

9865

Diag. Cht. Nos. 1116-2 & 1274-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-90 Office No. T-9865

LOCALITY

State Louisiana

General locality Gulf Coast

Locality Little Lake to Calm Lake

194 52-57

CHIEF OF PARTY

E.H.Kirsch, Chief of Field Party

H.C.Applequist, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE July 31, 1959

9865

DESCRIPTIVE REPORT - DATA RECORD

T = 9865

Project No. (II): 24200 (Ph-90) Quadrangle Name (IV):

Field Office (II): Houma, La.

Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Tampa, Fla.

Officer-in-Charge: H. C. Applequist

Instructions dated (II) (III): 5 Sept. 1952
Supplement #1 25 Sept. 1952
Supplement #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):

Scale Factor (III): None

Date received in Washington Office (IV): 11-20-56 Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 12/17/58

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927

Vertical Datum (III): M.H.W.

~~Mean low water~~ 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): RACK, 1934

Lat.: 29°17'48.797" (1502.4 m.) Long.: 90°20'35.746" (964.7 m.)

Adjusted
~~uncorrected~~

Plane Coordinates (IV):

State:

Zone:

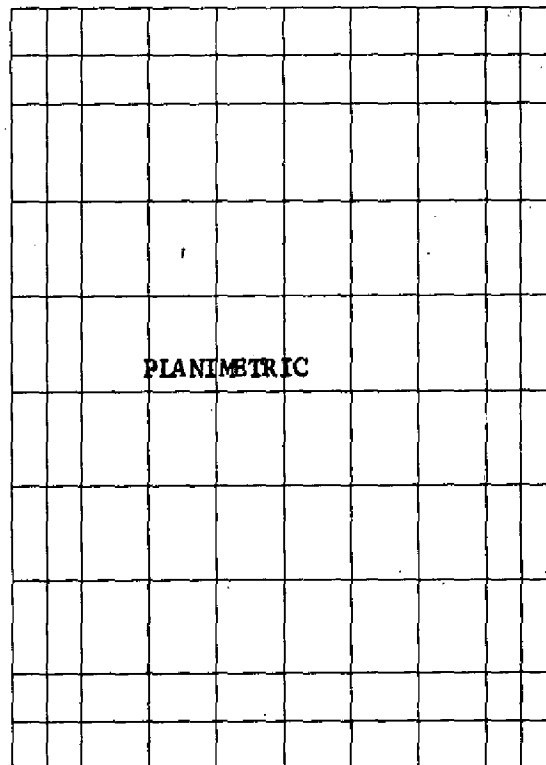
Y=

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.

DESCRIPTIVE REPORT - DATA RECORD



DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): B. F. Lampton, Jr.
W. M. Reynolds

Date: Nov. 1952 ✓
Feb. 1953 ✓

Planetable contouring by (II): None ✓

Date:

Completion Surveys by (II):

Elgan T. Jenkins

Date:

March 1957

Mean High Water Location (III) (State date and method of location):

Feb. 1953 ✓
Air Photo compilation ✓

Projection and Grids ruled by (IV): Joan Thuma (W. O.) ✓

Date: 2 Sept. 1953 ✓

Projection and Grids checked by (IV): H. C. Wolfe (W. O.) ✓

Date: 4 Sept. 1953 ✓

Control plotted by (III): R. R. Wagner

Date: 21 Oct. 1954 ✓

Control checked by (III): R. J. Pate

Date: 22 Oct. 1954 ✓

Radial Plot ~~and Stereoscopic~~

~~Control extension~~ by (III):

M. M. Slavney

Date: 17 Apr. 1956 ✓

Stereoscopic Instrument compilation (III):

Planimetry

Inapplicable ✓

Contours

Date:

Date:

Manuscript delineated by (III): I. I. Saperstein

Date: Oct. 1956 ✓

Photogrammetric Office Review by (III): J. A. Giles

Date: Oct. 1956 ✓

Elevations on Manuscript J. A. Giles
checked by (III): One B.M.

