# DESRIPTIVE REPORT

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<th>Type of Survey</th>
<th>Topographic</th>
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<tbody>
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<td>Field No.</td>
<td>Ph-68</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-9792</td>
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## LOCALITY

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<tr>
<td>General locality</td>
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<tr>
<td>Locality</td>
<td>Lake Borgne</td>
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1951-56

<table>
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<th>CHIEF OF PARTY</th>
</tr>
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<tbody>
<tr>
<td>P.L. Brenstein, Chief of Field Party</td>
</tr>
<tr>
<td>I.R. Rubottom, Trapa Photo, Office</td>
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</table>

## DATE
DATA RECORD

T = 9792

Project No. (II): Ph-68
Quadrangle Name (IV): Lake Borgne

Field Office (II): Gulfport, Mississippi
Photogrammetric Office (III): Tampa, Florida

Chief of Party: P. L. Bernstein
Officer-in-Charge: Ira R. Rubottom

Instructions dated (II) (III):
1. 11 August 1951
2. Supplement 1
   10 October 1951
3. Supplement 2
   15 February 1952
4. Supplement 3
   10 March 1952

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic
Stereoscopic Plotting Instrument Scale (III): Inapplicable

Manuscript Scale (III): 1:20,000
Scale Factor (III): None

Date received in Washington Office (IV): Date reported to Nautical Chart Branch (IV):
Applied to Chart No.:

Date registered (IV): 2/24/15

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N. A. 1927
Vertical Datum (III):
Mean sea level except as follows:
Elevations shown as ( ) refer to mean high water
Elevations shown as ( ) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): DACE, 1952

Lat.: 30° 04' 31.934' (1075.7 m.)
Long.: 89° 11' 03.534' (946.6 m.)

Adjusted

Plane Coordinates (IV):
State: Zone:

X = Y =

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):  C. H. Baldwin
                         S. L. Hollis, Jr.  Date: Mar. 1952

Planetable contouring by (II):  C. H. Baldwin
                                S. L. Hollis, Jr.  Date: Mar. 1952

Completion Surveys by (II):  George E. VanCampa  Date: Nov. 1956

Mean High Water Location (III)  (State date and method of location):  Air photo compilation = 24 Mar. 1952

Projection and Grids ruled by (IV):  J. A. (M.O.)  Date: 14 April 1952

Projection and Grids checked by (IV):  H. D. W. (M.O.)  Date: 14 April 1952

Control plotted by (III):  I. I. Saperstein  Date: 20 Oct. 1952

Control checked by (III):  R. J. Pate  Date: 23 Oct. 1952

Radial Plot:  Stereoscopic
Control extension by (III):  M. M. Slavney  Date: 1 Dec. 1952

Stereoscopic Instrument compilation (III):  Inapplicable

Planimetry

Contours

Manuscript delineated by (III):  R. A. Reece  Date: 20 Aug. 1954

Photogrammetric Office Review by (III):  J. A. Giles  Date: 21 Sept. 1954

Elevations on Manuscript
checked by (III):  J. A. Giles  Date: 15 Sept. 1954
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**Tide (III)**

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<th>Storm Range</th>
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<tr>
<td>0.8</td>
<td>1.0</td>
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**Reference Station:** Pensacola, Florida  
**Subordinate Station:** Long Point, Lake Borgne, La.

Washington Office Review by (IV):  
Final Drafting by (IV):  
Drafting verified for reproduction by (IV):  
Proof Edit by (IV):  

**Land Area (Sq. Statute Miles) (III):** 22.5  
**Shoreline (More than 200 meters to opposite shore) (III):** 13.0

Control Leveling - Miles (II):  
Number of Triangulation Stations searched for (II): 42*  
Recovered: 23*  
Identified: 10*  
Number of BMs searched for (II): 45  
Recovered: 22  
Identified: 7  
Number of Recoverable Photo Stations established (III): 9  
Number of Temporary Photo Hydro Stations established (III): 0

Remarks:  
* Five third-order stations established; two identified.  
* None of these within sheet limits

Date: Jan 1959
Summary to Accompany Topographic Map

This topographic map is one of seven maps of Project PH 68. It covers the north shore of LAKE BORGNE and continues into MISSISSIPPI SOUND. Project PH-89 joins the four most southern manuscripts and Project PH-60 joins the other three.

It is a graphic compilation project. Field work in advance of compilation included the recovery of control field inspection, the delineation of 5 foot contours on 1952 nine-lens photographs by planctable methods and the investigation of geographic names and boundaries.

The two most northern sheets T-9786 and T-9787 were contoured by the Reading Plotter with a 10' interval.

