

9861

Diag. Cht. Nos. 1116-2, 1274-2 & 1275-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-90 Office No. T-9861

LOCALITY

State Louisiana

General locality Gulf Coast

Locality Bayou Grande Caillou to Bayou

du Large

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

9861

DESCRIPTIVE REPORT - DATA RECORD

T - 9861

Project No. (II): 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 September 1952
(Supplement 1)25 September 1952
(Supplement 2)30 September 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):

12/17/58

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927

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

~~MEAN SEA LEVEL~~ 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): BLAN, 1934

Lat.: 29°20'49."441 (1522.2m)

Long.: 90°49'59."742 (1611.6m)

Adjusted

~~Unadjusted~~

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

Planimetric

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): W. M. Reynolds

Date: April 1953

Planetable contouring by (II): Inapplicable

Date:

Completion Surveys by (II): *Elgan T. Jenkins*

Date: *March 1957*

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

Projection and Grids ruled by (IV): Austin Riley (W. O.)

Date: 31 Aug. 1953

Projection and Grids checked by (IV): H. D. 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: 21 Oct. 1954

Radial Plot ~~or Stereoscopic~~

Date: 28 June 1955

~~Control~~ by (III): M. M. Slavney

Stereoscopic Instrument compilation (III):
Planimetry
Contours

Inapplicable

Date:

Date:

Manuscript delineated by (III): R. A. Reece

Date: 4 Nov. 1955

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

Date: 23 Dec. 1955

Elevations on Manuscript

checked by (II) (III): J. A. Giles

Date: 20 Dec. 1955

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C. & G. S. Nine-lens

Number	Date	Time	Scale	Stage of Tide
39535	29 Sept. 1952	10:15	1:20,000	Inapplicable
39537	"	10:17	"	"
39576	"	11:15	"	"
39577	"	11:16	"	"
39578	"	11:18	"	"
39579	"	11:19	"	"
39599	"	11:49	"	"
39600	"	11:50	"	"
39601	"	11:51	"	"

*1956 Single-lens photography:**56-W-4253 to 4257, 4540 to 4544 4582 to 4586, of 23 and 24 October 1956
Scale 1:30,000*

Tide (III)

Inapplicable

Reference Station:

Subordinate Station:

Subordinate Station:

Washington Office Review by (IV):

Josef 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):

59

Shoreline (More than 200 meters to opposite shore) (III):

56~~Shoreline (Less than 200 meters to opposite shore) (III):~~

Control Leveling - Miles (II):

Inapplicable

Number of Triangulation Stations searched for (II):

*3*Recovered: *3*Identified: *3*

Number of BMs searched for (II):

*3*Recovered: *3*Identified: *1*

Number of Recoverable Photo Stations established (III):

None

Number of Temporary Photo Hydro Stations established (III):

None

Remarks:

Summary
to accompany planimetric map T-9861

Subject survey is one of a group of planimetric and topographic maps designated as project PH-90 (6090). This project is located in the State of Louisiana and covers a part of the low coastal area bordering on the Gulf of Mexico.

This quadrangle of $7\frac{1}{2}$ minutes covers an area from Bayou Grand Caillon northwestward to and beyond Bayou Du Large. Near the latter bayou are the only signs of culture and limited woodland. State Highway No. 315 enters the area from the north directly east of Bayou Du Large and running parallel to said bayou for about 4 miles stops abruptly. The only dwellings are near this road and the bayou, though there are trapper's cabins throughout the remaining land area, which is marsh. Oil drilling is in progress in the northeast corner and along the south edges of subject area.

Graphically compiled in 1955 at the Tampa District Office from 1952 nine-lens photography and 1953 field inspection, the compilation manuscript was revised in 1957 from single-lens photography of 1956 and results of completion survey of March 1957. The reproduction medium for final registration copy, as submitted by the Tampa District Office, is the result of a scribed sheet, which required only minor additions and changes during Washington Office Review.

A copy of the final compilation manuscript will be furnished the U. S. Geological Survey to make this information of the later planimetry and revised contours available to that agency for the preparation and publication of a new topographic quadrangle 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.

Oct. 1958

2. AREAL FIELD INSPECTION

Most of the area is marsh. The only fast land being a narrow strip along either side of Bayou du Large and several small wooded areas which are also above the marsh. The area is sparsely settled with the entire population living along State Highway 247 which parallels Bayou du Large along its easterly side. The above mentioned road is the only road in the area and it enters the quadrangle from the north and ends after approximately 5 miles.

