9672

Diag. Cht. No. 1116-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-90 *Office No.* T-9672

LOCALITY

State Louisiana

General locality Louisiana Coast

Locality Bayou Du Large to Lake De Cade

19 52-57

CHIEF OF PARTY
E.H.Kirsch, Chief of Field Party
H.C.Applequist, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE July 23, 1959

B-1870-1 (1)

9672

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T - 9672

Project No. (II): Ph-6090 Quadrangle Name (IV):

Field Office (II): Houma Louisiana *Chief of Party:* E. H. Kirsch

Photogrammetric Office (III): Tampa Florida Officer-in-Charge: H. C. Applequist

Instructions dated (II) (III): 5 Sept. 1952
Suppl. # 1 25 Sept. 1952
Suppl. # 2 30 Sept. 1952

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000 Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): MAR 19 1956 Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 12/16/58

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N. A. 1927 Vertical Datum (III): MHW

[redacted] except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): SUGAR 1934

Lat.: 29°24'38."702 (1191.6 m) Long.: 90°47'02."121 (57.2 m) Adjusted [redacted]

Plane Coordinates (IV): State: Zone:

Y= X=

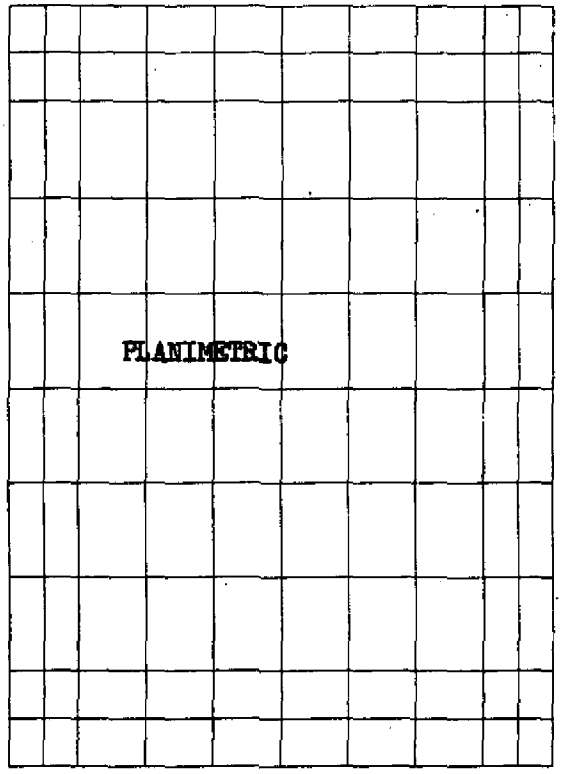
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

FORM 181a
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD



Areas contoured by various personnel
(Show name within area)
(II) (III)

FORM 181b
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): C. H. Baldwin, W. M. Reynolds — Date: Dec. 1952, Jan-Mar 1953

Planetable contouring by (II): Reference Item 5. — Date:

Completion Surveys by (II): Elgan T. Jenkins — Date: March 1957

Mean High Water Location (III) (State date and method of location): Air Photo Compilation Mar. 1953

Projection and Grids ruled by (IV): Joan Thuma (WO) — Date: 24 August 1953

Projection and Grids checked by (IV): H. D. Wolfe (WO) — Date: 2 Sept. 1953

Control plotted by (III): R. R. Wagner — Date: 18 Oct. 1954

Control checked by (III): R. J. Pate — Date: 18 Oct. 1954

Radial Plot [redacted] by (III): M. M. Slavney — Date: 30 June 1955

Stereoscopic Instrument compilation (III): Planimetry — Inapplicable — Date:
Contours — Date:

Manuscript delineated by (III): R. A. Reece — Date: 30 Sept. 1955

Photogrammetric Office Review by (III): J. A. Giles — Date: 7 Oct. 1955

Elevations on Manuscript checked by (III): J.A.Giles — Date: 7 Oct.1955

COMM-DC-57842

FORM 181c
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

4

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS Nine-lens 8 1/4" focal length
Dept. of Agriculture Single-lens 6" focal length

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
Nine-lens				
39562	29 Sept. 1952	10:53	1:20,000	No Tide
39563	" " "	10:54	"	" "
39564	" " "	10:56	"	" "
39565	" " "	10:57	"	" "
39578	" " "	11:18	"	" "
Single-lens				
MDA-0-1216	8 March 1952	18:40	"	" "
" 1217	"	"	"	" "
1218	"	"	"	" "

