### DESCRIPTIVE REPORT

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>TOPOGRAPHIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No. Ph-39</td>
<td>Office No. T-9669</td>
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#### LOCALITY

<table>
<thead>
<tr>
<th>State</th>
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<tbody>
<tr>
<td>General locality</td>
<td>Chandeleur Sound</td>
</tr>
<tr>
<td>Locality</td>
<td>Point Comfort</td>
</tr>
</tbody>
</table>

1955

**CHIEF OF PARTY**

P.L. Bernstein, Chief of Field Party
Ira R. Rubottom, Tampa Photo Office

**LIBRARY & ARCHIVES**

**DATE**

APR 1, 1958
DATA RECORD

T-9669

Project No. (II): Ph-29

Quadrangle Name (IV): CHARCOLEUR SOUND POINT.COMPT


Photogrammetric Office (III): Tampa Florida

Instructions dated (II) (III): 11 April 1952

Chief of Party: P.L. Bernstein

Officer-in-Charge: Ira R. Rubottom

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): Negligent

Date received in Washington Office (IV): Date reported to Nautical Chart Branch (IV): 4 Mar 1958

Applied to Chart No. Date:

Publication Scale (IV):

Geographic Datum (III): N.A. 1927

Publication date (IV):

Vertical Datum (III): M.S.L.

Mean sea level except as follows:

Elevations shown as (25) refer to mean high water
Elevations shown as (3) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): COMFORT, 1952

Lat.: 29°49′31″.157 (959.3 m)

Long.: 89°14′26″.165 (702.5 m)

Plane Coordinates (IV):

Y = ☐

Zone:

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): S.L. Hollis, Jr.  Date: June-Aug. 1952

Planetable contouring by (II): S.L. Hollis, Jr.  Date: June 1952

Completion Surveys by (II): See Review Report for T-9668

Mean High Water Location (III) (State date and method of location): 28 September 1952
Air Photo Compilation

Projection and Grids ruled by (IV): J. Thuma (W.O.)  Date: 30 June 53

Projection and Grids checked by (IV): H.D. Wolfe (W.O.)  Date: 30 June 53

Control plotted by (III): I.I. Saperstein  Date: 19 Aug. 53

Control checked by (III): R.J. Pate  Date: 20 Aug. 53

Radial Plot of Stereoscopic

CONTROL EXTENSION by (III): M.M. Slavney  Date: 26 May 54

Planimetry

Stereoscopic Instrument compilation (III): Inapplicable
Contours

Manuscript delineated by (III): J.E. Johnson  Date: Nov. 1954

Photogrammetric Office Review by (III): J.A. Giles  Date: May 1955

Elevations on Manuscript checked by (III): J.A. Giles  Date: Nov. 1954
PHOTOGRAPHS (III)

<table>
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<tr>
<th>Number</th>
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<tr>
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<td>1022</td>
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<td>39392</td>
<td>8 Feb 52</td>
<td>1023</td>
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<tr>
<td>MDA 6-032</td>
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<td>Field photographs</td>
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<tr>
<td>MDA 6-033</td>
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</table>

Tide (III)
From predicted tides.

Reference Station: Pensacola Fla.
Subordinate Station: Cat Is. (West Pt.) Miss

<table>
<thead>
<tr>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
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</thead>
<tbody>
<tr>
<td>1.3</td>
<td>1.7</td>
<td></td>
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<tr>
<td>1.3</td>
<td>1.7</td>
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Washington Office Review by (IV): A.K. Hurwood

Date: Oct 1957

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 1
Shoreline (More than 200 meters to opposite shore) (III): 4
Note: Shoreline less than 200 meters to opposite shore (III):
Control Leveling - Miles (II): None
Number of Triangulation Stations searched for (II): 1 (1)* Recovered: none Identified: none (1)*
Number of BMs searched for (II): None
Number of Recoverable Photo Stations established (II): None
Number of Temporary Photo Hydro Stations established (II): None

Remarks:
( )* Third-Order stations established
SUMMARY TO ACCOMPANY TOPOGRAPHIC MAP

This topographic map is one of 17 similar maps of Project PH-89. It covers a portion of Louisiana from Mississippi Sound south to Breton Sound.