Bayou du Large affords an outlet to the Gulf of Mexico for the many small fishing boats found in the area.

The principal industries of the area are fishing, trapping, and petroleum.

Humble Oil & Refining Company has started operations in the north-east corner of the quadrangle. Several producing wells and a dehydration plant are located there.

Field inspection is believed complete and was performed on the following nine-lens photographs: 39577, 39578, 39599, 39600, and 39601.

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

No items were deliberately left for the field editor; however, new canals and producing wells will probably have been dug and brought in by the time of field edit.

3. HORIZONTAL CONTROL

All control was searched for and where recovered was identified.

No stations were reported lost and no supplemental control was established.

4. VERTICAL CONTROL

Three tidal bench marks of this agency were recovered, they are: BAYOU DU LARGE TIDAL BENCH MARK 1, 2 and 3.

No fly levels were run by the field party.

5. CONTOURS AND DRAINAGE

Contouring in this quadrangle was limited to revision of contours as shown on the published quadrangle compiled by the U. S. Geological Survey. The contours were transferred to single lens photographs by the Washington Office to facilitate field work. The area was closely inspected for areas in which additional contours might exist and elevations were determined for questionable spoil banks.

Elevations were determined for the spoil along the easterly side of Bayou du Large but few places were above the contour interval.

The elevations were determined by obtaining the elevation of the water at the closest bench mark and using the water level for the elevation of the spoil.

Drainage is all through the many bayous and canals. All of these are self-evident from the photographs.

6. WOODLAND COVER

Adequately covered by the photographs.

7. SHORELINE AND ALONGSHORE FEATURES

Most of the shoreline is apparent (edge of marsh). The exception being the banks of Bayou du Large. The easterly bank is fast shoreline throughout the quadrangle and the westerly bank is fast shoreline from near the end of the road northward.

There is little or no periodic tide and the low water line is synonymous with the mean high water line.

All docks, wharves, piers, etc. are adequately covered by the photographs.

There are no submarine cables within the area.

8. OFFSHORE FEATURES

There are none.

9. LANDMARKS AND AIDS

There are no landmarks for nautical charts or aids to navigation.

There are no aeronautical aids.

10. BOUNDARIES, MONUMENTS AND LINES

See "Special Report, Public Land Lines, Project Ph-90" and "Special Report, Boundaries, Project Ph-90."

11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

All roads and building classifications are adequately covered by the photographs.

There are no bridges or cables over navigable waters.

There are no airports or landing fields within the area.

13. GEOGRAPHIC NAMES

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

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. 90-7, "Public Land Lines, Special Report, 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. 90-9, "Special Report, Boundaries, Project Ph-90", forwarded to Washington Office 6 May 1953.

Letter of Transmittal No. 90-31, Data, Quadrangle T-9861(), forwarded to Washington Office

MAY 15 1953

Submitted
14 May 1953

William M. Reynolds
William M. Reynolds
Cartographic Survey Aid

Approved & Forwarded
MAY 15 1953

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

COMPILATION REPORT T-9861

PHOTOGRAMMETRIC PLOT REPORT

This report was submitted with T-9672 ✓

31. DELINEATION

The graphic method of compilation was used.
Photographs were clear and of fair scale.
The field inspection was adequate for compilation. ✓

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.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate for delineating the shore line and details alongshore. Reference Item 7.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None established.

39. JUNCTIONS

A satisfactory junction has been made with T-9672 to the north, T-9860 to the west, T-9862 to the east and T-9871 to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. PUBLIC LAND LINES

Section corners shown in red, were plotted from plane coordinate positions furnished by the Louisiana Land and Exploration Company and the United Gas Line Company. It is thought that these positions will eventually be accepted by the Bureau of Land Management.

Section lines as shown on G.L.O. plats do not junction with the foregoing so they have been omitted in the aforementioned area pending further investigation. The section lines which are shown in blue are from the old G.L.O. plats and are controlled by fitting them, as closely as possible to detail. An ozalid discrepancy print has been prepared for the use of the field editor. The section lines have been inked with colors corresponding to those penciled on the maps manuscript.

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. Comparitively few changes have taken place.