Date: Oct. 1956 ✓

Camera (kind or source) (III): **C&GS Nine-lens**

Number	Date	Time	Scale	Stage of Tide
39540	29 Sept. 1952	1027	1:20,000	
39585	"	1126	"	
39586	"	1127	"	
39591	"	1140	"	
39592	"	1141	"	+ 1.3

1956 single-lens photography:
 56-W-4236 - 4240 23 October 1956 1:30 000
 4523 - 4527 24 " " "
 4599 - 4603 " " " "

Tide (III) **Predicted**

Reference Station: **PENSACOLA**
 Subordinate Station: **PELICAN I., TIMBALIER BAY**
 Subordinate Station:

Diurnal		
Ratio of Ranges	Mean Range	Spring Range
-	-	1.3
0.9	-	1.2

Washington Office Review by (IV):

Josef J. Streifler

Date:

Nov. 1958

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **49**Shoreline (More than 200 meters to opposite shore) (III): **52**~~Shoreline (Less than 200 meters to opposite shore) (III):~~Control Leveling - Miles (II): **None**Number of Triangulation Stations searched for (II): **4**Recovered: **3**Identified: **3**Number of BMs searched for (II): **0**Recovered: **0**Identified: **1***Number of Recoverable Photo Stations established (III): **0**Number of Temporary Photo Hydro Stations established (III): **0**Remarks: *** One (1) Bench Mark established**

Summary
to accompany planimetric map T-9865

This is a planimetric map of Planimetric and Topographic Mapping Project Ph-90 (6090). The project is located on the northern shore of the Gulf of Mexico in the State of Louisiana.

Subject survey, a 7½ minute quadrangle, is north of Timbalier Bay and west of Barataria Bay in the vicinity of Grand Bayou Blue. Louisiana State Road No. 1 and Bayou Lafourche cut across the northeast corner for about two miles. It is along this road and bayou, that practically all inhabitants of the area are settled and the rest of the land area is all marsh. Along the northern edge are numerous canals where oil drilling is in progress.

Originally compiled in 1956 at the Tampa District Office from nine-lens photography of 1952 and 1953 field inspection, the compilation manuscript was revised in 1958 from 1956 single-lens photography and partial field edit of 1957. The field edit of this project was generally confined to areas accessible by road and only a section of about two miles of La. State Road No. 1 crosses the northeast corner of the sheet. All other revisions - mostly new canals and shoreline - were made by office interpretation only.

A copy of the compilation manuscript will be submitted to the U. S. Geological Survey to aid in the preparation and publication of a new topographic map at the scale of 1:62500.

A cronar film positive at the compilation scale of 1:20000 and the Descriptive Report will be registered and filed in the Bureau Archives.

Nov. 1958

2. AREAL FIELD INSPECTION

The entire land area is marsh except for narrow stretches which parallel Bayou Lafourche in the extreme northeast corner of the quadrangle.

Bayou Blue crosses the quadrangle in a northwesterly to southeasterly direction and is an important means of transportation for the various oil companies in bringing out crude petroleum by barge from the fields in the area. Numerous other smaller bayous are located throughout the area and are used mainly by the trappers of muskrat.

The area is uninhabited except for approximately 2 miles along State Highway 620 which crosses the northeast corner of the quadrangle. Scattered throughout the marsh are cabins used seasonally by trappers.

Petroleum, shrimping and trapping are the chief industries.

A part of one oil field is located along the northerly edge of the quadrangle and another is in process of development in Lake Raccourci, the northern area of Timbalier Bay.

The oil field in process of development in Lake Raccourci is the same as the field described under Item 2, Field Inspection Report, Quadrangle T-9882(), except for the following conditions: The piling, dolphin, etc., which hold the drilling equipment in place, are removed upon completion of the well, while they are usually left in the water by The Texas Company as noted in the above Field Inspection Report.

