**TP-00039**

**NOAA FORM 76-35**

**U.S. DEPARTMENT OF COMMERCE**
**NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**
**NATIONAL OCEAN SURVEY**

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Shoreline (Photogrammetric)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job No.</td>
<td>PR-6912</td>
</tr>
<tr>
<td>Map No.</td>
<td>TP-00039</td>
</tr>
<tr>
<td>Classification No.</td>
<td></td>
</tr>
<tr>
<td>Edition No.</td>
<td>1</td>
</tr>
<tr>
<td>Field Edited</td>
<td></td>
</tr>
</tbody>
</table>

**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>Mississippi, Louisiana</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Locality</td>
<td>Lake Borgne</td>
</tr>
<tr>
<td>Locality</td>
<td>Bay St. Louis</td>
</tr>
</tbody>
</table>

- **1969 TO 1970**

**REGISTRY IN ARCHIVES**

**DATE**

*U.S. GOVERNMENT PRINTING OFFICE: 1973-761-775*
MAP NOT INSPECTED IN QUALITY CONTROL PRIOR TO REGISTRATION
**DESCRIPTIVE REPORT - DATA RECORD**

**TP-00039**

**PROJECT NO. (III):**

PH-6902

**FIELD OFFICE (III):**

Pass Christian, MISS.

**CHIEF OF PARTY**

D. M. Fuller

**PHOTOGRAMMETRIC OFFICE (III):**

Atlantic Marine Center, Norfolk, VA

**OFFICER-IN-CHARGE**

Alfred C. Holmes, Director

**INSTRUCTIONS DATED (III):**

- Office-Aerotriangulation - June 13, 1969
- Office-Compilation - July 25, 1969
- Office-Amendment I - Oct. 6, 1969
- Office-Amendment 2 - Dec. 11, 1969
- Office-Supplement I - May 13, 1970
- Post Compilation Field No Date Apr. 6, 1970
- Field - April 28, 1969
- Field - Supplement I - October 7, 1969
- Review of Instructions - June 20, 1972

**METHOD OF COMPILATION (III):**

Wild B-8 Stereoplotter

**MANUSCRIPT SCALE (III):**

1:10,000

**STEREOGRAPHIC PLOTTING INSTRUMENT SCALE (III):**

1:15,000 Pantographed to 1:10,000

**DATE RECEIVED IN WASHINGTON OFFICE (IV):**

**DATE REPORTED TO NAUTICAL CHART BRANCH (IV):**

**APPLIED TO CHART NO.**

**DATE:**

**DATE REGISTERED (IV):**

Aug. 24, 1975

**GEOGRAPHIC DATUM (III):**

N.A. 1927

**REFERENCE STATION (III):**

West, 1954

**LAT:**

30° 19' 08.841" N

**LONG:**

89° 19' 15.975" W

**PLANE COORDINATES (IV):**

237,603.05 Ft. x = 346,092.03 Ft.

**STATE:**

Mississippi

**ZONE:**

East

**VERTICAL DATUM (III):**

Mean sea level, except as follows:

- Elevations shown as (H) refer to mean high water
- Elevations shown as (L) refer to sounding datum
  i.e., mean low water or mean lower low water

**ADJUSTED**

**UNADJUSTED**

**ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (III) 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.**
**DESCRIPTIVE REPORT - DATA RECORD**

**TP-00039**

<table>
<thead>
<tr>
<th>FIELD INSPECTION BY (II):</th>
<th>DATE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Photo Compilation - June 3, 1969, Date of Photography.</td>
</tr>
<tr>
<td>Oct. 16, 1969 (After &quot;Camille&quot;)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROJECTION AND GRIDS RULED BY (IV):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coradomat Auto Plotter</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROJECTION AND GRIDS CHECKED BY (IV):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coradomat Auto Plotter</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONTROL PLOTTED BY (III):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coradomat Auto Plotter</td>
<td>Feb. 20, 1970</td>
</tr>
<tr>
<td>Triangulation - B.J. Wilson</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONTROL CHECKED BY (III):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coradomat Auto Plotter</td>
<td>Feb. 20, 1970</td>
</tr>
<tr>
<td>Triangulation - A.C. Rauck, Jr.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):</th>
<th>DATE</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>STEREOSCOPIC INSTRUMENT COMPILATION (III):</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLANIMETRY</td>
</tr>
<tr>
<td>A. Shands</td>
</tr>
<tr>
<td>Reviewed by C.H. Bishop</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONTOURS</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inapplicable</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MANUSCRIPT DELINEATED BY (III):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Wilson</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCRIBING BY (III):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHOTOGRAMMETRIC OFFICE REVIEW BY (III):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compilation - C. H. Bishop</td>
</tr>
<tr>
<td>Field Edit - A. Shands</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REMARKS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Edit By: Rodger P. Hewitt</td>
</tr>
</tbody>
</table>

