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 Photogrammetric Office

LIBRARY & ARCHIVES

DATE: Feb-12-1952
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 (II): 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 (2) 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)

Plane Coordinates (IV):
Y=  State: Louisiana  Zone: South
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): J. H. Clark & W. M. Reynolds
   W. M. Reynolds
   Date: Sept. 1948
   5 Feb. 1949

Planetary 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
   Stoecic instrument compilation (III):
   M. M. Slavney
   Date: Oct. 1949
   Planimetry
   Date: ---

Stereoscopic Instrument compilation (III):
   Inapplicable
   Date: ---

 ensuite 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
   checked by (II) (III): None
   Date: ---

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<th>Stage of Tide</th>
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Tide (III)

Reference Station: Galveston, Texas
Subordinate Station: Weeks Bay, Vermilion Bay (T-9016)
Subordinate Station: Southwest Pass, Vermilion Bay (T-9114)

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<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
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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): 4.3 statute miles
Shoreline (More than 200 meters to opposite shore) (III): 5.3 "
Shoreline (Less than 200 meters to opposite shore) (III): "
Control Leveling - Miles (II): Recovered: 2 Identified: 2
Number of Triangulation Stations searched for (II): 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.

Form T-Page 4
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 Cypremport 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 Cypremport 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).
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<th>SOURCE OF INFORMATION</th>
<th>DATUM</th>
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<th>LONGITUDE OR X-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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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 B10 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 B9 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.
<table>
<thead>
<tr>
<th>Name on Survey</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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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, 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

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<td>T-6347a</td>
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This map supersedes these surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies


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

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<th>Scale</th>
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<td>1116</td>
<td>1:458,596</td>
<td>ed. 1943</td>
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The specific location of the oil well installations in Vermillion 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°41.3' and longitude 91°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. M. Maki 1/3/65

K. M. Maki
Approved by:

S. Griffith 1/3/54
Chief, Review Section
Div. of Photogrammetry

H. Edmonston
Chief, Nautical Chart Branch
Division of Charts

O. S. Stirling
Chief, Div. Photogrammetry

J. C. G. Steinhauer
Chief, Div. Coastal Surveys 5/9/54
<table>
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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.