A comparison was made with Coast and Geodetic Survey map No. T-5289- LAKE MERCHANT, LAKE PAGIE TO BAYOU GRAND CAILLOU, scale 1:20,000 1932. Only minor differences were noted.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with C & G S Chart No. 1050, scale 1:175,000 published Oct. 1939, 1st edition, corrected to 23 June 1952. It is believed that the maps listed in paragraph 46 are the sources of most of the topography and the same differences exist.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY


None

ITEMS TO BE CARRIED FORWARD

None


Richard A. Reece
Carto Photo Aid

Approved and Forwarded


H. C. Appiequist
Chief of Party

SCALE FACTOR

1 FT = .3048006 METER
COMPUTED BY: **B. Wilson**
DATE **10/22/53**
CHECKED BY: **J. Steinberg**
DATE **11/4/53**
COMM-DC-57843 **18**

T-9861.

Geographic Names.

Bay Long ✓
Bayou Grand Caillou ✓
Bayou Dufrene ✓
Bayou du Large ✓
Bayou du Nord ✓
Bayou l'Ourse ✓
Bayou Jones ✓
Bayou Plat ✓
Bayou Rambio ✓
Bayou Severin ✓ (not Severn)
Bourgs Camp ✓

Fohs Canal ✓
Four Island Bayou ✓

Immaculate Conception Chapel ✓

Johnson Church ✓

Lewis Bayou ✓
Little Lewis Bayou ✓
Louisiana ✓

Mound Bayou ✓

St Andrews Church ✓
Small Bayou la Pointe ✓

Terrebonne Parish ✓
Treasure Bayou ✓

According to the 1955 Terrebonne Parish Highway Map , old No. 247 is
new No. 315. ✓

Names approved 11-27-56
L. Heck. L.H.

FIELD EDIT REPORT
MAP T-9861

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 with red ink on the 1956 photographs and are cross referenced on the field edit sheet.

All deletions were made with green ink directly on the field edit sheet.

In some areas all buildings were delineated to save the time of scaling or making overlays to determine which were new. The compiler can determine which buildings to add when the photograph is placed under the manuscript.

Field edit information is shown on the discrepancy print, the field edit sheet and two 1956W photographs numbered 4255 and 4583.

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 accuracy were made within the limits of 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 27 March 1957

Elgan T. Jenkins
Elgan T. Jenkins
Cartographer

Approved:

Ira R. Rubottom
Ira R. Rubottom
Chief of Party

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9861

1. Projection and grids J.G. 2. Title J.G. 3. Manuscript numbers J.G. 4. Manuscript size J.G.4a. Classification label Unclassified

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline J.G. 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 J.G. 19. Other along-shore cultural features J.G.

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines XXX 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 XX 37. Descriptive Report J.G. 38. Field inspection photographs J.G. 39. Forms J.G. 40. Jesse A. Giles Jesse A. Giles William A. Rasure
Reviewer 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

Review Report of
Planimetric Map T-9861
October 1958

62. Comparison with Registered Topographic Surveys:

T-5289 1:20,000 1934

The exploration and development of oil has caused some changes in subject area in recent years. These are the only noteworthy disagreements in the comparison. T-9861 is to supersede previously registered topographic survey for nautical charting purposes of common areas.

63. Comparison with Maps of Other Agencies:

BAYOU DU LARGE, LA., 1:62500, Ed. of 1944
U. S. Geological Survey

This publication does not incorporate the changes of recent years consisting of numerous canals and oil drilling installations.

64. Comparison with Contemporary Hydrographic Surveys:

None!

65. Comparison with Nautical Charts:

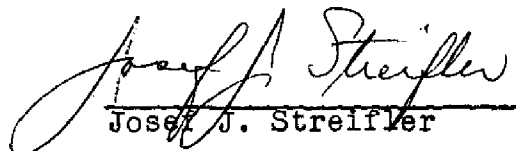
1274	1:80000	Revised to 58	6/23
1275	1:80000	" "	57 9/16
1050	1:175000	" "	58 5/12

A prominent pipeline canal appearing on charts 1050 and 1274 (crossing at western edge of chart 1274 at approximately 29°17' latitude) should be continued on chart 1275 when up again for revision. Other disagreements were not noted.

66. Adequacy of Results and Future Surveys:

The map was compiled and prepared for reproduction according to instructions and is within the requirements of adequacy and accuracy.

Reviewed by


Josef J. Streifler

APPROVED BY:

L C Lande
Chief, Review & Drafting Section
Photogrammetry Division

Max Buckle
Chief, Nautical Chart Branch
Charts Division

L W Swenson
Chief, Photogrammetry Division

W H Runkle
Chief, Coastal Surveys Division

13 July 59

NAUTICAL CHARTS BRANCH

SURVEY NO. T 9861

Record of Application to Charts

[illegible]

M-216B-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.