Form 504
U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic
Field No. Ph-60(49)B. Office No. T-9387

LOCALITY
State Louisiana
General locality Chandeleur Sound
Locality North Island

1949 50-51

CHIEF OF PARTY
P.L. Bernstein, Chief of Field Party
J.E. Waugh, Photo, Office

LIBRARY & ARCHIVES

DATE May 15, 1958
DATA RECORD

T-9387

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

Field Office (II): Gulfport, Mississippi Chief of Party: Percy L. Bernstein
Photogrammetric Office (III): Tampa, Florida Officer-in-Charge: J. E. Waugh
Instructions dated (II) (III): 8 August 1950

Copy filed in Division of Photogrammetry (IV)

Office Files

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000
Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

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

Applied to Chart No.: Date: Date registered (IV): 5-20-57

Publication Scale (IV):

Publication date (IV):

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

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (2) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): CHANDELEUR LIGHTHOUSE, 1910 (on T-9384)

Lat.: 30° 02' 52.272 (1609.5m) Adjusted
Long.: 88° 52' 18.293 (490.1m)

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)

(II) (III)
DATA RECORD

Field Inspection by (II):  W. M. Reynolds
W. H. Nelson
J. H. Clark
J. E. Johnson

Date: Dec 1950 to
         Mar 1951

Planetable contouring by (II):  W. H. Nelson
J. H. Clark
J. E. Johnson

Date: Dec 1950
         Mar 1951

Completion Surveys by (II):  None

Date: 

Mean High Water Location (III) 9 May 1950 - Air Photo compilation
(State date and method of location):

Projection and Grids ruled by (IV):  T. L. J. (W.O.)

Date: 23 February 1951

Projection and Grids checked by (IV):  H. D. W. (W.O.)

Date: 26 February 1951

Control plotted by (III):  I. I. Saperstein

Date: 29 May 1951

Control checked by (III):  R. J. Pate

Date: 7 June 1951

Radial Plot of the

Radial Plot of the...  M. M. Slavney

Date: 4 September 1951

Control extended by (III):  Inapplicable

Date:

Stereoscopic Instrument compilation (III):

Contour

Date:

Manuscript delineated by (III):  C. J. Downing

Date: 15 December 1951

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

Date: 25 February 1952

Elevations on Manuscript checked by (III):  J. A. Giles

Date: 15 December 1951
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>25876</td>
<td>9 May 1950</td>
<td>10:24</td>
<td>1:20,000</td>
<td>No tide</td>
</tr>
<tr>
<td>25877</td>
<td>n</td>
<td>10:25</td>
<td></td>
<td>n</td>
</tr>
<tr>
<td>25878</td>
<td>n</td>
<td>10:26</td>
<td></td>
<td>n</td>
</tr>
<tr>
<td>25879</td>
<td>n</td>
<td>10:27</td>
<td></td>
<td>n</td>
</tr>
<tr>
<td>25880</td>
<td>n</td>
<td>10:28</td>
<td></td>
<td>n</td>
</tr>
<tr>
<td>26058</td>
<td>15 May 1950</td>
<td>16:30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tide (III)

Reference Station: PENSACOLA, FLORIDA
Subordinate Station: CHANDELEUR LIGHT, LA.

Diurnal

<table>
<thead>
<tr>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>0.9</td>
<td>1.2</td>
<td></td>
</tr>
</tbody>
</table>

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

Land Area (Sq. Statute Miles) (III): 5
Shoreline (More than 200 meters to opposite shore) (III): 38
Shoreline (Less than 200 meters to opposite shore) (III): None
Control Leveling - Miles (II): None
Number of Triangulation Stations searched for (II): 2
Number of BMs searched for (II): None
Number of Recoverable Photo Stations established (III): 8
Number of Temporary Photo Hydro Stations established (III): 0

Remarks:

Five recoverable topographic stations were located by triangulation or traverse and identified. Two unmarked traverse stations were also identified. All are of less than 3rd order accuracy.
Summary to Accompany Topographic Map T-9387

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

Project Ph-60 is a graphic compilation project. Field work in advance of compilation included the establishment of some additional control, complete field inspection, the delineation of 5-foot contours directly on the photographs by planimetal methods, and the investigation of geographic names and political boundaries.

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

Items registered under each map number will include a descriptive report, cloth-backed copies of the manuscript and the published map.
2. **AREAL FIELD INSPECTION**

This quadrangle is comprised of a part of the Chandelear Islands and a part of North Island. Chandelear Islands are a narrow strip of barrier beach which lies between Chandelear Sound and the Gulf of Mexico.

