### DESCRIPTIVE REPORT

**Type of Survey**  
Shoreline  
T-10629 thru T-10629

**Field No.**  
6136  
Office No.  
T-10629

### LOCALITY

**State**  
Louisiana

**General locality**  
Camor  
Verilion Parish

**Locality**  
Gulf Coast

---

**CHIEF OF PARTY**  
I.R. Rubottom, Chief of Field Party  
L.W. Swanson, Dir. of Phot., Wash., D.C.

---

**LIBRARY & ARCHIVES**

**DATE**  
May 11, 1961
DATA RECORD

T-10633, 10634
T-10636, 10637, 10638, 10639, 10640

Project No. (II): 20,000-808

Field Office (II): Opelousas, La.
Photogrammetric Office (III): Washington, D. C.

Chief of Party: Ira R. Rubottom
Officer-in-Charge: L. W. Swanson

Instructions dated (II) (III):
1 May 1957
5 July 1957 - supp 1

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):

Scale Factor (III):

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 14 June 1960

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

Geographic Datum (III): NA 1927

Vertical Datum (III):
Mean sea level except as follows:
Elevations shown as (2) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III):

Lat.: Long.: Adjusted

Unadjusted

Plane Coordinates (IV):

State: La. Zone: South

\[ Y = \]

\[ X = \]

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)

(!) (!)

Inapplicable
DATA RECORD

Field Inspection by (II):

John R. Smith (T-10629 thru 10635 only)

Date: May - Aug 1957

Planetable contouring by (II): None

Date:

Completion Surveys by (II): None

Date:

Mean High Water Location (III) (State date and method of location):

Photo interpretation July 1957

Projection and Grids ruled by (IV): J. Phillips

Date: May 1957

Projection and Grids checked by (IV): J. Phillips

Date: ""

Control plotted by (III): H. Lucas, G. Amburn, G. Willey

Date: June - July 1957

Control checked by (III): H. Lucas, G. Amburn, G. Willey

Date: June - July 1957

Radial Plot or Stereoscopic J. Battley and

Date: 19 June 1957

Control extension by (III): R. Sugden

6 Aug 1957

Stereoscopic instrument compilation (III):

Date:

Planimetry

Date:

Contours

Date:

Manuscript delineated by (III):

J. Battley, F. Wisecki,

Date:

R. Sugden, G. B. Willey

June to Aug 1957

Photogrammetric Office Review by (III):

Date:

Everett H. Ramey

July and Aug 1957

Elevations on Manuscript

checked by (II) (III): None

Date:
Camera (kind or source) (III): C&GS 9-L and Jack Amman single lens

<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>55806-55843 incl.</td>
<td>4/6/57</td>
<td>1112 - 1210</td>
<td>1:20000</td>
<td>0.2 below MHW</td>
</tr>
</tbody>
</table>

Jack Amman single-lens:
- 719-72 thru -77 1/3/54 Not used on registered approx. survey
- 719.7 n -37 1/5/54 Copy of 1:22000 approx. MSL
- 721.7 n -49 1/7/54
- 723-35 n -60 n -67 2/8/54

Tide (III)
Reference Station: Tide data supplied by
Subordinate Station: Tides and Currents Div.
Subordinate Station:
Washington Office Review by (IV):

Final Drafting by (IV): Janet Hicks
Drafting verified for reproduction by (IV): 200 Halkin

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III):
Shoreline (More than 200 meters to opposite shore) (III):
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II):
Recovered: Identified:
Number of BMs searched for (II):
Recovered: Identified:
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):

Remarks:
SUMMARY
To Accompany Shoreline Manuscripts
T-10629 thru T-10640

Subject manuscripts, twelve (12) shoreline surveys, represent project PH-5706. The project is located in the State of Louisiana and covers the Gulf shore from Sabine Pass at the Texas State line eastward to a point directly south of White Lake. It joins here with project PH-33 (1948) and at the western edge with project PH-5910.

The Bureau of Land Management (Dept. of the Interior) in February 1957 requested the Coast and Geodetic Survey to furnish maps of the outer coast line and the low water line of the State of Louisiana from Chandeleur Islands westward to Sabine Pass with certain exceptions. Previous surveys of this area met the requirements for base maps, except for that portion as described in paragraph one of this summary. Numbers T-10629 thru T-10649 and project No. PH-5706 were assigned to this western part. In addition these T-sheets were given the numbers of 30 thru 41 as part of the total number of maps required by the Bureau of Land Management under project No. 20,000-808.

Instructions were sent to Ira R. Rubottom in May 1957, under whose direction limited field inspection was accomplished from May to August 1957. The twelve manuscripts were compiled from June to August 1957 at the Washington Office from nine-lens photography of April 1957.

T-10629 thru T-10640 will be scribed and duly processed for the reproduction of a cronar film positive of each at the compilation scale of 1:20,000. Along with a combined Descriptive Report they will be registered and filed in the Bureau Archives.

February 1960
FIELD INSPECTION REPORT

A field inspection report was submitted for Surveys T-10630 thru T-10633 inclusive and is included as part of the combined descriptive report for all surveys of the project. Field inspection reports were not submitted for other surveys of the project.

A report entitled "Horizontal Control Field Report, Project Ph-150" was submitted by E. Frank Lampton, Jr.

Also "Project Report for Establishment of Supplemental Control for Shoreline Mapping, Project Ph-150" by R.H. Skelton.
2. AERIAL FIELD INSPECTION

These maps are within Cameron Parish in the southwestern part of the State of Louisiana.

The terrain is predominately marsh interspersed with low open ridges running parallel to the coast. Along these ridges are found the towns and small beach resorts. The cattle ranches, which use the open areas of higher elevation for the grazing of cattle, are also located along these ridges.

The area is sparsely settled, the population being centered around the towns of Pea Island (T-10620); Holly Beach (T-10631) and Cameron (T-10632). These towns along with Calcasieu Pass and River (T-10632) provide the salient features.

The economy of the area is based upon the cattle ranches and the petroleum and fishing industries. The town of Cameron is used as a base of supply for the offshore drilling of oil wells and drilling operations in the near by vicinity.

A system of secondary roads provide access to the towns and beaches. Only one of these roads is paved.

There are no railroads. Some parts of the area are accessible only by shallow draft boats through canals and small streams. Marsh buggies are also employed by oil companies to traverse the expensive marshes.

Field inspection of the area was accomplished using 1957 infrared single lens photographs of 1:20,000 scale. The photographs, being of recent date, were of sufficient quality for field inspection and no difficulties in interpretation were encountered.

Photographs used for the field inspection of each quadrangle are as follows:

<table>
<thead>
<tr>
<th>T-10630</th>
<th>T-10631</th>
<th>T-10632</th>
<th>T-10633</th>
</tr>
</thead>
<tbody>
<tr>
<td>57 L 1487</td>
<td>57 L 1492</td>
<td>57 L 1496</td>
<td>57 L 1506</td>
</tr>
<tr>
<td>57 L 1488</td>
<td>57 L 1493</td>
<td>57 L 1497</td>
<td>57 L 1507</td>
</tr>
<tr>
<td>57 L 1489</td>
<td>57 L 1494</td>
<td>57 L 1498</td>
<td>57 L 1508</td>
</tr>
<tr>
<td>57 L 1490</td>
<td>57 L 1495</td>
<td>57 L 1499</td>
<td>57 L 1509</td>
</tr>
<tr>
<td>57 L 1491</td>
<td></td>
<td>57 L 1501</td>
<td></td>
</tr>
</tbody>
</table>

Field inspection is believed to be adequate and complete.
3. HORIZONTAL CONTROL

Horizontal control was identified on single lens photographs in 1955.

