# DESCRIPITIVE REPORT

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Topographic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>Ph-60(49)B</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-9385</td>
</tr>
</tbody>
</table>

## LOCALITY

<table>
<thead>
<tr>
<th>State</th>
<th>Mississippi</th>
</tr>
</thead>
<tbody>
<tr>
<td>General locality</td>
<td>Mississippi Sound</td>
</tr>
<tr>
<td>Locality</td>
<td>Dog Keys Pass</td>
</tr>
</tbody>
</table>

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**19450**

**CHIEF OF PARTY**

G. E. Morris, Jr., Chief of Field Party
A. L. Wardwell, Tampa Photogrammetric Office

**DATE** September, 1957
DATA RECORD

T -9385

Project No. (II): Ph-60(49)B  Quadrangle Name (IV):

Field Office (II): Gulfport, Mississippi  Chief of Party: George E. Morris, Jr.

Photogrammetric Office (III): Tampa, Florida  Officer-in-Charge: Arthur L. Wardwell

Instructions dated (II) (III): 8 August 1950

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): MAR 17 1952

Data reported to Nautical Chart Branch (IV): APR 3 - 1952

Applied to Chart No. Date: Date registered (IV): 3 - 2 4 - 57

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927  Vertical Datum (III): MSL

Mean sea level except as follows:
Elevations shown as (2) 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): SHIP ISLAND LIGHTHOUSE, 1902 (on T-9384)

Lat.: 30° 12' 45.14" (1390.1m) Long.: 88° 57' 57.838 (1546.9m)

Adjusted  Unadjusted

Plane Coordinates (IV): State: Mississippi Zone: East

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

Field Inspection by (II): W. M. Reynolds  Date: October 1950

Planetary contouring by (II): W. M. Reynolds  Date: October 1950

Completion Surveys by (II): None  Date:

Mean High Water Location (III) (State date and method of location): 12 Oct. 1950 Air Photo Compilation

Projection and Grids ruled by (IV): T. L. J. (W.O.)  Date: 12 Feb. 1951


Control plotted by (III): I. I. Saperstein  Date: 26 Apr. 1951

Control checked by (III): R. J. Pate  Date: 17 May 1951

Radial Plot of (III): M. M. Slavney  Date: 26 July 1951

Stereoscopic Instrument compilation (III): Planimetry Inapplicable
Contours  Date:


Photogrammetric Office Review by (III): J. A. Giles  Date: 13 Dec. 1951

Elevations on Manuscript checked by (III): J. A. Giles  Date: 12 Dec. 1951

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>2601-3</td>
<td>15 May 1950</td>
<td>1546</td>
<td>1:20,000</td>
<td>0.4</td>
</tr>
<tr>
<td>2604-6</td>
<td></td>
<td>1551</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tide (III)

Reference Station: PENNSACOLA
Subordinate Station: SHIP ISLAND PASS

Washington Office Review by (IV): Everett H. Ramey
Final Drafting by (IV): J.H. Frazier
Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 
Shoreline (More than 200 meters to opposite shore) (III): 2
Shoreline (Less than 200 meters to opposite shore) (III): none
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 1 (8)
Recovered: 0
Identified: (2)
Number of BMs searched for (II): 0
Recovered: 0
Identified: 0
Number of Recoverable Photo Stations established (III): none
Number of Temporary Photo Hydro Stations established (III): none

Remarks: ( ) Outside quadrangle.
Summary to Accompany Topographic Map T-9385

This topographic map is one of eleven similar maps of Part B of Project Ph-60. Part B covers the islands in Mississippi, Chandeleur and Breton Sounds in Louisiana and Mississippi.

Project Ph-60 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 photographs by planimetric methods, and the investigation of geographic names and political boundaries.

None of the maps of Part B of Project Ph-60 were field edited. All were compiled at a scale of 1:20,000, using nine-lens photographs taken in 1950. With the addition of hydrographic data, these maps will be forwarded to the Geological Survey for publication as standard 7-1/2-minute topographic maps.