Single-lens photography:
56-W-4089 to 93 incl., 4150 to 54 incl., 4167 to 71 incl. 4253 to 57 incl.
of 23 October 1956 at 1:30 000

Tide (III)

Ratio of Ranges	Mean Range	Spring Range

Reference Station: **Inapplicable**
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV): J. J. Streifler Date: Oct. 1958

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 57
Shoreline (More than 200 meters to opposite shore) (III): 18
[redacted]
Control Leveling - Miles (II): None
Number of Triangulation Stations searched for (II): 17 Recovered: 6 Identified: 6
Number of BMs searched for (II): 0 Recovered: 0 Identified: 0
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

COMM-DC-57842

Summary
to accompany planimetric map T-9672

T-9672 is one of a group of planimetric maps of project Ph-90 (6090). It covers Lake Theriot and the east half of Lake de Cade and vicinity south southwest of Houma in the State of Louisiana and near the Gulf of Mexico.

About six miles of Bayou du Large and closely paralleling La. State Highway No. 315 fall in the southeast corner of this quadrangle, with nearly all cultural features being confined to the adjoining area of this bayou and road. A narrow irregular strip of land along both sides is under cultivation, which is mostly sugar cane. Other than this and some fringes of woodland (particularly along Small Bayou la Pointe and Marmande Ridge), the land area is all marsh and swamp. There is limited oil drilling activity in the southeast corner of subject area.

This planimetric map was compiled graphically in 1955 from 1952 nine-lens photography and 1953 field inspection at the Tampa District Office. 1956 single-lens photography and results of 1957 completion survey were applied in 1957 at the same field office and a reproduction medium for final registration copy obtained from an adequately scribed sheet furnished to the Washington Office. Only minor changes and improvements were required during Washington Office review.

A copy of the final compilation manuscript--consisting of the latest planimetry and revised contours--will be submitted to the U. S. Geological Survey as part of a new topographic quadrangle publication at the scale of 1:62500 as per instructions of 30 Sept. 1952.

A cronar film positive at the compilation scale of 1:20,000 and the Descriptive Report will be registered and filed in the Bureau Archives.

Oct. 1958

2. AREAL FIELD INSPECTION

The major part of this area is marsh with the high ground along the bayous under cultivation. The main crop being sugar cane.

There is only one road in this quadrangle. It is State Highway ~~247~~ 315 which parallels the east bank of Bayou du Large.

Part of one gas field is located in the southern section of the area. Well locations were reached by canals dredged through the marsh. All wells found at time of field inspection have been identified.

The photographs were of recent date and of good quality. No difficulty in interpretation was encountered.

The field inspection is believed to be complete and adequate and was done on the following photographs: Nine-lens photographs Nos. 39562, 39563 and 39564; single-lens photographs Nos. MDA-23-016, MDA-23-017 and MDA-23-018.

3. HORIZONTAL CONTROL

No supplemental control was established by this party.

The following are U.S.E. stations of third-order accuracy which were recovered: BM 824/57.21; BM 955/23.31; and BM 1057/27.45.

The following stations were reported lost on Form 526: TROUT 1934; BAYOU DE LARGE OIL DERRICK 1934 and CANAL 1934. Station SUGAR 1934 was lost but Reference Mark No. 1 was found and identified.

4. VERTICAL CONTROL

There are no bench marks in this quadrangle.

No supplemental control were established.

5. CONTOURS AND DRAINAGE

This area was contoured by the U. S. Geological Survey and the duties of this party were limited to contour revision. The entire area was inspected and where changes in contours were found they were made on the photographs by planetable methods or by hand level elevations based on water level reduced to half-tide level.

Contour changes at Marmande Canal and Bayou du Large are shown on Navy photograph MDA-14-94.

All drainage is easily interpreted from the photographs. There are some old abandoned bayou beds which have filled with marsh. It is recommended that these features be shown by some distinctive symbol to retain their landmark value.

6. WOODLAND COVER

Adequately covered by the photographs.

7. SHORELINE AND ALONGSHORE FEATURES

All shoreline in this quadrangle is along bayous and small lakes. The mean high water line along bayous is easily interpreted on the photographs. The shoreline around the lakes is the edge of marsh or apparent shoreline.

The mean low water line is synonymous with the mean high water line as there is no appreciable periodic tide.

All shoreline features are adequately covered on the photographs.

8. OFFSHORE FEATURES

There are none.

9. LANDMARKS AND AIDS

There are none.

10. BOUNDARIES, MONUMENTS AND LINES

There are no political boundaries within the limits of this map. See "Special Report, Boundaries, Project Ph-90."

