

9018

Diag. Cht. No. 1116-2 & 1276-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC

Field No. Ph-21(47) Office No. T-9018

LOCALITY

State LOUISIANA

General locality LOUISIANA GULF COAST

Locality WEST TO EAST COTE BLANCHE BAYS
INTRACOASTAL WATERWAY

1948

CHIEF OF PARTY

C. W. Clark, Chief of Field Party.

A. L. Wardwell, Tampa Photogrammetric Office

LIBRARY & ARCHIVES

DATE March 30, 1953

8106

DATA RECORD

T-9018

Project No. (II): Ph 21(47)

Quadrangle Name (IV):

South Bend, La.

Field Office (II): Morgan City, Louisiana

Chief of Party: Charles W. Clark

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Arthur L. Wardwell

Instructions dated (II) (III): 12 February, 1948

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): 5-22-50

Date reported to Nautical Chart Branch (IV):

5-26-50

Applied to Chart No.

Date:

Date registered (IV):

6-16-52

Publication Scale (IV): 1:40,000

Issue

Publication date (IV): March 1952

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): JAWS, 1933

Lat. 29°44'45"310 (1395.1M) Long. 91°37'22"695 (609.8M)

Adjusted

~~MEAN LOW WATER~~

Plane Coordinates (IV):

State:

Louisiana Zone: South

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.

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

DATA RECORD

Field Inspection by (II): J. S. Howell

Date: April 1948

Planetable contouring by (II): Inapplicable

Date: —

Completion Surveys by (II):

None

Date: —

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

From photographs dated 13 March 1948 (indefinite shoreline)

Projection and Grids ruled by (IV): W.E.W. Washington Office

Date: 19 Feb., 1948

Projection and Grids checked by (IV): " " "

Date: 19 Feb., 1948

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

Date: 21 March, 1949

Control checked by (III): J. C. Richter

Date: 30 March, 1949

Radial Plot ~~or Stereoscopic~~ M. M. Slavney
~~Control extension~~ by (III):

Date: 8 Aug., 1949

Stereoscopic Instrument compilation (III):
Planimetry
Contours

Date: —

Inapplicable

Date: —

Manuscript delineated by (III): R. Dossett

Date: October, 1949

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

Date: November, 1949

Elevations on Manuscript
checked by (II) (III): Inapplicable

Date: —

Camera (kind or source) (III): U.S.C. & G.S. nine lens 8.25" focal length

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
22031	13 Mar. '48	1501		1:20,000	+ 0.1
22032	"			1:20,000	+ 0.1

Tide (III)

Reference Station: Galveston

Subordinate Station: Cote Blanche, West Cote Blanche Bay

Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
1.0	1.0	1.4

Washington Office Review by (IV):

L. Martin Zajik

Date: April 12, 1951

Final Drafting by (IV):

Baltimore

Date:

Drafting verified for reproduction by (IV):

C. Kupiec

Date: Mar. 3, 1952

Proof Edit by (IV):

L. Martin Zajik

Date: 3-27-52

Land Area (Sq. Statute Miles) (III):

61.3

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

11.1

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

47.3

Control Leveling - Miles (II):

None

Number of Triangulation Stations searched for (II):

3

Recovered:

3

Identified:

3

Number of BMs searched for (II):

None

Recovered:

-

Identified:

-

Number of Recoverable Photo Stations established (III):

2

Number of Temporary Photo Hydro Stations established (III):

None

Remarks:

Summary T- 9018

This planimetric survey is one of a series of 21 maps at scale 1:20,000 in the Gulf Coast area of Louisiana. Except for T-9032 and T-9033, which are odd sizes, each is 7½ minutes in latitude and longitude.

The area covered by this project includes Houma, Louisiana, on the east, to Vermillion Bay on the west, and extends from the vicinity of the Intracoastal Waterway southward to Atchafalaya and Fourleague Bays.

Shoreline surveys for the Intracoastal Waterway of project Ph-14(46) at 1:10,000 scale, falling within the project, furnished some detailed information along both sides of the Waterway and for the planimetric maps of this project.

Adjoining this project to the west are 17 contemporary topographic quadrangles at 1:20,000 scale in project Ph-33(48). Adjoining to the east and covering the Intracoastal Waterway to Florida are a series of revision sheets at 1:20,000 scale of Project Ph-1(45). Bordering the three southernmost quadrangles of this project is an early photo compilation project completed in 1935.

FIELD INSPECTION REPORT
 Quadrangles 9016, 9017, 9018
 Project Ph-21(47)
 15 June 1948

1. DESCRIPTION OF THE AREA

The area embraced by these quadrangles is bounded on the north by Lat. $29^{\circ}45'$; on the south by Lat. $29^{\circ}37.5'$; on the east by Long. $91^{\circ}30'$; and on the west by Long. $91^{\circ}52.5'$.

Most of the area within Quadrangles 9016 and 9017 is in West Cote Blanche Bay. A small area along the northern limits of these quadrangles is land. The land area is principally low marsh and not fit for farming.

Quadrangle 9018 is almost entirely land and as mentioned above is principally marsh. A small settlement (South Bend) is found in the southeast corner of this quadrangle.

The area is uninhabited except during the trapping and summer seasons. Numerous trappers cabins are found through the marsh. These cabins are used as a base for working the trap lines during the season. Cypermort Point has numerous summer cabins for vacationing and fishing.

