

5402

U. S. COAST & GEODETIC SURVEY  
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Form 504  
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: Louisiana

DESCRIPTIVE REPORT

Photo  
Topographic } Sheet No. 5402 5402  
Hydrographic }

LOCALITY

Mississippi River Delta

Main Pass

Sandy Point Bay to Head of Passes

1934

CHIEF OF PARTY

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

5402

-- NOTES ON COMPILATION --

SHEET NO. 5402

FIELD NO. 43

PHOTOS, NOS.	DATE OF PHOTOGRAPHS	TIME
804 - 813	12/2/32	10:27 to 10:31 A. M.
1075 - 1065	12/2/32	8:54 to 8:59 A. M.

DATA	BY	DATE
PROJECTION BY	<u><i>E. P. Hernandez, Jr.</i></u> E. P. Hernandez, Jr.	<u>6/12/34</u>
PROJECTION CHECKED BY	<u><i>F. A. Donadieu</i></u> F. A. Donadieu	<u>6/12/34</u>
CONTROL PLOTTED BY	<u><i>E. P. Hernandez, Jr.</i></u> E. P. Hernandez, Jr.	<u>6/18/34</u>
CONTROL CHECKED BY	<u><i>F. A. Donadieu</i></u> F. A. Donadieu	<u>6/19/34</u>
RADIAL LINE PLOT BY	<u><i>E. P. Hernandez, Jr.</i></u> E. P. Hernandez, Jr.	<u>6/28-30/34</u>
RADIAL LINE PLOT CHECKED BY	<u><i>G. O. Coignet</i></u> G. O. Coignet	<u>7/3/34</u>
DRAFTING OF PHOTOGRAPHS BY	<u><i>G. O. Coignet</i></u> G. O. Coignet	<u>7/3-21/34</u>
PASTING OF NAMES BY	<u><i>G. O. Coignet</i></u> G. O. Coignet	<u>7/26/34</u>
REVIEW OF COMPILATION BY	<u><i>E. P. Hernandez, Jr.</i></u> E. P. Hernandez, Jr.	<u>7/26/34</u>

AREA OF DETAIL INKED-- 92.30 sq. statute miles.

LENGTH OF SHORELINE-- 124.89 statute miles.

COMPILER'S REPORT

FOR

PHOTO TOPOGRAPHIC SHEET NO. 5402,

FIELD NO. 43

GENERAL INFORMATION:

Instructions dated November 7, 1933.

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

The land area of this sheet consists of marsh cut up by numerous small bayous, lakes and ponds and by several river passes.

The tide in this area is approximately two (2) feet, and because of the small scale of the photographs the difference between the high and low water line, which is very small, could not be shown. In a few places where the land is very low and covered over at high tide the area is shown by broken line. At the Head of the Passes, Latitude  $29^{\circ}10'$  and Longitude  $89^{\circ}15'$  it is apparent that silt has been deposited back of the wing dams and the river is being narrowed by these deposits.

There are no cultivated areas on this sheet. The banks of the river, the passes and bayous are covered with trees, principally willow. However, some oaks may be found.

This sheet was compiled from photographs taken by the U. S. Army Air Corps, five lens, Type T-3A Camera No. 32-3. Photograph numbers: 804-813, West Flight approximately parallel to Longitude  $89^{\circ}27'$ ; and 1065-1075 East Flight approximately parallel to Longitude  $89^{\circ}20'$ . Pictures 1138-1148 were used to trace on the extreme right of the sheet since these were clearer than the pictures 1065-1075.

CONTROL:

(A) Sources.

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

- (a) Triangulation by G. C. Mattison, 1922.
- (b) Triangulation by F. S. Borden, 1921 - 1922.

The geographic positions of stations located by the above parties are on the North American Datum. These positions were corrected to the North American 1927 Datum by applying a factor obtained by a comparison of positions of stations on the North American Datum and those of the same stations recovered and located on the North American 1927 Datum in 1934 by first order triangulation by C. I. Aslakson. The factors were derived from stations De Suite (1927-1934), Bayou Cook (1883-1934), Biyou (1922-1934) and Buras (1922-1934).

The factors used are: -2.9 meters in forward Latitude, and + 16.4 meters in forward Longitude. The control for this sheet was adequate.

(B) Errors.

There were no errors in the control of this sheet.

(C) Discrepancies.

Station Tantine was washed away and the reference mark #2 was tied in and used and its geographic position computed.

