DESCRIPTIVE REPORT

Topographic
Hydrographic
Sheet No. "0"

State Louisiana

LOCALITY
East & West Cote Blanche Bays
West of Stohsaugua Bay
North shore of Marsh island and
Marone Pt. & Vicinity
part of East and West Cote-Blanche
Bays.

1935

CHIEF OF PARTY
Thos. B. Reed
The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No.: "O".............

REGISTER NO.

State: Louisiana

General locality: West of Atchafalaya Bar, East & West Cote Blanche Bays

Locality: North Shore of Marsh Island and part of East and West Cote-Blanche Bays.

Scale: 1:20,000........ Date of survey: June - July........ 1935

Vessel: Field Party No. 4.

Chief of party: Thos. B. Reed

Surveyed by: T. F. Squires

Inked by: T. F. Squires

Heights in feet above--to ground to tops of trees

Contour, Approximate contour, Fore line interval--feet

Instructions dated: June 26, 1934; January 19, 1935........ 19...


Remarks: Topography shown on both sides of sheet.
DESCRIPTIVE REPORT
to accompany

Topographic Sheet "O"

Marsh Island    Louisiana

North Shore of Marsh Island and Shore of East and West Cote Blanche Bays.

Field Party No. 4    Thos. B. Reed, Chief of Party.

Project No. H. T. 156

DATE OF INSTRUCTIONS:    June 26, 1934; January 19, 1935; Letter

DATE OF SURVEY:    June and July 1935.

LIMITS:

This sheet includes the shore line of the north shore of Marsh Island from Triangulation Station KEY, west to the northern end of Southwest Pass, the north and east shore line of East Cote Blanche Bay from Marone Point to Triangulation Station SALT, the shore line of West Cote Blanche Bay from Cote Blanche Island to Marone Point, and the shore line of The Jaws to join with the shore line of the Intracoastal Canal.

SURVEY METHODS:

This survey was made by the usual plane table methods, stadia traverses being run between triangulation stations. The following traverses were run: Salt to Yellow; Bayou to Yellow; Bayou to Twin; Jaws to Twin; Bluff to Jaws; Key to Ned; Ned to North; North to Pass; and a traverse around Marone Point.

Another traverse was run from Triangulation Station JAWS to B. M. 1357+00 on the Intracoastal Canal. When at B. M. 1357+00 it was found that although this B. M. was correct on Topographic Sheet No. T-6178 an error existed between B. M. 1357+00 and B. M. No. 75. The traverse was therefore continued down the Intracoastal Canal to B. M. No. 72 and back through the southern waterway to Station JAWS, closing exact. This traverse was thoroughly checked and the topographic details on Sheet No. T-6178 have been corrected.

Triangulation Stations YELLOW and TWIN could not be found from the original description so a traverse was run from station BAYOU to both of these stations using a magnetic orientation, the closing error being obtained by swinging the shore line into these stations.

CLOSURES:

The following are the closures obtained on the above traverses:

<table>
<thead>
<tr>
<th>Traverse</th>
<th>Measured</th>
<th>Long.</th>
<th>Adjusted</th>
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</thead>
<tbody>
<tr>
<td>Salt to Yellow</td>
<td>12</td>
<td>long</td>
<td>adjusted</td>
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<td>Bayou to Yellow</td>
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<tr>
<td>Marone Point Tra.</td>
<td>6</td>
<td>short</td>
<td>&quot;</td>
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<tr>
<td>Bayou to Twin</td>
<td>18</td>
<td>long</td>
<td>&quot;</td>
</tr>
<tr>
<td>Jaws to Twin</td>
<td>15</td>
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<tr>
<td>Bluff to Jaws</td>
<td>20</td>
<td>long</td>
<td>&quot;</td>
</tr>
<tr>
<td>Key to Ned</td>
<td>40</td>
<td>long</td>
<td>&quot;</td>
</tr>
<tr>
<td>Ned to North</td>
<td>12</td>
<td>long</td>
<td>&quot;</td>
</tr>
<tr>
<td>North to Pass</td>
<td>30</td>
<td>long</td>
<td>&quot;</td>
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</tbody>
</table>
CONTROL: Control for this sheet consisted of the following triangulation stations; SALT 1933; YELLOW 1933; BAYOU 1933; TWIN 1933; JAWS 1933; BLUFF 1933; KEY 1933; NED 1933; NORTH CONSERVATION TOWER 1933; North 1933; WEST CONSERVATION TOWER 1933; and PASS 1933.

GENERAL DESCRIPTION: For the most part the entire area covered by this sheet consists of low marsh, in many places there is high marsh grass eight to ten feet high for a few feet back from the shore line. There are a few small shell beaches along the north shore of Marsh Island. North of Triangulation Station SALT there is a thickly wooded area and along these woods there is a small foul area with many old stumps in the water.

AT Cote Blanche Island there is a high yellow clay bluff, thickly wooded, and being about forty nine feet at the highest point. This bluff can be seen for a considerable distance in the bays. There is a foul area extending for some distance into the water along this bluff filled with old piles and stumps.

The sign boards shown on the north shore of Marsh Island are large white No Trespassing signs placed there by the Louisiana Conservation Commission.

The old C. & G. S. Reference Mark recovered at the end of Marone Point is in about two feet of water, the arrow pointing to the south west. There is no name or number on this Reference Mark.