The area is accessible mainly by boat. Two roads are found in the area. One leads to Cypermort Point and the other passes through South Bend.

2. COMPLETENESS OF FIELD INSPECTION

Field inspection is believed to be adequate and complete and was performed in accordance with project instructions dated 12 February 1948.

3. INTERPRETATION OF THE PHOTOGRAPHS

As the photography was of recent date no great difficulty was encountered in the interpretation of the photographs.

4. HORIZONTAL CONTROL

All U. S. C. & G. S. horizontal control stations not recovered during 1947 field work were searched for and where recovered were identified on the photographs. The stations identified during the current field work are, TWIN-1933, OAK-1933, NED-1933, BRUSH-1933, NORTH-1933, MARSH ISLAND, NORTH CONSERVATION TOWER-1933, EAYOU-1933, YELLOW-1933, and SOUTH BEND-1933.

COTE BLANCHE 3, 1931 was recovered but not identified.

5. VERTICAL CONTROL

Not applicable to this project.

84

6. CONTOURS AND DRAINAGE

Not applicable to this project.

7. MEAN HIGH WATER LINE

As mentioned in the description of the area, the land is low marsh and the Mean High Water Line is indefinite. The apparent shoreline has been indicated on the photographs.

8. LOW WATER LINE

The Low Water Line is congruous with the High Water Line.

9. WHARVES AND SHORELINE STRUCTURES

All wharves and shoreline structures have been indicated on the photographs.

10. DETAIL OFFSHORE FROM THE MEAN HIGH WATER LINE

The detail offshore from the Mean High Water Line has been labeled on the photographs. This detail is principally an oil field off Cypremort Point, in West Cote Blanche Bay.

11. LANDMARKS AND AIDS TO NAVIGATION

No prominent features or structures are found in the area and no landmarks were selected.

The fixed aids within the area were located. The aids in West Cote Blanche Bay, at the entrance to Ivanhoe Canal were located by sextant fix. These aids are owned and maintained by the TEXAS COMPANY. Form 567 is submitted. The fixed aids in Quad 9018 near the intersection of Intracoastal Waterway and Charenton Canal were located by identification on the photographs.

9
12. HYDROGRAPHIC CONTROL

In accordance with instructions for this project, topographic stations were set to supplement the existing horizontal control. These stations were set in order to have a station at approximately two mile intervals.

13. LANDING FIELDS AND AERONAUTICAL AIDS

There are no landing fields or aeronautical aids within these quadrangles.

14. ROAD CLASSIFICATION

All roads have been classified in accordance with current instructions.

15. BRIDGES

Not applicable to these quadrangles.

16. BUILDINGS AND STRUCTURES

All substantial buildings in the area have been encircled on the photographs and all public buildings, where they exist, have been labeled.

17. BOUNDARIES

The entire area with the exception of the northwest corner of quadrangle 9016 is in St. Mary Parish. The Iberia-St. Mary Parish line passes through the northwest corner of quadrangle 9016. This line has been drawn in on photo. 22062 and the legal description of the parish boundary was submitted as a part of a special report entitled "SPECIAL REPORT, Boundaries, Ph-21(47) May 1948."

18. GEOGRAPHIC NAMES

Geographic names were adequately covered by "SPECIAL REPORT ON GEOGRAPHIC NAMES; Houma, Louisiana to Vermilion Bay, Louisiana, Project Ph-14(46) dated July 1947."

19. PREVIOUS SURVEYS Ph-14(46)

Ozalids for "T" sheets along the Intracoastal Waterway, which passes through Quadrangle 9018 were not available. The Waterway was field inspected and the fixed aids to navigation were located on the photographs.

Submitted by

John S. Howell
John S. Howell *By HAP*
Cartographer

William M. Reynolds
William M. Reynolds
Engineering Aid

Approved & Forwarded

Charles W. Clark
Charles W. Clark
Lieut. U.S.C.&G.S.
Chief of Party

PHOTOGRAMMETRIC PLOT REPORT

21. AREA COVERED

This report is on the photogrammetric plot for T-9012, T-9013, T-9014, T-9015, T-9017, T-9018, T-9019, T-9023, and T-9024 of Ph-21(47) Louisiana; and T-9016, T-9114, T-9115, T-9116, and T-9117, of adjoining project Ph-33(48) Louisiana. This continuous plot completed Ph-21(47). Because the junction of Ph-21(47) and Ph-33(48) is irregular and the radial plot was continuous this is a combined report.

The sketch on page 17 of this report, shows the arrangement of the quadrangles, the limits of Projects Ph-21(47) and Ph-33(48) sheets of Ph-14(46), junction with the previous photogrammetric plot for Ph-21(47), the centers of the photographs used, and the control identified for use in this plot.

22. METHOD

The plot was laid using hand templates in the radial plot method.

T-9014, T-9015, T-9017, T-9018, T-9019, T-9023, T-9024, T-9116, and T-9117 are regular quadrangles, $7\frac{1}{2}$ minutes in latitude and longitude. Quadrangles T-9012, T-9013, T-9016, T-9114, and T-9115 depart from regularity to make it possible to map all of a contiguous land area within onemap manuscript. The sketch on page 17 shows the digressions from regularity. All the projections are 1: 20,000 scale with the 10,000-foot intervals of the Louisiana South Lambert Co-ordinate System ruled on the projections.