---
### Photographs (III)

<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>69L(C)-9457</td>
<td>June 3, 1969</td>
<td>13:29 CST</td>
<td>1:30,000</td>
<td>2.1 ft. above MLW</td>
</tr>
<tr>
<td>69L(C)-6205-6206</td>
<td>Oct. 16, 1969</td>
<td>12:10 CST</td>
<td>1:20,000</td>
<td>0.0 ft. above MLW</td>
</tr>
<tr>
<td>69L(C)-6215-6219</td>
<td>Oct. 16, 1969</td>
<td>12:10 CST</td>
<td>1:20,000</td>
<td>0.0 ft. above MLW</td>
</tr>
<tr>
<td>69L(C)-6284-6287</td>
<td>Oct. 16, 1969</td>
<td>13:06 CST</td>
<td>1:20,000</td>
<td>0.1 ft. below MLW</td>
</tr>
<tr>
<td>69L(C)-6252-6253</td>
<td>Oct. 16, 1969</td>
<td>12:39 CST</td>
<td>1:20,000</td>
<td>0.0 ft. at MLW</td>
</tr>
<tr>
<td>69L(C)-6255-6257</td>
<td>Oct. 16, 1969</td>
<td>12:39 CST</td>
<td>1:20,000</td>
<td>0.0 ft. at MLW</td>
</tr>
<tr>
<td>69L(C)-6267-6268</td>
<td>Oct. 16, 1969</td>
<td>12:49 CST</td>
<td>1:20,000</td>
<td>0.1 ft. below MLW</td>
</tr>
<tr>
<td>69L(C)-6276-6278</td>
<td>Oct. 16, 1969</td>
<td>13:06 CST</td>
<td>1:20,000</td>
<td>0.1 ft. below MLW</td>
</tr>
</tbody>
</table>

### Tide (III)

#### Reference Station:
- Pensacola, Florida
  - Tide: 0.6' 1.3'

#### Subordinate Station:
- Bay St. Louis, Mississippi
  - 0.8' 1.6'

### Remarks:
*See Forms 524 & 152 for Arch, 1950 and Bank, 1950.*
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compilation Complete</td>
<td>Feb., 1970</td>
<td>Superseded</td>
</tr>
<tr>
<td>Pending Field Edit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Edit Applied</td>
<td>Aug., 1971</td>
<td>Superseded</td>
</tr>
<tr>
<td>Final Review</td>
<td>Feb., 1974</td>
<td></td>
</tr>
</tbody>
</table>
SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT TP-00039

This 1:10,000 scale shoreline manuscript is one of 16 maps that comprise Project PH-6902, Lake Borgne, MISS. - LA. The project diagram indicates the location of this map in the project.

The only field work prior to compilation was recovery and premarking of horizontal control required for aerotriangulation.

Hurricane Camille, which struck the Gulf Coast in August, 1969, caused extensive damage and shoreline changes in the mapping area. Bridging photography was taken in June 1969, before the hurricane. In general, piers and roads were compiled with the B-8 plotter, using diapositives of the bridging photographs. New photographs were taken at 1:20,000 scale in October, 1969. Shoreline was compiled graphically from these photographs because they were taken after the hurricane and were of better tonal quality.

Field edit was done in December, 1970. One aid to navigation was relocated by planetable during this operation.

Final review was done at the Atlantic Marine Center in February, 1974.

The original manuscript was a stabilene sheet five (5) minutes in latitude by five (5) minutes in longitude.

A negative and a cronaflex positive copy of the final reviewed map were forwarded for record and registry.
FIELD INSPECTION REPORT

PH - 6902

TP-00039

There was no field inspection prior to compilation.
Shoreline Mapping, Lake Borgne, La.