The Gulf side of these islands is a sand and shell beach, while the Sound side is marsh and mangrove swamp. There are occasional small areas of shifting sand dunes along the entire area.

North Island is a long, narrow strip of marsh and mangrove located in Chandelear Sound and approximately 3 miles west of Chandelear Island.

None of the islands are inhabited and have very little value commercially or otherwise, although North Island is a favorite spot for sport fishing.

Field inspection is believed to be complete and no items were left for field eddit.

The photograph tones range from white through gray to black. The white areas are sand and shell; the gray tones are marsh areas, which are covered by grass only, and shoal areas west of the island. The whiteness of some of the shoal area is determined by reflection and the shallowness of the water in the area. Some of the shoal area also photographs black, which is caused by a mud bottom and shallow water.

Field inspection is shown on photographs 25877, 25878, 25879, 25880, 26056, 26057, and 26058.

3. **HORIZONTAL CONTROL**

DEL 1921 and NORTH ISLAND 1921 were reported lost.

Seven stations of less than third-order accuracy were established for control of the plot, they are: recoverable topographic stations AUTO, BIRD, BUSY and COLA, and unmarked traverse stations H and M, located by traverse; and recoverable topographic station YARD, located by triangulation. For further details see "Special Report, Supplemental Control, Project Ph-60(49)B, Breton and Chandelear Sounds", forwarded to the Washington Office 16 April 1951. (Filed under project data, Div. of Photogrammetry)

Horizontal control was identified on photographs 25877, 25878, 25879, 25880, and 26057.

4. **VERTICAL CONTROL**

Planetary contours were controlled by water level elevation corrected to predicted heights from "Tide Tables, Atlantic Ocean, 1950" and "Tide Tables, East Coast, North and South America, 1951."

No bench marks were established and no supplemental levels were run.
5. **CONTOURS AND DRAINAGE**

Contouring was done directly on nine-lens photographs by standard planimetric methods. The Chandeleur Islands consists of spot elevations except for occasional groups of sand dunes. Where the dunes were large enough and stabilized, the contours were drawn in. In cases of shifting sand, spot elevations only were shown. North Island is mangrove swamp with no elevations above five feet.

Contouring was done on photographs 25877, 25878, 25879, 25880, and 26057.

6. **WOODLAND COVER**

Mangrove swamp is the only woodland cover.

7. **SHORELINE AND ALONGSHORE FEATURES**

The mean high water line along the Gulf of Mexico was located by determining an azimuth and distance from the previously mentioned traverse stations. The shoreline along the Sound side is all apparent except for the many shoals along the west side of the Chandeleur Islands. Some of these shoals are above mean high water but they are not noticeable from a boat offshore. This shoreline was indicated on the photograph by walking along the edge of mangrove and by running close inshore with a skiff. The shoreline around North Island is all apparent and should be drafted in along the offshore edge of the mangrove.

* Apparently field party delineated all mean high-water areas.

The low water line was not located.

There are no shoreline structures of any kind.

8. **OFFSHORE FEATURES**

The only offshore features are the shoals west of the Chandeleur Islands. They are sometimes bare for some distance offshore with a prolonged northerly wind. Any further information of these shoals will have to be obtained by a hydrographic party.

9. **LANDMARKS AND AIDS**

There are no landmarks or aids of any kind.

10. **BOUNDARIES, MONUMENTS, AND LINES**

The entire area is in St. Bernard Parish, Police Jury Ward 7. See "Special Report, Boundaries, Project Ph-60(49)\(^*\) to be forwarded at a later date. *Filed under project date, Div. of Photogrammetry.*

No monuments of any kind were recovered by the field inspection party.
11. OTHER CONTROL

The following recoverable topographic stations were established: BUSY 1950, BLUE 1950, CAVE 1950, AUTO 1950, BIRD 1950, GOLE 1920, and YARD 1950. All the stations except YARD 1950 were located from the traverse along the beach. YARD 1950 was located by triangulation referred to previously.

12. OTHER INTERIOR FEATURES

There are no other interior features worthy of note.

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-60(49)"*, to be submitted at a later date. *Filed in Geographic Names Section, Div. of Charts.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

"Special Report, Boundaries, Project Ph-60(49)", to be forwarded at a later date.

"Special Report, Geographic Names, Project Ph-60(49)", to be forwarded at a later date.

"Special Report, Supplemental Control, Project Ph-60(49)B, Breton and Chandeleur Sounds", forwarded to the Washington Office 16 April 1951.