The base grids, upon which this radial plot was laid, were of vinylite ruled with 10,000-foot intervals at 1: 20,000 scale. Sufficient grids were joined to encompass all the control identified for this radial plot and to extend into the area covered by Radial Plot No. 1 of Ph-21(47).

All the horizontal control recovered or established by the field party was plotted on the projections and checked. Substitute stations identified for controlling the radial plot were plotted graphically unless the substitute station was more than 1,000 feet from the main station, or more than one instrument set-up was made. For substitute stations more than 1,000 feet from the main station and, or, more than one instrument set-up, position computations were made and the station plotted conventionally and checked.

Control to be used in the main radial plot was transferred from the quadrangle projections to the base grid by matching the plane coordinate grid lines of the quadrangles with those of the base grid. Identified control that fell outside the projection limits was plotted on the base grids in the conventional way and checked.

The photographs furnished for this radial plot were nine-lens at 1: 20,000 scale, numbered as follows:

21939 - 21949 inclusive
 21967 - 21973 "
 21975
 21984
 21988 - 21990 inclusive
 22028 - 22040 "
 22058 - 22070 "
 22081 - 22091 "

In accordance with instructions for 1947 photographs numbered 19558 to 22340, master templet 21682 was used for correcting transforming errors and paper distortion.

Pass points were selected in a regular scheme, to assist in strengthening the plot. In areas where these quadrangles overlapped Ph-14(46) compilations, pass points were selected which were common to those of Ph-14(46) and this radial plot. The relative positions of these points will be discussed.

The templets were vinylite.

This radial plot was continued west from the junction with Radial Plot No. 1 of Ph-21(47), see sketch on Page 17. Development of the plot was conventional; templets rigidly fixed on "Positively identified control were laid first, then progressing through those with weaker fixes and finally bridging those with least control.

The final laydown of this radial plot gave tight intersections on passpoints and control throughout. Pass points, excepting several on the line of flight in an area of sparse overlap, were located by four or more cuts that gave strong fixes. This radial plot is considered strong and work has progressed on some of the quadrangles to give excellent intersections of cuts for detail points.

Twenty-three of the pass points located by this plot were especially selected as common with Ph-14(46) Louisiana for which film positive reductions and photographs were in this office. The relative positions of these points as established by this radial plot and Ph-14(46) are:

FIFTEEN POINTS	-	same position
THREE	"	-.2mm (4 meters) off
THREE	"	-.3mm (6 meters) off
TWO	"	-.6mm (12 meters) off

One of the pass points selected as common between the Ph-14(46) compilation T-8907 was McIlhenny Channel Light No. 1. The position of the light from this radial plot differs by .6mm (12 meters) from the Ph-14(46) position. A thorough investigation was made and the radial plot relayed, but the position arrived at on this radial plot did not change.

Of the sixty-two control stations provided for this radial plot all gave tight intersections on the final laydown but three did not hold their field positions. These are discussed under paragraph 23 (ADEQUACY OF CONTROL)

Intersections for all points located by the radial plot were circled on the plot before transfer to the map manuscripts. The map manuscripts were superposed on the plot with the grid co-ordinate lines of the projection matching those of the base grids for transfer of the photogrammetric points and photograph centers.

A check on the radial plot was made by putting each photograph in place under the map manuscripts. The dates of completion of the radial plot for the map manuscripts are:

Ph-21(47)

T-9019 and T-9024 on July 29
 T-9023 on August 5
 T-9015 and T-9018 on August 8
 T-9014 on August 18
 T-9017 on August 19, 1949
 T-9012 and T-9013 on October 10, 1949

Ph-33

T-9115 on October 5, 1949
 T-9114 on October 6, 1949
 T-9016 and T-9116 on October 11, 1949
 T-9117 on October 25, 1949

Pass points common with those of Ph-14(46) are shown with concentric circles of 4mm and 6mm diameter.

23. ADEQUACY OF CONTROL

Sixty-two horizontal control stations were used in this radial plot and they are considered to be adequate. Of the sixty-two identified stations, thirty-three were by the substitute station method, sixteen were natural objects, and thirteen were "pricked direct". Eight of the sixty-two control stations were identified as part of the field work on Ph-14(46) and were used to supplement the control specifically identified for Ph-21(47) and Ph-33(48).

Of the sixty-two control stations used in this radial plot all but four were held. Two of the stations classified "positive" in accuracy of identification and two as "doubtful." Particular effort was made to resolve the discrepancies on these four stations because no field party was in the area to make a field check. The four stations not held are discussed here.

1. East of T-9015 outside the project limits, the radial plot gave an intersection .8mm (16 meters) south southwest of the field position for Substitute Station OAKLAWN, 1931 (Positive), No. 28 on the sketch. This station is within 925 meters of OAKLAWN SOUTH COAST SUGAR MILL WATER TANK, 1931 which was also identified and held on the plot.

2. On T-9016 the radial plot gave an intersection .85mm (17 meters) west of the field position for Substitute Station BRUSH, 1933 (doubtful), No. 13 on the sketch. A note on the back of the station identification card stated that the "party visited the station the day after a marsh fire which made the marsh lines very difficult to follow on the photographs." This discrepancy is being checked during Field Edit for T-9016 which is within the adjacent project Ph-33(48).