FIELD

JOB PH-6902

Premark was done in accordance with Instructions received 29 April, 1969.

All stations were premarked using panel array no. 2.

MILT, 1969 was established in target area no. 4 on flight line 30-1. Permission to establish MILT, 1969 as third-order was obtained from C-1413.

Photography was completed on 3 June 1969.

Respectfully Submitted,

Dale M. Fuller
Photo Party 61
Pass Christian, Miss
21. **Area Covered**

This project dealt with an area on the Mississippi Gulf Coast in the Mississippi Sound - St. Louis Bay area. T-sheets covering this area are as follows:

1:10,000 sheets:
- TP-00036, TP-00037, TP-00038, TP-00039

1:20,000 sheets:
- TP-00041

22. **Method**

Strip #1 (Photos 69-L(C)-9449-62) was bridged on the Zeiss C-8 stereoplanigraph. Strip #3 (Photographs 69-L(C)-9408-16) was bridged on the Zeiss C-5 stereoplanigraph.

Strip #2 was not bridged. It was decided that the side overlap of Strips #1 & 3 was such that the bridging of Strip #2 was unnecessary. Model 9469-70 in Strip #2 can be controlled using tie points 69-L(C)-57801, 12801, 13801, 13802, 13803 and 13804 from the other strips.

Strips #1 and #3 were adjusted using the conventional aero-triangulation strip adjustment method.

23. **Adequacy of Control**

The location and number of horizontal control points was adequate for both Strip #1 and Strip #3. All control was held to within acceptable limits.

Strip #1 was adjusted using five of the eight horizontal control stations in the strip. Strip #3 was adjusted using all three control stations in the strip plus tie point #65801 from Strip #1.

24. **Supplemental Data**

None
25. **Photography**

The photography for this project was acceptable but was
darker than desired. Darkness became especially objection-
able near the corners of the models. All of the photography
suffered from this trouble.

For some reason no fiducials appeared on the photography.
The fiducial lights in the camera were probably not operating
at the time of photography.

Submitted,

Richard Fisher

Approved and forwarded,

Henry F. Eichert
Chief, Aerotriangulation Section
<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 OR PROJECTION LINE IN METERS (1 FT = 304.8006 meter)</th>
</tr>
</thead>
<tbody>
<tr>
<td>East, 1954</td>
<td>P.C. Form 164</td>
<td>N.A. 1927</td>
<td>236.699.02</td>
<td>1,699.02 (3,300.98)</td>
</tr>
<tr>
<td>West, 1954</td>
<td>300892 1071</td>
<td>N.A. 1927</td>
<td>30° 19' 08.841&quot;</td>
<td>272.2 (1575.4)</td>
</tr>
<tr>
<td>Pass Christian Inn, 1931</td>
<td>300892 1107</td>
<td>N.A. 1927</td>
<td>30° 19' 31.189&quot;</td>
<td>960.4 (887.2)</td>
</tr>
<tr>
<td>Henderson, 1917</td>
<td>300892 1038</td>
<td>N.A. 1927</td>
<td>30° 19' 14.721&quot;</td>
<td>453.3 (1393.6)</td>
</tr>
</tbody>
</table>

**COMPUTED BY:** A.C. Rauck, Jr.  
**DATE:** Dec. 1, 1969  
**CHECKED BY:** B. Wilson  
**DATE:** Feb. 19, 1970
COMPILATION REPORT

TP-00039

SPECIAL NOTE

The area north of 30° 18' and east of 89° 18' 45" was compiled as T-11807 (PH-6625). TP-00039 was tied to it within the requirements of the National Standards of Map Accuracy, although the alignment of the bridges is not perfect.

Hereinafter this compilation report pertains only to the portion not covered by T-11807.

31. Delineation

The Wild B-8 used for delineation of the roads; the other detail was graphically compiled.

There was no field inspection prior to compilation.

Photography was of excellent quality but excessive in number.

32. Control


33. Supplemental Data

None

34. Contours and Drainage

Contours - inapplicable.

Drainage was delineated from office interpretation of the photos.

35. Shoreline and Alongshore Details

The shoreline was delineated from office interpretation of the "before" and "after" hurricane "Camille" photos.
Some of the piers-in-ruins were delineated from the "before" photos, assuming that there may be some pilings still in position even though no traces were visible on the later photos.