Field inspection was performed on the following 1:20,000 scale nine-lens photographs: 39540, 39585, 39586, 39591, 39592, and 39593. Field inspection is complete as of 15 February 1953. Some canals in the Lake Raccourci oil field, dug since photography, were located by planetable. As oil field development is constant and steady, the field editor should be alert for further changes in this area.

The photographs were of recent date and of good quality and no difficulty was encountered in their interpretation in the field.

No phase or single item of field work was deliberately left for field completion surveys.

3. HORIZONTAL CONTROL

All control was searched for and where recovered was identified.

No supplemental control was established by the field party.

The following station was reported lost: COAL 1934.

4. VERTICAL CONTROL

No vertical control existed in the area prior to a third-order line of supplemental levels was run by the field party following State Highway 620 which crosses the extreme northeastern corner of the area. Bench mark E 154 in this line falls in the quadrangle. No other vertical control was established.

5. CONTOURS AND DRAINAGE

Contouring in the area was limited to field revision of original Geological Survey contours of the area as published on the Lake Felicity quadrangle, fifteen minute series. These contours were transferred to 1:20,000 scale Navy single lens contact photographs to facilitate field work. Revision was done ^{Controlled by the map} at same time as field inspection. There are no contours in the area. Spoil along the canals is all low even when fresh, usually less than three feet above mean sea level, and rapidly decreases through settling and erosion until an elevation of approximately the surrounding marsh is reached.

All drainage is self-evident on the photographs and is the many bayous and canals which traverse the quadrangle.

6. WOODLAND COVER

Adequately covered by the photographs.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line along the bayous and canals is self-evident from the photographs. The shoreline of Lake Raccourci is all apparent and the compiler is to draft in the edge of the marsh.

All tidal action in the area is from winds rather than periodic and the low water line is synonymous with the mean high water line.

All docks, wharves, piers, and landings are adequately covered by notes on the photographs.

There are no submarine cables in the area.

The only shoreline structures are the buildings along Bayou Lafourche, on Photograph 39540.

8. OFFSHORE FEATURES

The only offshore features are the structures maintained by the oil companies in Lake Raccourci. These consist of platforms, to support oil tanks, pumping units, etc., which are necessary to the working conditions of the area.

9. LANDMARKS AND AIDS

There were no landmarks recommended for charting on nautical charts.

There are no aeronautical aids or fixed aids to navigation.

10. BOUNDARIES, MONUMENTS AND LINES

There are no civil boundaries within the limits of the map. Refer to "Special Report, Boundaries, Project Ph-90."

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

11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

All roads have been classified in accordance with Paragraph 5441 of the Topographic Manual, Part II.

All buildings and structures have been classified in accordance with Paragraph 5446 of the Topographic Manual, Part II, except cabins scattered throughout the area which were indicated as "cabins" and are recommended to be mapped as Class 1 buildings.

There are no bridges over navigable waters.

The clearance for an overhead power line approximately 1 mile south of Golden Meadow was determined to be 92 feet.

There are no airports or landing fields.

13. GEOGRAPHIC NAMES

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

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. 90-1, Data, Third-order Level Line, Larose to Grand Isle, Louisiana, forwarded to Washington Office 22 December 1952.

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

Letter of Transmittal, Public Land Lines Data, forwarded to the Washington Office 28 January 1953.

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. 90-9, "Special Report, Boundaries, Project Ph-90", forwarded to Washington Office 6 May 1953.

Map, Lake Raccourci Field, Union Producing Company, Lafourche and Terrebonne Parishes, Louisiana.

Letter of Transmittal No. 90-4, Data, Quadrangle T-9865(),
forwarded to Washington Office **MAY 13 1953**

Submitted
6 May 1953

William M. Reynolds
William M. Reynolds
Cartographic Survey Aid

Approved & Forwarded
MAY 13 1953

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

PHOTOGRAMMETRIC PLOT REPORT

21. AREA COVERED:

Photogrammetric Plot No.2 of Project 6090 A & B (52) Louisiana was for the remaining twenty-three (23) surveys in the project. The surveys are: T-9673 through T-9678, T-9862 through T-9867, T-9872 through T-9877, T-9880 through T-9884. This plot joins Plot No.1 on the west and T-9030 of Ph-21(47) at the north border of T-9673.