4. VERTICAL CONTROL

Inapplicable.

5. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage is by seepage into the marsh areas and by ditches and canals. Small streams and openings in the shell ridge which borders the Gulf provide drainage of the marsh directly into the Gulf during periods of heavy rains or storms.

6. WOODLAND COVER

Woodland cover was classified in accordance with Reference 5433, Topographic Manual, Part II, and is adequately covered by field inspection notes on the photographs.

7. SHORELINE AND ALONGSHORE FEATURES

The mean highwater line was inspected from a jeep driven along the beach of from roads close to the shore.

The shoreline west of Calcasieu Pass is predominately fast along a narrow sand beach. Silt from the Mississippi and Atchafalaya Rivers cause this beach to have a dark tone. The white tone usually associated with sand beaches is therefore lacking from the photographs.

East of Calcasieu Pass the shoreline is mostly apparent along the narrow strip of marsh which borders the coast.

The mean highwater line has been delineated on the photographs. Measurements from identifiable features verify the mean high water line to be as photographed.

The low water line was not inspected.

The foreshore is entirely mud with the exception of the areas along the sand beaches and a few places in Calcasieu River. The mud foreshore is usually very flat along the coast but becomes steep and narrow along the shore of Calcasieu River.

There are no bluffs or cliffs. All docks and piers are adequately covered by field inspection notes on the photographs.

The shore end of all submerged cables and pipe lines crossing navigable waters have been identified on the photographs.
8. OFFSHORE FEATURES
   Inapplicable.

9. LANDMARKS AND AIDS
   Inapplicable.

10. BOUNDARIES, MONUMENTS AND LINES
    Inapplicable.

11. OTHER CONTROL
    Inapplicable.

12. OTHER INTERIOR FEATURES

    All roads and buildings were classified in accordance with Reference 5441 and 5446 of the Topographic Manual, Part II, with the exception that only those buildings circled are to be compiled.

    There are no bridges or overhead cables over navigable waters within the area mapped. A state owned and operated ferry maintains a twenty-four hour a day schedule across Calcasieu River.

    A small landing field at Cameron is used by small aircraft. A helicopter field is located approximately two miles southeast of Cameron and is used primarily for the transportation of personnel and supplies to the offshore drilling platforms.

13. GEOGRAPHIC NAMES
    Inapplicable.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

    There are no special reports or supplemental data other than the remaining maps of the project which will be forwarded at a later date.

Submitted:

\[Signature\]

John R. Smith
Cartographic Survey Aid

Approved:

\[Signature\]

Ira R. Rubottom
Chief of Party
PHOTOGRAPEMETRIC PLOT REPORT
PROJECT 20,000 - 806
SURVEYS T-10633, 10634, T-10636 THRU T-10640

21. AREA COVERED

This report covers the photogrammetric plot for seven shoreline surveys numbered T-10633, 10634 and T-10636 through T-10640. These surveys cover a portion of the Gulf Coast of Louisiana from Calcasieu Lake east to White Lake. All are based on field-identified control and field inspection and are to be complete manuscripts.

22. METHOD

The plot was laid on mylar manuscripts at 1:20,000 scale ruled with polyconic projection and the Louisiana state grid, south zone.

Positype prints of nine-lens photographs taken in April 1957 were used in the plot. Two single-lens photographs taken by the Jack Ammann Company were added to the plot for additional control... (see item 23)

The attached sketch shows photographs, control stations and tolerances in positions for the plot.

Vinylite templates were prepared in the usual manner using a master calibration templet.

23. ADEQUACY OF CONTROL

Twenty-three field-identified triangulation stations were located on the nine-lens photographs. Of these, 21 held and 2 could not be held and are discussed below:

Noman 1955 sub pt......1155.5 m. SW of plotted position.

This was an unchecked station. A request was made to personnel of Geodesy Division to check their field...
data and consequently the published position was deleted from their records.

Roll 1955.......100 m. W of plotted position. A check with the published description on this station indicated a discrepancy with the field identification. The published description agreed with this plot position. As other control held nearby the field position is believed to be in error.

In addition to the stations held on the nine-lens photographs, two triangulation stations, Little sub pt. 1955 and Joseph 1955 sub pt. were held in the plot. These stations could not be identified on the nine-lens photographs but were added to the plot from the single-lens field photographs having pass points common to the nine-lens photography.

There was an abundance of control on the western end of this plot. With the addition of the two above-mentioned stations from the single-lens photography the control was considered adequate on the eastern section. Because this is a single flight plot, the eastern extremity of the plot is tied to a control station with two cuts only. Additional control would have been desirable. As azimuths and scale held well in bridging to this station the plot is considered accurate in position.

24. **SUPPLEMENTAL DATA**

None

25. **PHOTOGRAPHY**

The photography was adequate as to coverage and overlap. The field photographs were single-lens Jack Amman taken in January 1954 and U. S. Navy single-lens photographs taken in 1951. Some difficulty was
experienced in transferring triangulation stations from the field photographs to the nine-lens office photographs due to different scales and dates of photography. The Jack Amman photography at a scale of approximately 1:22,000 was of excellent quality.

Approved by:

[Signature]
E. H. Ramey, Chief,
Graphic Compilation Unit

Submitted by:

[Signature]
Peter P. Battley, Jr.,
Cartographer
Photogrammetric Plot Sketch
LOUISIANA
Project: 20000-808

- Control held
- Control not held (see item 23 in plot report)
Photogrammetric Plot Report
Project 20,000-808
Surveys T-10635, T-10629 thru T-10632
6 August 1957

21. Area Covered:

This report covers the photogrammetric plot for five shoreline surveys numbered T-10635, T-10629 through T-10632. These surveys cover a portion of the Gulf Coast of Louisiana from Calcasieu Lake west to Sabine Pass. All are based on field-identified control and field inspection and are to be complete manuscripts.

22. Method:

The plot was laid on mylar manuscripts at 1:20,000 scale ruled with polyconic projection and the Louisiana State grid, south zone.

Positype prints of nine-lens photographs taken in April 1957 were used in the plot.

The attached sketch shows photographs, control stations and tolerances in positions for the plot.

Vinylite templets were prepared by the usual method using a master calibration templet.

23. Adequacy of Control:

Sixteen field-identified triangulation stations were located on the nine-lens photographs.

All sixteen stations held well within 0.3mm.

The control used was adequate in positioning and density to secure accurate datum.

24. Supplemental Data:

None
25. **Photography:**

The photography was adequate as to coverage and overlap. The field photographs were single-lens Jack Ammann taken in January 1954 and U. S. Navy single-lens taken in 1951.

