

5297

U. S. COAST & GEODETIC SURVEY
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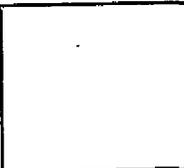
Acc. No. _____

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. T-5297
~~Hydrographic~~

LOCALITY

TIMBALIER BAY

Lake Felicity

Lake Tambour to Bayou La

Feuche

1934

CHIEF OF PARTY

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

5297

Applied to Chart 1050 Feb. 1937 Mrs. Gumble
Applied to Chart 1050 May 1937 Chas. R. Bush

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. 10

REGISTER NO. T-5297

State Louisiana

General locality Lake Felicity, Timbalier Bay

Locality Lake Tambour to Bayou La Fouché, Lake Felicity

Scale 1: ^{20,000}~~24,000~~ Photographs 11/30/32
Date of survey 12/1/32, 1932

~~Wesley~~ 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 S. S. Gill

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.

...

- NOTES ON COMPILATION -

SHEET NO. T-5297

FIELD NO. 10

PHOTOS, NO.	DATE OF PHOTOGRAPHS.	TIME.
1844-1855	11/30/32	11:29 to 11:34 A. M.
1887-1899	12/1/32	10:28 to 10:33 A. M.

	BY	DATE
PROJECTION BY	<u><i>E. P. Hernandez</i></u> E. P. Hernandez	<u>3/19/34</u>
PROJECTION CHECKED BY	<u><i>E. L. Fitch</i></u> E. L. Fitch	<u>3/19/34</u>
CONTROL PLOTTED BY	<u><i>H. C. Smith</i></u> H. C. Smith	<u>3/20/34</u>
CONTROL CHECKED BY	<u><i>E. P. Hernandez</i></u> E. P. Hernandez	<u>3/21/34</u>
RADIAL LINE PLOT BY	<u><i>E. P. Hernandez, M. H. Reese, H. C. Smith</i></u> E. P. Hernandez, M. H. Reese, & H. C. Smith.	<u>3/22-24/34</u>
RADIAL LINE PLOT CHECKED BY	<u><i>S. S. Gill</i></u> S. S. Gill	<u>3/25/34</u>
DRAFTING OF PHOTOGRAPHS BY	<u><i>S. S. Gill</i></u> S. S. Gill	<u>3/26 & 4/14/34</u>
PASTING OF NAMES BY	<u><i>S. S. Gill</i></u> S. S. Gill	<u>5/22/34</u>
REVIEW OF COMPILATION BY	<u><i>E. L. Fitch</i></u> E. L. Fitch	<u>4/26/34</u>

AREA OF DETAIL INKED--(Land area) 82.7 sq. Statute Miles.

LENGTH OF SHORELINE-- (more than 100 meters from nearest opposite shore)-- 164.5 Statute Miles.

COMPILER'S REPORT

FOR

PHOTO TOPOGRAPHIC SHEET NO. 10

GENERAL INFORMATION:

Instructions dated November 7, 1933.

The information used in the compilation of this sheet has been obtained from the notes and sketches on the field photographs; from the reports of Lieutenant E. R. Mc Carthy, in charge of a triangulation party located in this area at the time of the compilation, and from members of the field inspection party in questionable areas.

The accompanying "Notes on Compilation" details all data and statistics in connection with the compilation of this sheet.

Because of the very small tide in this area, about one foot, and the small scale of the photographs, its effect was neglected in the interpretation of the high water from the photographs.

The area covered by this sheet consists principally of low marsh ground, very little of which is under cultivation.

This sheet was compiled from photographs taken by the U. S. Army Air Corps' five lens T-3A camera, No. 32-3, photograph numbers--1844-1855 (West Flight) approximately parallel with Longitude $90^{\circ}26'45''$ and 1887-1899 (East Flight) approximately parallel with Longitude $90^{\circ}19'30''$.

CONTROL:

(A) Sources.

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

- (a) Triangulation by Lieutenant E. R. Mc Carthy in 1933-34.

