**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</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job No.</td>
<td>PH-6902</td>
</tr>
<tr>
<td>Map No.</td>
<td>TP-00045</td>
</tr>
<tr>
<td>Classification No.</td>
<td>Edition No. 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>Blind Bay</td>
</tr>
</tbody>
</table>

1969 TO 1971

**REGISTRY IN ARCHIVES**

<table>
<thead>
<tr>
<th>DATE</th>
<th></th>
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</table>

© U.S. GOVERNMENT PRINTING OFFICE: 1973-761-778
MAP NOT INSPECTED IN QUALITY CONTROL PRIOR TO REGISTRATION
PROJECT NO. (III):

PH-6902

FIELD OFFICE (III):
Pass Christian, Mississippi

CHIEF OF PARTY
Dale M. Fuller, Photo Party 61

PHOTOGAMMETRIC OFFICE (III):
Atlantic Marine Center - Norfolk, VA

OFFICER-IN-CHARGE
Alfred C. Holmes, Director, AMC

INSTRUCTIONS DATED (III) (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
Field - Apr. 28, 1969
Field - Supplement I - Oct. 7, 1969
Field - Post Compilation - Apr. 6, 1970
F & O - Review of Instructions - June 20, 1972

METHOD OF COMPILATION (III):
Wild B-8 Steroplotter

MANUSCRIPT SCALE (III):

1:20,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:30,000 Pantographed to 1:20,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE: 07-24-1975

DATE REGISTERED (IV):

GEOPHYSICAL DATUM (III):

N.A., 1927

REFERENCE STATION (III):

Blind Azimuth Mark, 1966

LAT.: 30°02′07.318″ (225.3 M.)

LONG.: 25°24′9.14″ (667.6 M.)

X ADJUSTED

☑ UNADJUSTED

PLANE COORDINATES (IV):

502,754.94 Ft. x = 2,604,265.42 Ft.

STATE: Louisiana

ZONE: South

Man 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-00045**

### FIELD INSPECTION BY (III):
None

### MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):
Air Photo Compilation - Nov. 15, 1969, Date of Photography.

### PROJECTION AND GRIDS RULED BY (IV):
- **Coradomat Auto Plotter**
  - **DATE**: Feb., 1970

### PROJECTION AND GRIDS CHECKED BY (IV):
- **Coradomat Auto Plotter**
  - **DATE**: Feb., 1970

### CONTROL PLOTTED BY (III):
- **Coradomat Auto Plotter**
- **Triangulation: R. White**
  - **DATE**: Feb., 1970
  - **Mar., 1970

### CONTROL CHECKED BY (III):
- **Coradomat Auto Plotter**
- **Triangulation: A.C. Rauck, Jr.**
  - **DATE**: Feb., 1970
  - **Mar., 1970

### RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):
- **DATE**

### STEREOSCOPIC INSTRUMENT COMPILATION (III):
- **Wild B-8**
- **PLANIMETRY**: L.O. Neterer, Jr.
  - **DATE**: April, 1970
- **CONTOURS**: A.L. Shands
  - **DATE**: April, 1970

### MANUSCRIPT Delineated by (III):
- **L.O. Neterer, Jr.**
  - **DATE**: May, 1970

### Reviewed by:
- **C.H. Bishop**
  - **DATE**: May, 1970

### SCRIBING BY (III):

### PHOTOGRAMMETRIC OFFICE REVIEW BY (III):
- **A.L. Shands**
  - **DATE**: Feb. 1974

### REMARKS:
- **Field Edit By**:
  - **William J. Mottner**: Survey Tech.
  - **Richard D. Olson**: LAUG NOAA
  - **November, 1971**
**Wild RC-8 "E"**

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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</thead>
<tbody>
<tr>
<td>68E(C)9089 thru 9092</td>
<td>Nov 15, 1969</td>
<td>0937 CST</td>
<td>1:20,000</td>
<td>0.8 ft. above MLW</td>
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<tr>
<td>68E(C)3331 and 3332</td>
<td>Nov 15, 1969</td>
<td>1156 CST</td>
<td>1:40,000</td>
<td>0.1 ft. above MLW</td>
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<tr>
<td>68E(C)3324 thru 3327</td>
<td>Nov 15, 1969</td>
<td>1144 CST</td>
<td>1:40,000</td>
<td>0.1 ft. above MLW</td>
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<tr>
<td>68E(C)3306 thru 3309</td>
<td>Nov 15, 1969</td>
<td>1129 CST</td>
<td>1:40,000</td>
<td>0.2 ft. above MLW</td>
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<tr>
<td>68E(C)3280 thru 3292</td>
<td>Nov 15, 1969</td>
<td>1116 CST</td>
<td>1:40,000</td>
<td>0.2 ft. above MLW</td>
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<tr>
<td>68(C)9074</td>
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<td>0923 CST</td>
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<tr>
<td>*69M(P)148 and 149</td>
<td>Nov 15, 1969</td>
<td>1345 CST</td>
<td>1:60,000</td>
<td>0.2 ft. below MLW</td>
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<td>*69M(P)185 and 186</td>
<td>Nov 15, 1969</td>
<td>1433 CST</td>
<td>1:60,000</td>
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*Instrument models*