Approved By: 

E. H. Ramey, Chief  
Graphic Compilation Unit

Submitted By: 

Jeter P. Battley Jr.  
Cartographer
Photogrammetric Plot Sketch
Louisiana
Project No: 20,000-808

Note: All control held within 0.3 mm
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR U-COORDINATE</th>
<th>LONGITUDE OR X-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</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>Hack, 1923</td>
<td>La. p.25</td>
<td>N.A. 1927</td>
<td>29 44 44.09</td>
<td>93 42 23.90</td>
<td>1567.4</td>
<td>480.0</td>
<td>633.9</td>
<td>978.4</td>
</tr>
<tr>
<td>Hack, 1923</td>
<td>Comp.</td>
<td>&quot;</td>
<td>29 44</td>
<td>93 42</td>
<td>1369.0</td>
<td>442.1</td>
<td>554.4</td>
<td>1057.8</td>
</tr>
<tr>
<td>Sub Pt. 1957</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 46 58.64</td>
<td>93 40 33.14</td>
<td>1805.5</td>
<td>511.9</td>
<td>890.2</td>
<td>721.1</td>
</tr>
<tr>
<td>Smith (USGS) 1933</td>
<td>p.297</td>
<td>&quot;</td>
<td>29 46</td>
<td>93 40</td>
<td>1772.0</td>
<td>754.1</td>
<td>876.6</td>
<td>355.0</td>
</tr>
<tr>
<td>Smith (USGS) 1933</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 49 36.205</td>
<td>93 38 02.993</td>
<td>1114.8</td>
<td>732.6</td>
<td>804.1</td>
<td>1530.6</td>
</tr>
<tr>
<td>Middle Oil</td>
<td>p.36</td>
<td>&quot;</td>
<td>29 50 06.59</td>
<td>93 38 06.68</td>
<td>202.9</td>
<td>1644.5</td>
<td>179.3</td>
<td>1131.5</td>
</tr>
<tr>
<td>Derrick 1933</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 50 10.48</td>
<td>93 40 67.42</td>
<td>322.7</td>
<td>1524.7</td>
<td>1273.0</td>
<td>337.8</td>
</tr>
<tr>
<td>Magnolia (USGS) 1933</td>
<td>p.297</td>
<td>&quot;</td>
<td>29 50 09.37</td>
<td>93 42 54.75</td>
<td>288.5</td>
<td>1558.9</td>
<td>1169.8</td>
<td>111.0</td>
</tr>
<tr>
<td>South Lookout</td>
<td>p.35</td>
<td>&quot;</td>
<td>29 50</td>
<td>93 40</td>
<td>785.1</td>
<td>1062.3</td>
<td>1115.7</td>
<td>166.5</td>
</tr>
<tr>
<td>Tower 1933</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 50 25.5</td>
<td>93 39 53.8</td>
<td>1114.5</td>
<td>166.5</td>
<td>1114.2</td>
<td>187.2</td>
</tr>
<tr>
<td>Tee (USGS) 1933</td>
<td>p.297</td>
<td>&quot;</td>
<td>29 50</td>
<td>93 40</td>
<td>1044.6</td>
<td>802.8</td>
<td>1044.6</td>
<td>802.8</td>
</tr>
<tr>
<td>Junius 1883</td>
<td>p.252</td>
<td>&quot;</td>
<td>29 50 34.08</td>
<td>93 40 53.77</td>
<td>1049.3</td>
<td>798.1</td>
<td>1049.3</td>
<td>798.1</td>
</tr>
<tr>
<td>Deep (USGS) 1933</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 50 53.77</td>
<td>93 40 53.77</td>
<td>1044.6</td>
<td>802.8</td>
<td>1044.6</td>
<td>802.8</td>
</tr>
<tr>
<td>Deep (USGS) 1933</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 50</td>
<td>93 40</td>
<td>1173.0</td>
<td>138.1</td>
<td>1173.0</td>
<td>138.1</td>
</tr>
<tr>
<td>Sub Pt. 1957</td>
<td>Comp.</td>
<td>&quot;</td>
<td>29 50 14.36</td>
<td>93 40 27.4</td>
<td>1312.4</td>
<td>505.0</td>
<td>736.2</td>
<td>875.8</td>
</tr>
</tbody>
</table>

| COMPUTED BY         | G. Amburn                     | DATE    | 5/10/57                    | CHECKED BY               | G. Will          | DATE    | 5/17/57                    |

1 FT = 0.3048006 METER
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>FORWARD (BACK)</td>
<td>FORWARD (BACK)</td>
</tr>
<tr>
<td>Blue Buck Ridge East Base 1883</td>
<td>p.252</td>
<td>29.025 45.56 66.54</td>
<td>114.3 12.6</td>
<td>154.5 64.5</td>
</tr>
<tr>
<td>Section 12 S.E. Corner 1883</td>
<td>p.254</td>
<td>29.025 45.47 4.6</td>
<td>114.59 4.4</td>
<td>388.0 388.0</td>
</tr>
<tr>
<td>Johnson Bayou Church 1933</td>
<td>35</td>
<td>29.025 46.56 066</td>
<td>172.6 121.1</td>
<td>66.4 154.5</td>
</tr>
<tr>
<td>STATION</td>
<td>SOURCE OF INFORMATION (INDEX)</td>
<td>DATUM</td>
<td>LATITUDE OR Y-COORDINATE</td>
<td>LONGITUDE OR X-COORDINATE</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------------------</td>
<td>-------</td>
<td>-------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>House (USGS) 1933</td>
<td>G.F. 297</td>
<td>N.A. 1927</td>
<td>29.50</td>
<td>04.23</td>
</tr>
<tr>
<td>Stark (USGS) 1933</td>
<td>297</td>
<td>´</td>
<td>29.50</td>
<td>02.80</td>
</tr>
<tr>
<td>Simmons 1883</td>
<td>252</td>
<td>´</td>
<td>29.18</td>
<td>39.8</td>
</tr>
<tr>
<td>Photo, 1955</td>
<td>296</td>
<td>´</td>
<td>29.18</td>
<td>24.322</td>
</tr>
<tr>
<td>Photo, 1955 Sub Pt. 1955</td>
<td>´</td>
<td>´</td>
<td>29.18</td>
<td>146.167</td>
</tr>
<tr>
<td>SUE-BUM (USGS 1933) 1924</td>
<td>296</td>
<td>´</td>
<td>29.45</td>
<td>54.130</td>
</tr>
<tr>
<td>SUE (BUM) USGS 1933 Comp. Sub Pt. 1955</td>
<td>´</td>
<td>´</td>
<td>29.45</td>
<td>37.447</td>
</tr>
<tr>
<td>Ocean (USGS 1933) 296</td>
<td>´</td>
<td>´</td>
<td>29.45</td>
<td>23.350</td>
</tr>
<tr>
<td>Ocean (USGS 1933) Comp. Sub Pt. 1955</td>
<td>´</td>
<td>´</td>
<td>29.45</td>
<td>17.581</td>
</tr>
<tr>
<td>STATION</td>
<td>SOURCE OF INFORMATION (INDEX)</td>
<td>LATITUDE OR Y-COORDINATE</td>
<td>LONGITUDE OR X-COORDINATE</td>
<td>DISTANCE FROM GRID OR GRID LINE IN METERS</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------------</td>
<td>--------------------------</td>
<td>---------------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Mud Lake, 1883</td>
<td>G.P. 252</td>
<td>29.49</td>
<td>03.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N.A. 1927</td>
<td>93.27</td>
<td>55.3</td>
<td></td>
</tr>
<tr>
<td>Holly (USGS) 1933</td>
<td>297</td>
<td>29.49</td>
<td>06.04</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1933</td>
<td>93.28</td>
<td>11.13</td>
<td></td>
</tr>
<tr>
<td>Hollynd, 1955 Sub Pt.</td>
<td>LA.C28 N 1959</td>
<td>29.46</td>
<td>11.46</td>
<td></td>
</tr>
<tr>
<td></td>
<td>93.24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refuge, 1955</td>
<td>286</td>
<td>29.51</td>
<td>59.399</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1955</td>
<td>93.27</td>
<td>12.451</td>
<td></td>
</tr>
<tr>
<td>Henry (USE) 1955</td>
<td>288</td>
<td>29.46</td>
<td>10.803</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1955</td>
<td>93.26</td>
<td>34.784</td>
<td></td>
</tr>
<tr>
<td>Hollynd 1955</td>
<td>286</td>
<td>29.46</td>
<td>03.236</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1955</td>
<td>93.24</td>
<td>40.017</td>
<td></td>
</tr>
<tr>
<td>Holly (USGS) 1933 Comp.</td>
<td>297</td>
<td>29.49</td>
<td>1.12</td>
<td></td>
</tr>
<tr>
<td>Sub Pt. 1955</td>
<td>1955</td>
<td>93.28</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 FT. = 304.8006 METER