For land lines data, see "Special Report, Public Land Lines, Project Ph-90."

11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

All roads and buildings have been classified in accordance with Part II, Topographic Manual. There are a number of trappers cabins scattered throughout the marsh area which are landmark features in themselves, due to lack of other cultural features, although they are not of substantial construction. They have been indicated by the notation "cabins" on the photographs. It is recommended that they be mapped as Class 1 buildings.

There are no airports or landing fields in the area.

Clearances for the following bridges were determined:

Location	Use	Type	Spans	Horiz. Clearance Left	Center	Right	Vert. Clearance above MHW
Bayou du Large Theriot, La	Hwy	SW	1	under construction			
Theriot, La 5 mi. south	Pvt. road	SW	1	-	33 ft	-	2.5 ft.
Theriot, La 6 mi. south	Pvt road	SW	1	-	33 ft	-	3.5 ft.
Theriot, La 8 mi. south	Pvt road	SW	1	-	33 ft	-	Bridge open at all times.

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-90."

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. 90-7, "Special Report, Public Land Lines, Project Ph-90", and other land lines data, forwarded to Washington Office 29 April 1953.

Letter of Transmittal dated 28 January 1953, Public Land Lines data forwarded to Washington Office same date.

Letter of Transmittal No. 90-8, "Special Report, Geographic Names, Project Ph-90", to be forwarded to Washington Office at a later date.

Letter of Transmittal No. 90-34, Data, Quadrangle T-9672( ), forwarded to Washington Office MAY 15 1953

Submitted
15 May 1953

Isaiah Y. Fitzgerald
Isaiah Y. Fitzgerald
Photogrammetric Engineer

Approved & Forwarded
MAY 15 1953

E. H. Kirsch
E. H. Kirsch
Chief of Party

PHOTOGRAMMETRIC PLOT REPORT.

21. AREA COVERED.

Photogrammetric Plot No. 1 of Ph-90 A & B (52), Louisiana, was for fourteen (14) surveys in the western part of this project. The surveys are T-9037, T-9672, T-9806, T-9807, T-9859, T-9860 and T-9861 of Ph-90B; and T-9868, T-9869, T-9870, T-9871, T-9878, T-9879 and T-9971 of Ph-90A. Ph-90B is joined at the north by Ph-21(47).

The sketch on Page 12 of this report shows the arrangement of the surveys, the centers of photographs used, the identified control, and the adjoining surveys of Ph-21(47). Control stations specifically referred to in this report are circled in red on the sketch.

22. METHOD.

Radial Plot:

Map manuscripts: -- The map manuscripts are 7' 30" in latitude and longitude at 1:20,000 scale on vinylite. The 10,000 foot intervals of the Louisiana South Lambert Grid are in red.

The plot was run directly on the joined map manuscripts.

Photographs: -- Single-lens and nine-lens photographs were used. The single-lens are two (2) diameter enlargements from 1:40,000 negatives taken on 8 March 1952. The nine-lens photographs are approximately 1:20,000 scale of the 39,000 series taken on 29 September 1952.

One or more outer collimating marks are missing on about twenty (20) per cent of the nine-lens photographs. Adjustment for the missing collimating marks was done in accordance with the instructions issued for "Use of the Master Templet on Project Ph-90"; a copy is enclosed. It is noted that some of the photographs with missing collimation marks also had been double printed on the chamber junctions.

Templets: -- Vinylite templets were made from all the photographs. Master templet 36269 was used for the nine-lens photographs and the appropriate master templet was used for the single-lens photographs.

Closure and adjustment to control: -- A preliminary plot indicated that all control would be held.

None of the office photographs for Ph-21(47) were available for transfer of common pass points, so recognizable points of detail common to the two projects were selected as pass points for this project, when possible, to assist in making the proper junction. Satisfactory junction was made every where excepting along the south border of T-9033 of Ph-21(47). Investigation disclosed that the maximum discrepancy would be 0.8 mm (16 meters) at longitude 91°04' and diminished to 0.0 at 91°00' and 91°06'. The plot for Ph-21(47) was weak in this area, reference DESCRIPTIVE REPORT ON RADIAL PLOT NO. 1 FOR PH-21(47) LOUISIANA, therefore no adjustment was made on the plot for T-9859 of this project.

The radial plot was run conventionally in groups of surveys over a period of six months when higher priorities permitted.

The control was held and minor adjustments that were necessary were made by weighing cuts in chambers with missing collimation marks.