**Predicted Tide (III)**

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<tr>
<th>Reference Station: Pensacola, Florida</th>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
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<tbody>
<tr>
<td></td>
<td>0.6</td>
<td>1.3</td>
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**Subordinate Station:** Bay St. Louis, Miss

<table>
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<th>Reference Station: Atlantic Marine Center</th>
<th>Date: March, 1974</th>
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**Washington Office Review By IV:** C.H. Bishop

**Proof Edit By IV:**

**Number Of Triangulation Stations Sought For (III):** 3

**Recovered:** 3

**Identified:** 3

**Number Of BM(S) Sought For (III):**

**Recovered:** 0

**Identified:** 0

**Number Of Recoverable Photo Stations Established (III):**

**Remarks:**

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U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

U.S.G.O. 18276-C-D31
HISTORY OF FIELD OPERATIONS

1. ❏ FIELD INSPECTION OPERATION  ☑ FIELD EDIT OPERATION

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>NAME</th>
<th>DATE</th>
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<tbody>
<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>Richard D. Olson</td>
<td>29 Nov 71</td>
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<tr>
<td>2. HORIZONTAL CONTROL</td>
<td>William J. Mottern</td>
<td>Oct. 71</td>
</tr>
<tr>
<td>3. VERTICAL CONTROL</td>
<td>William J. Mottern</td>
<td>Oct. 71</td>
</tr>
<tr>
<td>4. LANDMARKS AND AIDS TO NAVIGATION</td>
<td>William J. Mottern</td>
<td>Oct 71</td>
</tr>
<tr>
<td>5. GEOGRAPHIC NAMES INVESTIGATION</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>6. PHOTO INSPECTION</td>
<td>William J. Mottern</td>
<td>Oct 71</td>
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<tr>
<td>7. BOUNDARIES AND LIMITS</td>
<td>N/A</td>
<td></td>
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II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED  | N/A
2. VERTICAL CONTROL IDENTIFIED   | N/A

<table>
<thead>
<tr>
<th>PHOTO NUMBER</th>
<th>STATION NAME</th>
<th>PHOTO NUMBER</th>
<th>STATION DESIGNATION</th>
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</thead>
</table>

3. PHOTO NUMBERS (Clarification of details):

69 E(c) 3325-3327, 3287-3289, 3306-3310.

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

See forms 76-40.

<table>
<thead>
<tr>
<th>PHOTO NUMBER</th>
<th>OBJECT NAME</th>
<th>PHOTO NUMBER</th>
<th>OBJECT NAME</th>
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</thead>
</table>

5. GEOGRAPHIC NAMES: ☑ REPORT  ❏ NONE

6. BOUNDARY AND LIMITS: ☑ REPORT  ❏ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

None
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
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<td>Compilation Complete</td>
<td>May, 1970</td>
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<tr>
<td>Pending Field Edit</td>
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<tr>
<td>Field Edit Applied</td>
<td>March 7, 1972</td>
<td>Superseded</td>
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<tr>
<td>Final Review</td>
<td>March, 1974</td>
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Official Mileage
For Cost Accounts

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<th>Lot No.</th>
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<tr>
<td>00036</td>
<td>4</td>
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<tr>
<td>00037</td>
<td>6</td>
</tr>
<tr>
<td>00038</td>
<td>5</td>
</tr>
<tr>
<td>00039</td>
<td>3</td>
</tr>
<tr>
<td>00040</td>
<td>11</td>
</tr>
<tr>
<td>00041</td>
<td>11</td>
</tr>
<tr>
<td>00042</td>
<td>8</td>
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<td>00043</td>
<td>10</td>
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<td>00044</td>
<td>8</td>
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<tr>
<td>00045</td>
<td>12</td>
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<tr>
<td>00046</td>
<td>12</td>
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<tr>
<td>00047</td>
<td>10</td>
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<tr>
<td>00048</td>
<td>8</td>
</tr>
<tr>
<td>00049</td>
<td>7</td>
</tr>
</tbody>
</table>
| Total   | 115         

PH-6902
LAKE BORGNE MISS. L
SHORELINE MAPPING
SCALE 1:10000-1:20,000C
SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT TP-00045

This 1:20,000 scale, shoreline manuscript is one of 16 maps that comprise Project PH-6902, Lake Borgne, MISS - LA. The project diagram shows the location of this map in the project.