COMPUTED BY: G. Amburn DATE: 5/10/57
CHECKED BY: G. Willey DATE: 5/17/57
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR U-COORDINATE</th>
<th>LONGITUDE OR X-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</th>
<th>CORRECTION</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>Lake, 1924</td>
<td>.3.</td>
<td>N.A. 1927</td>
<td>29 50</td>
<td>93 19</td>
<td>21.220</td>
<td>1194.0</td>
<td>653.4</td>
<td>1114.4</td>
</tr>
<tr>
<td>Lake, 1924 Sub Pt. 1955</td>
<td>Comp. 1957</td>
<td>&quot;</td>
<td>29 50</td>
<td>93 19</td>
<td>41.511</td>
<td>196.4</td>
<td>689.9</td>
<td>1047.2</td>
</tr>
<tr>
<td>Section 32 S.W. Corner 1884</td>
<td>254</td>
<td>&quot;</td>
<td>29 47</td>
<td>93 18</td>
<td>25.2</td>
<td>197.5</td>
<td>775.9</td>
<td>1047.2</td>
</tr>
<tr>
<td>Man 1924</td>
<td>3</td>
<td>&quot;</td>
<td>29 46</td>
<td>93 19</td>
<td>114.17</td>
<td>197.5</td>
<td>850.7</td>
<td>1141.9</td>
</tr>
<tr>
<td>Man, 1924 Sub Pt. 1955</td>
<td>Comp. 1957</td>
<td>&quot;</td>
<td>29 46</td>
<td>93 19</td>
<td>31.67</td>
<td>315.6</td>
<td>1531.8</td>
<td>1867.7</td>
</tr>
<tr>
<td>Lee, 1924</td>
<td>296</td>
<td>&quot;</td>
<td>29 46</td>
<td>93 15</td>
<td>49751</td>
<td>315.6</td>
<td>1531.8</td>
<td>1867.7</td>
</tr>
<tr>
<td>Lee, 1924 Sub Pt. 1955</td>
<td>Comp. 1957</td>
<td>&quot;</td>
<td>29 46</td>
<td>93 15</td>
<td>18120</td>
<td>315.6</td>
<td>1531.8</td>
<td>1867.7</td>
</tr>
<tr>
<td>RBN Calcasieu 1955</td>
<td>L.A.C. p. 293</td>
<td>&quot;</td>
<td>29 46</td>
<td>93 20</td>
<td>41394</td>
<td>315.6</td>
<td>1531.8</td>
<td>1867.7</td>
</tr>
<tr>
<td>Lamb, 1932</td>
<td>3</td>
<td>&quot;</td>
<td>29 50</td>
<td>93 15</td>
<td>53.966</td>
<td>315.6</td>
<td>1531.8</td>
<td>1867.7</td>
</tr>
<tr>
<td>Cameron, La. Mennaden Co. Stack 1955</td>
<td>293</td>
<td>&quot;</td>
<td>29 48</td>
<td>93 20</td>
<td>47.689</td>
<td>315.6</td>
<td>1531.8</td>
<td>1867.7</td>
</tr>
<tr>
<td>Cameron Gulf Mennaden Co. Stack 1955</td>
<td>293</td>
<td>&quot;</td>
<td>29 48</td>
<td>93 20</td>
<td>00.396</td>
<td>315.6</td>
<td>1531.8</td>
<td>1867.7</td>
</tr>
</tbody>
</table>

1 FT = 3048006 METER
COMPUTED BY: G. Amburn DATE: 5/10/57
CHECKED BY: G. Willey DATE: 5/10/57
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>LONGITUDE OR X-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leer, 1932</td>
<td>G.P. p.3</td>
<td>29.66 53.481</td>
<td>93.14 57.758</td>
<td>1616.7 200.7</td>
<td></td>
<td>1551.4 60.1</td>
</tr>
<tr>
<td>Mesa, 1932</td>
<td>p.3</td>
<td>29.66 32.557</td>
<td>93.11 23.599</td>
<td>1002.4 84.5</td>
<td></td>
<td>652.4 29.5</td>
</tr>
<tr>
<td>Mesa, 1932 Sub Pt. 1955</td>
<td>Comp.</td>
<td>29.66 33.537</td>
<td>93.11</td>
<td>1032.6 84.8</td>
<td></td>
<td>716.4 89.4</td>
</tr>
<tr>
<td>Creole Catholic Church 1932</td>
<td>19</td>
<td>29.48 29.25</td>
<td>93.09 30.91</td>
<td>900.6 94.6</td>
<td></td>
<td>830.1 78.1</td>
</tr>
<tr>
<td>Chartelyou 1932</td>
<td>3</td>
<td>29.49 39.477</td>
<td>93.10 20.262</td>
<td>1215.5 631.9</td>
<td></td>
<td>541.0 1067.0</td>
</tr>
<tr>
<td>Chartelyou, 1932 Sub Pt. 1955</td>
<td>Comp.</td>
<td>29.49</td>
<td>93.10</td>
<td>1187.2 660.2</td>
<td></td>
<td>601.7 1009.3</td>
</tr>
<tr>
<td>Sells, 1955</td>
<td>286</td>
<td>29.47 06.884</td>
<td>93.11 27.540</td>
<td>212.0 1635.4</td>
<td></td>
<td>759.7 871.9</td>
</tr>
<tr>
<td>Sells, 1955 Sub Pt. 1955</td>
<td>Comp.</td>
<td>29.47</td>
<td>93.11</td>
<td>218.7 1628.7</td>
<td></td>
<td>747.9 863.7</td>
</tr>
<tr>
<td>Prong (USGS) 1933</td>
<td>165</td>
<td>29.51 11.10</td>
<td>93.09 48.08</td>
<td>341.8 1505.7</td>
<td></td>
<td>1290.5 320.0</td>
</tr>
<tr>
<td>Prong (USGS) 1933 Sub Pt. 1955</td>
<td>Comp.</td>
<td>29.51</td>
<td>93.09</td>
<td>338.3 1509.2</td>
<td></td>
<td>1299.2 311.2</td>
</tr>
<tr>
<td>Superior B, 1955</td>
<td>287</td>
<td>29.45 30.733</td>
<td>93.11 43.100</td>
<td>946.3 901.1</td>
<td></td>
<td>1158.0 454.0</td>
</tr>
</tbody>
</table>

