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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

State: Louisiana

DESCRIPTIVE REPORT

Photo
Topographic
~~Hydrographic~~

} Sheet No. T-5321 5321

LOCALITY

Mississippi Sound

Malheureux Pt. to Greque

Bayou

193 4

CHIEF OF PARTY

M. H. Reese, Jr., E. & G. Engr.

5321

Applied to Oct 1268. Aug 1939. N.A.S.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 5321

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. 34

REGISTER NO. T-5321 **5321**

State Louisiana

General locality Mississippi Sound

Locality Malheureux Pt. to Greque Bayou

Scale ~~1:24,000~~ ^{20,000} Photographs: 11/28/32
Date of ~~survey~~ 11/2/32, 19

~~Wasson~~ Air Photo Compilation Party No. 24, New Orleans, La.

Chief of party M. H. Reese

Surveyed by See data sheet in descriptive report.

Inked by A. J. Mc Corkle

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

Contour, Approximate contour, Form line interval ----- feet

Instructions dated November 7, 1933.

Remarks: Compiled on a scale of 1:24,000 and enlarged and printed on scale of 1:20,000 by Photo-Lithography. Process

- NOTES ON COMPILATION-

SHEET NO. T-5321

FIELD NO. 34

PHOTOS, NO	DATE OF PHOTOGRAPHS	TIME
901-911	11/28/32	11:07 to 11:12 A. M.
951-960	11/2/32	11:19 to 11:23 A. M.

	BY	DATE
PROJECTION BY	<u><i>E. P. Hernandez</i></u> E. P. Hernandez	<u>5/12/34</u>
PROJECTION CHECKED BY	<u><i>J. C. Dobler</i></u> J. C. Dobler	<u>5/12/34</u>
CONTROL PLOTTED BY	<u><i>John Gidiere</i></u> John Gidiere	<u>5/14/34</u>
CONTROL CHECKED BY	<u><i>H. C. Caulfield</i></u> H. C. Caulfield	<u>5/14/34</u>
RADIAL LINE PLOT BY	<u><i>F. A. Donadieu</i></u> F. A. Donadieu	<u>5/15-16/34</u>
RADIAL LINE PLOT CHECKED BY	<u><i>A. J. Mc Corkle</i></u> A. J. Mc Corkle	<u>5/23/34</u>
DRAFTING OF PHOTOGRAPHS BY	<u><i>A. J. Mc Corkle</i></u> A. J. Mc Corkle	<u>5/23 to 6/1/34</u>
PASTING OF NAMES BY	<u><i>A. J. Mc Corkle</i></u> A. J. Mc Corkle	<u>6/5/34</u>
REVIEW OF COMPILATION BY	<u><i>A. J. Mc Corkle</i></u> A. J. Mc Corkle	<u>6/2/34</u>

AREA OF DETAIL INKED-- 30.5 sq. Statute Miles

LENGTH OF SHORELINE-- (more than 100 meters from the nearest opposite shore)-- 184 Statute Miles.

COMPILER'S REPORT

FOR

PHOTO TOPOGRAPHIC SHEET, FIELD NO. 34

GENERAL INFORMATION:

Instructions dated November 7, 1933.

The information used in the compilation of this sheet was obtained from the field photographs, and from members of the field inspection party in questionable areas.

The accompanying Notes on Compilation gives all data relative to the compilation of this sheet.

The high water line, as shown, was taken directly from the photographs. The daily tide variation is small, usually from one to two feet, and no appreciable error is thought to have been caused by this variation. The area mapped within the limits of this sheet is entirely devoid of cultivation.

This sheet was compiled from photographs taken by the U. S. Army Air Corps' five lens, T-5A Camera, No. 32-3, photograph numbers 901-911 (West Flight) approximately parallel with Longitude $89^{\circ}26'$ and 951-960 (East Flight) approximately parallel with Longitude $89^{\circ}19'$.

CONTROL:

(A) Sources:

The following sources of control were used in the compilation of this sheet:

(a) Triangulation by Lt. Comdr. R. L. Schoppe and Lt. W. H. Bainbridge, in 1934.

The geographic positions are on the North American 1927 Datum. The field computations were used in this compilation.

(B) Errors:

The control is adequate for this sheet and the radial plot gave good intersections.

(C) Discrepancies:

No discrepancies in position of control stations were found. No control stations established by other organizations were used in this compilation.

COMPILATION:

(A) Method:

The usual five lens radial line method of plotting was used throughout in the compilation of this sheet.

(A) Adjustment of Plot:

The photographs in the two strips covering the area shown by this sheet appear to be free of excessive tilt and

Note: The photo plot on this compilation was complicated to some extent by the fact that many of the photo centers fall over the water. However, this difficulty is compensated for ~~to some extent~~ ^{in part} by the quality of the photographs which are reported as free of large tilts. The compilation-accuracy of location given at the bottom of the opposite page is too high. A better estimate is an accuracy of location of 10 to 20 meters.

B. G. Jones

scale fluctuations. The radial plotting required no unusual adjustments.