The only field work before compilation was the recovery, identification, and premarking of horizontal control required for bridging.

Compilation was by Wild B-8 plotter and graphic. See Par. 31, Compilation Report, bound with this Descriptive Report.

Field Edit was done in August and November, 1971.

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

The original manuscript was a stabilene sheet 10 minutes in latitude by 10 minutes in longitude.

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

PH-6902
TP-00045

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-114-13.

Photography was completed on 3 June 1969.

Respectfully Submitted,

Dale M. Fuller
Dale M. Fuller
Photo Party 61
Pass Christian, Miss.
FIELD REPORT PH-6902

PREMARKING HORIZONTAL CONTROL STATIONS

In accordance with Instructions—FIELD—SUPPLEMENT I—Shoreline Mapping, Lake Borgne, Louisiana, received October 7, 1969, reference C1413, 24 triangulation stations were premarked. Revised Horizontal Control Diagram dated October 17, 1969, called for 14 stations to be premarked for 1:60,000 scale photography and 10 to be premarked for 1:20,000 scale photography. These requirements were fulfilled, the only deviation being station VIOLET 2, 1966, which was substituted for MARTELLO, 1966. It is thought, however, that due to the shape of the building known as Martello Castle and the placement of the station disk on a corner of the wall it may prove useful as control if needed. A reading of the station description and a look at the building on the photograph will shed further light on this thought.

Stations were marked with white polyethylene plastic sheeting. All panels placed of the station marks or used as substations are square. Those used for the 1:60,000 scale photography are 10 feet square; the 1:20,000's are 3 feet square. Where practical, 3 runners were used as wing panels and these are shown in their approximate relations to the center square on the Form 152, CSI card, submitted for each station. The wing panels are approximately 4.7 feet wide by 30 feet long for the 1:60,000 photography and 2 feet by 12 feet for the 1:20,000.

Paragraph 5 of the Supplemental Instructions called for premarking of previously monumented topographic stations along the north shore of Mississippi Sound and Lake Borgne from Pass Christian (Map TP-00039) southwestward to Alligator Point (Map TP-00043). This involved 47 stations. Descriptions were not available for approximately 30 percent, but all marks were searched for and reported on Form 52b. Twelve stations were recovered and premarked. Form 152, CSI cards, are submitted for these in addition to Form 52b.

These stations were premarked for 1:40,000 scale photography. All are marked by placing a 5-foot square panel over the station mark with wing panels as shown in the sketches—generally 3 runners 3.5 or 4 feet wide by 20 feet long.

It is not known exactly when the photographs were taken. We were in the process of premarking the topographic stations until Monday noon, November 17th. Station BASE 1950 (TP-00037) was marked on that date.
and it is understood that the photo mission had left the area by then. Four stations were marked Friday, November 14th. They are ARCH, BANK, STAR, and CHILL, and are in Maps TP-00036, 00037 and 00039.

It is respectfully suggested and urgently requested that on future projects of this nature the Chief of Photo Mission be required to contact the Photo Field Party prior to photography. This would seem to be a reasonable courtesy and prove helpful to all concerned. Targets are often placed at stations as much as a month prior to photography. These should be checked immediately before photography as they are subject to vandalism and damage by the elements.

Submitted 11/25/69

William H. Shearouse,
Chief, Photo Party 60
21. Area Covered

This report covers the area of Lake Borgne. Included are nine (9) 1:20,000 sheets TP-00040, TP-00042 thru TP-00049 and three (3) 1:10,000 sheets TP-00041, TP-00178 and TP-00179.

22. Method

Six (6) strips of 1:60,000 scale photographs were bridged by analytical and four (4) strips of 1:20,000 scale photographs were bridged by analog aerotriangulation methods.

The attached sketch of the strips bridged shows the placement of triangulation used in the strip adjustments. A list of closures to control is part of this report.