1 FT. = 30.48006 METER

COMPUTED BY: H. Lucas DATE 5/10/57 CHECKED BY: G. Amburn DATE 5/17/57
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>LONGITUDE OR X-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>SCALE FACTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard, 1884</td>
<td>G.P. pg 19</td>
<td>N.A. 1927</td>
<td>29 48</td>
<td>47.128</td>
<td>1451.1</td>
<td>396.3</td>
<td></td>
</tr>
<tr>
<td>Road, 1932</td>
<td>3</td>
<td>N.A. 1927</td>
<td>29 48</td>
<td>56.333</td>
<td>1734.5</td>
<td>112.9</td>
<td></td>
</tr>
<tr>
<td>Richard, 1884 Sub Pt.</td>
<td>Comp.</td>
<td>N.A. 1927</td>
<td>29 48</td>
<td>12.650</td>
<td>1483.5</td>
<td>353.9</td>
<td></td>
</tr>
<tr>
<td>Road, 1932 Sub Pt.</td>
<td>Comp.</td>
<td>N.A. 1927</td>
<td>29 48</td>
<td></td>
<td>1725.8</td>
<td>121.6</td>
<td></td>
</tr>
<tr>
<td>Hack, 1932</td>
<td>4</td>
<td>N.A. 1927</td>
<td>29 45</td>
<td>22.253</td>
<td>685.2</td>
<td>1162.2</td>
<td></td>
</tr>
</tbody>
</table>

1 FT. = 304.8006 METER

<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>DATUM</th>
<th>LATITUDE OR $\gamma$-COORDINATE</th>
<th>LONGITUDE OR $\delta$-COORDINATE</th>
<th>DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>011(LA) 1922</td>
<td>LA C 25</td>
<td>N.A. 1927</td>
<td>29 43</td>
<td>36.367</td>
<td>1119.7</td>
<td>727.7</td>
</tr>
<tr>
<td>LOU(Louisiana Use 1912)</td>
<td>250</td>
<td>n</td>
<td>29 42</td>
<td>21.503</td>
<td>662.1</td>
<td>1185.3</td>
</tr>
<tr>
<td>Louisiana Point, 1874</td>
<td>T -5 184</td>
<td>n</td>
<td>29 42</td>
<td>15.69</td>
<td>1433.1</td>
<td>1364.3</td>
</tr>
<tr>
<td>Sabine Pass LT House, 1874</td>
<td>LA C 25</td>
<td>n</td>
<td>29 42</td>
<td>58.653</td>
<td>1805.9</td>
<td>41.5</td>
</tr>
<tr>
<td>Texas Point, 1874</td>
<td>Tex 5% p.184</td>
<td>n</td>
<td>29 41</td>
<td>25.65</td>
<td>789.1</td>
<td>1058.3</td>
</tr>
<tr>
<td>Texas 2(USE), 1933</td>
<td>Tex 5 p.5</td>
<td>n</td>
<td>29 41</td>
<td>34.995</td>
<td>1353.5</td>
<td>493.9</td>
</tr>
<tr>
<td>Texas 2(USE), 1933, Sub. Pt.</td>
<td>Comp.</td>
<td>n</td>
<td>29 41</td>
<td></td>
<td>1535.7</td>
<td>311.7</td>
</tr>
<tr>
<td>Gulf Bayou 2 1882</td>
<td>T C 184</td>
<td>n</td>
<td>29 40</td>
<td>33.86</td>
<td>189.8</td>
<td>14.23</td>
</tr>
<tr>
<td>Mud Flat, 1874</td>
<td>Tex C 185</td>
<td>n</td>
<td>29 41</td>
<td>15.78</td>
<td>485.9</td>
<td>1361.5</td>
</tr>
<tr>
<td>Sabine Pass Coast Guard Sta.</td>
<td>T 5 13 LA C 3</td>
<td>n</td>
<td>29 42</td>
<td>21.785</td>
<td>301.8</td>
<td>1311.0</td>
</tr>
<tr>
<td>West End 2, 1957</td>
<td>Comp.</td>
<td>n</td>
<td>1,214,38 ft.</td>
<td></td>
<td>3224.1</td>
<td>723.9</td>
</tr>
<tr>
<td>West End 2, 1957, Sub. Pt.</td>
<td>Comp.</td>
<td>n</td>
<td>1,214,409 ft.</td>
<td></td>
<td>2287.5</td>
<td>760.5</td>
</tr>
</tbody>
</table>

1 FT. = 0.3048006 METER

COMPUTED BY: G. Amburn          DATE: 5/10/57
CHECKED BY: G. Willey          DATE: 5/17/57
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>DATUM</th>
<th>LATITUDE OR X-COORDINATE</th>
<th>LONGITUDE 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>SCALE FACTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil, 1932</td>
<td>G.P. N.A. 1927</td>
<td>92</td>
<td>29 116</td>
<td>43.016</td>
<td>1321.6</td>
<td>610.8</td>
<td>1000.9</td>
</tr>
<tr>
<td>Oil, 1932</td>
<td>Comp.</td>
<td>92</td>
<td>29 116</td>
<td>43.016</td>
<td>1229.7</td>
<td>617.7</td>
<td></td>
</tr>
<tr>
<td>Sub Pt.</td>
<td></td>
<td>92</td>
<td>29 116</td>
<td>43.016</td>
<td>5141.2</td>
<td>995.2</td>
<td></td>
</tr>
<tr>
<td>(USGS) #183 TT</td>
<td>19</td>
<td>92</td>
<td>29 116</td>
<td>16.70</td>
<td>698.7</td>
<td>913.1</td>
<td></td>
</tr>
<tr>
<td>Station 1932</td>
<td></td>
<td>92</td>
<td>29 116</td>
<td>43.016</td>
<td>1496.8</td>
<td>1350.6</td>
<td></td>
</tr>
<tr>
<td>Sta. TT #183</td>
<td></td>
<td>92</td>
<td>29 116</td>
<td>43.016</td>
<td>652.1</td>
<td>959.7</td>
<td></td>
</tr>
<tr>
<td>(USGS)1932 Sub.</td>
<td></td>
<td>92</td>
<td>29 116</td>
<td>43.016</td>
<td>199.5</td>
<td>1617.9</td>
<td></td>
</tr>
<tr>
<td>Ferry 1884</td>
<td>19</td>
<td>92</td>
<td>29 116</td>
<td>06.181</td>
<td>1840.8</td>
<td>769.8</td>
<td></td>
</tr>
<tr>
<td>Ferry 1932</td>
<td></td>
<td>92</td>
<td>29 116</td>
<td>59.209</td>
<td>608.6</td>
<td>1203.3</td>
<td></td>
</tr>
<tr>
<td>Grand Chenier Ch.</td>
<td>19</td>
<td>92</td>
<td>29 116</td>
<td>59.786</td>
<td>1840.8</td>
<td>6.6</td>
<td></td>
</tr>
<tr>
<td>W. Mermannau Ferry</td>
<td>19</td>
<td>92</td>
<td>29 116</td>
<td>31.343</td>
<td>812.0</td>
<td>769.8</td>
<td></td>
</tr>
<tr>
<td>Bill (M.P.C.)</td>
<td>292</td>
<td>92</td>
<td>29 116</td>
<td>09.702</td>
<td>298.7</td>
<td>1518.7</td>
<td></td>
</tr>
<tr>
<td>1955</td>
<td></td>
<td>92</td>
<td>29 116</td>
<td>28.131</td>
<td>756.1</td>
<td>856.6</td>
<td></td>
</tr>
<tr>
<td>Pontoon, 1955</td>
<td>285</td>
<td>92</td>
<td>29 116</td>
<td>18.608</td>
<td>572.9</td>
<td>1274.5</td>
<td></td>
</tr>
<tr>
<td>Pontoon, 1955 Sub Pt.</td>
<td></td>
<td>92</td>
<td>29 116</td>
<td>36.309</td>
<td>989.6</td>
<td>623.4</td>
<td></td>
</tr>
<tr>
<td>End, 1955 Sub Pt. 1,</td>
<td></td>
<td>92</td>
<td>29 116</td>
<td>52.139</td>
<td>1101.3</td>
<td>211.3</td>
<td></td>
</tr>
<tr>
<td>Phillips Well #3 S G 1170, 1955</td>
<td>292</td>
<td>92</td>
<td>29 116</td>
<td>25.862</td>
<td>969.5</td>
<td>877.9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>92</td>
<td>29 116</td>
<td>59.501</td>
<td>1373.3</td>
<td>239.3</td>
<td></td>
</tr>
</tbody>
</table>