The sketch on Page 14 of this report shows the arrangement of the surveys, the centers of photographs used, the identified control and the adjoining surveys of Plot No.1 and 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 on 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 39000 series taken on 29 Sept. 1952.

One or more outer collimating marks are missing on about thirty(30) per cent of the nine-lens photographs. Adjustment for the missing collimation marks was done in accordance with the instructions issued for "Use of the Master Templet on Project Ph-90".

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

Closure and Adjustment to Control:-- The radial plot was run in groups of surveys over a period of eight months when higher priorities permitted. Preliminary plots indicated control discrepancies in quadrangles T-9676, T-9677 and T-9865.

The final plots were developed conventionally from the strongly fixed photographs through weaker fixes until completion. The control discrepancies noted in the preliminary plots persisted as follows with the photogrammetric plot positions shown as pass points:

On T-9676, GOLDEN MEADOW ICE CO. STACK 1934 (No. 65 on sketch) positively identified, gave an intersection 30.0 mm. (600meters) and approximately 348° in azimuth from the geographic position. It is noted that the geographic position fits a large building along the bayou and that the station must be mis-identified. Also on T-9676, GOLDEN MEADOW SCHOOL CHIMNEY 1934 (No. 66 on sketch) doubtfully identified gives a radial plot position 1.6 mm. (32Meters) southeast of the geographic position. There appears to be a chimney on an adjoining building that does fit the geographic position.

On T-9677, substitute station GOLDEN R.M. 1, 1934 (No. 64 on sketch) gave a radial plot position about 0.45 mm. (9 meters) west of the field position. This position is labelled "positive" in identification but the field print on which it was identified was not furnished this office; however, the control station identification card was explicit. It is noted that both the R.M. and its substitute station are on the east bank of the canal and the canal runs north and south; however, the sun azimuth from the R.M. to the substitute station gives the direction $194^{\circ}10.6''$.

On T-9865, R.M. 2 BLUE 1934 (No. 61 on sketch) positively identified, gave a radial plot position 0.45 mm. (9 meters) south-southeast of the field position.

None of the office photographs from Ph-21(47) were available, so recognizable points of detail along the junction with T-9029 and T-9030 of Ph-21(47) were selected as pass points for this project. Satisfactory junction was made.

23. ADEQUACY OF CONTROL

Ninty-four (94) horizontal control stations were identified for this plot; two of which, BM 824 / 57.21 U.S.E. (No. 1 on sketch) and ASHLAND SUGAR MILL W.T. 1934 (No. 2 on sketch) fell beyond the limits of the photographs furnished. The four stations, not held are discussed under "Closure and Adjustment to Control". There was sufficient control for the radial plot.

24. SUPPLEMENTAL DATA:

None.

25. PHOTOGRAPHY:

Photographic coverage was excellent excepting along the northern limits of Surveys T-9672 through T-9678 where it is adequate.

The omission of collimation marks on about a third of the nine-lens photographs has been discussed; it is noted that some chambers required 1.5 mm. of adjustment.

Contrast and definition of both the single-lens and nine-lens photographs is satisfactory.

None of the photographs were considered to be sufficiently tilted to justify computation.

26. GENERAL

Dates of completion of the plot by surveys were:

T-9673, T-9674	on	5 October 1955
T-9872, T-9873	"	5 October 1955
T-9880, T-9881	"	5 October 1955
T-9862, T-9863	"	7 October 1955
T-9882	"	13 December 1955
T-9883	"	25 January 1956
T-9884	"	26 January 1956
T-9874, T-9875	"	27 January 1956
T-9876, T-9877	"	29 February 1956
T-9864	"	14 March 1956
T-9675, T-9676	"	15 March 1956
T-9677	"	16 March 1956
T-9865	"	17 April 1956
T-9866	"	26 April 1956
T-9678	"	17 May 1956
T-9867	"	18 May 1956