Positions for all bridge points have been submitted for each strip. All pass points, control and topographic stations have been plotted on the manuscripts by the Coradi, on the Louisiana South Zone plane coordinate system.

In order to compile sheets TP-00041 and TP-000178 at 1:10,000 scale it will be necessary to locate compilation points from Strip 5, 1:60,000 scale, to the 1:40,000 scale color photographs 69-E(C)-3376 thru 3380. Color diapositives and contact printons will be sent of the above photographs. These are the only 1:40,000 scale plates needed for this job.

All topographic stations recovered and panelled by the field party that fall within the project limits have been located by the bridge.

23. Adequacy of Control

All horizontal control was premarked and was adequate to control 1:60,000 scale strips. Along with horizontal control numerous tie points were used to control the 1:20,000 strips.
25. **Photography**

The definition and quality of the RC-9 "M" camera panchromatic photography was poor. The photographs were very dark, especially along the edges and numerous sun spots made definition of detail rather doubtful in many instances.

The quality of the 1:20,000 scale "S" and "E" cameras color photography was good. The 1:40,000 scale "E" camera color photography that was used mainly for ratio prints appeared to be of good quality and definition.

Respectfully submitted,

Donald M. Brant

Approved and forwarded,

Henry P. Eichert
Chief, Aerotriangulation Section
Lake Borgne, La.-Miss.  
Closures to Control (Feet)

<table>
<thead>
<tr>
<th>Strip 1</th>
<th>x</th>
<th>y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bilox Bayou 2, 1966</td>
<td>+1.3</td>
<td>-1.4</td>
</tr>
<tr>
<td>Blind A2, MK, 1966</td>
<td>-2.2</td>
<td>+5.4</td>
</tr>
<tr>
<td>John 2, 1966</td>
<td>+1.3</td>
<td>+5.6</td>
</tr>
<tr>
<td>Door Pt. 2, 1952</td>
<td>+1.2</td>
<td>+1.5</td>
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<table>
<thead>
<tr>
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<th>y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enid, 1966</td>
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<td>+0.8</td>
</tr>
<tr>
<td>Bilox Bayou 2, 1966</td>
<td>+1.6</td>
<td>-1.1</td>
</tr>
<tr>
<td>Sub. Sta. St. Malo, 1934</td>
<td>-2.5</td>
<td>+0.7</td>
</tr>
<tr>
<td>Hopedale 2, 1966</td>
<td>+1.0</td>
<td>-0.4</td>
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</tbody>
</table>

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<th>Strip 3</th>
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<th>y</th>
</tr>
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<tbody>
<tr>
<td>Sub. Sta. Violet 2, 1966</td>
<td>-3.5</td>
<td>+3.4</td>
</tr>
<tr>
<td>*Yscloskey Gas Co. Mast, 1966</td>
<td>-6.1</td>
<td>+5.2 (O.I.)</td>
</tr>
<tr>
<td>*Miss. River Gulf Outlet Lt. 107, 1966</td>
<td>+7.8</td>
<td>-4.6 (O.I.)</td>
</tr>
<tr>
<td>*Miss. River Gulf Outlet Lt. 108, 1966</td>
<td>+6.7</td>
<td>-4.9 (O.I.)</td>
</tr>
<tr>
<td>Luce, 1934</td>
<td>+6.5</td>
<td>-1.0</td>
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<tr>
<td>*Yscloskey Munic. W.T. 1966</td>
<td>+0.1</td>
<td>-3.6 (O.I.)</td>
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<td>Sub. Sta. St. Malo, 1934</td>
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<td>-2.7</td>
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</tbody>
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<th>y</th>
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<tbody>
<tr>
<td>Hopedale 2, 1966</td>
<td>-0.8</td>
<td>-0.5</td>
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<td>*Yscloskey Munic. W.T. 1966</td>
<td>-0.5</td>
<td>+4.2 (O.I.)</td>
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<tr>
<td>*Lt. 107</td>
<td>+2.9</td>
<td>+2.9 (O.I.)</td>
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<tr>
<td>Luce, 1934</td>
<td>+0.6</td>
<td>+2.0 (O.I.)</td>
</tr>
<tr>
<td>*Yscloskey Gas Co. Mast, 1966</td>
<td>+3.5</td>
<td>-1.3 (O.I.)</td>
</tr>
<tr>
<td>Chalmettes, 1966</td>
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<td>+0.9</td>
</tr>
<tr>
<td>Sub. Sta. Hopedale 2, 1966</td>
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<td>-0.8</td>
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<tr>
<td>*Shell Beach Radio Mast</td>
<td>+0.1</td>
<td>-5.9 (O.I.)</td>
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<tr>
<td>*Lt. 103</td>
<td>+4.5</td>
<td>+1.3 (O.I.)</td>
</tr>
<tr>
<td>Sub. Sta. Violet 2, 1966</td>
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<td>-2.1</td>
</tr>
<tr>
<td>*Miss. River Gulf Outlet Lt. 103, 1966</td>
<td>-4.6</td>
<td>-6.8 (O.I.)</td>
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<tr>
<td>*Miss. River Gulf Outlet Lt. 104, 1966</td>
<td>-2.4</td>
<td>-7.2 (O.I.)</td>
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<table>
<thead>
<tr>
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<th>y</th>
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<tbody>
<tr>
<td>Chalmettes, 1966</td>
<td>-0.6</td>
<td>+0.6</td>
</tr>
<tr>
<td>*Venetian Isle W.T. 1966</td>
<td>+1.3</td>
<td>-2.5</td>
</tr>
<tr>
<td>*Venetian Isle Microwave Tower, 1966</td>
<td>+5.4</td>
<td>+6.0 (O.I.)</td>
</tr>
<tr>
<td>Rigg, 1934</td>
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<td>+0.4</td>
</tr>
<tr>
<td>*Tenn. Gas Pipeline Co. Radio Mast, 1959</td>
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<td>+4.8</td>
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<td>Sub. Sta. Venetian Isle W.T. 1966</td>
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<tr>
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<tr>
<td>Sub. Sta. West, 1954</td>
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<td>*Bay St. Louis W.T., 1931</td>
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<td>-5.9</td>
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<tr>
<td>*Folger RM 2, 1966</td>
<td>-1.8</td>
<td>-3.5</td>
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**Strip 6**