The geographic positions obtained by Lieutenant E. R. Mc Carthy were used; these are on the ^{North American 1927 datum} quoted North American 1927 datum. The positions would be unplotable ~~at~~ the scale of 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.

(B) Adjustment of Plot.

The photographs in these two strips appear to be free of excessive tilt and scale fluctuations and the radial plot required no unusual adjustment.

(C) Interpretation.

To denote mangle brush three or four feet high the symbol used was thus--(ζ), otherwise only the conventional graphic symbols were used as approved by the "Board of Surveys and Maps" (1932) and no great difficulty was experienced in interpreting the photographic detail.

The double full line was used to indicate bayous and large canals as well as the better class of roads. The lesser bayous and canals were shown by one solid line depending in weight on the importance of the feature. The broken line, that is, with a dash and three dots was used to denote an intermittent stream. It was necessary to show "State Highway #78 along Bayou La Fourche somewhat exaggerated in order that it would not close up and appear as a solid blotch when photographed during the photo-lithographic process. In most cases (unless labeled on the field inspection prints) the classification of these features had to be determined by a close examination of the photographs.

(D) Information from other sources.

There was no information obtained from sources other than the photographs and reports of the field inspection party. The photographs were clear and it is believed the compilation is exact in all particulars.

(E) Conflicting names.

The names shown on this sheet were taken from progress sketches of triangulation work performed by Lieutenant E. R. Mc Carthy, and from information supplied by the field inspection party. There is no conflict of names with U. S. Coast and Geodetic Survey No. 197 as this area is only partly shown in detail by this chart. The following conflict of names of bayous does exist however, and in all cases the names as shown by Lieutenant E. R. Mc Carthy's triangulation progress sketch were used because of his recent work in this area:

See review at back.

"U.S. GEOLOGICAL
SURVEY SHEET,
(LAKE FELICITY)"

"U.S. ENGINEERS'
MAP OF SOUTHERN
LOUISIANA"

"LIEUTENANT E.
R. Mc CARTHY'S
PROGRESS SKETCH"

Bayou du Chien	Bayou Point aux Chien	Bayou Point au Chien
St. Jean Charles Bayou	St. Jean Charles Bayou	Bayou Jean La Croix
Grand Bayou	Bayou Blue	Grand Bayou Blue. ✓

see review at back

COMPARISON WITH OTHER SURVEYS.

The junctions with adjoining sheets to the North, East, South, and West, T-5296, T-5301, T-5298, and T-5293, respectively, are satisfactory.

The land area shown by this sheet is composed almost entirely of marsh, the shoreline of which under-goes many changes due to high tides in the winter. The only complete survey of this area is the U. S. Geological Survey sheet "Lake Felicity" which was made some ~~few~~ years ago. The general characteristics of the lakes, bayous, and bays are still evident but there have been many changes since this sheet ("Lake Felicity") was made.

LANDMARKS:

There are no land marks in this area suitable for navigation.

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 data. It is understood that the width of roads and bayous may be slightly expanded in order to keep the detail clear and to keep it from photographing as a solid area in the photo-lithographic process. *see review at back*

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 surveys are required.

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

Submitted by: *E. L. Fitch*
E. L. Fitch.
Chief Draftsman.

Note: The following pages of this report discuss the revision of the compilation to coordinate it with the contemporary planetable and Hydrographic Surveys T6065 and T6067 and H 5482

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~~File~~ Revision to ~~name~~ agreement with H-5482

MEMORANDUM TO ACCOMPANY DESCRIPTIVE REPORT SHEET NO. T-5297

△ Station Chien was visited by the field inspection party on July 7, 1934. That portion in question is a grass covered island. The shore line as shown by the topographic sheet G is incorrect and it appears as shown on the chart compiled from air photos except for the small island at the very end which has disappeared.