Project PH-89 is a graphic compilation project. Field work in advance of compilation included the establishment of some additional control, complete field inspection, the delineation of 5 foot contours directly on the nine-lens photographs by planitable methods, and the investigation of geographic names and political boundaries.

Since almost all the terrain was marsh, only 3 of the maps on PH-89 were field edited. They are T-9660, T-9665, T-9667. All were compiled at the scale of 1:20,000, using nine-lens photographs taken in 1952. Newer 6x7 camera photographs taken in 1955 were used to revise delineation where necessary. There were few such cases.

With the addition of hydrographic data these maps will be forwarded to the Geological Survey for publication as standard 7.5 minute quadrangles.

Items registered under each map number will include a Cronar film positive and a descriptive report.
2. AREAL FIELD INSPECTION

The entire land area is marsh and consists of the eastern half of Comfort Island and a small tip of land in the northeast corner of the quadrangle.

Field inspection is believed to be adequate and complete.

Photographic quality is poor.

Field work was done on single lens photographs MDA-6-33(2 of 2) and MDA-6-33(1 of 2).

3. HORIZONTAL CONTROL

The following third-order triangulation station was established during the field work: COMFORT 1952.

4. VERTICAL CONTROL

Drum Bay tide staff was used to establish mean sea level datum in this quadrangle. See "Special Report, Vertical Control and Contouring, Project Ph-89".

5. CONTOURS AND DRAINAGE

See "Special Report, Vertical Control and Contouring, Project Ph-89".

6. to 8. WOODLAND COVER, SHORELINE AND ALONGSHORE FEATURES, and OFFSHORE FEATURES, respectively:

See Field Inspection Report, Quadrangle T-9659( ).

9. LANDMARKS AND AIDS

There are no landmarks nor aids in the area.

10. BOUNDARIES, MONUMENTS AND LINES

See Field Inspection Report, Quadrangle T-9659( ).

11. OTHER CONTROL

There is no other control.

12. OTHER INFERIOR FEATURES

None.
13. **GEOGRAPHIC NAMES**

See "Special Report, Geographic Names, Project Ph-89".

14. **SPECIAL REPORTS AND SUPPLEMENTAL DATA**

"Special Report, Vertical Control and Contouring, Project Ph-89", to be submitted at a later date.

"Special Report, Boundaries, Project Ph-60(49)", forwarded to Washington Office 5 September 1951.

"Special Report, Geographic Names, Project Ph-89", to be forwarded at a later date.

Letter of Transmittal No. 89-7, Horizontal Control Data, forwarded to Tampa Photogrammetric Office 27 August 1952.

Letter of Transmittal No. 89-10, Horizontal Control Data, forwarded to Washington Office 27 August 1952.

Letter of Transmittal No. 89-11, Forms 567, forwarded to Washington Office 8 September 1952.

Letter of Transmittal No. 89-12, Forms 567, forwarded to Tampa Photogrammetic Office 8 September 1952.

Letter of Transmittal No. 89-17, Data, Quadrangles T-9665( ), T-9666( ), T-9667( ), T-9668( ), and T-9669( ), forwarded to Washington Office 17 September 1952.

Submitted
8 September 1952

Steven L. Hollis, Jr.
Lieut. (j.g.), U.S.C. & G.S.

Approved & Forwarded
17 September 1952

Percy L. Bernstein
Chief of Party
31. **DELINEATION**

The graphic method of compilation was used; no unusual problems were encountered.

The photographs were of fair quality in scale and tone. Field inspection was satisfactory.

The manuscript is complete. Refer to Item 36 for an island that disappeared between the time of field inspection and the office nine-lens photography.

32. **CONTROL**

Reference Photogrammetric Plot Report.

33. **SUPPLEMENTAL DATA**

None.