Station No. 2 U. S. Engineers is built out in water and was not recovered.

Station West was visited, recovered, and, being located in the midst of trees on the bank of the Mississippi River, it was impossible to tie it in to objects visible on the photographs.

The houses near Cubit's Gap Light were built since the photographs were taken, and their position was established on the sheet by means of a sketch obtained from the Office of the Superintendent of Light Houses, Eighth District, New Orleans, La.

No control stations established by any organizations other than mentioned previously were used in the compilation of this sheet.

COMPILATION:

(A) Method.

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

(B) Adjustment of Plot.

The photographs in the two flights were free from excessive tilt and scale fluctuations and the radial line plot required no unusual adjustment.

(C) Interpretation.

Except for the symbols (⋄, ⋆, ⋈) used to denote reeds and (‡) used to denote brush, only the graphic symbols approved by the Board of Surveys and Maps (1932) were used throughout this sheet. The shores of several ponds or water holes were very indefinite on the photographs and these shore lines are shown with broken lines. Bayous are shown with single or double lines depending on their importance. Many small streams were not clearly visible because of their paths through trees and these are shown by a broken line. There are streams which appear to have dried and which seem to carry water only during periods of high water; these are also shown by a broken line. There are several ponds which seem to be partly



Note the compilation has been compared with the last previous topographic surveys of this area, T 4030 and T 4038 (1922) and is complete and adequate to supersede the older surveys for this area. The largest changes noted have occurred around Sandy Point Bay.

B. G. Jones

Accuracy The value of 8 to 15 meters given on the opposite page is high. There was a very limited amount of control. A better estimate is 5 to ~~7.5~~<sup>7.5</sup> meters. ~~The~~ ~~inter-related points~~ and relative positions on the sheet should be within 8 to 15 meters but due to the distance between control stations actual geographic positions may exceed that value in the areas farthest from control points.

B. G. Jones

covered with lilies or other forms of floating grass. These lilies or grass are shown thus: (         ). Piling and the wing dams are shown by a solid line and labeled.

(D) Information From Other Sources.

Information for the compilation of this sheet other than mentioned in "General Information" was taken from Chart No. 1272 of the U. S. C. & G. S., and from U. S. C. & G. S. sheets of this area compiled in 1922 from photographs by the Naval Air Service. *T4030 (1922)*  
Aside from this, no information was taken from other sources. *T4030*

(E) Conflicting Names.

There are no conflicting names on the different charts of this area. *No new names are shown.*

COMPARISON WITH OTHER SURVEYS:

The junction with sheets on the North, South, East and West, No. 5401, No. 5403, No. 5406, and No. T-5319, respectively, are satisfactory.

In comparing this sheet with the U. S. C. & G. S. charts of this area, it is noted that the east shore of Sandy Point Bay has built out into the Bay and into the Gulf to Latitude 29°12', Longitude 89°28'. The north bank at the mouth of Brant Bayou and also that of Raphael Pass have built up and consequently the mouths of these streams have been narrowed. Grand Pass has apparently moved a bit westward between Latitude 29°12' to Latitude 29°15'.

In general the passes, bayous, streams, and small lakes have maintained their position and general shape. Some of the small ponds have filled up and some have been enlarged and there are some new small streams, but the main features have changed very little. *See opposite pages*

LANDMARKS:

The landmarks of value to navigation accompany this report on Form 567. *all landmarks shown on chart 1272 not covered by this report are to be removed from the chart.*

RECOMMENDATION FOR FURTHER SURVEYS:

The compilation of this sheet is believed to have a probable error of 8 meters in well defined detail of importance and of 15 meters for other data.

To the best of my knowledge, this sheet is complete in all detail of importance for charting purposes within the accuracy stated above, and no additional survey is required. *See opposite page*

Submitted by: *G. O. Coignet*  
G. O. Coignet,  
Draftsman.

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

## REVIEW OF PHOTO TOPOGRAPHIC SURVEY NO. 5402

Title (Par. 56) **Forwarded with Sheet.**

Chief Of Party **M. H. Reese** Compiled by **G. O. Coignet**

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.
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 page 4 of the desc. report ~~and the~~ ~~report~~ ~~back.~~**
8. The span, draw and clearance of bridges are shown. (Par. 16c.)
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.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO. 5402

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. 45

REGISTER NO. 5402 5402

State Louisiana

General locality Mississippi River Delta

Locality Sandy Point Bay to Head of Passes Main Pass

Scale 1:24,000<sup>20,000</sup> Date of ~~survey~~ photographs December 2, 1932

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

Chief of party M. H. Reese

Surveyed by See data sheet in the descriptive report.