23. ADEQUACY OF CONTROL.

Fifty-five (55) horizontal control stations were provided for this plot; three of which fell beyond the photographs furnished. These three stations, all which fall north of T-9672, are B. M. 1057 ≠ 27.45 U.S.E, (No. 19 on sketch), B. M. 955 ≠ 23.31 U.S.E. (No. 20 on sketch), and B. M. 824 ≠ 57.21 U.S.E. (No. 21 on sketch) and were identified on a flight of single-lens prints not furnished this office.

The field print on which Substitute Station PIQUANT, 1934, north of T-9037 (No. 17 on sketch) was identified, was not in this office and the station was pricked direct using the 1948 identification for Ph-21(47). See enclosed correspondence.

EUGENE ISLAND LIGHT, 1933 was identified in the office on photograph 39569 from detail on T-9031 of Ph-21(47).

All the control was held on the plot.

24. SUPPLEMENTAL DATA.

None.

25. PHOTOGRAPHY.

Photographic coverage was excellent excepting the area along the north border of T-9037 and T-9672 where it is adequate.

COPY

Department of Commerce
U.S.Coast and Geodetic Survey
Washington 25

711-aal

21 April 1953

To: Officer inCharge
Baltimore Photo. Office
U. S. Coast and Geodetic Survey
518 E. 32nd St.
Baltimore, Maryland

Subject: Use of the Master Templet on Project Ph-90

Office photographs for this project have been printed and will be forwarded the next time your truck comes to Washington. A few of the outer collimating marks are missing on some of the photographs in this area. In order that their absence will cause as little error as possible, a special master templet will be furnished which indicates the positions of the outer chamber junction mask lines as well as the collimating marks. When a collimating mark is missing, the templet should be adjusted so that the junction mask line of the photograph coincides with its templet position for drawing the rays to the points in the vicinity of the missing mark. The mask line is considered better for reference than the collimating mark in the adjoining chamber and it does compensate for paper distortion in the photograph.

Occasional printing errors were permitted in chambers where both outer collimating marks show but special care was taken to assure that there would be no such errors in chambers where one of the marks is missing. This means that you may find a rotation of 0.5 mm. or more in chambers where both marks show but that you need not fear that such errors exist in chambers where one or two outer collimating marks are missing.

It is believed that, with the use of the master templet as described, there will be no residual errors in the direction of rays exceeding 0.25 mm. However, as a precaution, it is suggested that you use a different color for the rays to points in the vicinity of the missing collimating marks so that they may be identified in the radial plot and given proper weight in the determination of the radial plot position.

Mr. Steinberg might go over this with Mr. Harris on his next trip to Washington.

/s/ L. W. Swanson for
O. S. Reading
Chief, Div. of Photogrammetry

COPY

COPY

Tampa Photogrammetric Office
P O Box 1689 Tampa Florida

2 March 1955

To: Officer in Charge
Baltimore Photogrammetric Office
U. S. Coast and Geodetic Survey
518 East 32nd Street
Baltimore 18, Maryland

Subject: Single-lens Field Photograph 23-12 for Ph-90(52)

The field photograph, Navy single-lens 23-12, on which substitute station PIQUANT, 1934 is identified was not included in the data received in this office on 10 September 1954.

It is requested that this office be furnished with the subject photograph.

Ira R. Rubottom
CDR, USC&GS
Officer in Charge

MMS:meo

cc: Chief, Photo Div.

COPY

DEPARTMENT OF COMMERCE
U.S. Coast and Geodetic Survey
Balto. Photo. Office
518 East 32nd St. Baltimore Maryland.

COPY

4 March 1955

To: Comdr. Ira R. Rubottom
Coast and Geodetic Survey
P O Box 1689
Tampa Florida.

Subject: Single lens field photographs 23-12, Project Ph-90

Reference: Your letter, dated 2 March 1955.

The Navy photograph requested in your letter was not received in this office. All data relative to Project Ph-90 (52) was forwarded to you on 24 August 1954.

/s/ E.H.Kirsch
CDR. USC&GS
Officer in Charge

cO-Chief, Div of Photo.

COPY

Tampa Photogrammerric Office
P O Box 1689 Tampa Florida

7 March 1955

To: Chief, Photogrammetry Division
U. S. Coast and Geodetic Survey
Washington 25, D. C.

Subject: Single-lens field photographs No. 23-12 for Ph-90(52)

Reference: Your letter No. 731-mkl dated 4 March 1955

A Form 2226-12 received with the data for Ph-90, for Substitute Station PIQUANT, 1934, located in 1952 as part of Ph-90 gives 23-12 as the photograph on which it was identified.