No low water line was compiled. The photography, all at zero tide, indicated all the mean low water to be very close to the mean high water.

36. **OFFSHORE DETAILS**

   See items 37 and 46.

37. **LANDMARKS AND AIDS**

   Three Forms 76-40 were submitted to the Rockville office in February, 1974. *Chart Letter No. 252.*

38. **CONTROL FOR FUTURE SURVEYS**

   None.

39. **JUNCTIONS**

   There is only open water to the south of this map, and no contemporary survey to the east.

   Satisfactory junctions have been made with TP-00038 to the west and TP-00037 to the north.

40. **HORIZONTAL AND VERTICAL ACCURACY**

   No statement.

46. **COMPARISON WITH EXISTING MAPS**

   Comparison has been made with USGS BAY ST. LOUIS quadrangle, scale 1:24,000, dated 1956.
47. **COMPARISON WITH NAUTICAL CHARTS**

Comparison has been made with Chart 876-SC, scale 1:40,000, 4th edition, corrected to Oct. 26, 1968.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY**

None

**ITEMS TO BE CARRIED FORWARD**

(1) A submerged wreck just south of the west end of the R.R. bridge.

(2) Two ruins, on each side of the west of the highway bridge.

Respectfully submitted

[Signature]

for B. Wilson
Cartographic Technician
February 20, 1970

Approved for forwarding:

[Signature]

Jeffrey C. Carlen, CDR, NOAA
Chief, Coastal Mapping Division, AMC

Approved:

[Signature]

Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center
GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6902 (Mississippi Sound, Miss.-La.)

TF-00039

Bay St. Louis
Bay St. Louis Bridge
Henderson Point (community)
Henderson Point
Louisville and Nashville (RR)
Mallini Bayou
Mallini Point
Mississippi Sound
Pass Christian
St. Louis Bay

Prepared by:

Chas. E. Harrington
Staff Geographer
# PHOTOGRAAMETRIC OFFICE REVIEW

## T. P-00039

### 1. PROJECTION AND GRIDS

| 1. | CHB |

### 2. TITLE

| 2. | CHB |

### 3. MANUSCRIPT NUMBERS

| 3. | CHB |

### 4. MANUSCRIPT SIZE

| 4. |

### CONTROL STATIONS

| 5. | HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY |

| Corodomat Auto Plotter |

| 6. | RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) |

| La X |

| 7. | PHOTO HYDRO STATIONS |

### BENCHMARKS

| 8. | X |

### PLOTTING OF SEXTANT FIXES

| 9. | La X |

### PHOTOGRAMMETRIC PLOT REPORT

| 10. | Bridge - W. O. |

### ALONGSHORE AREAS (Nautical Chart Date)

| 11. | X |

### SHORELINE

| 12. | CHB |

### LOW-WATER LINE

| 13. | X |

### ROCKS, SHOALS, ETC.

| 14. | CHB |

### BRIDGES

| 15. | CHB |

### AIDS TO NAVIGATION

| 16. | CHB |

### LANDMARKS

| 17. | CHB |

### OTHER ALONGSHORE PHYSICAL FEATURES

| 18. | CHB |

### OTHER ALONGSHORE CULTURAL FEATURES

| 19. |

### PHYSICAL FEATURES

| 20. | WATER FEATURES |

| CHB |

### NATURAL GROUND COVER

| 21. | La X |

### PLANETARY CONTOURS

| 22. | X |

### STEREOSCOPIC INSTRUMENT CONTOURS

| 23. | X |

### CONTOURS IN GENERAL

| 24. | X |

### SPOT ELEVATIONS

| 25. | X |

### OTHER PHYSICAL FEATURES

| 26. | X |

### CULTURAL FEATURES

| 27. | ROADS |

| CHB |

### BUILDINGS

| 28. | CHB |

### RAILROADS

| 29. | X |

### OTHER CULTURAL FEATURES

| 30. | X |

### BOUNDARIES

| 31. | BOUNDARY LINES |

| X |

### PUBLIC LAND LINES

| 32. | X |

### MISCELLANEOUS

| 33. | GEOGRAPHIC NAMES |

| CHB |

### JUNCTIONS

| 34. | CHB |

### LEGIBILITY OF THE MANUSCRIPT

| 35. | CHB |

### DISCREPANCY OVERLAY

| 36. | CHB |

### DESCRIPTIVE REPORT

| 37. | CHB |

### FIELD INSPECTION PHOTOGRAPHS

| 38. | X |

### FORMS

| 39. | CHB |

### REVIEWER

| 40. | C.H. Bishop |

| Date: 2-28-70 |

### SUPERVISOR, REVIEW SECTION OR UNIT

| 41. | Albert C. Rauck, Jr. |

### REMARKS

| 42. | Field Edit Applied From - Field Edit Ozalid June, 1970 |

### Field Edit Planetary Sheet, Cronaflex - Photograph 69L(C)-6252 |

| 43. | |

| COMPILE: A.L. Shands |

| Date: 8-4-71 |

### SUPERVISOR |

| REVIEWER: C.E. Blood |

### FORM C&GS-1002 (19.66) |

### U.S. DEPARTMENT OF COMMERCE |

### COAST AND GEODETIC SURVEY |

### 16
FIELD EDIT REPORT
TP - 00039
JOB PH 6902
SHORELINE MAPPING
LAKE BORONG, LOUISIANA
DECEMBER, 1970

Respectfully Submitted,
R. P. Hewitt
Roger P. Hewitt, Ensign NOAA
Chief, Photo Party 61
52. **Adequacy of Compilation**

Considering there was no Field Inspection prior to compilation, the compilation was adequate.

54. **Recommendations**

None.

56. **Additional Information**

Numerous piling and piers were located by planetable methods on the cronaflex copy of the manuscript. In the Mallini Point area a series of canals were located by planetable methods on the cronaflex copy to aid the hydrographer. A Form 567 was submitted for all Aids to Navigation and LDMK'S.

The ozalid copy serves as an index and inventory for all corrections to be applied to the manuscript. All corrections are shown in violet ink.

At the time of field edit the piers on this manuscript were in various stages of being rebuilt. Also during hydrography the piers were being rebuilt. The boat sheet location of the piers are the latest and should be considered current.

Two new small craft facilities were located on the ozalid copy and a form 77-3 was submitted for each. One facility was discontinued and a form 77-3 was submitted. Two boat ramps were delineated on the ozalid copy.
The following objects have been inspected from seaward to determine their value as landmarks:

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TANK</td>
<td>(Bay St. Louis Municipal Water Tank, 1931)</td>
<td>30° 18' 53.74&quot;</td>
<td>89° 19' 44.17&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>165.5</td>
<td>1180.2</td>
</tr>
<tr>
<td>CUPOLA</td>
<td>Bay St. Louis St. Stanislaus College Cupola, 1909</td>
<td>30° 18' 23.06&quot;</td>
<td>89° 19' 42.55&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>710.1</td>
<td>1136.0</td>
</tr>
</tbody>
</table>

**Method and Date of Location**

- Triang Rec.
- 12/10/70
- 8768C
- 1268

- Triang Rec.
- 6/7/70
- "
- "

**Charts Affected**

- 19
<table>
<thead>
<tr>
<th>Charting Name</th>
<th>Description</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Field Inspection</th>
<th>Compilation</th>
<th>Field Edit</th>
</tr>
</thead>
<tbody>
<tr>
<td>TANK</td>
<td>Mississippi Sound (Pass Christian Inn By The Sea Tank,1931)ht=130 (135)</td>
<td>30 18 31.189</td>
<td>89 17 36.291</td>
<td>653(P) 1827 1/27/66</td>
<td>Triang Rec 6/7/70</td>
<td>876SC 1268</td>
</tr>
<tr>
<td>DOME</td>
<td>Hancock County Courthouse Dome ht= 90(112)</td>
<td>30 18 38.352</td>
<td>1181 89 19 1106</td>
<td>69L(C) 6205 10/10/71</td>
<td>6/7/70</td>
<td></td>
</tr>
<tr>
<td>TOWER</td>
<td>Clock Tower ht=85(105)</td>
<td>30 18 40.006</td>
<td>89 19 1067</td>
<td>69L(C) 6205 10/10/71</td>
<td>6/7/70</td>
<td></td>
</tr>
<tr>
<td>Charting Name</td>
<td>Description</td>
<td>Datum</td>
<td>Method and Date of Location</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>------------------------------------</td>
<td>-------</td>
<td>-----------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PASS CHRISTIAN CHANNEL</td>
<td></td>
<td>N.A.1927</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LIGHT</strong></td>
<td>West Entrance Light 2</td>
<td>30 18</td>
<td>25.817 89 15 01.01</td>
<td>P. 3 8/11/70 876SC 1268</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LIGHT</strong></td>
<td>West Entrance Light 1</td>
<td>30 18</td>
<td>14.288 89 15 12.211</td>
<td>P. 3 8/11/70 876SC 1268</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LIGHT</strong></td>
<td>Square Handkerchief Shoal Light 2</td>
<td>30 16</td>
<td>22.715 89 18 58.237</td>
<td>F 4 a 9/2/70 876SC 1268</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BAYOU PORTAGE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LIGHT</strong></td>
<td>Channel Light 1</td>
<td>30 19</td>
<td>53.540 89 18 17.154</td>
<td>F 4 a 9/2/70 876SC 1268</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Planetable positions transferred to manuscript.
REVIEW REPORT TP-00039
SHORELINE
FEBRUARY 9, 1974