△ Station Felic was visited by the field inspection party on July 7. The shore line as shown by the topographic sheet G is incorrect and is as shown on the air photo compilation sheet. However, the shore line has changed considerably due to the last storm which washed away the shore so that the station is about 8 meters from the shore.

The bayou running east from triangulation station Blue at Latitude $29^{\circ}16'$ to $29^{\circ}17'$ and Longitude $90^{\circ}15'$ to $90^{\circ}16'$ was changed. The photographs covering this area were very dim, also photographs on adjoining flight to east. The shore line could not be accurately determined and due to badly tilted pictures, precise orientation was almost impossible.

The stream running north and south at Latitude $29^{\circ}20'$ to $29^{\circ}21'$ and Longitude $90^{\circ}22'$ to $90^{\circ}23'$ is correct as to air photo sheet in direction and position. Hydrographic position #68A is rejected as incorrect. This is further proved by inability to check numbers of soundings with time. Seven were taken, and only five plotted, so time could not possibly check.

On Bayou Blue at Latitude $29^{\circ}20'$ to $29^{\circ}21'$ and Longitude $90^{\circ}19'$ to $90^{\circ}20'$ hydrographic position #74C plotted incorrectly. Using the three point fix position #74C checks in center of channel.

At Latitude $29^{\circ}20'$ to $29^{\circ}21'$ and Longitude $90^{\circ}19'$ to $90^{\circ}20'$ hydrographic positions 53C and 54C are plotted incorrectly. Correct plot puts them in center of channel.

Hydrographic position #145A located in Latitude $29^{\circ}20'$ to $29^{\circ}21'$ and Longitude $90^{\circ}21'$ to $90^{\circ}22'$ rejected. The correct plot places it in center of channel.

The shore line located in Latitude $29^{\circ}20'$ to $29^{\circ}21'$ and Longitude $90^{\circ}19'$ to $90^{\circ}20'$ is correct as to the photos. However, at hydrographic positions #62, 63, 64C the shore has probably washed away. This is probably true of the east shore line at hydrographic position 146A at Latitude $29^{\circ}21'$ to $29^{\circ}22'$ and Longitude $90^{\circ}21'$ to $90^{\circ}22'$; at hydrographic position 153A at Latitude $29^{\circ}20'$ to $29^{\circ}21'$ and Longitude $90^{\circ}21'$ to $90^{\circ}22'$; at hydrographic position 26C at Latitude $29^{\circ}18'$ to $29^{\circ}19'$ and Longitude $90^{\circ}20'$ to $90^{\circ}21'$.

Hydrographic position #125A was found in error. This is located in Latitude $29^{\circ}20'$ to $29^{\circ}21'$ and Longitude $90^{\circ}22'$ to $90^{\circ}23'$. The corrected position was plotted and found to fall in the channel.

No discrepancy can be found in position 190 and 191B or in the air photo compilation sheet located at Latitude $29^{\circ}18'$ to $29^{\circ}19'$ and Longitude $90^{\circ}21'$ to $90^{\circ}22'$. The shore line has in all probability washed away, in that area. Position 77B is rejected but the error is

1
-x

not sufficient to cover the discrepancy.

At Latitude 29°18' to 29°19' and Longitude 90°20' to 90°21' the shore line due east of position 171B has apparently washed smooth. The shore along entire channel seems to have been carried away considerably. This is probably true of position 46A located at Latitude 29°17' to 29°18' and Longitude 90°22' to 90°23'.

Hydrographic station Basin was visited by the field inspection party on July 7. This station was reobserved with theodolite and recomputed from triangulation stations Felic, Chien, Hump and Rack. A new radial plot was made of this particular area and the photos oriented accordingly. The shore line was changed at the entrance of the bayou and south of Station Basin. This change checked with the notes of the field inspection party.

At Latitude 29°20' to 29°21' and 90°21' to 90°23' hydrographic station #109A was rejected. The left angle was used at #110A and the right angle was changed from 70°50' to 69°50'. The left angle was used at #111A and the right angle was changed from 71°23' to 70°23'. The right angle was used at 114A and the left angle was changed from 43°55' to 43°25', as the revised angle readings check in with the topography.