A letter from the Baltimore Office, dated 4 March, states that the subject photograph was not received in that office.

The 1948 identification of PIQUANT, 1934 (Direct) for Ph-21 was received today and the tower pricked then has apparently been destroyed along with considerable changes in detail.

We will do the best we can with the information at hand and label our office identification as doubtful.

William A. Rasure, for
Ira R. Rubottom, CDR USC&GS
Officer in Charge

MMS:meo

COPY

Department of Commerce
U.S.Coast and Geodetic Survey
Washington 25

731-mkl

8 March 1955

To: Officer in Charge
Tampa Photogrammetric Office
U. S. Coast and Geodetic Survey
P. O. Box 1689
Tampa, Florida

Subject: Identification of station PIQUANT 1934, Project Ph 90

Receipt of your letter dated 7 March 1955, regarding the identification of station PIQUANT 1934 on Navy photograph 23-12, Project Ph-90, is acknowledged.

This photograph was not returned by the field party and it is assumed that the field party elected to omit the identification since it was included in the field records for project Ph-21.

If the identification of PIQUANT is essential to the radial plot, you are authorized to forward the necessary data to Mr. Ray H. Skelton II, General Delivery, Jefferson Branch Post Office, New Orleans 21, Louisiana, and request re-identification by his unit.

/s/ Max G. Ricketts
Max G. Ricketts for L. W. Swanson
Chief, Division of Photogrammetry
L. W. Swanson, Chief
Photogrammetry Division

cc: Mr. Skelton

The omission of collimation marks on some of the nine-lens photographs has been discussed, and it is noted that there were adjustments to 1.6 m.m. across a chamber to make some templets.

Photograph 39535 is the most severely tilted but not enough to justify computation or to affect the plot.

The single-lens photographs were satisfactory.

26. GENERAL.

Dates of completion of the photogrammetric plot by surveys are as follows:

T-9807	on	5 January 1955
T-9806 and T-9868	"	6 January 1955
T-9971	"	7 January 1955
T-9859	"	24 March 1955
T-9869	"	25 March 1955
T-9878 and T-9879	"	20 April 1955
T-9870	"	22 June 1955
T-9871	"	23 June 1955
T-9037	"	27 June 1955
T-9860 and T-9861	"	28 June 1955
T-9672	"	30 June 1955