Respectfully submitted,

Milton M. Slavney

Milton M. Slavney

Cartographer

Tampa Photogrammetric Office

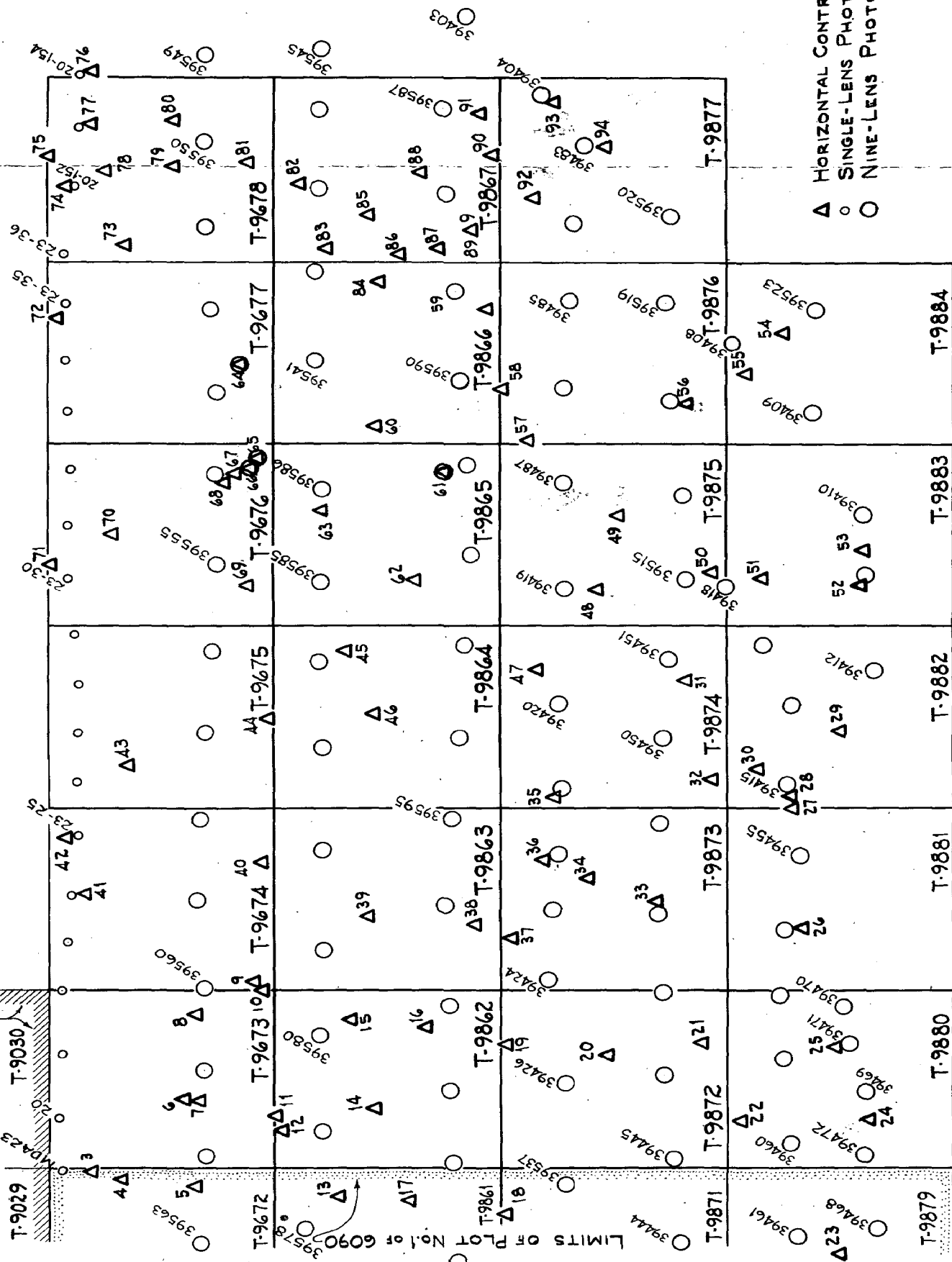
Approved and Forwarded:

H. C. Applequist

H. C. Applequist

Chief of Party

1 Δ LIMITS OF PH-21(47) Δ 2
T-9029 T-9030



INDEX OF CONTROL

1. R.M. 824-57.23 U.S.F.
2. ASHLAND SUGAR MILL W.T., 1934
3. Sub. Sta. NORMAN R.M. NO. 1, 1934
4. ST. MICHAELS PLANTATION NORMON CHURCH SPIRE, 1934
5. SWEDE R.M. NO. 2, 1934
6. Sub. Sta. TT 491, U.S.G.S., 1932
7. Sub. Sta. TT 458, U.S.G.S., 1932
8. Sub. Sta. 700W, 1934
9. ROYCEPAULY CANAL E. TWIN STACK, 1934
10. Sub. Sta. BODREPAULY, 1934
11. Sub. Sta. TT 478, U.S.G.S., 1932
12. Sub. Sta. PHILAC, 1934
13. Sub. Sta. NAM810, 1934
14. Sub. Sta. TT 488, 1932
15. Sub. Sta. BRIDGE, 1934
16. Sub. Sta. DRECK, 1934
17. Sub. Sta. ROSO, 1934
18. ROE, 1934
19. Sub. Sta. LITTLER, 1934
20. PARASOLLE, 1934
21. ELAINE, 1928
22. Sub. Sta. BODWYN, 1928
23. BOYCE, 1906
24. PELITO, 1928
25. Sub. Sta. TRINITY R.M. NO. 3, 1928
26. Sub. Sta. CAT ISLAND PASS, 1953
27. Sub. Sta. CAILLOU, 1928
28. Sub. Sta. LOY, 1953
29. KING 2, R.M. NO. 2, 1934
30. THE TEXAS CO. LAKE BARRE FIELD RADIO TOWER, 1953
31. PELICAN ISLANDS POINT LIGHT, 1953
32. Sub. Sta. TERREBONNE ISLAND, 1953
33. PLATFORM, 1953
34. LING, 1934
35. THE TEXAS CO. CAILLOU ISLAND FIELD RADIO TOWER, 1953
36. Sub. Sta. BAYOUN, 1934
37. Sub. Sta. SEA PREEZE, 1934
38. Sub. Sta. PLEBETTE, 1934
39. Sub. Sta. TAMBOUR, 1934
40. BARRE, 1934
41. MONTGUT TALLEST STACK, 1934
42. Sub. Sta. TT 615, U.S.G.S., 1934
43. TT 641, U.S.G.S., 1932
44. GUFFY, 1934
45. Sub. Sta. HIMP, 1934
46. Sub. Sta. CHIBY, 1934
47. Sub. Sta. FORMATION, 1934
48. Sub. Sta. PHILLO, 1934
49. CAMP, 1934
50. Sub. Sta. TETE, R.M. NO. 1, 1934
51. CALI, 1934
52. TIRAZLER LIGHTHOUSE, 1928
53. EAST 2, 1934
54. CALIFORNIA CO. TOWER BAY
55. CALIFORNIA CO. M. BARERS ETC., Sub. Sta. LA POURCHE, 1928
57. Sub. Sta. CANAL, 1934
58. Sub. Sta. LEVILLE, 1934
59. Sub. Sta. CANALT, 1934
60. Sub. Sta. ICE, 1934
61. BLUE R.M. NO. 2, 1934
62. WACK, 1934
63. LOTYO, 1934
64. Sub. Sta. GOLDEN R.M. NO. 1, 1934
65. GOLDEN MEADOW ICE CO. STACK, 1934
66. GOLDEN MEADOW SCHOOL CHIMNEY, 1934
67. GOLDEN MEADOW CATHOLIC CHURCH SPIRE, 1934
68. Sub. Sta. SANDAS, 1934
69. PALEAU R.M. NO. 2, 1934
70. Sub. Sta. IAPIT R.M. NO. 1, 1934
71. Sub. Sta. TT 371, U.S.G.S., 1932
72. BRUSTE, 1934
73. Sub. Sta. LITTE, 1934
74. VPT, 1934
75. ST. DENIS 3, 1934
76. MIS, 1934
77. MED, 1934
78. Sub. Sta. JOE, 1934
79. Sub. Sta. REE, 1934
80. RAY, 1934
81. HOCBERG 3, 1934
82. YOC, 1934
83. Sub. Sta. LOONSH, 1934
84. Sub. Sta. SET, 1934
85. Sub. Sta. JIM, 1934
86. REN, 1934
87. Sub. Sta. PAR, 1934
88. Sub. Sta. BOOR, 1927
89. Sub. Sta. CAN, 1934
90. Sub. Sta. MARIGAN 2, 1934
91. ADA, 1934
92. HONORE, 1927
93. GRAND ISLAND S.W. BASE, 1927
94. CARIMADA, 1927