In general the discrepancies between the air photo compilation sheet and the hydrographic sheet are due to the fact that the soundings were put on the hydrographic sheet before the detail was traced. All the soundings did not fall inside of the channel, but in some cases the positions could have been made to fall inside of the channel due to the small variation in positions of the fixes.

M. H. Reese
M. H. Reese.

7

*Revision to secure agreement with plane table surveys
T6065 and T6067*

MEMORANDUM TO ACCOMPANY SHEET NO. 5297

In the investigation of the apparent discrepancies existing between the air photo compilation sheets and the plane table survey by Lieutenant W. D. Patterson covering the area contained within the limits of this sheet, the geographic positions of the topographic stations were used in coordination with the geographic positions of the triangulation stations as control in a new radial line plot. This new plot was deemed necessary in order to determine the cause of the discrepancies between the compilation and the survey, and the intersections thus established are considered the proper and correct locations of the stations appearing on this sheet. In the development of this plot it was found that the geographic positions of some of the topographic stations did not coincide with the positions of these stations as established by the radial line plot intersections. Concluding these geographic positions to be in error, the geographic positions of the radial line plot intersections were scaled from the sheet and submitted as the correct locations of the topographic stations in question.

*T6065
T6067

The following individual reports of all topographic stations for which corrections were considered necessary describe in detail the corrections made and the conclusions drawn concerning the causes of the discrepancies between the compilation and the survey.

Topographic station BOS is located approximately at Latitude $29^{\circ}17'17''$ and Longitude $90^{\circ}28'35''$. Apparently due to inaccuracy in pricking the house on the photographs and, consequently, to incorrect drafting, the detail in the vicinity of the station was found incorrectly located. A new orientation of the photographs was made and the detail traced in its correct position. This correction was also shown on the overlay sheet attached to the celluloid.

Topographic station LONG is located approximately at Latitude $29^{\circ}16'10''$ and Longitude $90^{\circ}26'35''$. The east shore line of a bayou was obviously drawn in improperly on the celluloid causing station LONG, when plotted, to fall in the water. The photograph in this vicinity was oriented in its correct position and the details of the bayou and part of the lake shore correctly drawn. The symbol used to indicate mangroves was shown on the west side of this bayou. All of these details are also shown on the overlay sheet.

Topographic station ELL is located approximately at Latitude $29^{\circ}20'15''$ and Longitude $90^{\circ}27'35''$. The shore line of the bayou on which the station is located was drawn slightly south of where it should have been shown. The difference between the correct position of this shore line and the position in which it was actually shown was almost negligible. However, the correction was made and the details properly drawn on the celluloid when the photograph in this vicinity was correctly oriented. The correction was also shown on the overlay sheet.

Topographic station JOSH is located approximately at Latitude $29^{\circ}20'10''$ and Longitude $90^{\circ}25'50''$. The discrepancy apparently existing between the geographic position of this station as established by Lieutenant Patterson's party and the position established by the radial line plot in this vicinity amounts to about seventy meters as scaled.

See review of book.

~~A~~

When the radial line plot in this vicinity was made, it was found that the position of station JOSH was established by a very flat intersection due to the fact that its location on the photographs placed it in the center of the flight. Consequently, it was found advisable to select a few extra radial points on the photographs in the immediate vicinity of this station. With the photograph properly oriented with reference to the detail outlined by the established intersections of these new radial points, station JOSH was pricked on the celluloid as accurately as possible. This was considered as practical a location as possible with the use of this flight of photographs. No correction of any of the surrounding detail was found necessary. The geographic position established by Lieutenant Patterson was concluded to be in error. The geographic position of the established radial line plot intersection was scaled from the celluloid and submitted as the correct position of this station.

see review of work.