Data, Quadrangle T-9387, letter of transmittal 60-11, forwarded to the Tampa Photogrammetric Office 20 April 1951.

Submitted
18 April 1951

\[Signature\]

for
William M. Reynolds
Cartographic Survey Aid

Approved
20 April 1951

\[Signature\]

Percy L. Bernstein
Chief of Party
PHOTOGRAMMETRIC PLOT REPORT

This report is filed as part of the Descriptive Report for T-9383 and covers maps T-9383 thru T-9393.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR y-COORDINATE</th>
<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLA, 1950</td>
<td>Field Comp. 1927</td>
<td>N.A.</td>
<td>29 59</td>
<td>32.46</td>
<td>999.5 (848.0)</td>
<td>16.4 (1,551.9)</td>
</tr>
<tr>
<td>BIRD, 1950</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 57</td>
<td>25.68</td>
<td>790.7 (1,056.7)</td>
<td>547.3 (1,061.6)</td>
</tr>
<tr>
<td>AUTO, 1950</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 56</td>
<td>26.83</td>
<td>826.1 (1,021.3)</td>
<td></td>
</tr>
<tr>
<td>BUSY, 1950</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 52</td>
<td>52.30</td>
<td>1,610.4 (237.1)</td>
<td>460.2 (1,149.9)</td>
</tr>
<tr>
<td>YARD, 1950</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 53</td>
<td>49.73</td>
<td>1,531.2 (316.2)</td>
<td>1,573.8 (36.0)</td>
</tr>
<tr>
<td>S.P. TRAVERSE STA. M</td>
<td>Comp</td>
<td>&quot;</td>
<td>29 55</td>
<td></td>
<td>1,149.0 (698.5)</td>
<td>236.6 (1,372.6)</td>
</tr>
<tr>
<td>S.P. TRAVERSE STA. H</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 58</td>
<td></td>
<td>712.3 (1,135.2)</td>
<td>920.5 (688.0)</td>
</tr>
<tr>
<td>S.P. YARD, 1950</td>
<td>&quot;</td>
<td>&quot;</td>
<td>29 53</td>
<td></td>
<td>1,501.7 (345.7)</td>
<td>1,563.3 (46.5)</td>
</tr>
</tbody>
</table>

* "H" and "M" are not described or monumented and are less than 3rd order accuracy.

1 FT. = 0.3048006 METER
COMPUTED BY: I.I. Saperstein
DATE: 18 May 1951
CHECKED BY: R. J. Pate
DATE: 23 May 1951
COMPILATION REPORT T-9387

PHOTOGRAMMETRIC PLOT REPORT.

Submitted with T-9383.

31. **DELINEATION.**

Compiled by the graphic method. No unusual methods were employed.

32. **CONTROL.**

Horizontal control was adequate. Identification, placement and density were satisfactory.

33. **SUPPLEMENTAL DATA.**

None. See §14

34. **CONTOURS AND DRAINAGE.**

Contours were transferred from the field photographs. No difficulties were encountered.

35. **SHORELINE AND ALONGSHORE DETAILS.**

No definite limits of shoal areas or low-water line were shown by the field inspector. Approximate limits of shallow areas have been mapped. In some instances, designation of apparent shoreline was disregarded by the field inspector and has been duly noted on the discrepancy overlay. See §47

36. **OFFSHORE DETAILS.**

No statement. See §58
37. **LANDMARKS AND AIDS.**

Reference Item 9.

38. **CONTROL FOR FUTURE SURVEYS.**

Form 52t has been submitted for each recoverable topographic station. A list of these stations has been prepared and included in Item 49. Station BALD, 1950, appears to have been inadvertently left out of those named under Item 11.

39. **JUNCTIONS.**

Joins T-9386 on the north — good agreement.
Joins T-9389 on the south — good agreement.
Bounded by water on the east and west.

40. **HORIZONTAL AND VERTICAL ACCURACY.**

No statement.  

41. **PUBLIC LAND LINES.**

No section corners were recovered therefore it was impossible to establish section lines.  

46. **COMPARISON WITH EXISTING MAPS.**

None available for comparison.  

See 862
17. COMPARISON WITH NAUTICAL CHARTS.

Comparison was made with Nautical Chart 1270, scale 1:80,000, dated 1924, corrected to 16 August 1951 and in general the agreement was good. Five small inlets shown on the Nautical Chart are now closed.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.