3. On T-9024 the photogrammetric plot gave an intersection .4mm (8 meters) south of the field position for Substitute Station BELLE ISLE 2, 1888 (Positive), No. 41 on the sketch. There appears a small tree .5mm. north of the one pricked on field print Z1940 by the field party that very closely fits the radial plot. It is noted that BELLE ISLE SALT WORKS STACK, 1913 which was easily pricked direct is less than 1200 meters from Substitute Station BELLE ISLE 2, 1888 and the stack held on the radial plot.

4. On T-9024, along the junction with T-9025, the radial plot gave an intersection 2.05mm. (41 meters) north northeast of the field position for Substitute Station MYRTLE, 1935 (classified as "Doubtful"), No. 39 on the sketch. The point located as the substitute station is "a point of grass" and there is visible on the photographs another point of grass about 2mm. (40 meters) south southwest of the point pricked in the field which may be the one located in the field. Another explanation for the movement of this station may be the inherent weakness in the position of MYRTLE 1935. This intersection station was located by cuts from CROSS 1933 and BELLE ISLE 2, 1888; the azimuth at MYRTLE, 1935 to CROSS 1933 is given as $220^{\circ} 45' 29''$ and from MYRTLE 1935 to BELLE ISLE 2, 1888 is given $33^{\circ} 52' 18''$, a difference of $186^{\circ} 53' 11''$. All of which may account for the movement of Substitute Station MYRTLE in a north northeast and south southwest direction.

Control station WEEKS ISLAND MYLES SALT WORKS LARGE WATER TANK, 1948 on T-9013, No. 10 on the sketch, is a tank located by traverse from the intersection of the footings of WEEKS ISLAND MYLES SALT WORKS TANK, 1931 which is now "lost".

Substitute Station SALT on T-9023, No. 46 on the sketch, was identified and held on the radial plot. It had been classified as "Doubtful", because SALT 1933 was classified "DESTROYED", the 526 card stating, "the 5 inch concrete pipe has washed out and is lying in the water partly submerged. R.M. 1 and R.M. 2 were recovered in good condition and measurements to these marks indicate that the base of the pipe is in or close to the original position."

Control station YELLOW, 1933 on T-9018, No. 49 on the sketch, is now classified as "Destroyed", but was "pricked direct" and labelled "Doubtful", the monument having been found "lying on its side". It was held in the radial plot.

The monument for NED, 1933 in T-9115, No. 56 on the sketch, could not be found but some stakes driven in a circle that satisfied the description were assumed to mark the station. This point was "pricked direct". classified "Doubtful", but held in the radial plot, the station is however, considered "Lost". [T-9115 within project Ph-37(48)].

Control station 534 / 27.75 (U.S.E.) was plotted on map manuscript T-9012, No. 3 on the sketch, and it was planned to use the substitute station on this radial plot: it had been identified for use on Ph-14.

The control station identification card gave one distance, 9 meters, on the sketch and another distance, 14 meters, in the space reserved for "Distance" as the distance from 534 / 27.75 to SUBSTITUTE STATION 534 / 27.75. The substitute station was plotted using both distances in the possibility that the radial plot might resolve the discrepancy. However, the arrangement of photographs is such that the cuts go through both plotted positions.

24. SUPPLEMENTAL DATA

Film positives at 1: 20,000 scale of Ph-14(46) map manuscripts T-8895, T-8896, T-8903, T-8904, T-8905, T-8906 and T-8907 which fall within the limits of this radial plot (see sketch on page 19) were provided. Also provided with the above map manuscripts were the control identification cards and the 1: 10,000 scale nine-lens photographs used in compilation. Use of this control and the compilations has been discussed in other parts of this report.

25. PHOTOGRAPHY

Generally, the photography is considered very good and the coverage good. In some areas of T-9012, T-9017, T-9018, T-9019, T-9116, T-9023, and T-9024 the overlap of flight lines is less than the desirable amount. It would have made possible stronger fixes for pass points to have had a flight of photographs just north of T-9012, T-9013, T-9014, and T-9015. This too may have positively resolved discrepancies between Ph-14(46) and this radial plot.

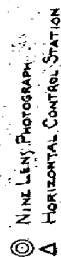
Some tilt was observed, photographs 21972, and 22058 being the worst, but not so bad as to prevent their use.

Attempts to transfer points from the 1: 10,000 scale photographs of Ph-14(46) to the 1: 20,000 photographs of Ph-21(47) and Ph-33(48) met with varying success, and the results obtained have been discussed in this report.

Milton M. Slavney
Milton M. Slavney,
Cartographer

Approved and Forwarded:

Ross A. Gilmore
for Ross A. Gilmore,
Chief of Party.



SKETCH TO ACCOMPANY REPORT
ON RADIAL PLOT NO. 2 OF PH-21(47) AND NO. 1
OF PH-33(48)

DATE: 10/20/2011

- [illegible]

SCALE FACTOR

PROJECT NO. Ph-21(47)

SCALE OF MAP 1: 20,000.