Inked by G. O. Coignet

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 scale of 1:24,000 and enlarged and printed on scale of 1:20,000 by Photo Lithography.

...  
*Applied to Act. 1272 May 1935. J. S. Gamble*



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. <sup>No</sup> ~~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.)
13. A list of landmarks for charts was furnished on Form 567 and scaling of positions checked. (Par. 16d, e, 60.)  
*No indication on the list of landmarks that scaling of positions was checked.*
14. The geographic datum of the sheet is **North American 1927** and the reference station is correctly noted. (Par. 34) *unadjusted.*
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 chart 1272 and no new names are shown.*
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

*H. Borden*  
Chief, Section of Field Work  
*G. H. Wade*  
Chief, Division of  
Hydrography and Topography.



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

New Orleans, Louisiana,

July 25, 1934

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

M. H. Reese,

Chief of Party.

DESCRIPTION	POSITION						METHOD OF DETERMINATION	CHARTS AFFECTED	
	LATITUDE			LONGITUDE					DATUM
	°	'	D. M. METERS	°	'	D. P. METERS			
Quarantine Cupola - 1922 <del>1934</del>	29	12	(1116.9) 731.3	89	16	(890.5) 730.4	N. A. Triangulation	#1272 ✓	
(New Position) Cubits Gap Light	29	11	(879.9) 967.34	89	15	(163.04) 1458.06	" AirPhoto	" ✓	
<del>Signal Mast</del>	<del>29</del>	<del>10</del>	<del>1523.59</del>	<del>89</del>	<del>15</del>	<del>684.7</del>	<del>"</del>	<del>"</del>	
<del>Pilot Lookout Light</del>	<del>29</del>	<del>10</del>	<del>(353.13) 1494.11</del>	<del>89</del>	<del>15</del>	<del>(925.5) 695.9</del>	<del>"</del>	<del>"</del>	
<del>Light (River Pilots Wharf)</del>	<del>29</del>	<del>10</del>	<del>(483.81) 1363.43</del>	<del>89</del>	<del>15</del>	<del>(885.5) 735.9</del>	<del>"</del>	<del>"</del>	
<del>Light (Pilot Town Wingdam)</del>	<del>29</del>	<del>10</del>	<del>(1042.02) 805.22</del>	<del>89</del>	<del>15</del>	<del>(947.4) 674.0</del>	<del>"</del>	<del>"</del>	
<del>Head of Passes Light</del>	<del>29</del>	<del>08</del>	<del>(229.81) 1617.42</del>	<del>89</del>	<del>15</del>	<del>(1452.01) 169.89</del>	<del>"</del>	<del>"</del>	
<del>Range Light (F.R.)</del>	<del>29</del>	<del>07</del>	<del>(205.94) 1641.29</del>	<del>89</del>	<del>15</del>	<del>(892.7) 729.5</del>	<del>"</del>	<del>"</del>	
<del>Range Light (R.R.)</del>	<del>29</del>	<del>07</del>	<del>(577.61) 1269.82</del>	<del>89</del>	<del>15</del>	<del>(876.25) 745.95</del>	<del>"</del>	<del>"</del>	

*Scaled and positions checked within 3 meters. Benson*

A list of objects carefully selected because of their value as landmarks as determined from seaward together with individual descriptions, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report.

The selection, determination, and description of these points are an important factor in the value of the chart. Landmarks selected at appropriate intervals can be clearly charted. However, when none is outstanding, a group of two or three objects may by their interrelationship provide positive identification. A group so selected should be indicated.

The description of each object should be short, but such as will clearly identify it; for example, a standpipe, elevated tank, gas tank, church spire, tall stack, red chimney, radio mast, etc. Assign numerals to landmarks to indicate: (1) offshore, (2) inshore, (3) harbor, 1, 2, 3 would be a mark useful on all charts. Generally, flagstaffs and like objects are not sufficiently permanent to chart.