Charles J. Downing
Carto. Photo. Aid

APPROVED AND FORWARDED:

J. E. Waugh, Chief of Party
# Tide Computation

**Project No.** Ph-60(49)-T. 9387

## Time and Date of Exposure
- **Time:** 16:30, **Date:** 15 May 1950
- **Reference Station:** Pensacola, Florida
- **Mean Range:** Diurnal

## Date of Field Inspection
- **Date:** March 1951
- **Subordinate Station:** Chandelour Light
- **Ratio of Ranges:** 0.9

<table>
<thead>
<tr>
<th>Time</th>
<th>Height</th>
<th>Height x Ratio of Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>High tide</td>
<td>1.3</td>
<td>1.2</td>
</tr>
<tr>
<td>Low tide</td>
<td>-0.1</td>
<td>-0.1</td>
</tr>
<tr>
<td>Duration of Rise or Fall</td>
<td>11:00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Height</th>
<th>Height x Ratio of Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>High tide at Ref. Sta.</td>
<td>9:11</td>
<td></td>
</tr>
<tr>
<td>Time Difference</td>
<td>-0:30</td>
<td></td>
</tr>
<tr>
<td>Corrected Time at Subordinate Station</td>
<td>8:41</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Height</th>
<th>Height x Ratio of Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low tide at Ref. Sta.</td>
<td>20:11</td>
<td></td>
</tr>
<tr>
<td>Time Difference</td>
<td>-0:30</td>
<td></td>
</tr>
<tr>
<td>Corrected Time at Subordinate Station</td>
<td>19:41</td>
<td></td>
</tr>
</tbody>
</table>

## Ebb Time
- **Time:** 19:41
- **Interval:** 16:30

<table>
<thead>
<tr>
<th>Time</th>
<th>Ht. H.T./L.T.</th>
<th>Tabular Correction</th>
<th>Stage of Tide above MLW</th>
</tr>
</thead>
<tbody>
<tr>
<td>19:41</td>
<td>-0.1</td>
<td>0.2</td>
<td>Feature bares Feature above MLW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Ht. H.T./L.T.</th>
<th>Tabular Correction</th>
<th>Stage of Tide above MLW</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:30</td>
<td>0.2</td>
<td>0.1</td>
<td>Feature bares Feature above MLW</td>
</tr>
</tbody>
</table>

## Flow Time
- **Time:** 3:11
- **Interval:** 16:30

<table>
<thead>
<tr>
<th>Time</th>
<th>Ht. H.T./L.T.</th>
<th>Tabular Correction</th>
<th>Stage of Tide above MLW</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:11</td>
<td>0.1</td>
<td>Feature bares Feature above MLW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Ht. H.T./L.T.</th>
<th>Tabular Correction</th>
<th>Stage of Tide above MLW</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:30</td>
<td>Feature bares Feature above MLW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Computation: Computed by **G. J. Downing**; Checked by **R. E. Smith, Jr.**
<table>
<thead>
<tr>
<th>Time</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>High tide</td>
<td>1.0</td>
<td>0.9</td>
</tr>
<tr>
<td>Low tide</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>h. m.</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>High tide at Ref. Sta.</td>
<td>16 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time difference</td>
<td>-00 30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrected time at Subordinate station</td>
<td>16 01</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>h. m.</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low tide at Ref. Sta.</td>
<td>3 05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time difference</td>
<td>-0 30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrected time at Subordinate station</td>
<td>3 35</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time H. T.</th>
<th>h. m.</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required time</td>
<td>16:01</td>
<td>0.9</td>
<td>Feature bares</td>
</tr>
<tr>
<td>Interval</td>
<td>10:27</td>
<td>Tabular correction</td>
<td>Stage of tide above MLW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time H. T.</th>
<th>h. m.</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required time</td>
<td>0.3</td>
<td>Feature bares</td>
<td></td>
</tr>
<tr>
<td>Interval</td>
<td>0.6</td>
<td>Stage of tide above MLW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time H. T.</th>
<th>h. m.</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required time</td>
<td>0.6</td>
<td>Feature bares</td>
<td></td>
</tr>
<tr>
<td>Interval</td>
<td>0.9</td>
<td>Stage of tide above MLW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time H. T.</th>
<th>h. m.</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required time</td>
<td>0.9</td>
<td>Feature bares</td>
<td></td>
</tr>
<tr>
<td>Interval</td>
<td>0.3</td>
<td>Stage of tide above MLW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time H. T.</th>
<th>h. m.</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required time</td>
<td>0.6</td>
<td>Feature bares</td>
<td></td>
</tr>
<tr>
<td>Interval</td>
<td>0.9</td>
<td>Stage of tide above MLW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time H. T.</th>
<th>h. m.</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required time</td>
<td>0.9</td>
<td>Feature bares</td>
<td></td>
</tr>
<tr>
<td>Interval</td>
<td>0.3</td>
<td>Stage of tide above MLW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time H. T.</th>
<th>h. m.</th>
<th>Height</th>
<th>Height x Ratio of ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required time</td>
<td>0.6</td>
<td>Feature bares</td>
<td></td>
</tr>
<tr>
<td>Interval</td>
<td>0.9</td>
<td>Stage of tide above MLW</td>
<td></td>
</tr>
</tbody>
</table>