SCALE FACTOR

[illegible]

1 FT. - 3048006 METER

COMPUTED BY: M.M. Slavney

DATE 23 December 1948

CHECKED BY: R.R. Wagner

DATE 23 Dec. 1948

M-2388-12

18

MAP T. 9015

PROJECT NO. Ph-21(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR λ -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)
JAWS, 1933	G 1537 P.10	N.A. 1927	29 44 45.310 91 37 22.695			1395.1 (452.3) 609.8 (1002.4)	
FRANKLIN STERLING SUGAR MILL WATER TANK, 1931	Gulf Coast Arg P.85	"	29 48 15.411 91 29 33.638			474.5 (1372.9) 903.3 (708.0)	
FRANKLIN MUNICIPAL STANDPIPE, 1931	G 1244 P.84	"	29 47 34.619 91 30 13.557			1065.9 (781.5) 364.1 (1247.3)	
BAIDWIN S.E. BASE 1931	G 1244 P. 27	"	29 50 19.289 91 32 43.509			593.9 (1253.5) 1168.0 (442.7)	
FRANKLIN, 1931	G 1244 P. 26	"	29 47 04.277 91 31 21.100			131.7 (1715.7) 566.7 (1044.9)	
CHARENTON, 1931	G 1244 P. 26	"	29 53 13.282 91 31 18.277			409.0 (1438.4) 490.4 (1119.6)	
OAKLAWN SOUTH COAST SUGAR MILL, 1931	Foster Quad. No. 40	"	427,959.79 1,961,499.37	(7,959.79 (2040.21) (1,499.37 (8500.63)		2426.1 (621.9) 457.0 (2591.0)	
MYETTE, 1935	Foster Quad. P. 36	"	444,191 1,967,877	(4,191 (5809.) 7,877 (2123.)		1277.4 (1770.6) 2400.9 (647.1)	
SUB. STA. OAKLAWN 1931	Comp	"	425,109.29 1,960,911.03	5,109.29 (4890.71) 911.03 (9,088.97)		1557.3 (1490.7) 277.7 (2770.38)	

1 FT. = 3048006 METER

COMPUTED BY J. Council

DATE November 2, 1948

CHECKED BY H.R. Rudolph

DATE Nov. 10, 1948

M-2388-12

MAP T-9015

PROJECT NO. Ph-21 (47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

MAP T-9015

[illegible]

1 FT. = 3048006 MICRONS

COMPUTED BY: J Council

DATE November 2, 1948

CHECKED BY: H. H. Roudolph

DATE NOV. 10, 1948

M-2388-12

MAP T- 9016

PROJECT NO. Ph-33(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

[illegible]

1 FT. 3048006 METER

COMPUTED BY: J. Council

DATE NOV. 2, 1948

CHECKED BY: H. R. Rudolph

DATE Nov. 10, 1948

M-2388-12

1 ET = 3048006 METER

COMPUTED BY: J. Councill

DATE Nov. 2, 1948

CHECKED BY: H.K. Rudolph

DATE Nov. 10, 1948.

MAP T. 9019

PROJECT NO. Ph-21(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -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)
VERDUN, 1931	G-1244 P. 27	N.A. 1927	29 45 01.428 91 23 47.337			44.0 (1803.4) 1271.9 (340.2)	
GERMANIA, 1931	G-1244 P. 27	"	29 45 45.350 91 25 07.248			1396.3 (451.1) 194.7 (1417.2)	
SHADYSIDE PLANTATION WATER TANK 1931	G-1244 P. 84	"	29 43 58.900 91 23 15.841			1813.5 (33.9) 425.7 (1186.7)	
OLD NORTH BEND SUGAR MILL BRICK STACK, 1931	GULF COAST ARC P. 85	"	29 41 00.83 91 28 19.90			25.6 (1821.8) 535.1 (1078.1)	
CENTERVILLE CATHOLIC CHURCH SPIRE, 1931	G-1244 P. 84	"	29 45 31.498 91 25 43.273			969.8 (877.6) 1162.6 (449.4)	
FOSTER, 1931	Belle Isle P. 26	"	29 41 40.577 91 27 44.443			1249.4 (598.0) 1194.8 (418.2)	
POSSUM, 1933	" P. 58	"	29 37 53.357 91 24 13.906			1642.8 (204.5) 374.1 (1240.0)	
2375 \neq 69.37(USE)	Belle Isle P. 39	"	29 41 20.974 91 29 23.325			645.8 (1201.6) 627.1 (986.0)	
ALICE, J.W. FOSTER SUGAR MILL WATER TANK, 1931	Foster Quad. P. 1	"	401,022.56 1,953,790.84	1,022.56 (8977.44) 3,740.84 (6209.16)		311.7 (2736.3) 1155.5 (1892.6)	

1 FT. = 3048006 METER

COMPUTED BY J. Councill

DATE Nov. 2, 1948

CHECKED BY H.R. Rudolph

DATE Nov. 10, 1948

M-2388-12

2

SCALE FACTOR

STATION

[illegible]

1 FT = 3048006 METER

COMPUTED BY: J Council

DATE November 3, 1948

CHECKED BY: H.H. Rudolph

M-2388-1?

DATE Nov. 15, 1948.....