1 FT. = 0.3048006 METER
COMPUTED BY: S. Amburn  DATE: 5/10/57
CHECKED BY: S. Wiley  DATE: 5/17/57
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR ( y )-COORDINATE</th>
<th>LONGITUDE OR ( x )-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Chenier</td>
<td>G.P. pg. 16</td>
<td>29 44 08.439</td>
<td>92 50 38.352</td>
<td>1847.4 259.8 1587.6</td>
</tr>
<tr>
<td>Catholic Church</td>
<td>1927</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marsh 1932</td>
<td>p.4</td>
<td>29 43 46.165</td>
<td>92 49 04.928</td>
<td>1847.4 1121.4 1426.0</td>
</tr>
<tr>
<td>Miller 1932</td>
<td>p.4</td>
<td>29 42 46.568</td>
<td>92 44 45.363</td>
<td>1847.4 1133.8 1413.6</td>
</tr>
<tr>
<td>Joseph 1955</td>
<td>p.287</td>
<td>29 37 32.62</td>
<td>92 45 40.200</td>
<td>1847.3 999.5 847.8</td>
</tr>
<tr>
<td>Joseph 1955 Sub. Pt.</td>
<td>Comp.</td>
<td>29 37</td>
<td>92 45</td>
<td>1847.3 961.7 885.7</td>
</tr>
<tr>
<td>Drake 1955</td>
<td>p.287</td>
<td>29 39 41.736</td>
<td>92 51 03.907</td>
<td>1847.4 1285.0 562.4</td>
</tr>
<tr>
<td>Ducklet 1955</td>
<td>p.292</td>
<td>29 42 35.273</td>
<td>92 48 41.106</td>
<td>1847.4 1086.1 761.3</td>
</tr>
</tbody>
</table>

1 FT = 0.3048006 METER

COMPUTED BY: H. Lucas DATE: 5/15/57
CHECKED BY: G. Amburn DATE: 5/16/57
<table>
<thead>
<tr>
<th>STATION</th>
<th>DATE OF INFORMATION (INDEX)</th>
<th>LATITUDE (N)</th>
<th>LONGITUDE (W)</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedge, 1886</td>
<td>G.p. pg 253</td>
<td>29 38 35.0</td>
<td>92 41 38.9</td>
<td>1077.5</td>
<td></td>
</tr>
<tr>
<td>Back, 1933 (1886)</td>
<td>253</td>
<td>29 37 57.9</td>
<td>92 37 35.4</td>
<td>1782.7</td>
<td></td>
</tr>
<tr>
<td>Little, 1955</td>
<td>Comp. 287</td>
<td>29 36 13.291</td>
<td>92 41 50.217</td>
<td>1409.2</td>
<td></td>
</tr>
<tr>
<td>Little Sub. Pt.</td>
<td>Comp. 1955</td>
<td>29 36</td>
<td>92 42</td>
<td>445.1</td>
<td></td>
</tr>
<tr>
<td>Superior D B,</td>
<td>292</td>
<td>29 38 17.616</td>
<td>92 38 25.884</td>
<td>542.4</td>
<td></td>
</tr>
<tr>
<td>Derrick, 1955</td>
<td></td>
<td>29 39 13.98</td>
<td>92 40 11.04</td>
<td>430.4</td>
<td></td>
</tr>
<tr>
<td>Andre, 1955</td>
<td>Comp. 292</td>
<td>29 39 11.8</td>
<td>92 4 0</td>
<td>445.8</td>
<td></td>
</tr>
<tr>
<td>Andre Sub. Pt.</td>
<td>Comp. 1955</td>
<td>29 39 11.8</td>
<td>92 4 0</td>
<td>302.7</td>
<td></td>
</tr>
<tr>
<td>Norman, 1955</td>
<td>292</td>
<td>29 39 43.32</td>
<td>92 40 39.70</td>
<td>1333.8</td>
<td></td>
</tr>
<tr>
<td>Norman Sub. Pt.</td>
<td>Comp. 1955</td>
<td>29 39</td>
<td>92 4 0</td>
<td>1331.2</td>
<td></td>
</tr>
<tr>
<td>Deep Lake Derrick,</td>
<td>292</td>
<td>29 39 11.974</td>
<td>92 4 3 43.120</td>
<td>368.7</td>
<td></td>
</tr>
<tr>
<td>Shell Well No. 1A,</td>
<td>292</td>
<td>29 34 46.226</td>
<td>92 4 6 37.986</td>
<td>1423.3</td>
<td></td>
</tr>
</tbody>
</table>

Note: 1 FT = 0.3048006 Meters

COMPUTED BY: H. Lucas DATE: 5/15/57
CHECKED BY: G. Amburn DATE: 5/16/57

(As of T-10639)
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>LONGITUDE OR X-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</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>Chuck 1955</td>
<td>G.P. p. 291</td>
<td>N.A. 1927</td>
<td>29 37</td>
<td>14.743</td>
<td>1435.9</td>
<td>1393.5</td>
<td>146.1</td>
<td>1468.1</td>
</tr>
<tr>
<td>Roll 1955</td>
<td>287</td>
<td>N.A. 1927</td>
<td>29 34</td>
<td>04.220</td>
<td>129.9</td>
<td>1717.5</td>
<td>396.5</td>
<td>678.6</td>
</tr>
<tr>
<td>Fur 1955</td>
<td>287</td>
<td>N.A. 1927</td>
<td>29 33</td>
<td>40.190</td>
<td>1237.4</td>
<td>610.0</td>
<td>(East of)</td>
<td></td>
</tr>
<tr>
<td>Fur Sub. Pt. 1955</td>
<td>N.A. 1927</td>
<td>29 33</td>
<td>1249.6</td>
<td>597.8</td>
<td>495.5</td>
<td>1119.7</td>
<td>(East of)</td>
<td></td>
</tr>
<tr>
<td>Marine Gasline Light A, 1955</td>
<td>291</td>
<td>N.A. 1927</td>
<td>29 29</td>
<td>42.485</td>
<td>1308.1</td>
<td>539.2</td>
<td>(South of)</td>
<td></td>
</tr>
<tr>
<td>Marine Gasline Light B, 1955</td>
<td>291</td>
<td>N.A. 1927</td>
<td>29 31</td>
<td>54.312</td>
<td>1672.2</td>
<td>175.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
COMPILED REPORT  
Project 20,000 808

This report covers twelve shoreline surveys compiled for the Bureau of Land Management and the State of Louisiana to furnish the 1954 low water line as interpreted from single-lens photographs taken by the Jack Ammann Corp. in January 1954. The T-sheet numbers covered in this report are as follows, with the corresponding B. L. M. numbers shown in parentheses: T-10629 (40), T-10630 (39), T-10631 (38), T-10632 (37), T-10633 (36), T-10634 (35), T-10635 (41), T-10636 (34), T-10637 (33), T-10638 (32), T-10639 (31), and T-10640 (30).

