing the previously compiled and reviewed overlapping portions of the adjacent quadrangles including a separate "Sheet 2" for T-9114 covering installations in Vermilion Bay, the descriptive report is necessarily brief. Reference must be made to the descriptive reports for T-9016 and T-9114 for material not included in the descriptive report for T-9563. The land area of T-9563 is almost entirely marshland. Cultural features are restricted to Cypremort Point where there are several roads, buildings and pier installations. In addition, there are the oil well installations in Vermilion Bay. The field operations preceding compilation included complete field inspection and the recovery of horizontal control. There are no contours in this map area. 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 map was not entirely field-edited. The map is to be published by the U.S. 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-9563 will include a cloth-mounted lithographic print of T-9563 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

The Field Inspection Report covering the area of Marsh Island is bound with the descriptive report for T-9116. It includes field inspection coverage for T-9114 through T-9117. The Field Inspection Report covering the mainland areas of this map is bound with Descriptive Report T-9016.



PHOTOGRAMMETRIC PLOT REPORT

The Photogrammetric Plot Report covering the area of T-9563 is bound with Descriptive Report T-9018, Project Ph-21(47).

MAP T. 9563..... 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



### COMPILATION REPORT T-9563

Refer to the compilation reports for T-9016 and T-9114 bound with their respective descriptive reports for items not covered in this report.

#### 37. Landmarks and Aids

Light ~~B-10~~ <sup>B-10</sup> formerly marked "unnumbered" and privately maintained has been submitted on Form 567 with the descriptive report for T-9114. A form 524 card is also on file for Light B10.

Light ~~B-9~~ <sup>B-9</sup> is no longer in existence and was reported for deletion on Form 567 submitted with the descriptive report for T-9114.

Refer to the field edit report for T-9114 for notes on other additions and deletions in Vermilion Bay.

#### 38. Control for Future Surveys

Recoverable topographic station Arch, 1948 is no longer in existence. It was reported destroyed during the field edit of T-9114.

## FIELD-EDIT REPORT

The Marsh Island area and the oil well installations in Vermilion Bay on this map were field-edited as part of topographic survey T-9114. The Field-edit Report is bound with Descriptive Report T-9114. No other portion of this map has been field-edited.



## GEOGRAPHIC NAMES

Survey No. T-9563

Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
IBERIA PARISH									1
ST. MARY PARISH									2
VERMILION PARISH									3
POLICE JURY WARD 2 (IBERIA PARISH)									4
" " " 9	"	"	"						5
" " " 2 (ST. MARY PARISH)									6
" " " 2 (VERMILION PARISH)									7
VERMILION BAY									8
WEST COTE BLANCHE BAY									9
BLUE PT.									10
CYPRE <sup>R</sup> MONT PT.									11
BIRD ISLAND BAYOU									12
BAYOU PLATTE									13
BAYOU LUCIEN									14
BAYOU MICHAEL									15
MARSH ISLAND									16
RUSSELL SAGE FOUNDATION STATE GAME REFUGE									17
									18
									19
									20
									21
									22
									23
									24
									25
									26
									27

Names approved  
8-16-51  
A.J.W.

# HISTORY OF HYDROGRAPHIC INFORMATION

T-9563 - Louisiana

Hydrography was applied to the manuscript of this quadrangle in accordance with Division of Photogrammetry request of 31 August 1951, and with general specifications of 18 May 1949.

The depths are in feet at mean low water and originate with the following surveys and charts:

## USC&GS Hydrographic Surveys

H-1767 (1886) 1:20,000  
H-1777 (1887-88) 1:20,000  
H-1821 (1888) 1:20,000

## USC&GS Nautical Chart

1277 (1951) 1:40,000

Bottom contours are shown at 6 feet.

The hydrography was compiled by R. E. Elkins and checked by G. F. Jordan.

*R. E. Elkins*

R. E. Elkins, 6 Sept. 1951  
Nautical Chart Branch

REVIEW REPORT T-9563  
Topographic Map  
16 August 1951

61. General Statement

As noted in the attached "Summary to Accompany T-9563" this map was added to Project Ph-33(48) subsequent to the original project planning and layout. The addition of this survey to the project fills in the previously existing gap in the Vermilion Bay area and unifies the project into a continuing series of standard 7½ minute quadrangles. The reports on the various operations necessary to produce this map such as field inspection, photogrammetric plot, graphic compilation and field-edit are contained in Descriptive Reports T-9114 and T-9016. Some specific items are discussed but reports are referenced to their sources.

62. Comparison with Registered Topographic Surveys

T-793	1:20,000	1860
T-1684	"	1886
T-1687	"	1886
T-6347a	"	1935✓

This map supersedes these surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies

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

Section lines are shown on the quadrangles but only partially on T-9563. Refer to item 63, Descriptive Report T-9016 and items 67 of this report for section lines.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

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

The specific location of the oil well installations in Vermilion Bay are shown on T-9563 but on the charts their position is generalized by the word "obstructions".

A pile shown on charts 1277 and 1051 at approximate latitude  $29^{\circ}41.3'$  and longitude  $91^{\circ}53.7'$  is not shown on T-9563.

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 only section line shown is on the mainland on Cypremort Point. It ties in with the partial section line development of the adjoining survey T-9016. Refer to item 63, Descriptive Report T-9016.

Section lines are not shown on the remainder of the map area 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 the 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.

The Iberia-St. Mary Parish boundary has been drawn on the map manuscript with the descriptive note "Location Indefinite". The boundary reference points as described in the boundary description for these two parishes are indefinite and positive location cannot be provided. Refer to p. 6 and 54 of special "Boundary Report, Project Ph-33(48)" on file in the Division of Photogrammetry. Police Jury Wards have been shown according to descriptions provided in the above noted special boundary report.

68. Geographic Names

The list of geographic names attached to this report have been approved by the Geographic Names Section, Division of Charts.

Reviewed by:

*K. N. Maki* 1/3/52  
K. N. Maki



Approved by:

S. V. Gifford 11/3/52  
Chief, Review Section  
Div. of Photogrammetry

H. R. Edmonston  
Chief, Nautical Chart Branch  
Division of Charts *and*

O. S. Reading  
Chief, Div. Photogrammetry

W. J. Schindler  
Chief, Div. Coastal Surveys *CS H.*

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-9563

## 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.