14

MAP T-9024

PROJECT NO. Ph-21(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR 1,000

[illegible]

1 ET = 3048006 METER

COMPUTED BY: J. Councill

DATE Nov. 3, 1948

CHECKED BY: H.R. Rudolph

DATE Nov. 15, 1948

M-2386-12

M. 2389.12

SCALE FACTOR

STATION

COVE. 1933

G.V.P. Ps 10

N.A.
1927

29	30	08.99
91	51	40.71

LATITUDE OR y -COORDINATE
LONGITUDE OR x -COORDINATE

DISTANCE FROM GRID IN FEET.
OR PROJECTION LINE IN METERS

DATUM
CORRECTION

N.A. 1927 - DATUM
DISTANCE
FROM GRID OR PROJECTION L
IN METERS
FORWARD (BACK

[illegible]

1 FT. = 3048006 METER
COMPUTED BY: E.T.

Ogilby

DATE Dec. 30, 1948

CHECKED BY: R.R. Wagner

DATE March 9, 1949

M - 2388 - 12

1 FT. = .3048006 METER		
COMPUTED BY: E. T. Ogilby??	DATE: December 30, 1948	
	CHECKED BY: R.R. Wagner	DATE: March 9, 1949
		M. 2388-12

[illegible]

1 of 2

MAP T. 9012

PROJECT NO. Ph-21(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -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)
STA. 768 \neq 00.29 (U.S.E.)	Deroven Quad No. 108	N.A. 1927	29 50 39.109 91 54 38.091			1204.2 (643.2) 1022.5 (588.1)	
STA. 680 \neq 01.67 (U.S.E.)	" No. 124	"	29 50 34.179 91 56 17.119			1052.4 (795.0) 467.6 (1143.0)	
STA. 611 \neq 80.98 (U.S.E.)	" No. 122	"	29 50 20.052 91 57 33.175			617.4 (1230.0) 890.6 (720.1)	
STA. 534 \neq 27.75 (U.S.E.)	" No. 118	"	29 50 01.254 91 58 58.380			38.6 (1808.8) 1567.3 (43.5)	
STA. 478 \neq 59.22 (U.S.E.)	" No. 128	"	29 49 42.055 91 59 57.669			1294.9 (552.5) 1548.3 (62.6)	
STA. 860 \neq 23.89 (U.S.E.)	" No. 112	"	29 50 38.869 91 52 53.312			1196.8 (650.6) 1431.1 (179.5)	
TT 58L (USGS) 1932	Abbeville Quad No. 18	"	29 51 19.62 92 01 49.46			604.1 (1243.3) 1327.6 (282.9)	
TT 57L (USGS) 1932	" No. 17	"	29 52 59.08 92 01 49.76			1819.1 (28.3) 1335.2 (274.8)	
AVERY, 1931	AGO NO. P. 1284	"	29 54 13.918 91 54 08.182			428.5 (1418.9) 219.5 (1390.2)	
CHAMPLAIN, 1933	G. 1537 P. 6	"	29 47 49.966 91 58 51.266			1538.5 (308.9) 1376.9 (234.5)	
SUB. STA. CHAMPLAIN	Comp.	"	29 48 91 58			26.4 (1821.0) 1542.4 (69.0)	
AVERY ISLAND SALT WORKS WATER TANK 1931	Gulf Coast ARC P. 86	"	29 53 40.250 91 54 34.896			1239.3 (608.1) 936.3 (673.6)	

1 FT. = 3048006 METER
COMPUTED BY: J. Steinberg

DATE Sept. 1948

CHECKED BY: H.R. Rudolph

DATE Oct. 3, 1948

M-2388-12

MAP T-9012

PROJECT NO. Ph-21(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR 1.000

[illegible]

1 FT - 30.48006 METER

1 FT. - 3048006 METER
COMPUTED BY: J. Steinberg

DATE **Sept.** 19**67**

CHECKED BY: **H.R. Rudolph**

DATE **Oct. 3, 1948**

M. 2388.12

MAP T-9013

PROJECT NO. PH-21(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -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)
WEEKS 2, 1931	ACC. NO. G 1244 P. 26	H.A. 1927	29 48 23.950 91 48 24.488			737.4 (1110.0) 657.6 (953.6)	
CLUBHOUSE CHY 1933	ACC. NO. G 1537 P. 15	"	29 49 11.503 91 49 51.844			354.2 (1493.2) 1392.0 (219.0)	
STA. 1076 + 86.17 (USE)	Deroven Quad. No. 131	"	29 49 22.637 91 49 35.785			697.0 (1150.4) 960.8 (650.1)	
CYPREMOFT PLANTA- TION METAL STACK, 1931	G.1244 P. 86	"	29 46 28.722 91 46 23.792			884.4 (963.0) 639.1 (972.7)	
(LA.G.S.) A-4013 1936	Deroven Quad. No. 56	"	29 48 03.120 91 47 31.614			96.1 (1751.3) 849.0 (762.3)	
1430 + 96.68 (U.S.E.)	Deroven Quad. No. 144	"	29 45 50.750 91 45 13.329			1562.6 (284.8) 358.1 (1253.9)	
CYPREMOFT CHURCH 1933	G-1537 P. 11	"	29 46 29.62 91 46 14.50			912.0 (935.4) 989.5 (1222.3)	
SHARK, 1933	Deroven Quad. No. 14	"	29 47 09.848 91 51 38.064			303.2 (1544.2) 1022.4 (589.2)	
TOPO STA. TANK (small) 1948	Comp.	"	29 48 91 48			651.0 (1196.4) 875.9 (735.3)	
TANK (large)	Comp.	"	29 48 91 48			634.4 (1213.0) 878.9 (732.3)	
TOPO. STA 1948	Comp.	"	29 45 50.763 91 45 40.200			1563.0 (284.4) 1080.0 (531.9)	
1407 + 28.85 (U.S.E.)	Deroven Quad. No. 143	"	29 46 08.210 91 46 50.443			252.0 (1594.6) 1355.1 (256.7)	
1340 + 18.84 (U.S.E.)	Deroven Quad. No. 140	"					

1 FT. = 3048006 METER

COMPUTED BY:

Steinberg

DATE Sept.