Items registered under each map number will include a descriptive report, electrical copies of the manuscript and the published map.
FIELD INSPECTION REPORT IS BOUND

WITH T-9384.
PHOTOMETRIC PLOT REPORT

This report is filed as part of the Descriptive Report for T-9383 and covers maps T-9383 thru T-9393.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</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>
</tr>
</thead>
<tbody>
<tr>
<td>TRAVERSE PT. NO. 3</td>
<td>Comp.</td>
<td>N.A. 1927</td>
<td>210.873.30</td>
<td>873.30 (9126.70)</td>
<td>E. of T.9385</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>533.000.17</td>
<td>3,000.17 (6999.83)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRAVERSE PT. NO. 5</td>
<td>&quot;</td>
<td>&quot;</td>
<td>210.833.47</td>
<td>833.47 (9166.53)</td>
<td>E. of T.9385</td>
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<tr>
<td></td>
<td></td>
<td>527.680.85</td>
<td>7,680.85 (2519.15)</td>
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<td></td>
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</tr>
<tr>
<td>TRAVERSE PT. NO. 6</td>
<td>&quot;</td>
<td>&quot;</td>
<td>209.908.10</td>
<td>9,908.10 (91.90)</td>
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<tr>
<td></td>
<td></td>
<td>523.840.98</td>
<td>3,840.98 (6159.02)</td>
<td></td>
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</tr>
<tr>
<td>TRAVERSE PT. NO. 7</td>
<td>&quot;</td>
<td>&quot;</td>
<td>209.534.89</td>
<td>9,534.89 (465.11)</td>
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<tr>
<td></td>
<td></td>
<td>522.583.31</td>
<td>2,583.31 (7416.69)</td>
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<td></td>
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<tr>
<td>S.P. CRAB RM 1, 1935</td>
<td>&quot;</td>
<td>&quot;</td>
<td>212.456.87</td>
<td>2,456.87 (7543.13)</td>
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<tr>
<td></td>
<td></td>
<td>538.844.31</td>
<td>8,844.31 (1155.69)</td>
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<td></td>
<td></td>
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<tr>
<td>S.P. SHOE RM 1, 1935</td>
<td>&quot;</td>
<td>&quot;</td>
<td>206.410.69</td>
<td>6,410.69 (3589.31)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>558.307.88</td>
<td>8,307.88 (1692.12)</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

1 FT. = 0.3048006 METER

COMPUTED BY: I. I. Saperstein
DATE: 11 April 1951
CHECKED BY: R. J. Pate
DATE: 12 April 1951
PHOTOGRAMMETRIC PLOT REPORT.

Submitted with T-9383.

31. DELINEATION.

Compiled by graphic method. No unusual method of compilation was employed. The field inspection was adequate.

32. CONTROL.

A sufficient number of well placed secondary control points were established by the radial plot.

33. SUPPLEMENTAL DATA.

None.

34. CONTOURS AND DRAINAGE.

Reference Item 5.

35. SHORELINE AND ALONGSHORE DETAILS.

The shoreline inspection was adequate. For low-water line information, refer to Item 7.

36. OFFSHORE DETAILS.

None.

37. LANDMARKS AND AIDS.

None.
38. CONTROL FOR FUTURE SURVEYS.

None.

39. JUNCTIONS.

Survey T-9382 on the north, in agreement.
Survey T-9386 on the south, in agreement.
Survey T-9384 on the west, in agreement.
No contemporary survey on the east.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement.

41. PUBLIC LAND LINES.

No section corners were recovered, therefore it was not possible to locate section lines from General Land Office plats.

46. COMPARISON WITH EXISTING MAPS.

None.

47. COMPARISON WITH NAUTICAL CHARTS.

Comparison has been made with USCGS Nautical Chart No. 1267, scale 1:80,000, published March 1947 (6th Edition) and corrected to March 1951. The fast land of "SHIP ISLAND" has extended northeastwardly to include the islet shown on the nautical chart as "EAST POINT".

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.

APPROVED AND FORWARDED:

Rafael E. Smith Jr.
Carto Photo Aid

Arthur L. Wardwell, Chief of Party
REVIEW REPORT
Topographic Map T-9385
27 January 1955

62. Comparison with Registered Topographic Surveys:

<table>
<thead>
<tr>
<th>Survey</th>
<th>Scale</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Misc. 2</td>
<td>1:200,000</td>
<td>1845</td>
</tr>
<tr>
<td>T-244</td>
<td>1:20,000</td>
<td>1848</td>
</tr>
<tr>
<td>T-274</td>
<td>&quot;</td>
<td>1849</td>
</tr>
<tr>
<td>T-407</td>
<td>1:10,000</td>
<td>1853</td>
</tr>
<tr>
<td>T-3701</td>
<td>1:40,000</td>
<td>1916-17</td>
</tr>
<tr>
<td>T-3703</td>
<td>&quot;</td>
<td>1917</td>
</tr>
<tr>
<td>T-7017</td>
<td>1:10,000</td>
<td>1946</td>
</tr>
</tbody>
</table>

Considerable changes in shoreline have occurred since these surveys. No trace of the island (T-3703) at lat. 30° 15.1', long. 88° 43.1', is discernible on the photographs. For the area it encompasses, T-9385 is to supersede these prior surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

Horn Island, Miss. (G.S. 1942) 1:62,500

This map covers the western tip of Horn Island which is common to T-9385. There is some difference in shoreline.