No trace could be seen of Sally Island shown on Chart No. 1277 and according to local residents this island has been gone for some time. This island should be removed from the charts.

There is very little difference along the shore line of this sheet between the ordinary high and low water lines, the only place where any difference was noted in making the survey was along the south shore of Marone Point.

COMPARISON WITH PREVIOUS SURVEYS: Copies of the old survey sheets in this region are not available for making comparisons but there is a considerable change in the north shore of Marsh Island as compared with Chart No. 1277.

GEOGRAPHIC NAMES: The following names of Bayous shown on this sheet and not shown on the charts were obtained from local residents and from the caretakers of Marsh Island; Yellow Bayou; Jackson Bayou; Bayou Blanc; and Bird Island Bayou. The name Bayou Mascot, shown near The Jaws was obtained from the U. S. E. D. Quadrangle.

It is recommended that Jaws or Little Bay shown on Chart No. 199 be shown as "The Jaws" on the new chart as this is the name commonly used by local residents. The name "Little Bay" is practically unknown locally. From all the information that can be obtained locally the word "THE" is a part of this name.
LAND MARKS FOR CHARTS:

The only objects of any prominence in the area covered by this sheet are the North and West Conservation Towers on Marsh Island.

STATISTICS:

61 miles of shore line were surveyed on this sheet.

Approved and forwarded,

Thos. B. Reed
Lieut. C. & G. Survey
Chief of Field Party No. 4

Respectfully submitted,

T. F. Squires
<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
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<td>Vermilion Bay</td>
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<td>Marsh Island</td>
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<td>West Cote Blanche Bay</td>
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<td>Bird Island Bayou</td>
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<td>East</td>
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<td>West Cote Blanche Bay</td>
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<tr>
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<td>Bayou Mascot</td>
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<td>Jackson Bayou</td>
<td>U.S.Eng Quad</td>
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<tr>
<td></td>
<td>Yellow Bayou</td>
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<td>Bayou Long</td>
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</table>
Title (Par. 56)

Chief of Party T. B. Reed Surveyed by T. F. Squires Inked by T. F. Squires


1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.)

2. The character and scope of the survey satisfy the instructions.

3. The control and closures of traverses were adequate. (Par. 12, 29.)

4. The amount of vertical control that the Manual specifies for contours was accomplished. (Par. 18, 19, 21, 22, 23.)

5. The delineation of contours is satisfactory. (Par. 49, 50.)

6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 23.)

7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 45, 44.)

8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.)

9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)

10. The span, draw and clearance of bridges are shown. (Par. 10c.)

11. Locations and elevations of summits are given. (Par. 16, 16a.)

12. The tree line was shown on mountains. (Par. 16c.)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.
9. Note A: A general recession of the shoreline between long. 91°44' and 91°49' has taken place since the old surveys as well as considerable changes in the adjacent islands most of which are considerably smaller and others have worn away entirely.

Note B: Sally Island (charted in lat. 29°39' long. 91°32') no longer exists (see Des. Rep. page 2 par. 7). There are minor differences in details, and a general recession of the marsh shoreline is indicated.
13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.)

14. The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.

15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DAs and DPs, 68.)

16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.)

17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.)

18. The geographic datum of the sheet is N. A. 1927 and the reference station is correctly noted. (Par. 34.)

19. Junctions with contemporary surveys are adequate.

20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 65.)

21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 29, 40, 41, 42, 45, 46, 47, 48, 49, 50.)

22. No additional surveying is recommended.

23. The Chief of Party inspected and approved the sheet and the descriptive report after review by.

24. Remarks:

Reviewed in office by G. Reiss  Jan 13, 1936
Examinend approved: W.A. Reiss

Chief, Section of Field Records Chief, Section of Field Work

Chief, Division of Charts Chief, Division of Hyd. and Top.
Title (Par. 56)

Chief of Party T. B. Reed Surveyed by T. F. Fraser Inked by T. F. Fraser


1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.)

2. The character and scope of the survey satisfy the instructions.

3. The control and closures of traverses were adequate. (Par. 12, 29.)

4. The amount of vertical control that the Manual specifies for contours is satisfied. (Par. 18, 19, 20, 21, 22, 23.)

5. The delineation of contours is satisfactory. (Par. 49, 50.)

6. There is sufficient control on maps from other sources that were transmitted by the Field Party to enable their application to the charts. (Par. 26.)

7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 45, 44.)

8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.)

9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)

Moorue Pk. (Lat. 29° 18' long. 91° 45') has narrowed somewhat but its position is approximately the same. 3R Verified Jan. 13, 1936.

10. The span, draw and clearance of bridges are shown. (Par. 16c.)

11. Locations and elevations of summits are given. (Par. 19, 51.)

12. The tree line was shown on mountains. (Par. 16d.)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.
13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.)

14. The descriptive report also contains additional information required in connection with type of photographs, method of compilation and type of ground control.

15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DPs, 68.)

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19. Junctions with contemporary surveys are adequate.

20. Geographic names are shown on the sheet and are covered by the descriptive report. (Par. 64, 66K.)

21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 29, 40, 41, 42, 45, 46, 47, 48, 49, 50.)

22. No additional surveying is recommended.

23. The Chief of Party inspected and approved the sheet and the descriptive report after surveying.

24. Remarks:

Reviewed in office by

Examinred and approved:

Chief, Section of Field Records
Chief, Section of Field Work

Chief, Division of Charts
Chief, Division of Hyd. and Top.