A nine-lens plot was run by the Tampa Office on the five most southern sheets and a separate nine-lens plot on sheets T-9786-87 was run by the Washington Office. The plots junc tioned well.

All sheets were compiled and scribed by the Tampa District Office. New photography taken in 1955 with the "W" camera was used to revise delineation where necessary.

The manuscripts were field edited.

With the addition of hydrographic data these maps will be forwarded to the Geological Survey for publication.

Items registered under each map number will include a cronar film positive and a descriptive report.
THE FIELD INSPECTION REPORT
WAS SUBMITTED WITH THE
DESCRIPTIVE REPORT FOR T-9791
PHOTOGRAMMETRIC PLOT REPORT.

Submitted with T-9791

31. DECLINEATION.

The manuscript was delineated by the graphic method.

No unusual methods of compilation were used.

32. CONTROL.

Reference photogrammetric plot report.

33. SUPPLEMENTAL DATA.

None.

34. CONTOURS AND DRAINAGE.

No difficulties were encountered in delineating the drainage nor in transferring the contours to the manuscript.

35. SHORELINE AND ALOMOSHORE DETAILS.

The shoreline has been shown according to field inspector's notes and office interpretation of photographs. No low-water or shoal lines have been shown. There was adequate inspection.

36. OFFSHORE DETAILS.

No statement.

37. LANDMARKS AND AIDS.

None.
38. CONTROL FOR FUTURE SURVEYS.

Nine (9) Forms 524 for recoverable topographic stations are being submitted with this report.

A list of these stations is included under Item 49.

39. JUNCTIONS.

Junction was made with Survey T-9789 to the north; T-9656 (Ph-89) to the east; and T-9660 (Ph-89) to the south.

There is no contemporary survey to the west.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement.

41. PUBLIC LAND LINES.

No attempt was made to show section lines since no corners or points on line were recovered by the field inspector. Unless at least one section corner can be recovered, it is not considered feasible to attempt locating section lines. [Refer to given report Item # 57]

46. COMPARISON WITH EXISTING MAPS.

Comparison was made with USGS Planimetric Map T-5313, ALLIGATOR POINT, scale 1:20,000, November 1932.

The two are in good agreement. The shoreline has changed slightly and the Intracoastal Waterway has been extended into this area.

Comparison was also made with Geological Survey, ALLIGATOR POINT Quadrangle, scale 1:31,680, 1935 edition. The two are in good agreement. The same differences notes on Planimetric Map T-5313 exist here too.

47. COMPARISON WITH NAUTICAL CHARTS.

Comparison was made with USGS Nautical Chart No. 1268, scale 1:80,000, published in September 1940, corrected to 9 June 1952. The two are in good agreement. [Bearing a print date 13 April 1953.]
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.

Richard A. Reece
Carto Photo Aid

APPROVED AND FORWARDED.

Ira R. Rubottom, Chief of Party
48. GEOGRAPHIC NAME LIST.

ALLIGATOR BEND
ALLIGATOR POINT
BAYOU PLATTE
BAYOU SAPATA
BIG DEDEIE LAKE
BLIND BAYOU
BOBS BAYOU

DEEDIE BAYOU

FREDERICK BAYOU

INTRACOASTAL WATERWAY - RIGOLETS - NEW ORLEANS CUT

LAKE BORNE
LAKE CATHERINE (COMMUNITY)
LAKE ST CATHERINE
LITTLE BAYOU PLATTE
LITTLE DEEDIE LAKE
LOUISIANA
LOUISVILLE & NASHVILLE RAILROAD

MILLER BAYOU

ORLEANS PARISH

SHELL POINT
ST BERNARD PARISH

TRULOCX BAYOU
TRULOCX POINT

UNKNOWN PASS

Names approved
1-17-56  H. Heck
49. **NOTES FOR THE HYDROGRAPHER.**

The following is a list of topographic stations that will be useful to the hydrographer:

- ACID, 1952 (west of T-9792)
- CAGE, 1952
- EAST, 1952
- BALK, 1952
- LONG, 1952
- CHIN, 1952
- DASH, 1952
- ECHO, 1952
- CONE, 1952
PHOTOGRAMMETRIC OFFICE REVIEW

T. 9792.


CONTROL STATIONS


ALONGSHORE AREAS

(Nautical Chart Data)


PHYSICAL FEATURES


CULTURAL FEATURES


BOUNDARIES

31. Boundary lines J.G. 32. Public land lines *

MISCELLANEOUS


40. *No section corner could be recovered.