Respectfully submitted,

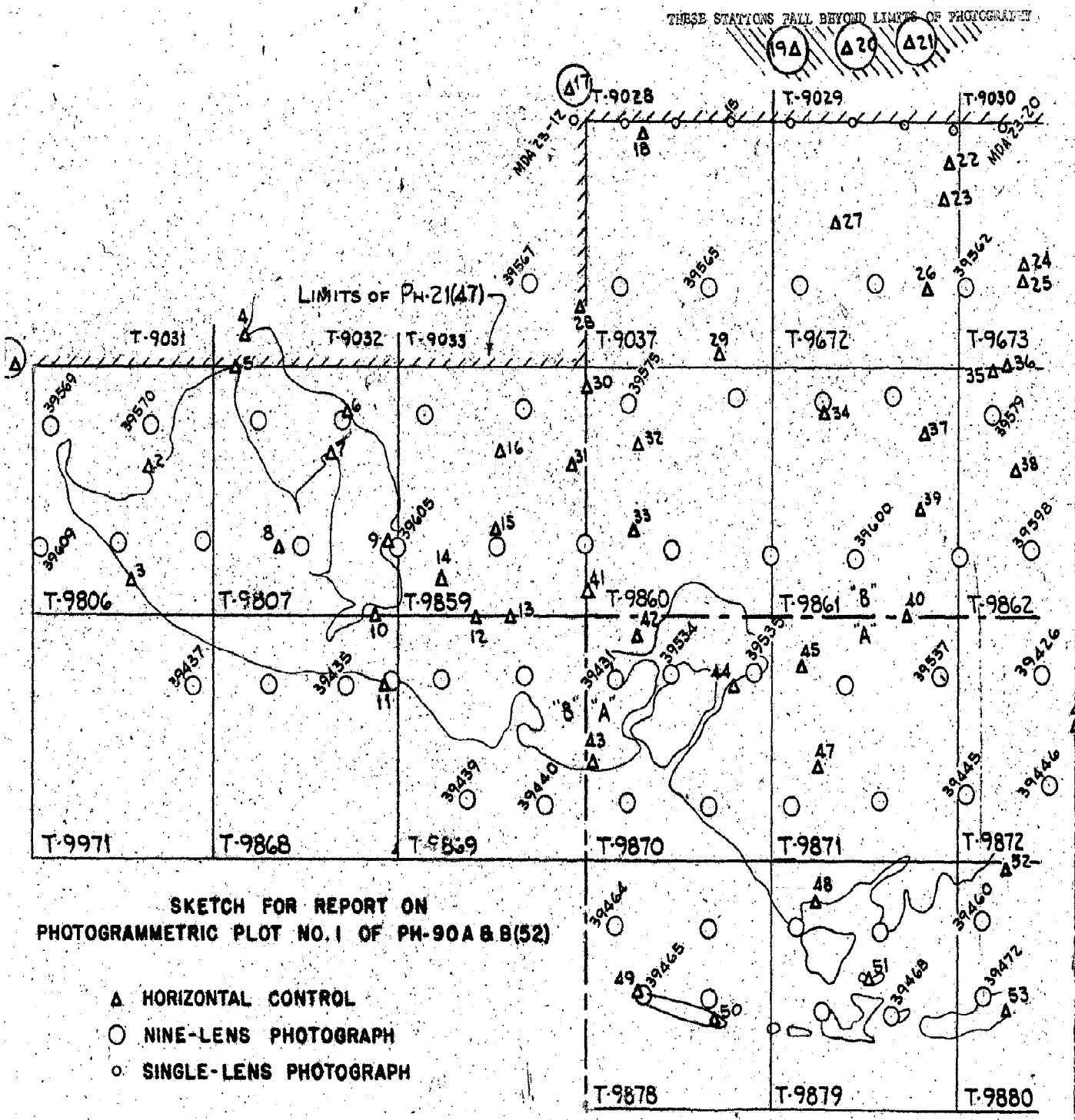
Milton M. Slavney

Milton M. Slavney
Cartographer
Tampa Photogrammetric Office

APPROVED AND FORWARDED

Ira R. Rubottom

Ira R. Rubottom, Chief of Party



#9
12

INDEX OF CONTROL

1. DAUPHIN ISLAND LIGHT, 1933
2. SILK, 1933
3. Sub. Sta. BED, 1933
4. HALTERS, 1933
5. BAY, 1933
6. SOON, 1933
7. EAST, 1933
8. AMES, 1928
9. HAMMOCK, 1928
10. Sub. Sta. DUFFY, 1935
11. OYSTER BAYOU LIGHT, 1929
12. Sub. Sta. CAMP, 1928
13. Sub. Sta. JUNCO, 1928
14. Sub. Sta. OLD, 1933
15. Sub. Sta. KID, 1933
16. Sub. Sta. PINE, 1935
17. PIQUANT, 1934
18. SOFTBALL, 1934
19. B. M. 1057 ± 27.4E U.S.E.
20. B. M. 955 ± 23.3E U.S.E.
21. B. M. 821 ± 57.4E U.S.E.
22. Sub. Sta. MORMON B. M. 1, 1934
23. ST. MICHAELS PLANTATION MORMON CHURCH SPIRE, 1934
24. Sub. Sta. TT 45E, U.S.C.S., 1932
25. Sub. Sta. TT 45B, U.S.C.S., 1932
26. SUGAR B. M. 2, 1934
27. Sub. Sta. MILLER, 1934
28. HARRION, 1934
29. DETAIL, 1934
30. YOU, 1934
31. WASHA, 1934
32. Sub. Sta. MERCHANT, 1934
33. POINT, 1934
34. Sub. Sta. HLAN, 1934
35. Sub. Sta. DELAC, 1934
36. Sub. Sta. 47E, U.S.C.S., 1932
37. Sub. Sta. RAMBIO, 1934
38. TIE 48B, U.S.C.S., 1932
39. Sub. Sta. ROSO, 1934
40. FOUR, 1934
41. Sub. Sta. KING, 1934
42. Sub. Sta. STORM, 1928
43. Sub. Sta. ST. MARTIN, 1928
44. Sub. Sta. GRAND, 1928
45. CHINA, 1934
46. PARASOLLE, 1934
47. BAYOU, 1928
48. PELICAN, 1928
49. GOOD POINT, 1928
50. [illegible], 1934
51. ROGUE, 1934
52. Sub. Sta. ERWIN, 1928
53. PELTO, 1928