34. **CONTOURS AND DRAINAGE**

The maximum ground elevation is 2 feet. No difficulties were encountered in delineation of the drainage.

35. **SHORELINE AND ALONGSHORE DETAILS**

The shoreline was delineated in accordance with the field inspectors notes.

36. **OFFSHORE DETAILS**

A small island approximately 250 meters east of Point Comfort, which had been noted on the single-lens field inspection photographs, could not be seen on the nine-lens compilation photographs. Since the nine-lens photographs were taken seven months after the field inspection photographs, it is believed the island was washed away during an intervening storm and therefore it was not delineated.

37. **LANDMARKS AND AIDS**

None.

*No island is visible in the area on the 1955 photographs. The island noted on the single lens field inspection photographs is approximately 20-4 meters in its longest dimension. As noted above (36-7) the island was probably washed away.*
38. CONTROL FOR FUTURE SURVEYS
   There are no recoverable topographic stations or photo-hydro stations.

39. JUNCTIONS
   Junction was made to the north with T-9664, and T-9668 to the west. CHANDELEUR SOUND lies east and south of the quadrangle.

40. HORIZONTAL AND VERTICAL ACCURACY
   No statement.

41. PUBLIC LAND LINES
   No control for the location of public land lines was recovered by the field inspector.

46. COMPARISON WITH EXISTING MAPS
   Comparison was made with C&GS Planimetric Map T-5409, scale 1:20,000, compiled in November 1932, and USGS MORGAN HARBOR and MITCHELL KEYS Quadrangles, scale 1:31,680, edited in 1935.
   The only discrepancies noted were a change in the position and shape of the shoreline, due to erosion by wave action and the southern portion of a small marsh island which had been omitted from the southern corner of the MITCHELL KEYS QUADRANGLE.

47. COMPARISON WITH NAUTICAL CHARTS
   Comparison was made with C&GS Chart 1270, scale 1:80,000, published June 1947 (2nd Edition) and bearing a print date 18 October 1954. No differences worthy of note exist.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY
   None

ITEMS TO BE CARRIED FORWARD
   None

Approved and Forwarded:

[Signature]
Ira R. Rubottom
Chief of Party
48. GEOGRAPHIC NAME LIST

CHANDELEUR SOUND
COMFORT ISLAND

LOUISIANA

POINT COMFORT

ST. BERNARD PARISH

Names approved
10-12-55. L. Heck
PHOTOGRAMMETRIC OFFICE REVIEW


CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy M.M.S. 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) XX 7. Photo hydro stations XX 8. Bench marks XX

ALONGSHORE AREAS
(Nautical Chart Data)

PHYSICAL FEATURES

CULTURAL FEATURES

BOUNDARIES
31. Boundary lines XX 32. Public land lines J.G.

MISCELLANEOUS
40. Jesse A. Stiles M.M. Slaviney
Reviewer Supervisor, Review Section or Unit
for William A. Rasure

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:
None
For Review Report see Manuscript T-9668
Review Report T-9668, T-9669
Topographic Map
16 October 1957

61. General Statement

See Summary

62. Comparison with Registered Topographic Surveys

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<td>1934</td>
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</table>

Manuscripts T-9668, T-9669 supersede all the above surveys in common areas as source material for use in chart construction.

63. Comparison with Maps of Other Agencies

USGS Morgan Harbor 1:31,680 1935

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

Chart 1270 1:80,000 2nd Ed. 1947 12/17/56

66. Adequacy of Results and Future Surveys

This manuscript complies with all instructions and meets the National Standards of Map Accuracy.

The terrain is completely marsh with no roads and one house. In view of this no Field Edit was needed.

The compilation was compared with USCGS 1955 "W" camera photography. No changes were made.

Reviewed by:

A. K. Heywood
Approved:

[Signature]
Chief, Review Branch
Photogrammetry Division

[Signature]
Chief, Photogrammetry Div.
21 March 1958

[Signature]
Chief, Coastal Surveys Division

[Signature]
Chief, Nautical Chart Branch
Charts Division