Topographic station TILE is located approximately at Latitude 29°15'50" and Longitude 90°16'50". The shore line at this point was traced slightly south and west of the position in which it should have been correctly drawn. With the photograph of this locality properly oriented with reference to the geographic position of topographic station TILE as established by the radial line plot intersection, the details of this shore line were correctly drawn. This correction was shown on the overlay sheet. The geographic position of this station as established by the radial line plot intersection was scaled from the celluloid and submitted as the correct geographic position of topographic station TILE.

see review of work.

The geographic positions as established by Lieutenant Patterson of the following topographic stations, when plotted on the celluloid tracing, did not coincide with the geographic positions of these stations as established by the radial line plot. The latter were used in the orientation of the photographs in the vicinities of these topographic stations. And the details, found in error, were correctly drawn on the celluloid tracing. All these corrections were shown on the overlay sheet and are self-explanatory. These stations are PATCH, GNAT, MINK, and LADY. A brief comment concerning each of these stations follows. Apparently, incorrect orientations of photographs proved to be the causes of these discrepancies.

Topographic station GNAT is located approximately at Latitude 29°16'30" and Longitude 90°22'05". No detail was found in error in the vicinity of this station when the photograph was properly oriented, and, in consequence, no correction was made.

Topographic station PATCH is located approximately at Latitude 29°16'20" and Longitude 90°24'35". The island on which station PATCH is located was added and the shore line of the point to the north of this island was correctly drawn on the celluloid tracing. These details were shown on the overlay sheet.

Topographic station MINK is located approximately at Latitude 29°15'30" and Longitude 90°15'50". The shore lines of the small bayou just west of the station and the shore line of the lake were correctly

drawn in on the celluloid tracing. These corrections were shown on the overlay sheet. *See review of book.*

Longitude 90°25'15". Topographic station LADY is located approximately at Latitude 29°15'40" which the station is located was correctly drawn on the celluloid even though the difference between the original and final positions of this shore line was considered almost negligible. This correction was also shown on the overlay sheet.

The geographic positions, as established by Lieutenant Patterson, of the following topographic stations coincided with the geographic positions of these stations as established by the radial line plot intersections, and as far as could be ascertained no corrections were found necessary. These stations are: HOOY, LOD, STAR, SAN/LIC, TINY, BASIN, SIN, ITALY, CAR, and HUS.

These stations, as well as all those for which corrections were found necessary, are indicated on the celluloid tracing with a circle. They are similarly shown on the overlay sheet.

Following are listed the topographic stations for which the geographic positions, as established by the radial line plot intersections, were scaled from the celluloid:

all of the sketches made by Lieut. Patterson checked the compilation after the corrections were made. Six of the stations were found to be in error. The position of each station as determined by the radial plot is submitted as the correct geographic position.

	(501)
29° 15'	1346
	(1182)
90° 25'	439
	(1270)
29° 16'	577
	(588)
90° 24'	1032
	(960)
29° 16'	887
	(1558)
90° 22'	62
	(850)
29° 15'	997
	(245)
90° 15'	1375
	(1426)
29° 20'	421
	(257)
90° 25'	1362
	(350)
29° 15'	1497
	(202)
90° 16'	1418

*601
See the review of the book*

Examined & approved: *M. R. Reese* For general statement covering this report see memorandum attached to report for sheet T5298
M. R. Reese, Chief of Party. *E. P. Hernandez, Jr.* Surveyor.

REVIEW OF PHOTO TOPOGRAPHIC SURVEY NO. T-5297.

Title (Par. 56) Forwarded with Sheet.

Chief of Party M. H. Reese

Compiled by S. S. Gill.

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.
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.