1948

CHECKED BY:

H.R. Rudolph

DATE

Oct. 4, 1948

MAP T-9014

PROJECT NO. Ph-21(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -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)
(LA.G.S.) Jeanerette A-4069, 1936	Quad No. 149	N.A. 1927	29 49 46.534 91 39 06.009			1432.8 (414.6) 161.3 (1449.6)	
A-4042, " 1936	" No. 124	"	29 52 12.196 91 39 57.523			375.5 (1471.9) 1543.5 (66.5)	
A-4041, " 1936	No. 123	"	29 51 50.071 91 39 13.863			1541.7 (305.7) 372.1 (1238.3)	
A-4039, " 1936	No. 121	"	29 51 08.707 91 38 44.893			268.1 (1579.4) 1205.0 (405.5)	
A-4037, " 1936	No. 119	"	29 50 52.673 91 39 07.128			1621.8 (325.6) 191.3 (1419.2)	
A-4036, " 1936	No. 118	"	29 50 27.299 91 39 18.036			840.5 (1006.9) 484.2 (1126.5)	
A-4034, " 1936	No. 116	"	29 49 36.133 91 39 27.250			1112.5 (734.9) 731.6 (879.3)	
A-4033, " 1936	No. 115	"	29 49 00.335 91 39 43.665			10.3 (1837.1) 1172.4 (438.6)	
A-4026, " 1936	No. 108	"	29 47 10.369 91 41 35.088			319.3 (1328.1) 942.4 (669.1)	
A-4024 (LA.G.S.) 1936	No. 106	"	29 47 08.643 91 42 55.165			266.1 (1581.3) 1481.7 (129.9)	
1550 f 93.48 (USE) 1939	U.S.E.	"	29 46 01.12 91 42 59.32			34.5 (1812.9) 1593.6 (18.3)	
(LA.G.S.) Jeanerette A-4027 1936	Quad. No. 109	"	29 47 08.955 91 41 05.772			275.7 (1571.7) 155.0 (1456.6)	

COMPUTED BY: H.F. Lampton

DATE March 18, 1949

CHECKED BY: R.R. Wagner

DATE March 19, 1949

COMPILATION REPORT, T-9018

31. DELINEATION

The delineation of this manuscript has been done by the graphic method.

The field inspection was adequate.

Since common points between this compilation and the film positives of the 1:10,000 shoreline compilations along the Intracoastal Waterway were not in agreement, this area has been compiled from the 1:20,000 scale photographs. It is suggested by the compiler that the direction of the aerial flight of the 1:10,000 scale photographs affected adversely the accuracy of some of the pass points and detail points of the 1:10,000 scale compilations, T-8903 and T-8904. This flight, following the direction of the Intracoastal Waterway, necessarily created flat radial line intersections.

32. CONTROL

There was sufficient control both primary and secondary to insure accurate detail points.

The poor scale of the photographs necessitated the establishment of more detail points than ordinarily would be needed in an area with little relief.

33. SUPPLEMENTAL DATA

None used. Reference Item 31.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. All drainage is apparent and no difficulty was encountered in its delineation.

35. SHORELINE AND ALONGSHORE DETAILS

See Items 7 and 8 of Field Inspection Report.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

The two nonfloating aids, (JAWS ENTRANCE LT. 1; MUD LAKE DAYBEACON 3) appearing on this manuscript, were transferred from the film positives of T-8903 and T-8904. Due to the discrepancy between plots noted in Item 31 of this report, it was necessary to transfer these aids by holding common adjacent detail features. Since the scaled positions, as submitted by the 1:10,000 scale survey of T-8903; T-8904, are not available, the positions of these aids have been rescaled and submitted on form 567.

No landmarks were recovered.

38. CONTROL FOR FUTURE SURVEYS

Two topographic stations are being submitted on form 524 with this report.

These topographic stations have been listed and included in Item 49.

39. JUNCTIONS

This quadrangle joins surveys T-9015 on the north, T-9017 on the west, T-9023 on the south and T-9019 on the east.

Junction has been made with all adjoining surveys.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement required.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with the Mississippi River Commission quadrangle, "BAYOU SALE", edition 1937, scale 1:62,500.

The two surveys are in good agreement except for cultural changes which are to be expected due to the time element involved.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Intracoastal Waterway Chart No. 882, scale 1:40,000, published February 1950 and corrected to 6 February, 1950. The shoreline surveys listed under Item 31 were the source of the planimetry on this chart; therefore, the two are in agreement except for the slight horizontal displacement of details.