(C) Interpretation:

The photographs and the field inspection showed the whole area to be marsh. Part of the area was inaccessible to the field inspection party, but this is not thought to have caused any error in the interpretation of the character of the area shown, as it is shown to be typical marsh land by the photographs.

Boundaries of water areas shown by a dashed line are indefinite, being caused by a very irregular shore line that is subject to change.

Only the usual graphic symbols were used as approved by the Board of Surveys and Maps (1932).

(D) Information from Other Sources:

No information from sources other than the photographs and the report of the field inspection party was used in the compilation of this sheet. The photographs were clear and it is believed that the compilation is correct in all details.

(E) Conflicting Names:

The names shown on this sheet were taken from U. S. Coast and Geodetic Survey Chart No. 1268 and from the War Department's Map of Southern Louisiana and the Field Inspection Party. No names were found to be in conflict.

COMPARISON WITH OTHER SURVEYS:

The junction with the adjoining sheets to the North, T-5320; South, T-5322; East, T-5313; and West, T-5326; are satisfactory. Comparing this sheet with U. S. Coast and Geodetic Survey Chart No. 1268, it is found that the general outline of the shore line and islands is similar. Several small islands in the vicinity of Dead Man's Island, ~~shown on this sheet, do not~~ shown on U. S. Coast and Geodetic Survey Chart No. 1268, *do not appear on this compilation.*

LANDMARKS:

There are no prominent landmarks in this area suitable for navigation that have been recommended by the field inspection party.

RECOMMENDATIONS FOR FURTHER SURVEYS:

The compilation of this sheet is believed to have a probable error of five meters in well defined detail of importance for charting and of ten meters for other detail. There was no need to exaggerate any detail of importance in order to keep it distinct in the photo-

see opposite page

lithographic process.

To the best of my knowledge this sheet is complete in all details of importance for charting purposes, within the accuracy stated above and no additional surveys are required.



Approved by: M. H. Reese.
Chief of Party.

Submitted by: A. J. Mc Corkle.
Draftsman

Comparison with other Surveys: See also page 3 of the report.
Comparison with the chart 1268, and with the older surveys T 404 (1853),
T405 (1853) and T 3664(1916 to 1918) shows the larger features to have remained
about the same but there have been many changes in the small islands and
points. Some of the smaller Islands have disappeared and new ones are
have appeared in a few places. The compilation is adequate to supersede
the old surveys.

B.G. Jones

Note: Round Island at Lat $30^{\circ}07'2''$ Long $89^{\circ}28'$
on chart 1268 no longer exists except
as a shoal. From examination of photos. 2/17/36.

B.G.J.
2/17/36

REVIEW OF PHOTO TOPOGRAPHIC SURVEY NO. T-5321

Title (Par. 56) Forwarded with Sheet.

Chief of Party M. H. Reese

Compiled by A. J. Mc Corkle

Project Louisiana Air Photo Compilation Instructions dated Nov. 7, 1933.

Party No. 24

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 8; and 16, a, b, c, d, e, g and i.) Note: Par. 8 not applicable to this party.
2. The character and scope of the compilation satisfy the instructions and the "Notes on the Compilation of Planimetric Line Maps from Five Lens Aerial Photographs".
3. The control and adjustment of the radial plot were adequate. (Par. 12, 29.) *see note opposite page 3*
4. There is sufficient control on maps from other sources that were transmitted by the field party for their application to the charts. (Par. 28.) None submitted.
5. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 44.)
6. 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.) See Par. C, Page 3 of Des. Report.
7. Important details shown on previous surveys and on the chart have been compared with this sheet and a statement has been entered in the report regarding the removal from the chart or change in position of important detail such as rocks, lights, beacons, prominent objects, bridges, docks, and structures along the water front. No changes in such details have been noted on this sheet. *see opposite page*
8. The span, draw and clearance of bridges are shown. (Par. 16c.)
None
9. The data furnished by the Field Inspection is adequate.

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.

* Name Malheroux point as submitted by the compiler and as shown on chart has been changed to ^{Malheureux} ~~Malheroux~~ Pt which is the correct spelling of the word.

The name Nine Mile Bay is shown ~~her~~ on the compilation. The chart shows Ninemile Bay and Nine Mile Bayou. It seems the two names should be spelled the same and Nine Mile is the more logical spelling.

B.g.f.

- 10. The descriptive report covers all details listed in the Manual, so far as they apply to this survey. (Par. 64, 65 and 66.)
- 11. The descriptive report also contains all additional information required in photo topography as prescribed in the instructions and in the "Notes on the Compilation of Planimetric Line Maps from Five Lens Aerial Photographs".
- 12. The descriptions of recoverable stations and references to shore line were accomplished on Form 524, and scaling of positions checked. (Par. 29, 30 and 57.) *None submitted*
- 13. A list of landmarks for charts was furnished on Form 567 and scaling of positions checked. (Par. 16d, e, 60.) *None submitted see page 3 of the report*
- 14. The geographic datum of the sheet is North American 1927 ^{5 unadjusted.} and the reference station is correctly noted. (Par. 34.)
- 15. Junctions with contemporary surveys are adequate.
- 16. Geographic names are shown on the sheet and are covered by the Descriptive Report. (Par. 64, 66k.) *Names agree with the * chart and no new names were submitted except as noted on app. page*
- 17. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46.)
- 18. No additional surveying is recommended.