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<td>*Tenn. Gas Pipeline Co. Radio Mast, 1959</td>
<td>+1.4</td>
<td>+1.4</td>
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<td>Sub. Sta. Tenn. Gas Pipeline Co. Radio Mast, 1959</td>
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<td>*Venetian Isle W.T., 1966</td>
<td>+0.8</td>
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<td>Sub. Sta. Venetian Isle W.T. 1966</td>
<td>+1.8</td>
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<tr>
<td>Rigg</td>
<td>+0.1</td>
<td>-0.3</td>
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<tr>
<td>*Pearl RM 1, 1931</td>
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<tr>
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<tr>
<td>*Folger RM 2, 1966</td>
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**Strip 7**

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<td>John 2, 1966</td>
<td>0.0</td>
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</tr>
<tr>
<td>Grand Pass 3, 1966</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>Enid, 1966</td>
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**Strip 8**

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<th>$x$</th>
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<td>Sub. Sta. A Proctor Pt. 3, 1952</td>
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**Strip 9**

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<tr>
<th>Station</th>
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<td>Sub. Sta. Herbes, 1931</td>
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**Strip 10**

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<td>*Pearl RM 1, 1931</td>
<td>+2.2</td>
<td>-2.1</td>
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<tr>
<td>Log, 1958</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Sub. Sta. Aaron, 1935</td>
<td>0.0</td>
<td>0.0</td>
</tr>
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</table>

*Stations not used in the strip adjustment. (O.I.) Office Identified natural objects.
AEROTRIANGULATION SKETCH
LAKE BORGNE, LA-MISS.
JOB PH-6902
MARCH, 1970

Horizontal Control
1. S.P. Herbes, 1931
2. S.P. Folger, 1966
3. Cholamee 3, 1966
4. S.P. Violet, 2, 1966
5. S.P. Venetian Isle W.T. 1966
6. S.P. Proctor Pt. 3, 1952
7. Luce, 1934
8. S.P. Hopedale 2, 1966
9. S.P. St. Molo, 1934
10. Biloxi Bayou 2, 1966
11. Rigg 1, 1934
12. Pearl R.M. 1, 1931
13. Log, 1958
14. S.P. Aaron, 1935
    Radio Mast, 1959
16. Chuck, 1966
17. Stew, 1966
19. John 2, 1966
20. Grand Pass 3, 1966
21. Door Pt. 2, 1952
22. Enid, 1966
23. S.P. West, 1937