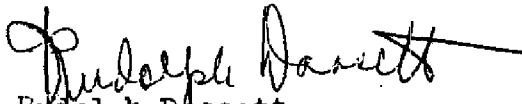
Comparison was also made with U.S.C. & G.S. Nautical Chart No. 1276, published March 1939, scale 1:80,000 corrected to 18 August, 1947. The map listed under Item 46 was apparently the main source of the planimetry on this chart and the same statement under that Item applies.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Dosssett
Cartographer (Photo)

Approved and Forwarded


Arthur L. Wardwell,
Chief of Party

48. GEOGRAPHIC NAME LIST

All geographic names were taken from a field copy of a Special Report on Geographic Names - Houma to Vermilion Bay, Louisiana. This report was prepared at the time the field work for Project Ph-14(46) was being done and is subject to change by the Geographic Name Section of the Washington Office.

- BAYOU BARTHOLOMEW
- BAYOU CARLIN
- BAYOU LONG
- BAYOU LOUIS
- BAYOU MASCOT
- BAYOU NAVE Pete
- BAYOU PORTAGE
- BAYOU SALE
- BAYOU ZENOR
- BLACK CROOK BAYOU
- BLIND BAYOU

- COP COP BAYOU
- COW ISLAND BAYOU

- ELLERSLIE
- EAST COTE BLANCHE BAY

- FRANKLIN CANAL
- FRESH WATER LAKE
- F. B. WILLIAMS STORAGE CANAL

- HANSON CANAL

- INTRACOASTAL WATERWAY

- JACKSON BAYOU

- LAKE JACKSON
- LAKE POINT BAYOU
- LITTLE CARLIN BAYOU
- LOUISIANA
- LOWER ISLAND

- MOSSY BAYOU
- MUD LAKE

- RICE BAYOU

- SOUTH EEND
- STATE NO. 60
- ST MARY PARISH

GEOGRAPHIC NAME LIST (Continued)

- THE JAWS
- THOURGUSON CANAL
- UPPER ISLAND
- WILD BUCK COULEE
- WEST COTE BLANCHE BAY
- YELLOW BAYOU

Names underlined in
red are approved.
4-10-51.
L. Heck.

49. NOTES FOR THE HYDROGRAPHER

There follows a list of topographic stations that will be useful to the hydrographer:

TANK, 1948

HUBA, 1948

TIDE COMPUTATION

PROJECT NO. Ph 21(47) 9018

Time and date of exposure 1502, 13 March 1948

Reference station Galveston

Mean range 1.0

Date of field inspection April 1948

Subordinate station

Cote Blanche, West Cote Blanche Bay

Ratio of ranges 1.0

	Time		Height feet	Height x Ratio of ranges	Range of tide	Time	
	h.	m.				h.	m.
High tide	17	43	0.6	0.6	High tide	17	43
Low tide	12	10	0.1	0.1	Low tide	12	15
Duration of rise or fall	5	33		0.5	Corrected time at Subordinate station	19	58
					Time difference	+ 2	15
					Low tide at Ref. Sta.		12 10
					Corrected time at Subordinate station		14 25

	h.	m.	feet	feet	Photo. No.
Time H. T. or L. T.	14	25	0.1	Feature bares	22031 to
Required time	15	02	0.0	Stage of tide above MLW	22032
Interval		37	0.1	Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Warren City, Louisiana

1948

I recommend that the following objects which have ~~been~~^{been} inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by **R. Donnelly**

Tampa Photogrammetric Office

Charles W. Clark
Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

PHOTOGRAMMETRIC OFFICE REVIEW

T. 9018

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

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) JG ~~XK~~
7. Photodata stations XK ~~BSC~~ ~~XXX~~
8. Plotting of sextant fixes JG 9. Photogrammetric plot report WAR 10. Detail points JG

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

20. Water features JG 21. Natural ground cover JG 22. Plantable contours XXXXXX 23. Slope XXXXXX
 24. Contour XXXXXX 25. Spot elevations XXXXXX 26. Other physical features JG

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines JG 32X P00012611XKXXXXXX

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 R. Gallas William A. Casare
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.

Computer

Supervisor

43. Remarks:

REVIEW REPORT T-9018
Planimetric Map

April 12, 1951

62. Comparison with Registered Topographic Surveys

T-6178 (Intracoastal Waterway)	1:20,000	1934
T-6347	"	1935
T-8903	"	1946
T-8904	"	1946

This planimetric survey supersedes the above listed surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies

Bayou Sale, La., Quadrangle, U.S.E., 1:62,500 1938

See Item 46 of the Compilation Report,

64. Comparison with Contemporary Hydrographic Surveys

None contemporary

65. Comparison with Nautical Charts

Chart 882	1:40,000	February 1950
1051	1:175,000	April 1950
1116	1:458,596	May 1950
1276	1:80,000	October 1950

A new feature not previously charted is the canal dredged from EAST COTE BLANCHE BAY to provide access to an oil area along BAYOU CARLIN.

66. Adequacy of Manuscript

This compilation complies with project instructions and the National Standards of Map Accuracy.

Reviewed by:

L. Martin Gazik
L. Martin Gazik

Approved by:

S. V. Lippitt 1/29/53
Chief, Review Section
Div. of Photogrammetry

H. E. Monahan
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Div. Photogrammetry

Carl O. Henton
Chief, Div. Coastal Surveys