SCALE FACTOR

1 FT. = 3048006 METER COMPUTED BY: J. Steinberg	DATE 9/16/53 CHECKED BY: B. Wilson	DATE 9/29/53 COMM-DC-57043
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COMPILATION REPORT T-9865

The Photogrammetric Plot Report is bound herewith.

31. DELINEATION

The graphic method of compilation was used.

The field inspection was adequate and no difficulty was encountered in the interpretation of the photographs.

Many of the photographs had clouds, obscuring detail, thereby making it necessary to use areas of photographs normally outside detailing limits. The manuscript, however, was completely delineated.

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Reference Item 5.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline was shown as it appeared on the photographs.
Reference Item 7.

The western shore of BAYOU LAFOURCHE, in the vicinity of Golden Meadow, is shown as the east edge of State Road 620.

The low-water line is synonymous with the mean high-water line. (Reference Item 7)

36. OFFSHORE DETAILS

All offshore details have been shown and labeled on the manuscript. (Reference Item 8)

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

All recoverable topographic stations have been reported lost. None were established.

39. JUNCTIONS

A junction has been made with:

T-9676 to the north ✓
T-9864 to the west ✓
T-9866 to the east ✓
T-9875 to the south ✓

40. HORIZONTAL AND VERTICAL ACCURACY ✓

No statement.

41. PUBLIC LAND LINES ✓

There are no recovered corners on the map manuscript. Land lines were constructed using G. L. O. plats and a map of the Texas Company in the area of Golden Meadow.

The northern line of T 20 S., R 22 E, was fixed using the Texas Company map and extending Section 6 and 5. A line along the southern edge of Section 6 and 5 was visible on the photographs, which matched the reconstructed line as shown on the G. L. O. plat. The land lines were constructed from the G. L. O. plat and drafted on the manuscript by holding detail common to both the plat and the manuscript.

It was noted, however, in the construction of the lines from the G. L. O. plats that an error was obviously made in the plat, in that BAYOU LAFOURCHE was shown as about two miles long between Sections 6 and 17, when, in fact, this part of the river is only a little over a mile long. The section lines were then shown on the manuscript by holding common detail; e.g., an island (on T-9866) and bends in the river. Most of the error, then, fell in Section 8 which is a small section. It will also be noted that the sides of Section 17 are not 80 chains in length, but the error is not as great as in Section 8.

By examining Geological Survey Quadrangles LAKE FELICITY and MINK BAYOU, it is obvious that they drew the same conclusions and the quadrangles were so published.

Sections 12 and 13, T 21 S, R 20 E, were extended from T-9864.

42. CITY BOUNDARY

The City Boundary of Golden Meadows was delineated according to the description shown in the "Special Report, Boundaries, Ph-90" and a map therein contained. One point on the boundary was recovered in the field.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with the LAKE FELICITY, LOUISIANA Quadrangle, scale 1:62,500, edition of 1944; and Planimetric Map T-5297, scale 1:20,000, survey of 1934.