64. Comparison with Contemporary Hydrographic Surveys:

None.

65. Comparison with Nautical Charts:

875 1:40,000 1952, corrected to 54-2/15

The only difference noted is in foreshore areas which were not positioned on T-9385.

66. Adequacy of Results and Future Surveys:

This map meets the National Standards of Map Accuracy. Except for the lack of topographic stations, it should satisfy Bureau requirements.

Reviewed by:

[Signature]

Everett H. Ramey
APPROVED:

Lester C. Land
Chief, Review Section
Photogrammetry Division

Wallace A. Brudel 9/1/57
Chief, Nautical Chart Branch
Charts Division

M. Swanson
Chief, Photogrammetry Division
Aug 28, 1957

Chief, Coastal Surveys Division
HISTORY OF HYDROGRAPHIC INFORMATION FOR T-9385

Hydrography was added to the map manuscript in accordance with the Photogrammetry Division General Specifications of 18 May 1949.

Depth Curves and soundings are in feet at Mean Lower Low Water datum and originate with the following C&GS Nautical Charts:

<table>
<thead>
<tr>
<th>No.</th>
<th>Scale</th>
<th>Corrected to</th>
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<tbody>
<tr>
<td>875</td>
<td>1:40,000</td>
<td>8-22-55</td>
</tr>
<tr>
<td>1276</td>
<td>1:30,000</td>
<td>1-2-56</td>
</tr>
</tbody>
</table>

Comparison of hydrography was made to Hydrographic Survey No. 365 (1853 and 1889), Scale 1:20,000 and Hydrographic Survey No. 4,000 (March 18, 1917), Scale 1:40,000.

Hydrography was compiled by Bernard J. Colner on 20 January 1956 and verified by O. Svendsen on 9 February 1956.
18. Geographic Name List.

- Dog Keys Pass
- East Point
- Gulf of Mexico
- Harrison County
- Horn Island
- Jackson County
- Mississippi
- Mississippi Sound
- Ship Island
- Supervisors District 1 (Harrison County)
- Supervisors District 4 (Jackson County)

Names underlined in red are approved. 8-21-52
L. Heck

\{ Not mapped. 1/2\}
19. NOTES FOR THE HYDROGRAPHER.

None.
# Tide Computation

**Project No.: Ph. 60(50).T. 9385**

**Time and Date of Exposure:** 1551, 5-15-50

**Reference Station:** PENSACOLA

**Date of Field Inspection:** 24. October 1950

**Subordinate Station:** SHIP ISLAND PARS

**Mean Range:**

<table>
<thead>
<tr>
<th>Height</th>
<th>Height x Ratio of Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>High tide</td>
<td>-0.1</td>
</tr>
<tr>
<td>Low tide</td>
<td>-0.1</td>
</tr>
<tr>
<td>Duration of Rise or Fall</td>
<td>1.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Height</th>
<th>Height x Ratio of Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>High tide</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>Low tide</td>
<td>1.7</td>
<td></td>
</tr>
<tr>
<td>Range of Tide</td>
<td>1.8</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Ht. N/T</th>
<th>Tabular Correction</th>
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</thead>
<tbody>
<tr>
<td>9 11</td>
<td>-0.1</td>
<td>Feature bares</td>
</tr>
<tr>
<td>9 11</td>
<td>0.5</td>
<td>Stage of tide above MLW</td>
</tr>
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</tr>
</tbody>
</table>

**Computed by R. E. Smith Jr.** **Checked by C. J. Downing**
PHOTOGRAMMETRIC OFFICE REVIEW

T-9385


CONTROL STATIONS

ALONGSHORE AREAS
(Nautical Chart Data)

PHYSICAL FEATURES

CULTURAL FEATURES

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

MISCELLANEOUS
40. ___ J.G. 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:
Applied to chart 875 before Review 12-11-53 and
Completely applied to ch 876 before Review Dec 1953 - auto