Horizontal Control:
1:60,000 Scale Pan. Photography
1:20,000 Scale Color Photography
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<th>LATITUDE OR Y COORDINATE</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 PI. = 304,8006 meter)</th>
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<td>30° 08' 42.04886&quot;</td>
<td>1294.8 (552.7)</td>
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<tr>
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<td>300892</td>
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<td>1129</td>
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<td></td>
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<tr>
<td>ARK, 1934</td>
<td>1002</td>
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<tr>
<td></td>
<td></td>
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<tr>
<td></td>
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<tr>
<td>MALHEREUX POINT, 3,</td>
<td>1012</td>
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<tr>
<td>1934</td>
<td></td>
<td>89° 25' 24.91437&quot;</td>
<td>667.6 (940.0)</td>
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<tr>
<td>BLIND AZIMUTH MARK,</td>
<td>Form, 524</td>
<td>30° 03' 04.237&quot;</td>
<td>130.5 (1717.0)</td>
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<tr>
<td>1966</td>
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<td>89° 29' 15.766&quot;</td>
<td>422.3 (1184.9)</td>
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<tr>
<td>MP-01-BB, 1971</td>
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<td>1571.8 (275.7)</td>
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<tr>
<td></td>
<td></td>
<td>89° 29' 43.028&quot;</td>
<td>1152.9 (454.7)</td>
</tr>
</tbody>
</table>

COMPUTED BY          DATE       CHECKED BY      DATE
A. C. Rauck, Jr.     March 2, 1970 R. White      March 2, 1970
31. **DELINEATION**

The Wild B-8 was used to locate points common to the 1:60,000 "M" compilation photography and the 1:40,000 scale "E" photographs, which were used for photo-hydro support.

The quality of the "M" photography was poor and not suitable for delineating details. The "E" photography, therefore, was used for the graphic delineation of all details.

The Grassy Island - Grand Island area of this map was compiled at 1:10,000 scale (TP-00179). See Compilation Report, TP-00179, for this area.

32. **CONTROL**

See Photogrammetric Plot Report, dated April, 1970.

33. **SUPPLEMENTAL DATA**

None

34. **CONTOURS AND DRAINAGE**

Contours are inapplicable.

Drainage was compiled from office interpretation of the photographs.

35. **SHORELINE AND ALONGSHORE DETAILS**

Shoreline and alongshore details were compiled from office interpretation of the photographs.
36. **OFFSHORE DETAILS**  
All offshore details were compiled from office interpretation of the photographs.

37. **LANDMARKS AND AIDS**  
Copies of Form 76-40 for two nonfloating aids were forwarded to the Rockville office on March 5, 1974, Chart Letter No. 252.

38. **CONTROL FOR FUTURE SURVEYS**  
None

39. **JUNCTIONS**  
Junctions were made with TP-00041 to the North, TP-00046 to the East, and TP-00044 to the West. There is no contemporary survey to the South.

40. **HORIZONTAL AND VERTICAL ACCURACY**  
No statement.

46. **COMPARISON WITH EXISTING MAPS**  
A comparison was made with USGS Quadrangles "Malheureux Point, Louisiana" and "Three Mile Bay, Louisiana," both 1:24,000 scale and dated, 1955.

Little Raccoon Island does not appear on the compilation photography and was not mapped.

47. **COMPARISON WITH NAUTICAL CHARTS**  
A comparison was made with Chart 1268, scale 1:80,000 11th edition, dated February 17, 1969.

Little Raccoon Island charted approximately at Lat. 29°31.3', Long. 89°20.7' is not visible on the November, 1969 photography and therefore is not mapped.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY**  
It is apparent that Little Raccoon Island no longer exists and should be removed from all charts.

**ITEMS TO BE CARRIED FORWARD**  
None
Submitted by:

Lowell O. Neterer, Jr.
Cartographic Technician
May 5, 1970

Approved for forwarding:

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

Approved:

Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center
ADDENDUM TO COMPILATION REPORT

Chief of Photo Party 61, Richard D. Olson, has indicated in conference, that the nonstandard notation used on Photos 69 E(C)3289, 3307 & 3308 and 69 E(C)3326 for the apparent MHWL is in error. This portion of the field edit was not applied, as office interpretation of the shoreline in these areas was apparently correct as shown.