Both of the above maps agree with the manuscript except for natural erosion changes and the construction of canals shown on this survey.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with USC&GS Chart 1274, scale 1:80,000, edition of July 1938, corrected to 13 August 1956; and Chart 1050, scale 1:175,000, edition of October 1939, corrected to 23 June 1952.

The maps listed under Item 46 were probably the source of topography for the charts and the same differences apply.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

I. I. Saperstein
I. I. Saperstein
Carto Photo. Aid

APPROVED AND FORWARDED

H. C. Applequist
H. C. Applequist, Chief of Party

T-9865.Geographic Names.Bay Courant.Bay des Canards.(not Conards)Bay SevinBayou FaleauBayou Gris-GrisBayou CourantBayou de la ValleBayou LafourcheBayou Pierre et LeeBayou SevinBayou Tete d'Ours

(not Tete de Ours)

Calm LakeCatfish LakeChina BayouChinaman BayouChinois PassCoal Tar BayDeep LakeGolden Meadow

(city)

Grand Bayou BlueJohn Flaisance BayJohn Flaisance CanalLacroix BayLafourche ParishLake RaccourciLake Trois JeansLaurier BayLaurier BayouLittle Grand Lake BayLittle LakeLouisianaPass a Jean

According to the 1955 Lafourche Parish Highway Map, No. 620 should
be changed to No. 1.

Names approved 12-5-56.

L. Heck L.H.

49. NOTES FOR THE HYDROGRAPHER

There are no photo-hydro or recoverable topographic stations.

50

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9865

1. Projection and grids J.G. 2. Title J.G. 3. Manuscript numbers J.G. 4. Manuscript size J.G.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 JG 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 XX 16. Aids to navigation XX 17. Landmarks XX 18. Other alongshore physical features JG 19. Other along-shore cultural features JB

PHYSICAL FEATURES

20. Water features JG 21. Natural ground cover JG 22. Planetable contours XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations XX 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 J.G. 32. Public land lines J.G.

MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy overlay J.G. 37. Descriptive Report J.G. 38. Field inspection photographs J.G. 39. Forms J.G.40. Jesse A. Giles
Jesse A. Giles ReviewerWm. A. Rasure
Supervisor, Review Section of Unit
Wm. A. Rasure

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:

T-9865

Field Edit Report

For Field Edit Report, which was confined to the area adjacent to Louisiana State Highway No. 1 (in extreme north-east corner) see Field Edit Report of T-9866.

Review Report of
Planimetric Map T-9865
November 1958

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

T-5297 1:20000 1934

In addition to minor shoreline differences throughout, subject survey shows numerous canals and installations associated with the exploration and development of oil, that do not appear on the older survey. T-9865 is to supersede T-5297 for nautical charting purposes of common areas.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

BAY COURANT, LA., 1:31680, 1935, U. S. Geological Survey
LAKE FELICITY, LA., 1:62500, Ed. of 1944 U. S. Geological Survey

These USGS quadrangles are similar to C&GS Survey of 1934 and do not include the later detailing listed under item No. 62.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

There are no contemporary hydrographic surveys of this area.

65. COMPARISON WITH NAUTICAL CHARTS:

1274	1:80000	Revised to 58	6/23
1050	1:175000	Revised to 58	5/12

There is good agreement between these nautical charts and subject survey.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

Completion survey of March 1957 was confined to a small area in the northeast corner of subject survey. The remaining area was revised adequately from 1956 photography by office interpretation only. There are no indications of deficiencies in accuracy or adequacy.

Reviewed by


Josef J. Streifler

APPROVED BY:

L. C. Lunde
Chief, Review & Drafting Section
Photogrammetry Division

Max Brickett
Chief, Nautical Chart Branch
Charts Division

Will Swanson
Chief, Photogrammetry Division
20 July 59

J. D. Russell
Chief, Coastal Surveys Division

NAUTICAL CHARTS BRANCH

SURVEY NO. T-9865

Record of Application to Charts

[illegible]

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.