[illegible] BEYOND THE PHOTOGRAPHIC COVERAGE FURNISHED FOR THIS PLOT

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 9672 PROJECT NO. Ph-90 (52) SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
SUGAR, 1934	G2386 P.81	N.A. 1927	29 24 38.702			1191.6 (655.7)	
			90 47 02.121			57.2 (1560.4)	
SUGAR RM 2,1934 (SUB.PT.SUGAR)	Computed	"	29 24			1201.8 (645.5)	
			90 47			43.5 (1574.1)	
BM 955 ∠23.31 USE	USE GIBSON	"	29 32 08.227			253.3 (1594.0)	
			90 49 07.547			203.2 (1412.4)	
MILLER, 1934	G2386 P.82	"	29 26 46.041			1417.6 (429.7)	
			90 49 29.886			805.4 (811.6)	
ST.MICHAELS PLANTATION MORMON CH. SP., 1934	" P.103	"	29 27 26.13			804.5 (1042.8)	
			90 45 01.62			43.7 (1573.2)	
EAST, 1934	" P.100	"	29 32 07.782			239.6 (1607.7)	
			90 49 22.476			605.2 (1010.4)	
BM 824 ∠ 57.21 USE	USE GIBSON	"	29 32 09.386			289.0 (1558.3)	
			90 46 39.701			1069.0 (546.6)	
BM 1057 ∠ 27.45 USE	USE GIBSON	"	29 32 07.298			224.7 (1622.6)	
			90 51 03.053			82.2 (1533.4)	
SUB. PT. BM 955∠23.31 USE	Computed	"	29 32			250.2 (1597.1)	
			90 49			170.1 (1445.5)	
SUB.PT. BM 1057∠2745 USE	"	"	29 32			219.0 (1628.3)	
			90 51			145.0 (1470.6)	
SUB. PT. MILLER, 1934	"	"	29 26			1434.2 (413.1)	
			90 49			830.2 (786.8)	

1 FT.= .3048006 METER

COMM-DC-57843

COMPUTED BY: B.Wilson DATE 10-15-53 CHECKED BY: J. Steinberg DATE 10-20-53

COMPILATION REPORT T-9672

31. DELINEATION

The graphic method of compilation was used.

Photographs were clear and of fair scale. No difficulty was encountered in compilation.

The field inspector's notes were complete and adequate.

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Reference Item 5

No difficulty was encountered in the delineation of drainage. Old bayou beds, ~~which~~ are still clearly visible on the photographs, ~~have been shown with the intermittent stream symbol~~. Indicated on this map by woodland symbol 033 JHS

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate. No difficulty was encountered in delineating the shoreline and details alongshore.

Reference Item 7

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

None

38. CONTROL FOR FUTURE SURVEYS

None was established

39. JUNCTIONS

A satisfactory junction has been made with T-9029 to the north, T-9037 to the west, T-9673 to the east and T-9861 to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. PUBLIC LAND LINES

Plats of surveys by the Louisiana Land and Exploration Co. and the United Gas Line Co. were the scource of information used for plotting most of the section lines on the manuscript. Plane coordinate positions of section corners were shown on the plats. These established section lines are considered to be as reliable as can be obtained. G.L.O. plats available cover T-19S, R-16E; T-18S, R-17E and T-19S, R-17E. Discrepancies between these two sources of information are noted on a Section Line Discrepancy Print for the use of the field editor and review branch.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with U. S. Geological Survey Quadrangle BAYOU DU LARGE, scale 1:62,500, edition of 1944. Only minor changes have taken place.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with C&GS Chart No.1050, scale 1:175,000, published Oct. 1939, 1st edition corrected to 23 June 1952. No noteworthy changes exist.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Richard A. Reece

Richard A. Reece
Carto Photo Aid

Approved and Forwarded

H. C. Applequist

H. C. Applequist
Chief of Party

T-9672. Geographic Names.

Bayou du Large.
Bayou Mauvais Bois

Falgout Canal
Falgout Canal Bayou

Lake de Cade
Lake Theriot
~~Lake~~ Louisiana

Marmande Canal
Marmande Ridge
Minors Canal

Small Bayou la Pointe

Terrebonne Parish
Theriot
Thibodaux Canal

According to the 1955 Terrebonne Parish Highway Map, old No. 247 should now be No. 315

Names approved 11-28-56
L. Heck
L. H.