31. Delineation

The 1954 approximate MLWL and MHWL was graphically compiled from single-lens photographs having pass points common to 1957 nine-lens photography. The 1957 nine-lens photographs were used to lay the plot in this area. The 1957 MHWL and interior features were delineated using these photographs and are shown in black ink. The 1954 MLWL and MHWL are shown in red on the manuscripts.

Field inspection was available for T-10629 and T-10635. The remaining sheets were compiled without field inspection.

Road classifications were determined from existing Geological Survey quadrangles and/or photo interpretation for the area without field inspection. Photo interpretation was required for only a few new roads.

No buildings were shown due to the recent devastating hurricane "Audrey" in the area. A report from the field party noted that nearly all buildings were destroyed.

32. Control

The control was in general, adequate as to identification, density and placement. See the photogrammetric plot reports for a detailed discussion of control.

33. Supplemental Data

The following 1:62,500 scale Geological Survey quadrangles were used for road classifications and geographic names: Johnsons Bayou, Cameron, Sweet Lake, Hog Bayou, and Constance Bayou of edition of 1955 and Texas Point edition of 1949. See sub-heading 46.

34. Contours and Drainage

Inapplicable
35. Shoreline and Alongshore Features

As previously stated the 1954 shoreline was shown in red and the 1957 features in black. In most areas the 1957 MHWL had receded inshore from the 1954 MHWL. The 1954 sand beach limits were shown where they differ with the 1957 sand limits by a red dash line. All inshore features, with the exception of the above mentioned sand beaches, were compiled from the 1957 9-lens photographs.

36. Offshore Details

Inapplicable

37. Landmarks & Aids

See attached Form 567.

38. Control For Future Surveys

None

39. Junctions

A satisfactory junction was made with the prior survey (T-9110) to the eastward and between the surveys in this project.

40. Horizontal And Vertical Accuracy

No deficiencies were indicated.

41 - 45 Inapplicable

46. Comparison With Existing Maps

A comparison was made with the Geological Survey quadrangles covering this area. (See item 33) On USGS quadrangle Hog Bayou, La. published 1955 there is a lake labeled Millers Lake at 92° 46' - 29° 39'. Our nautical chart No. 1278 lists this lake as Tolan Lake, which was used. Except for minor shoreline and culture changes, these surveys agree with the quads.

47. Comparison With Nautical Charts

A comparison was made with nautical charts: No. 1278, scale 1:80,000; No. 1279, scale 1:80,000; No. 591, scale 1:40,000
12/10/56
Items to be applied to nautical charts immediately: None

Items to be carried forward: None

Submitted by:

Jeter P. Batley, Jr.
Cartographer

Approved:

Everett H. Ramey
Chief, Graphic Compilation Unit
Geographic Names:

All surveys:
- Louisiana Coast (Title)
- Gulf of Mexico

On the index:
- Abbeville
- Calcasieu Lake
- Erath
- Grand Lake
- Intracoastal City
- Karlan
- Louisiana Point
- Pecan Island
- Redfish Point
- Sabine
- Texas Point

T-10629
- Smith Bayou

T-10630
- Ocean View Beach
- Peveto Beach

T-10631
- Holly Beach
- Mud Lake
- Mud Pass

T-10632
- Calcasieu Pass
- Cameron
- Monkey Island

T-10633
- Mesquite Ridge

T-10634
- Hackberry Beach
- *Mermentau River
- Mesquite Ridge
- Oak Grove

T-10635
- East Jetty
- Louisiana
- Louisiana Point
- Sabine
- Sabine Pass
- Texas
- Texas Point
- West Jetty

T-10636
- Hackberry Beach

T-10637
- Beach Prong
- Crab Lake
- Hor Bayou

T-10638
- Joseph Harbor Bayou
- Tolan Lake

T-10639
- Big Constance Lake
- Little Constance Bayou

T-10640
- Big Constance Bayou
- Big Constance Lake
- East Constance Bayou
- East Little Constance Bayou
- Flat Lake
- Pigeon Bayou
- Rollover Bayou

* B.C.N.
## DEPARTMENT OF COMMERCE
### COAST AND GEODETIC SURVEY

### NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED **STRIKE OUT ONE**
TO BE DELETED **STRIKE OUT ONE**

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by B. Frank Lampton

---

**State:** Louisiana

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE*</th>
<th>LONGITUDE*</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcasieu Pass, Range Fronlt</td>
<td>29 46 26.65 93 20 14.72</td>
<td>N.A. Photo</td>
<td>1927 7-10632</td>
<td>1955 K X</td>
<td>591 1051</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcasieu Pass, Range Rear Lt.</td>
<td>29 46 46.56 93 20 30.82</td>
<td>1955 K X</td>
<td>1051 1279</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcasieu Pass, Light 52</td>
<td>29 47 32.77 93 20 15.79</td>
<td>1957 X X</td>
<td>1279</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcasieu Pass, E. Side Dredging</td>
<td>29 46 52.27 93 20 0.74</td>
<td>1955 X X</td>
<td>1051</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcasieu Pass, W. Side Dredging, Pt. Baybeacon</td>
<td>29 46 34.81 93 20 52.01</td>
<td>1955 X X</td>
<td>1051</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcasieu Pass, W. Side Dredging, Range, Near Baybeacon</td>
<td>29 47 1.00 93 20 56.31</td>
<td>1955 X X</td>
<td>1051</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcasieu Pass, Light 53</td>
<td>29 48 1.00 93 20 51.61</td>
<td>1955 X X</td>
<td>1051</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>St. John Is, Turn Light</td>
<td>29 48 11.00 93 20 57.27</td>
<td>Photo</td>
<td>1955 1051</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcasieu RadioBeacon (RED Calcasieu, 1965)</td>
<td>29 48 1.74 93 20 33.54</td>
<td>Triang.</td>
<td>1955 1051</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Gas Line, Light A</td>
<td>29 48 130.63 92 32</td>
<td>Triang.</td>
<td>1955 1051</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Gas Line, Light D</td>
<td>29 48 137.32 92 32</td>
<td>Triang.</td>
<td>1955 1051</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

Identified in the Washington Office on 1957 photographs, Photogrammetry Division, Graphic Compilation Unit.

---

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

**Chief of Party:** Ira R. Rubottom

---

Comm-DC 61327
62. **Comparison with Registered Topographic Surveys:**

<table>
<thead>
<tr>
<th>Manuscript</th>
<th>Scale</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-1356</td>
<td>1:20,000</td>
<td>1874</td>
</tr>
<tr>
<td>T-1642</td>
<td>1:20,000</td>
<td>1883</td>
</tr>
<tr>
<td>T-1643</td>
<td>1:20,000</td>
<td>1883</td>
</tr>
<tr>
<td>T-1644</td>
<td>1:20,000</td>
<td>1883</td>
</tr>
<tr>
<td>T-1654</td>
<td>1:20,000</td>
<td>1884-88</td>
</tr>
<tr>
<td>T-1655</td>
<td>1:20,000</td>
<td>1884-88</td>
</tr>
<tr>
<td>T-1688</td>
<td>1:30,000</td>
<td>1886</td>
</tr>
<tr>
<td>T-1689</td>
<td>1:30,000</td>
<td>1886</td>
</tr>
<tr>
<td>T-4057</td>
<td>1:20,000</td>
<td>1923</td>
</tr>
<tr>
<td>T-4060</td>
<td>1:20,000</td>
<td>1924</td>
</tr>
<tr>
<td>T-4061</td>
<td>1:20,000</td>
<td>1923</td>
</tr>
<tr>
<td>T-4779</td>
<td>1:10,000</td>
<td>1933</td>
</tr>
<tr>
<td>T-4791</td>
<td>1:20,000</td>
<td>1933</td>
</tr>
<tr>
<td>T-4794</td>
<td>1:20,000</td>
<td>1933</td>
</tr>
<tr>
<td>T-4795</td>
<td>1:20,000</td>
<td>1933</td>
</tr>
<tr>
<td>T-4922</td>
<td>1:20,000</td>
<td>1934</td>
</tr>
<tr>
<td>T-7041b</td>
<td>1:40,000</td>
<td>1947</td>
</tr>
<tr>
<td>T-8931</td>
<td>1:10,000</td>
<td>1947</td>
</tr>
<tr>
<td>T-8932</td>
<td>1:10,000</td>
<td>1947</td>
</tr>
</tbody>
</table>