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.) *Descriptions of stations filed on this under T 6065 and T 6067.*
13. A list of landmarks for charts was furnished on Form 567 and scaling of positions checked. (Par. 16d, e, 60.)
14. The geographic datum of the sheet is North American 1927 and the reference station is correctly noted. (Par. 34.)
L is 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.)
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: *see next page.*

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

Examined and approved: *E. F. Green*
 Chief, Section of Field Records

L. O. Pollock
 Chief, Division of Charts

F. S. Borden
 Chief, Section of Field Work

G. F. ...
 Chief, Division of
 Hydrography and Topography.

Review of Air Photo Compilation
T-5297 (1934)

Comparison with Other Surveys:

This compilation has been revised to obtain coordination with the contemporary plane table and hydrographic surveys in this area as discussed on the preceding pages 5 to 12. Refer also to pages 8 to 12 of Descriptive Report T-5298 for a general discussion of the revision and office review of photo compilations in this area.

The descriptions of topographic stations submitted with planetable control surveys T-6065 and T-6067 are now in agreement with the detail on the compilation except as mentioned below. (See also preceding page 10)

- a. Station lady - west gable of a house - difference in location of about 15 meters. The house shows clearly on the photographs and the compilation position is accepted as correct. The plane table position was used in plotting the hydrographic sheet and no change has been made on H-5481 as the difference is not large enough to affect ~~considerably~~ the soundings. *Considerably.*
- b. Station Patch, a light, - difference in location of 25 meters. This light is not listed in the U.S. Light List. It may have been shifted during the interval of two years between the date of the photographs and the planetable survey. The planetable position is accepted as correct and is shown on the compilation.
- c. Station GNAT. Difference in location of 23 meters. The plane table position is accepted as correct and the station is shown on the compilation. The photo position is rejected because of the lack of sufficient ties to locate accurately the points on the photographs.
- d. Stations MINK and TILE. The compilation positions of these stations have been tested in plotting the hydrography and throw several positions into the marsh. The hydrographic locations from H-5481 are accepted as correct. The card descriptions have not been filed and the stations are not shown on the compilation. The differences are due largely to lack of sufficient tie points to locate accurately the stations on the photographs. *There is not sufficient information available to revise the compilation and the descriptions to agree*

- e. Station JOSH. Difference in location of 70 meters. Compilation position has been tested in plotting the soundings and throws a number of positions out of the bayous. The plane table position is accepted as correct. The large difference is no doubt due to the fact that there is not sufficient information to locate the point on the photographs. The card description submitted with the plane table survey is poorly drawn and is very different from the detail on the photographs. The station is not shown on the compilation and the card description has not been filed.

Names:

Names are shown as approved by Mr. Bacon.

Accuracy:

The accuracy of location of 5 to 10 meters given on page 4 is too high for work on this scale. A better estimate is an accuracy of location of about 10 meters for intersected points and 10 to 20 meters for other detail.

B. G. Jones

GEOGRAPHIC NAMES

Date. October, 25, 1934

Chart No. 1116

Diagram No. 1116

Names approved Feb. 6, 1935. Helmer M. Strong

* Approved by the Division of Geographic Names, Department of Interior. Harlow Bacon

☺ Not Approved by the Division of Geographic Names, Department of Interior. Comparisons with US Engrs & other sources!

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

Corrections and additions from U.S.G.S. Surveys of 1935. HB.