19. Remarks:

20. Examined and approved: *M. H. Reese*
M. H. Reese
 Chief of Party

21. Remarks after review in office:

Reviewed in office by: *B. G. Jones*

Examined and approved:
K. T. Adams
 Chief, Section of Field Records
L. O. Pollock
 Chief, Division of Charts

F. S. Borden
 Chief, Section of Field Work
G. W. Wade
 Chief, Division of Hydrography and Topography.

Remarks

Decisions

	Remarks	Decisions
1		
2		
3		
4		
5		
6		
7	C. Crêque is French for wild plum Refer to U.S. Board on Geog. Names	
8		
9	Bayou Boudreau ou "TOULME" QUAD This is no longer a Bayou but a Pass. Refer to U.S. BGN. - 11/18/38	
10		
11		
12		
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14	Would recomme "la" instead of "La" HB.	
15		
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19		
20	Bay Boudreau* is correct spelling. See Letter 159 (1935) GN Letter #19 Refer to U.S. BGN 11/18/38	
21		
22		
23		
24		
25		
26	The U.S. Bd. survey of 1935 gives the name Mink Islands to the group of islands of which Mink I. is a part. Retain Mink I. Possibly the name Mink Islands should also be put on.	
27		

GEOGRAPHIC NAMES

Survey No.

T-5321

Name on Survey

*All names approved
Sub. 17, 1936 except those
marked R. M. Bacon*

On Chart No. A
On previous survey No. B
On U. S. quadrangle maps from local information C
On U. S. Maps from local information D
On local Maps E
P. O. Guide or Map F
Rand McNally Atlas G
U. S. Light List H
U. S. Engrs. I

Name on Survey	A	B	C	D	E	F	G	H	I
<u>Le Petit Pass I.</u>	1268	T3664	✓						Petit Pass I 1
<u>Le Petit Pass</u>	1268	T3664	✓						✓ 2
<u>Malheureux Point</u>	1268	405 Misc. 2	✓		R R Map of La.				✓ 3
<u>Mississippi Sound</u>	1268	✓	✓				✓		✓ 4
<u>Drum Bayou</u>	1268	T3663	✓						✓ 5
<u>Turkey Bayou</u>	1268	T3663	✓						✓ 6
<u>Bayou Creque</u> * 11-18-38	1268			Creque Bayou 1935					✓ 7
<u>Blind Pass</u>	1268	T3664	✓						✓ 8
<u>Three Mile Bay</u>	1268			(BAYOU BODREAU)					✓ 9
<u>Three Mile Bayou</u> * Pass*	1268	T3664	✓	Three Mile Pass, 1935					✓ 10
<u>Johnson Bay</u>	1268		✓						✓ 11
<u>Johnson Bayou</u>	1268	T404 T3664 Johnson's	✓						✓ 12
<u>N.W. Jack Williams Bay</u>	1268		✓						✓ 13
<u>Bayou la Fee</u>	1268	T3664	✓						✓ 14
<u>South Bayou</u>	1268	T3664	✓						✓ 15
<u>Picnic Bayou</u>	1268		✓						✓ 16
<u>Nine Mile Bay</u>	1268		✓	Ninemile Bay 1935					✓ 17
<u>Nine Mile Bayou</u>	1268	T3664	✓						✓ 18
<u>Shell Point</u>	1268		✓						✓ 19
<u>Bay Boudreau</u> *	1268	404	✓		State Maps		✓		Bay Boudreau 20
<u>Raccoon Island</u>	1268		✓		State map.				✓ 21
<u>Little Raccoon Island</u>	1268		✓						✓ 22
<u>False Mouth Bay</u>	1268		✓						✓ 23
<u>West Karako Bay</u>	1268		✓						✓ 24
<u>Crooked Island</u>	1268		✓						✓ 25
<u>Mink Island</u>	1268		✓	Mink Islands					✓ 26
<u>Shell Island</u>	1268		✓						✓ 27

One word

*Names not underlined awaiting
duplication of
military maps of
Louisiana*

GEOGRAPHIC NAMES
 Survey No. T 5321

Name on Survey	On Chart No. 1268		On previous survey		From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	K U.S. Engrs.	
	A	B	C	D							
<u>North Karako Bay</u>			✓	✓							1
<u>Blind Bay</u>			✓	✓							2
<u>Lakes of Bayou Marron</u>			✓	✓							3
<u>Nigger Point</u>	✓		✓						✓		4
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<u>Underlined names approved Feb. 17, 1935 H. Bacon</u>											26
<u>New names from US Geol. Survey field inspection and survey of 1935</u>											27