Form T-2 #8 17

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T-9672

1. Projection and grids JG 2. Title JG 3. Manuscript numbers JG 4. Manuscript size JG

4a. Classification label Unclassified

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy MMS 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) XX 7. Photo hydro stations XX 8. Bench marks XX 9. Plotting of sextant fixes XX 10. Photogrammetric plot report JG 11. Detail points JG

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline JG 13. Low-water line XX 14. Rocks, shoals, etc. XX 15. Bridges JG 16. Aids to navigation XX 17. Landmarks XX 18. Other alongshore physical features JG 19. Other alongshore cultural features JG

PHYSICAL FEATURES

20. Water features JG 21. Natural ground cover JG 22. Planetable contours JG 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations JG 26. Other physical features JG

CULTURAL FEATURES

27. Roads JG 28. Buildings JG 29. Railroads XX 30. Other cultural features JG

BOUNDARIES

31. Boundary lines JG 32. Public land lines JG

MISCELLANEOUS

33. Geographic names JG 34. Junctions JG 35. Legibility of the manuscript JG 36. Discrepancy overlay JG 37. Descriptive Report JG 38. Field inspection photographs JG 39. Forms JG

40. Jesse A. Giles / Jesse A Giles — Reviewer

William A Rasure / WILLIAM A RASURE — Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler — Supervisor

43. Remarks:

M-2623-12

FIELD EDIT REPORT
MAP T-9672

51. METHODS

Field edit was done in accordance with standard accepted practice and instructions as modified by:

(a) Bureau letter 711-lmh to Tampa District Office, subject: Field Edit-Project 24200 (Ph-90), Topographic and planimetric maps-Louisiana Coast, dated 2 January 1957.

(b) Bureau letter 711-lmh to Tampa District Office, subject: Location of Oil Wells-Project 24200 (Ph-90), dated 20 January 1957.

(c) Bureau letter 73-dmm to Chief, Photogrammetric Party No. 1, subject: Field Edit-Project 24200 (Ph-90), Louisiana, dated 20 February 1957.

Additions and corrections were made on the 1956 phothgraphs with red ink and cross referenced on the field edit sheet.

Field edit information is shown on the discrepancy print, the field edit sheet and four photographs numbered: 56-W-4093, -4150, -4170 and -4255.

52. ADEQUACY OF COMPILATION

The compilation will be fully adequate with the application of the field edit data combined with the other identifiable details of the 1956 photography.

53. MAP ACCURACY

No tests for horizontal accuracy was made within this quadrangle.

54. RECOMMENDATIONS

None offered.

55. EXAMINATION OF PROOF COPY

Mr. C. E. Bridges, Chief Civil Engineer, of the Louisiana Land and Exploration Company, P. O. Box 231, Houma, Louisiana has agreed to have his office examine a proof copy of any maps of this project

that may be submitted to him. The Louisiana Land and Exploration Company owns about 25% of the land within the limits of this project and have men that are familiar with the area that patrol this property.

Mr. Bridges office is highly interested in seeing accurate maps published of the area and are willing to have their office and field men examine the maps for any discrepancies that may exist in geographic names and other pertinent details.

Submitted 26 March 1957

Elgan T. Jenkins
Cartographer

Approved:

Ira R. Rubottom
Chief of Party

Review Report of
Planimetric Map T-9672
October 1958

62. Comparison with Registered Topographic Surveys:

T-5288 1:20,000 1934

There are shoreline changes, numerous additional canals on the later survey and considerable changes in culture in over twenty years time between the two surveys. T-9672 is to supersede T-5288 for nautical charting purposes of common areas.

63. Comparison with Maps of Other Agencies:

BAYOU DU LARGE, LA., 1:62500, 1940, U.S. Geological Survey. Differences listed under item No. 62 to a lesser degree of extent were found between these two surveys.

64. Comparison with Contemporary Hydrographic Surveys:

None!

65. Comparison with Nautical Charts:

1050 1:175000 Revised to 58 5/12

Some additional canals may be considered for application to this nautical chart for the next printing. The absence of this non-critical information, however, has little effect on the adequacy of the small-scale nautical chart.

66. Adequacy of Results and Future Surveys:

The revision of the original compilation manuscript from 1956 photography and results of 1957 field edit appears adequate and accurate.

Reviewed by:

Josef J. Streifler

Approved by:

L C Lande
Chief, Review & Drafting Sec.
Photogrammetry Division

Mary B. Ricketts
Chief, Nautical Chart Branch
Charts Division

T W Lawson
Chief, Photogrammetry Div.
16 July 59

H. M. Merrill
Chief, Coastal Surveys Div.

NAUTICAL CHARTS BRANCH

SURVEY NO. T-9672

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.