①

T. 5402  
New names from U.S.G.S. Surveys of 1935

Remarks

Decisions

	Remarks	Decisions
1		
2		
3	C. <sup>29°13'</sup> <sup>89°29'6</sup> Looks logical. Recommend adoption	<u>Sandy Point</u>
4		<u>Company Canal</u> (2)
5		
6	C. <sup>29°15'</sup> <sup>89°29'</sup> Incorrect Fr. spelling. Should be Tortillon=cap. Because of duplication Tague = coat, is better.	
7		
8	C. New name. OK.	<u>Yankee Pond</u>
9	C. New name. OK.	<u>Fleur Pond</u>
10	C. " " "	<u>Bog Pond</u>
11	C. " " "	<u>Bayou Tambour</u>
12		
13	C. New name OK.	<u>Cane Bayou</u>
14	C. New designation, 2 places. OK.	<u>Company Canal</u>
15	C. New name. OK.	<u>Bayou Little Channel</u>
16	C. New name. OK.	<u>Old Spanish Pass</u>
17	C. New name. OK.	<u>Bayou Alphonse</u>
18	C. <sup>U.S.G.S. makes particular note of this correction.</sup> Pass is accepted as preferable to Bayou	<u>Pass Tante Rhine</u>
19		
20	C. New name. OK.	<u>Little Red Pass</u>
21	C. " " "	<u>Venice (Corp.) Canal</u>
22	C. " " "	<u>Pass Tit. Francois</u>
23	C. " " "	<u>Big Pass de Wharf</u>
24		
25	C. New Name. OK.	<u>Bayou Tony</u>
26	C. " " "	<u>Little Pass de Warf</u>
27	C. " " "	<u>Chawee Bay</u> ✓

Names checked by A.B. Jan 29, 1936



GEOGRAPHIC NAMES

Survey No. T5402

U.S.G.S. N.W. West Delta

Name on Survey

*Underlined Names approved Feb. 1936 #28*  
 On Chart No. 1272  
 On previous survey No. *U.S. G.S. S.W. Maps of 1935*

*U.S. G.S. S.W. Maps of 1935*  
 From local information  
 On local Maps  
 P. O. Guide or Map  
 Rand McNally Atlas  
 U. S. Light List  
 U.S. Engrs.

	A	B	D	E	F	G	H	I	
<u>Bay Coquette</u>	✓		✓						1
<u>Sandy Point Bay</u>	✓		✓						2
	✓		Sandy Point						3
	✓		Company Canal (2)						4
<u>Gulf of Mexico</u>	✓ ✓	✓	✓			✓	✓	✓	5
<del>Tortillan</del> Bayou <del>Jaque</del>	✓		Bayou Tortillan						6
<u>Bay Tambour</u>	✓		✓						7
	✓		Yankee Pond						8
	✓		Fleur Pond						9
	✓		Bog Pond						10
	✓		Bayou Tambour						11
<u>Spanish Pass</u>	✓ ✓		Spanish Pass					✓	12
	✓		Cane Bayou						13
	✓		Company Canal						14
	✓		Bayou Little Channel						15
	✓		old Spanish Pass						16
	✓		Bayou Alphonse						17
Bayou Tante Rhine	✓ ✓		Pass Tante Rhine						18
<u>Red Pass</u>	✓		✓					✓	19
1	✓		Little Red Pass						20
	✓		Venice (Corp) Canal						21
	✓		Pass Tit Francois						22
	✓		Big Pass de Wharf						23
<u>Tiger Pass</u>	✓ ✓		✓					✓	24
	✓		Bayou Tony						25
	✓		Little Pass de Wharf						26
	✓		Chawee Bay						27