61. GENERAL STATEMENT:

See summary on page six of the Descriptive Report.

An ozalid comparison print showing differences noted in Par. 62, 64 and 65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with survey T-9379 N/2 and S/2, 1:10,000 scale, dated August, 1956. Significant differences between the old surveys and TP-00039 were shown in blue on the comparison print.

Transmission line poles, telephone poles, a submerged gas line, and a submerged cable mapped on T-9379 were not visible on the 1969 photography.

Shoreline changes east of Mallini Point are due to canals dug in a land development area since T-9379 was mapped.

TP-00039 supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle BAY ST. LOUIS, MISS., 1:24,000 scale, dated 1956. This map was copied from T-9379; therefore, differences were found to be the same.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with Boat sheets H-9156 (north of Lat. 30° 18' 30") and H-9177 (south of Lat. 30° 18' 30"), both 1:10,000 scale and both dated 1970. Few differences were noted. They are shown in purple on the comparison print.
65. **COMPARISON WITH NAUTICAL CHARTS:**

A comparison was made with Chart 876-SC, 1:40,000 scale, 8th edition, dated Nov., 1972. Significant differences were shown in red on the comparison print.

The position of Pass Christian Channel West Entrance Light 1, 1970 on TP-00039 is the field edit position located by plane-table on August 11, 1970. This position is in agreement with the position on Boat Sheet H-9177. The charted position appears to be pre-hurricane position.

66. **ADEQUACY OF RESULTS AND FUTURE SURVEYS:**

This map complies with project instructions and meets the requirements for National Standards for Map Accuracy.

Reviewed by:

Charles H. Bishop
Cartographer

Approved for forwarding:

Jeffrey G. Carlen, CDR, NOAA
Chief, Coastal Mapping Division

Approved:

Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center

Approved:

Chief, Photogrammetric Branch  Chief, Coastal Mapping Division
COMPARISON PRINT

Blue = T-9379 N/2
Purple = H-9156
Red = Chart 876 SC

19'30" x = 345,000 FT.

Bay Waveland Yacht Club

"Subm ruins not visible on photos"
COMPARISON PRINT

Blue = T-9379 N/2
Purple = H-9156

(JOINS SHEET TP-00037)

18'00"  17'30"

z = 355,000 FT.

Mallini Point

Pier

Pier in run

Pile

Pile

Pier

Pile

Pile

66-S-1865

66-S-1866

Mallini Bayou

OCTOBER 1954

1:10,000

TP-00039

1S BRIDGE (TOLL)
BAY ST LOUIS

DOME 1970
ht = 904 (112)

69 L.C. 6252

TOWER 1970
ht = 65 (105)

69 L.C. 6251

COMPARISON PRINT

Blue = T-9379 S/2
Purple = H-9177
Red = Chart 876 SC

Pier charted in good repair

not visible on photos.

19' 30"

89° A'00"
NOTE: Objects extending from beach into Mississippi Sound are storm tower outlets unless otherwise labelled.

This position was located by plane table on Aug. 3, 1970 by the field editor.

CHARTED POS (approx)

COMPARISON PRINT

Blue = T-9379 S/2
Purple = H-9177
Red = Chart 876 SC

TP-00039
1:10,000

15°30' 67°15'00"
Henderson Point

COMPARISON PRINT
Purple = H-9177

Located on H-9177
Not visible on photos