J.B.
3/7/72
GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00045

Bayou La Fee
Blind Bay
Blind Pass
False Mouth Bayou
Kennedys Lagoon
Lake Borgne
Lakes of Bayou Marron
Le Petit Pass
Le Petit Pass Island
Malheureux Point
Mississippi Sound
Mosquito Inlet
Ninemile Bay
Ninemile Bayou
North Karako Bay
Raccoon Island
Shell Point
South Bayou
Three Mile Bay
Three Mile Pass
Trappers Bayou
Whiskey Bayou

Prepared by:

Chas. E. Harrington
Staff Geographer
**PHOTOGRAMMETRIC OFFICE REVIEW**

<table>
<thead>
<tr>
<th>1. PROJECTION AND GRIDS</th>
<th>2. TITLE</th>
<th>3. MANUSCRIPT NUMBERS</th>
<th>4. MANUSCRIPT SIZE</th>
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**CONTROL STATIONS**

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<th>5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY</th>
<th>6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)</th>
<th>7. PHOTO HYDRO STATIONS</th>
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<tr>
<td>Coromad amat Auto Plotter</td>
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**ALONGSHORE AREAS (Nautical Chart Data)**

<table>
<thead>
<tr>
<th>8. BENCH MARKS</th>
<th>9. PLOTTING OF SEXTANT FIXES</th>
<th>10. PHOTOGRAMMETRIC PLOT REPORT</th>
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<tr>
<td>X</td>
<td>X</td>
<td>Bridge - W.O.</td>
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**PHYSICAL FEATURES**

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<tr>
<th>12. SHORELINE</th>
<th>13. LOW-WATER LINE</th>
<th>14. ROCKS, SHOALS, ETC.</th>
<th>15. BRIDGES</th>
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<tr>
<th>16. AIDS TO NAVIGATION</th>
<th>17. LANDMARKS</th>
<th>18. OTHER ALONGSHORE PHYSICAL FEATURES</th>
<th>19. OTHER ALONGSHORE CULTURAL FEATURES</th>
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**CULTURAL FEATURES**

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<tr>
<th>24. CONTOURS IN GENERAL</th>
<th>25. SPOT ELEVATIONS</th>
<th>26. OTHER PHYSICAL FEATURES</th>
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**BOUNDARIES**

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<tr>
<th>27. ROADS</th>
<th>28. BUILDINGS</th>
<th>29. RAILROADS</th>
<th>30. OTHER CULTURAL FEATURES</th>
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**MISCELLANEOUS**

<table>
<thead>
<tr>
<th>33. GEOGRAPHIC NAMES</th>
<th>34. JUNCTIONS</th>
<th>35. LEGIBILITY OF THE MANUSCRIPT</th>
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<table>
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<tr>
<th>36. DISCREPANCY OVERLAY</th>
<th>37. DESCRIPTIVE REPORT</th>
<th>38. FIELD INSPECTION PHOTOGRAPHS</th>
<th>39. FORMS</th>
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<tbody>
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</tbody>
</table>

**REVIEWER**

Charles H. Bishop 5/16/70 A.C. Rauck, Jr.

**REMARKS** (See attached sheet)

**FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT**

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**

T.J. Bulfer 3/7/72

Reviewer: L.O. Neterer, Jr. 3/10/72

A.C. Rauck, Jr.

**REMARKS**

Field Edit Applied From: Field Edit Ozalid and Photograph, numbers 69E 3288, 3289, 3307, 3308 and 3326.
52. ADEQUACY OF COMPILATION

Compilation was adequate.

54. RECOMMENDATIONS

None.

56. LANDMARKS AND AIDS TO NAVIGATION

Two aids to navigation are found on this sheet. NINEMILE BAYOU ENTRANCE LIGHT 2 was correctly identified by compilation. THREE MILE PASS LIGHT 1966 was destroyed by hurricane Camille and rebuilt after photography. It was located by this party.

A form 76-40 has been submitted with this report. There are no landmarks on this sheet.

57. ADDITIONAL INFORMATION

The entire shoreline of this sheet is marsh. High water extends into the marsh to an indeterminable distance. Low water rarely if ever falls below the line of marsh. For charting purposes the marsh line is both the high and low water lines.

Respectfully submitted,

[Signature]

William J. Mottern
Survey Technician
Photo Party 61

Richard D. Olson
LTjg/ NOAA
Chief, Photo Party 61
<table>
<thead>
<tr>
<th>LIGHT NAME</th>
<th>DESCRIPTION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>FIELD INSPECTION</th>
<th>COMPILATION</th>
<th>FIELD EDIT</th>
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<tr>
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<td>Three Mile Pass Light</td>
<td>30 03</td>
<td>14.79 89 21</td>
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<td>F 2</td>
<td>11/4/71</td>
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<tr>
<td>LIGHT</td>
<td>Ninemile Bayou Entrance Light 2</td>
<td>30 02</td>
<td>50.53 1556 89 25</td>
<td>15.23 408</td>
<td>F 695(c)</td>
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<tr>
<td>LIGHT</td>
<td>Grand Island Pass Light 3</td>
<td>30 09</td>
<td>30.93 958 89 28</td>
<td>19.95 534</td>
<td>F 3.8</td>
<td>8/17/71</td>
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</table>

* Aid also appears on TP-000179, which is an insert of TP-00045
REVIEW REPORT TP-00045

SHORELINE

MARCH 7, 1974

61. GENERAL STATEMENT:

See Summary on page six (6) of this Descriptive Report.