Computed by C.J.Downing | Checked by R.E.Smith Jr
PHOTOGRAMMETRIC OFFICE REVIEW
T. 9387

50.

1. Projection and grids J.G.
2. Title J.G.
3. Manuscript numbers J.G.
4. Manuscript size J.G.

CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy M.M.S.
6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) J.G.
7. Photo hydro stations XXX
8. Bench marks J.G.
9. Plotting of sextant fixes XXX
10. Photogrammetric plot report J.G.
11. Detail points J.G.

ALONGSHORE AREAS
(Nautical Chart Data)
12. Shoreline J.G.
13. Low-water line J.G.
14. Rocks, shoals, etc. J.G.
15. Bridges XXX
16. Aids to navigation XXX
17. Landmarks XXX
18. Other alongshore physical features J.G.
19. Other alongshore cultural features J.G.

PHYSICAL FEATURES
20. Water features J.G.
21. Natural ground cover J.G.
22. Plenetable contours J.G.
23. Stereoscopic instrument contours XXX
24. Contours in general J.G.
25. Spot elevations J.G.
26. Other physical features J.G.

CULTURAL FEATURES
27. Roads XXX
28. Buildings XXX
29. Railroads XXX
30. Other cultural features XXX

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

MISCELLANEOUS
33. Geographic names J.G.
34. Junctions J.G.
35. Legibility of the manuscript J.G.
36. Discrepancy overlay J.G.
37. Descriptive Report J.G.
38. Field inspection photographs J.G.
39. Forms J.G.

40. Jesse A. Giles
   Reviewer

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler
Supervisor

43. Remarks:

M-2623-12
62. **Comparison with Registered Topographic Surveys:**
   - T-548  1:20,000  1855
   - T-549  "  "  
   - T-3917  "  "  1922
   - T-3985  "  "

   Many large changes in shoreline have occurred since these surveys. For the area it encompasses, T-9387 should supersede these prior surveys for nautical charting purposes.

63. **Comparison with Maps of Other Agencies:**
   None

64. **Comparison with Contemporary Hydrographic Surveys:**
   None

65. **Comparison with Nautical Charts:**
   1270  1:80,000  1947, corrected to 54-10/18

   Apparently, T-9387 was applied in its entirety to this chart. During this review a few changes were made to the map manuscript which are shown in red.

66. **Adequacy of Results and Future Surveys:**
   This map meets the National Standards of Map Accuracy and complies with Bureau requirements.

67. **Shoreline:**
   Reference, Item 35. The apparent shoreline referred to is around part of North Island where a narrow shell ridge 4' high has built up. This has been mapped as fast shoreline.

Reviewed by:

Everett H. Ramsey

APPROVED:

Laton L. Landis  Chief, Review Section
Photogrammetry Division

May H. Sackett  Chief, Nautical Chart Branch
Charts Division

A. B. Bell  Chief, Photogrammetry Division

Chief, Coastal Surveys Division
48. GEOGRAPHIC NAME LIST.

BRETON NATIONAL WILDLIFE REFUGE

CHANDLEUR ISLANDS
CHANDLEUR SOUND

GULF OF MEXICO
LOUISIANA
NORTH ISLANDS

POLICE JURY WARD NO. 7 (Not mapped)

SHOALWATER BAY
SMACK CHANNEL
ST BERNARD PARISH

Names underlined in red are approved. 8-24-52

L. Heck
49. **NOTES FOR THE HYDROGRAPHER.**

The following list of recoverable topographic stations may be useful to the hydrographer:

- **AUTO,** 1950
- **BALD,** 1950
- **BIRD,** 1950
- **BLUE,** 1950
- **BUSY,** 1950
- **CAVE,** 1950
- **COLA,** 1950
- **YARD,** 1950