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U. S. COAST & GEODETIC SURVEY
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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic }
~~Hydrographic~~ } Sheet No. "0"

State Louisiana

LOCALITY
East & West Cote Blanche Bays
~~West of Atchafalaya Bay,~~

North Shore of Marsh Island and
Marone Pt. & Vicinity
~~part of East and West Cote Blanche~~
Bays.

193 5

CHIEF OF PARTY

Thos. B. Reed

U. S. GOVERNMENT PRINTING OFFICE: 1934

6347a b

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

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. "0" **T6347**

REGISTER NO.

State Louisiana

General locality ~~West of Atchafalaya Bay~~ 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, Form line interval ----- feet

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

Letter dated May 22, 1935, No. 22-MEK-1990 (4)

Remarks: Topography shown on both sides of sheet.

DESCRIPTIVE REPORT
to accompany

Topographic Sheet "0"

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 dated May 22, 1935, No. 22-MEK- 1990 (4).

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:-

Salt to Yellow	12 meters	long	adjusted
Bayou to Yellow	3 "	short	"
Marone Point Tra.	6 "	short	"
Bayou to Twin	18 "	long	"
Jaws to Twin	13 "	short	"
Bluff to Jaws	20 "	long	"
Key to Ned	40 "	long	"
Ned to North	12 "	long	"
North to Pass	30 "	long	"

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.

MSR

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

Respectfully submitted,

T. F. Squires
T. F. Squires,
Surveyor, C. & G. Survey.

Survey No. T6347a&b

GEOGRAPHIC NAMES

Date. Aug. 22, 1935

Chart No. 1116 & 1277 & 199

Diagram No.

Approved by the Division of Geographic Names, Department of Interior. ✕

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>Vermilion Bay</u> ✓	✓ same			
	<u>Marsh Island</u> ✓	✓ "			
	<u>West Cote Blanche Bay</u> ✓	✓ "			
	<u>Bird Island Bayou</u> ✓	✓	same		
		Sally Island			
	East <u>West Cote Blanche Bay</u> ✓	✓ same			
	<u>Cote Blanche Island</u> ✓	✓ "			1276
		✓ <u>Cote Blanche Landing</u> ✓			1276
	<u>The Jaws</u> ✓	✓ Jaws Bay or Little Bay	The Jaws		1276
		Cote Blanche			
	<u>Bayou Mascot</u> ✓	✓ U.S.G.S. Quad			1276
	<u>Marone Pt.</u> ✓	✓ same			1276
	<u>Point No Point</u> ✓	✓ "			1276
	<u>Jackson Bayou</u> ✓	✓ U.S. Eng Quad	same		1276
	<u>Yellow Bayou</u> ✓	✓ "			1276
	<u>Salt Point</u> ✓	✓ "			1276
	<u>Bayou Blanc</u> ✓	✓	same		
		✓ Bayou Carlin (U.S. Eng Quad)			1276
		✓ Bayou Long (" " ")			1276

REVIEW OF TOPOGRAPHIC SURVEY No. *6347 a (1935) 35**Field No. "0"*

Title (Par. 56)

Chief of Party *T. B. Reed* Surveyed by *T. F. Squires* Inked by *T. F. Squires*Ship *Field Party No. 4* Instructions dated *June 26, 1934* Surveyed in *June-July, 1935*.

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 formlines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours formlines 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. 28.)~~
7. High water line on marshy and mangrove coast is clear and adequate ✓
for chart compilation. (Par. 16a, 43, 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.) ✓

From ~~Lat. 29° 34' - 29° 45.3'~~ *From* ~~Lat. 29° 34' - 29° 38'~~ } *see note*
~~Longs. 91° 32' - 91° 42'~~ *Longs. 91° 44' - 91° 51'* } *on reverse side*
Verified Jan. 13, 1936 (BR)

Balance of sheet compared with prior surveys. See Note B.
10. The span, draw and clearance of bridges are shown. (Par. 16c.) *R/S Jan. 19, 1937.*
11. ~~Locations and elevations of summits are given. (Par. 19, 51.)~~
12. ~~The tree line was shown on mountains. (Par. 16g.)~~

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
longs. $91^{\circ}44'$ and $91^{\circ}49'$ 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. $29^{\circ}39'$ long. $91^{\circ}52'$)
no longer exists (see Desc. Rep. page 2 par. 7). There
are minor differences in details and a general
recession of the marsh shoreline is indicated

Rf6

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 DMs 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.) *Seconds in meters omitted*
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, 39, 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 revision by~~
24. Remarks:

Reviewed in office by *G. Riegan Jan. 13, 1936*
Inspected by A. L. Schmitt

Examined and approved:

B. K. Green
 Chief, Section of Field Records

Frederick L. Peacock
 Chief, Section of Field Work

Chief, Division of Charts

Chief, Division of Hyd. and Top.

REVIEW OF TOPOGRAPHIC SURVEY No. *63476 (1935)*
Field No. "0"

Title (Par. 56)

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

Ship *Field Party No. 4* Instructions dated *June 26, 1934* Surveyed in *June-July, 1935.*

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, form lines, was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours, form lines, 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. 28.)~~
7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 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.) ✓
since the old surveys
Maone Pt. (Lat. $29^{\circ}38'$ long. $91^{\circ}40'$) has narrowed somewhat, but its position is approximately the same. B.R. Verified Jan. 13, 1936
Jan. 20, "
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. 16g.)~~

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 aere 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 DMs 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.) *No evidence that the declination was checked* ✓
18. The geographic datum of the sheet is *N. A. 1927* and the reference station is correctly noted. (Par. 34.) *Seconds in meters omitted,*
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, 39, 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

S. Ricciani
Inspected by A. L. Shalant

Examined and approved:

C. J. Green
 Chief, Section of Field Records

L. O. Colburn
 Chief, Division of Charts

Fred. L. Peacock
 Chief, Section of Field Work

Stude
 Chief, Division of Hyd. and Top.