*Bayou Jacques - U.S.G.S. Jackson*



②

T.5402

New names and corrections from U.S.G.S. N.E. West Delta, 1935

	Remarks	Decisions
1	C. New name OK.	<u>Bayou Kiger</u> ✓
2	C. " " "	<u>Bayou Caiman</u> ✓
3	C. " " "	<u>Pass de Wharf</u> ✓
4	C. " " "	<u>Mercantile Bayou</u> ✓
5	C. " " "	<u>Buras Pond</u> ✓
6	C. " " "	<u>Noels Pass</u> ✓
7	C. New name Looks like this should be La Grasse, meaning oil, grease, or oily	<u>Pass La Graisse</u> ✓
8	C. New name OK. Should this not be "du"	<u>Pass <del>de</del> Bois</u> ✓
9		✓
10	C. New name OK.	<u>Drauzenes Island</u> ✓
11	C. " " "	<u>Oil Mine Bayou</u> ✓
12	C. " " "	<u>Oil Mine Pond</u> ✓
13	C. " " "	<u>Te Don Pond</u> ✓
14	C. " " "	<u>Cooks <sup>Canal</sup> Bayou</u> ✓
15	C. " " "	<u>Locust Pond</u> ✓
16	C. " " "	<u>Jaquines Pass</u> ✓
17	C. " " "	<u>Bottle Pond</u> ✓
18	C. " " "	<u>Whiskey Pond</u> ✓
19	C. " " "	<u>Puzzle Pond</u> ✓
20	C. " " " Think this should be Bayou not Pass	<u>Sullivan Bayou</u> ✓
21	C. " " "	<u>Zin Zin Bay</u> ✓
22	C. " " "	<u>Gray Duck Pond</u> ✓
23	C. Williams Pass on old U.S.G.S. Quad.	<u>Williams Pass</u> ✓
24	C. New name OK.	<u>Felice Bayou</u> ✓
25	C. " " "	<u>Leons Pass</u> ✓
26	C. " " "	<u>Clearwater Bayou</u> ✓
27	C. " " "	<u>Buras Bayou</u> ✓

GEOGRAPHIC NAMES

Survey No. **T5402**  
 U.S.G.S. N.E. West Delta

**Underlined Names**  
 approved Feb. 1936 HB  
 On Chart No. 1272  
 On previous survey No. **6-8**  
 On U.S. Quadrangle West Delta  
 From local information  
 On local Maps  
 P. O. Guide or Map  
 Rand McNally Atlas  
 U. S. Light List  
**U.S. ENGRS.**

Name on Survey	A	B	C	D	E	F	G	H	I
			Bayou Tiger						1
			Bayou Caiman						2
			Pass de Wharf						3
			Mercantile Bayou						4
			Buras Pond						5
			Noels Pass						6
see USGS Quad 'Pass du Bois'			Pass la Gresse						7
see USGS Quad 'Pass du Bois'			Pass de Bois						8
<u>Grand Pass</u>	✓	✓	✓					✓	9
			Drauzenes Island						10
			Oil Mine Bayou						11
			Oil Mine Pond						12
			Te Don Pond						13
			Cooks Bayou						14
			Locust Pond						15
			Jaquines Pass						16
			Bottle Pond						17
			Whiskey Pond						18
			Puzzle Pond						19
			Sullivan Pass						20
			Zin-zin Bay						21
			Gray Duck Pond						22
			William Pass						23
			Felice Bayou						24
			Leons Pass						25
			Clearwater Bayou						26
			Buras Bayou						27

eye



③

T5402

Remarks See U.S.G.S. N.E. West Delta. Decisions

1	C. New name. OK.	<u>Mary Bowers Pond</u>
2	add (abandoned)	
3	C. New name. OK.	<u>Strikers Bayou</u>
4	C. " " "	<u>Riverside Bay</u>
5	C. " " "	<u>Long Island Bayou</u>
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GEOGRAPHIC NAMES

Survey No. T5402 <sup>(3)</sup>

Name on Survey

Underlined Names approved Feb 13 1936  
 A On Chart No.

B On previous survey No.

C On U. S. quadrangle N.E. West Delta

D From local information

E On local Maps

F P. O. Guide or Map

G Rand McNally Atlas

H U. S. Light List

I U.S. Engineers

Name on Survey	A	B	C	D	E	F	G	H	I
	✓		Mary Bowers Pond						1
<u>Quarantine (abandoned)</u>	✓		Quarantine (abandoned)					Same as C&GS	2
	✓		Strikers Bayou						3
	✓		Riverside Bay						4
	✓		Long Island Bayou						5
<u>Main Pass</u>	✓	✓	✓					✓	6
<u>Octave Pass</u>	✓	✓	✓					✓	7
<u>Brant Bayou</u>	✓	✓	✓					✓	8
<u>Raphael Pass</u>	✓	✓	✓					✓	9
<u>Cubits Gap</u>	✓	✓	✓					✓	10
<u>Pilottown</u>	✓	✓	✓					✓	11
<u>Southwest Pass</u>	✓	✓	✓					✓	12
<u>Head of Passes</u>	✓	✓	✓					✓	13
<u>Mississippi River</u>	✓	✓	✓					✓	14
<u>Tom Loar Pass</u> <sup>291086</sup> <sub>89020</sub>	✓	✓						✓	15
									16
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Names examined and verified by H.B. Jan 30, 1936 New names and corrections from U.S. <sup>N.E. West Delta</sup> survey of 1935									