Reviewer

Jesse A. Giles

Supervisor, Review Section or Unit

William A. Rasor

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:
**TIDE COMPUTATION**

**PROJECT NO. PH. 68 T. 9792**

Time and date of exposure: 0823, 24 Apr. 1956
Reference station: Pensacola, Florida
Subordinate station: Long Point, Lake Borgne, La

**Diurnal**
- High tide: 1.6 feet
- Low tide: 0.4 feet
- Range of tide: 1.2
- Time difference: +1.35 hours
- Corrected time at Subordinate station: 13 33

**Range of tide**
- High tide: +1.6 feet
- Low tide: -0.3 feet
- Ratio of ranges: 0.8

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<tr>
<td>High tide</td>
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<td>1.3</td>
</tr>
<tr>
<td>Low tide</td>
<td>-0.4</td>
<td>-0.3</td>
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<td>Range of tide</td>
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<td>Stage of tide above MLW</td>
<td>Feature above MLW</td>
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<td>8 23</td>
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</table>

**Computed by:** [Signature]

**Checked by:** [Signature]

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**Note:** The table and calculations are provided for reference and may require further interpretation and calculation based on the specific requirements and context of the tide computation project.
Field Edit Report
Quad. T-9792

51. **Methods.** The shoreline and shoreline features were inspected from a boat. Features along the railroad were inspected by landing nearby and walking along the railroad.

Some features were identified and labeled on the photographs and cross referenced to the field edit sheet.

Field edit information is to be found on the following: The field edit sheet; the discrepancy print and one ratio print of photograph No. 55W-1587.

Violet ink was used for all additions and corrections and green ink was used for all deletions. A legend appears on the field edit sheet.

52. **Adequacy of the Compilation.** After the application of the field edit information the compilation will be adequate and complete.

53. **Map Accuracy.** No horizontal accuracy test was made. The only contour appearing on the sheet is the five foot contour along the railroad bed. This was inspected visually and no vertical accuracy test was made.

54. **Recommendations.** None offered.

55. **Examination of the Proof Copy.** No one contacted is believed to be qualified to examine the proof copy for possible errors.

56. **Boundaries Monuments and Lines.** Section lines and corners were plotted (approximately) on the north half of the discrepancy print and a search was made for corners and crossings near the railroad and intracoastal waterway. Inquiries were made at the village of Lake Catherine and at the houses at Unknown Pass, but no information could be obtained and no section corners or crossings were recovered.

The boundary line between Orleans Parish and St. Bernard Parish, as shown on this map, has not been verified. Mr. Eugene Estopinal, Parish Engineer, of St. Bernard Parish was contacted on 22 October. The records and old maps of his office were searched, but no evidence was found that would verify this line. Mr. Estopinal suggested referring the matter to the Asst. District Attorney and advising me by mail of the outcome. No information was received by 12 November and on that date I again visited Mr. Estopinal's office and there contacted Mr. L. H. Perez Jr., Asst. District Attorney for St. Bernard Parish. Mr. Perez stated that some research had been made concerning this boundary and that when the research was completed we would be furnished with his report. His report when received should be made a part of this report.

Respectfully submitted,

George E. Varnadoe
Photo Engr

15 Nov. 1956
REVIEW REPORT T-9792

TOPOGRAPHIC

Jan. 26, 1959

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

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Manuscript T-9792 supercedes all of the above surveys in common areas as source material for chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

USGS, ALLIGATOR POINT, 1:31,680 1935

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

None

65. COMPARISON WITH NAUTICAL CHARTS

1268, 3rd Edition Sept. 1940, 10/6/58

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This manuscript complies with all instructions.

No section corners could be recovered by the field parties. Due to this, no land line net has been shown. The G. S. quadrangle "ALLIGATOR POINT" covering this area also fails to show any recovered corners.

No vertical accuracy test was made and none was needed. The only contour is a five foot contour along the railroad. This was checked visually.

Horizontal accuracy is adequate. This map meets the Standards of National Map Accuracy.
67 BOUNDARIES

The boundary line between ORLEANS PARISH and ST. BERNARD PARISH has not been shown. Refer to field edit report, item 56. The report mentioned under this heading has not been received as of the date of final review.

REVIEWED BY

A. K. Heywood

APPROVED BY:

L. C. Lande
Chief, Review & Drafting Section
Photogrammetry Division

May H. Smith
Chief, Nautical Chart Branch
Charts Division

M. W. Swanson
Chief, Photogrammetry Division

Chief, Coastal Surveys Division

13 July 1959
<table>
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<th>DATE</th>
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<th>CARTOGRAPHER</th>
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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.