An ozalid comparison print, showing differences noted in Par. 62, 64 and 65, is bound with the original of this report. Comparison prints for Half Moon and Grassy Island are filed with the report for TP-00179.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with copies of T-9657 and T-9658, both 1:20,000 scale and both dated 1955. In general, the shoreline facing Lake Borgne, Mississippi Sound, and the larger lakes has receded. Significant differences were shown on the comparison print in blue.

TP-00045 supersedes previous registered topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangles MALHEUREUX POINT, LA, and THREE MILE BAY, LA, both 1:24,000 scale and both dated 1955. These maps were copied from T-9657 and T-9658 respectively. Therefore differences are the same.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with the boat sheet for H-9261 west of Long. 89°26' and with the boat sheet for H-9200 east of Long. 89°26'. Both surveys were surveyed at 1:20,000 scale in 1971. Significant differences were shown in purple on the comparison print.
65. **COMPARISON WITH NAUTICAL CHARTS:**

   A visual comparison was made with Chart 1268, 1:80,000 scale 15th edition, dated Dec. 30, 1972. Significant differences were shown on the comparison print in red.

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

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

Reviewed by:

Charles H. Bishop
Cartographer

Approved for forwarding:

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

Approved:

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

Approved:

Chief, Photogrammetric Branch    Chief, Coastal Mapping Division
COMPARISON PRINT

Blue = T-9657
Red = Chart 1268
Purple = H-9261

wreck, not visible on photos taken at MLW.

signs, not visible on photos

Le Petit Pitre
COMPARISON PRINT

Blue = T-9657
Purple = H-9261

Iron pipe, not visible on photos

y = 510,000 ft

30° 02'
COMPARISON PRINT

Blue = T-9657 & T-9658

Kennedys Lagoon

South Bayou

marsh

marsh

marsh

Three

69-E (c) - 3306

TP-00045

1:20,000
COMPARISON PRINT

Blue = T-9658

THREE MILE PASS LIGHT 1, 1971

NORTH KARAKO

MILE BAY

69-561-3289

y=510,000FT.

y=520,000FT

TP-00045
1:20,000

30°04'

03'

02'
COMPARISON PRINT

Blue = T-9657

\[ y = 490,000 \text{ ft} \]
\[ x = 2,580,000 \text{ ft} \]

89° 30' 00"

1:20,000
Pile, not visible on photos.

FALSE MOUTH BAY

7'  26'  x=2,600.000FT  x=2

NOTE: Unlabeled circles are photogrammetric plot points, not map features

COMPARISON PRINT

Blue = T-9657
Purple = H-9261

TP-000 4 S
1:20,000
COMPARISON PRINT

Blue = T-9657 & T-9658
Purple = H-9200
Red = Chart 1268

 Recoverable horizontal control station of third order or higher accuracy
 Recoverable horizontal control station of less than third order accuracy
 The heavy shoreline defines the mean high water line
 The light shoreline defines the outer limits of vegetation visible above
 approximate mean high water

Compiled by photogrammetric methods from aerial photographs

Date of Photography: Nov. 1969
Date of Field Inspection: None
Date of Field Edit: Aug. and Nov. 1971
Date of Final Compilation: Feb. 1974
Date of Final Review: March 1974
LITTLE RACCOON ISLAND
Also on Chart 1268
Not visible on photos taken at MLW.

COMPARISON PRINT
Blue = T-9658
Red = Chart 1268

NATIONAL OCEAN SURVEY
SHORELINE MANUSCRIPT
TP-00045
MISSISSIPPI - LOUISIANA
LAKE BORNE
BLIND BAY
SCALE 1:20,000
(1 inch = 1666.67 ft.)
CONTROL DATA
Polyconic projection: 1927 North American Datum
10,000 foot grid based on U.S. (South Traverse) Plane coordinate system
Datum plane: Mean High Water