Considerable differences exist between these surveys. The low and heavily inundated shore area is subject to continual change, particularly because of storms and hurricanes. The latest and devastating "Audrey" occurred in the fall of 1957, which was after the most recent photography and limited field inspection as applied in the compilation of this project. Subject compilation manuscripts supersede above-listed registered topographic surveys of common area and detailing as of August 1957.

63. **Comparison with Maps of Other Agencies:**

- **Cameron, La., 1:62,500, 1955, U.S. Geological Survey**
- **Sweet Lake, La., 1:62,500, 1955, U.S. Geological Survey**
- **Constance Bayou, La., 1:62,500, 1955, U.S. Geological Survey**

There is good agreement between these surveys.
64. **Comparison with Contemporary Hydrographic Surveys:**

There are no contemporary hydrographic surveys of this area.

65. **Comparison with Nautical Charts:**

<table>
<thead>
<tr>
<th>Chart</th>
<th>Scale</th>
<th>Revised Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>517</td>
<td>1:40,000</td>
<td>January 25, 1960</td>
</tr>
<tr>
<td>591</td>
<td>1:40,000</td>
<td>June 22, 1959</td>
</tr>
<tr>
<td>1278</td>
<td>1:80,000</td>
<td>December 21, 1959</td>
</tr>
<tr>
<td>1279</td>
<td>1:80,000</td>
<td>June 15, 1959</td>
</tr>
</tbody>
</table>

There are some disagreements in the shoreline, especially at Sabine Pass, Calcasieu Pass and at the mouths of the various bayous. However, it is not recommended that subject surveys be considered for the revision of these nautical charts. The subsequently occurring hurricane (Audrey in 1957) has altered the shoreline and inlets considerably, and the inclusion of these results would seem more appropriate.

66. **Adequacy of Results and Future Surveys:**

Subject surveys were compiled in accordance with project instructions and no inaccuracies are indicated. At the time of the Washington Office Review, however, the results appear inadequate because of continual changes in shoreline and culture.

Reviewed by

[Signatures]

Chief, Coastal Surveys

5/8/61

Assistant Director for Oceanography

[Signatures]
COMPILATION REPORT

RS-806 (T-10635)  RS-809 (T-10631)
RS-807 (T-10629)  RS-810 (T-10632)
RS-808 (T-10630)  RS-811 (T-10633)

The blackline impressions of surveys T-10629 thru T-10633 and T-10635, prepared by the Washington Office, were revised by graphic methods. The centers of the 1963 W photographs were located by holding to pass points and planimetric detail of the original surveys. It was found possible to identify a large percentage of the previous points. New shoreline pass points were located at the required spacing to the same accuracy as the base maps. There should be no difficulty in the location of signals.

The delineation of the shoreline was by office interpretation. Several offshore towers were located for possible use of the hydrographer.

The following aids were identified and the delineated positions verified:
- Sabine Pass Jetty Channel Range Rear Light (RS-806)
- Radiobeacon Calcasieu (RS-810)
- Calcasieu Pass Range Rear Light (RS-810)

The following aids were identified and repositioned:
- Sabine Pass Jetty Channel Range Front Light (RS-806)
- Calcasieu Pass Range Front Light (RS-810)
- Calcasieu Pass Light 52 (RS-810)

If needed, the positions of the following aids should be verified. They could not be identified in the office and remain as previously delineated:
- Calcasieu Pass East Side Dredging Range Front Daybeacon
- Calcasieu Pass West Side Dredging Range Front Daybeacon
- Calcasieu Pass East Side Dredging Range Rear Daybeacon
- Calcasieu Pass West Side Dredging Range Rear Daybeacon
- Calcasieu Pass Light 53
- Sabine Pass East Jetty Light (was not covered by photography)
- St. Johns Island Turn Light (was not covered by photography)

Submitted by

[Signature]
Joseph W. Vonasek
Supervisory Cartographer
6 August 1963

Approved

[Signature]
Joseph Steinberg
For
Miller J. Tonkel
CDR, C&GS
Baltimore District Officer
COMPILATION REPORT

RS-806 (T-10635)  RS-809 (T-10631)
RS-807 (T-10629)  RS-810 (T-10632)
RS-808 (T-10630)  RS-811 (T-10633)

The blackline impressions of surveys T-10629 thru T-10633 and T-10635, prepared by the Washington Office, were reviewed by graphic methods. The centers of the 1963 W. photographs were located by holding to pass points and planimetric detail of the original surveys. It was found possible to identify a large percentage of the previous points. New shoreline pass points were located at the required spacing to the same accuracy as the base maps. There should be no difficulty in the location of signals.

The delineation of the shoreline was by office interpretation. Several offshore towers were located for possible use of the hydrographer.

The following aids were identified and the delineated positions verified:
Sabine Pass Jetty Channel Range Rear Light (RS-806)

Radio beacon Calcasieu (RS-810)
Calcasieu Pass Range Rear Light (RS-810)

The following aids were identified and repositioned:
Sabine Pass Jetty Channel Range Front Light (RS-806)
Calcasieu Pass Range Front Light (RS-810)
Calcasieu Pass Light 52 (RS-810)

If needed, the positions of the following aids should be verified. They could not be identified in the office and remain as previously delineated:
Calcasieu Pass West Side Dredging Range Front Daybeacon
Calcasieu Pass West Side Dredging Range Front Daybeacon
Calcasieu Pass West Side Dredging Range Rear Daybeacon
Calcasieu Pass West Side Dredging Range Rear Daybeacon
Calcasieu Pass Light 53
Sabine Pass East Jetty Light (was not covered by photography)
St. Johns Island Turn Light (was not covered by photography)

Submitted by

Joseph N. Vonasek
Supervisory Cartographer
6 August 1965

Approved

Miller J. Tonkai
CDR, CMSS
Baltimore District Officer
NAUTICAL CHARTS BRANCH

SURVEY NO. T-10629 thru T-10640

Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-14-61</td>
<td>541</td>
<td>John M. McAlinden</td>
<td>Before After Verification and Review Completely applied</td>
</tr>
<tr>
<td>4/29/63</td>
<td>1051</td>
<td>Joe Wier</td>
<td>Consider T-10639 and T-10640 completely applied Before After Verification and Review to CH 1051</td>
</tr>
<tr>
<td>10-21-64</td>
<td>1278</td>
<td>Halee Holte</td>
<td>Before After Verification and Review Fully applied (T-10634-40)</td>
</tr>
<tr>
<td>1/7/66</td>
<td>1278</td>
<td>Felicia</td>
<td>Before After Verification and Review. No correction (T-10632-3) Before After Verification and Review</td>
</tr>
</tbody>
</table>

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.