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>Old Lady Lake</u> ✓	T-6065 USGS, 1935	Old Lady Lake		
	<u>Lake Chien</u> ✓	T-6067 and U.S.G.S (1935)			
	<u>St Jean</u>	(Sheet Lake Felicity)			
* Bayou	<u>John Charles</u> ✓	" (U.S.G.S.) St. Jean Charles Bayou - Not same	Bayou John Charles	Bayou Casse Tete, USGS 1935	
	Bayou Poillaet T6067	This word not found in French Dict. May possibly be Poulaiter = country. USGS gives the name. Poulaiter is a name by bayou.	Bayou Poulaiter, USGS, 1935	Bayou Poillaet	Would adopt the latter in reject Poillaet HB.
	<u>Lake Billiot</u> ✓	T-6067 and U.S.G.S.			
	<u>Catfish Lake</u> ✓	U.S.G.S. (Sheet Lake Felicity)			
* Bayou	<u>Jean La Croix</u> ✓	Bayou Jean Lacroix	USGS, 1935, Recommend Lacroix		
	<u>Bay Courant</u> ✓	T-6067 U.S.G.S. 1935.			
	<u>Deep Lake</u> ✓	" USGS, 1935.			
	<u>Chinaman Bayou</u> ✓	" USGS, 1935.			
	<u>Bayou du Chien</u> ✓	* Bayou "Point au Chien"	Bayou Pointe au Chien, USGS, 1935		Latest and recommended form
	<u>Grand Bayou Blue</u> ✓	U.S.G.S. 1935 Survey			decision DGN 11/18/38
	<u>Lake Barre</u> ✓	Same USGS, 1935			
	<u>Lake Raccourci</u> ✓	" USGS, 1935			
	<u>Bayou La Fourche</u> ✓	Bayou Lafourche USGS, 1935			
	<u>Little Lake</u> ✓	USGS, 1935			
	<u>Felicity Lake</u> ✓	Lake Felicity USGS, 1935			
	<u>Grand Bayou felicity</u> ✓	Same Bayou Grand Felicity T.6067 and U.S. Engrs			
	* Bayou Grand Fleurois	GN 27 This name is applied to a short section of Bayou Jean Lacroix - Reject. HB.			
	* See letter from	Sunt M.H. Reese dated Feb 28-1935 GN.27			

GEOGRAPHIC NAMES 2
 Survey No. T5297

Name on Survey	Underlined Names On Chart Approved		On previous survey No.	On U.S. quadrangle maps 1898-1935	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
	A	B								
<u>Bayou te Blanc</u> ^{LC plan}			✓	✓						1
<u>Bayou Jean Lacroix</u>			✓	✓	see comments on p 1					2
<u>Bayou Pointe au Chien</u>			✓	✓	see comments on p 1					3
<u>Calm Lake</u>			✓	✓						4
<u>Bayou de la Valle</u>			✓	✓						5
<u>Little Grand Bay</u>			✓	✓						6
<u>Bayou Courant</u>			✓	✓						7
<u>Bayou Gris-gris</u>			✓	✓	This may be Fr. Grisgris					8
<u>John Plaisance Canal</u>			✓	✓						9
<u>Bay Serin</u>			✓	✓						10
<u>Bayou Serin</u>			✓	✓						11
<u>Bayou Tete de Ourse</u>			✓	✓						12
<u>Lacroix Bay</u>			✓	✓						13
<u>Pass a' John ^{Jeau}</u>			✓	✓						14
<u>Bay des Conards</u>			✓	✓						15
<u>Grand Cut</u>			✓	✓						16
<u>Poulailler Bayou</u>			✓	✓	(see page preceding)					17
<u>Deep Cut</u>			✓	✓						18
<u>Coupe Creuse</u>			✓	✓						19
<u>Bayou de la Valle</u> (duplication)			✓	✓						20
<u>Lake de la Valle</u>			✓	✓						21
<u>Bayou du Diable</u>			✓	✓						22
<u>Felicity Bayou</u>			✓	✓						23
<u>Felicity Island</u>			✓	✓						24
<u>Lake Trois Jean</u>			✓	✓						25
<u>Chinos Pass</u>			✓	✓						26
<u>Jean Plaisance Bay</u>			✓	✓					Names verified by JHB. May 1936	27

GEOGRAPHIC NAMES 3
 Survey No. T5297

Name on Survey	<u>Underlined Names</u>		On U.S. <u>GS</u> quadrangle 1935	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
	A On Chart No.	B On previous survey No.							
<u>China Bayou</u> ✓			✓	✓					1
<u>Laurier Bay</u> ✓			✓	✓					2
<u>Laurier Bayou</u> ✓			✓	✓					3
<u>Bayou Pierre et Lee</u>			✓	✓	Names verified by HR, 1936.				4
<u>Chinos Pass</u>			✓	✓					5
									6
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