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

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

LOUISIANA

General locality LOUISIANA GULF COAST

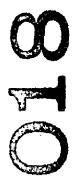
Locality WEST TO EAST COTE BLANCHE BAYS INTRACOASTAL WATERWAY

1948

CHIEF OF PARTY
C. W. Clark, Chief of Field Party.
A. L. Wardwell, Tampa Photogrammetric Office

LIBRARY & ARCHIVES

DATE March 30, 1953



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. iWardwell

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):

Date received in Washington Office (IV): 5-22-50 Date reported to Nautical Chart Branch (IV): 3-26-50

Applied to Chart No.

Date:

Date registered (IV): 6-16-52

1:40,000 Publication Scale (IV):

Issue Publication date (IV): March 1952

Geographic Datum (III): N.A. 1927

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

wire in succept 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)

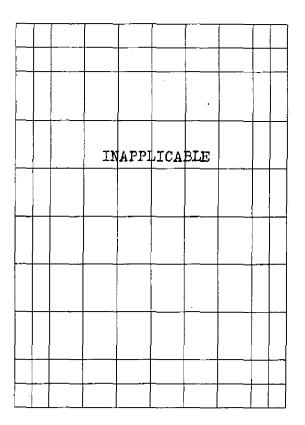
<u>Мажији</u> (46)

Plane Coordinates (IV):

State: Louislana zone: South

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_{\bullet} 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 ex-Stereoscopic M. M. Slavney Gentrol-extension by (III):

Date: 8 Aug., 1949

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Inapplicable
Date:

Manuscript delineated by (III): R. Dossett

Date: October, 1949

Photogrammetric Office Review by (III): J_{\bullet} 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

		PHOTOGRAPHS (III	1)	
Number	Date	Time	Scale	Stage of Tide
22031 22032	13 Mar. 148	1 501	1:20,000 1:20,000	+ 0.1 + 0.1

Tide (III)

Reference Station: Galveston

Subordinate Station: Cote Blanche, West Cote Blanche Bay

Subordinate Station:

L. Martin S Washington Office Review by (IV):

Date: april 17, 1951

Range

Baltimore Final Drafting by (IV):

Date:

1.0 1.0

Ratio of Mean | Spring Ranges Range

Drafting verified for reproduction by (IV): C. Kupiec

Proof Edit by (IV):

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

Number of BMs searched for (II):

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

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

Control Leveling - Miles (II):

None

Number of Triangulation Stations searched for (II):

Recovered:

Recovered:

Identified:

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 $7\frac{1}{2}$ minutes in latitude and longitude.

The area covered by this project includes Houma, Louisiana, on the east, to Vermilion 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 scuthermost 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°45'; on the south by Lat. 29°37.5'; on the east by Long. 91°30'; and on the west by Long. 91°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. Cypremort 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 Cypremort 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.

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 on 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.

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 AFRONAUTICAL 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

Cartographer

William M. Reynolds

Engineering Aid

Approved & Forwarded

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 off 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 templets 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 long-itude. 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 viny-lite 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 then 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 "
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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 OAKHAWN, 1931 (Positive), No. 28 on the sketch. This station is within 925 meters of CAKHAWN 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 descrepancy is being checked during Field Edit for 1-9016 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 21940 by the field party that very closely fits the radial plot. It is noted that BELLE ISLE SAIT 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° 45° 29" and from MYRTLE 1935 to BELLE ISLE 2, 1888 is given 33° 52° 18", a difference of 186° 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 ISIAND MYIES 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 ISIAND MYIES 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 YEHLOW, 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-33 (48)].

Control station $534 \neq 27.75$ (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 $534 \neq 27.75$ to SUBSTITUTE STATION $534 \neq 27.75$. 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.

Milton M. Slavney, Cartographer

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.

Approved and Forwarded:

Ross A. Gilmore, Chief of Party.

ACCOMPANY REPORT NO.2 OF PH-21(47) AND NO. PH-33(48)

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SQUARTER CANADA	National Lattiude Or a Coordinate Distance From Grid In Lattiude Or a Coordinate Lattiude Or a Coordinat	Result of Latitude or и соореаните или и сометите в потавите или и сометите от и сометите в потавите в потавите в потавите или и сометите в потавите в п	MAP T. 9018		PROJEC	T NO.F	PROJECT NO. Ph-21(47)	SCALE OF MAP 1: 20,000	000	SCALE	JR.
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Sale " 29 44 44,982 609.8 (1) 91 34 58,255 1365.0 (1) " 29 44 41,903 1256.2 (1) 91 34 40,938 1100.0 (1)	91 37 22,695 609.8 (1002.4) 29 44 44,982 1385.0 (462.4) " 29 44 41,903 1290.2 (577.2) 91 34 40,338 1100.0 (512.2)	29 37 22,695 609.8 (1002.4) 1385.0 (462.4) 1385.0 (462.4) 1385.0 (462.4) 1385.0 (462.4) 1290.2 (257.2) 1290.2 (257.2) 1290.2 (257.2) 1200.0 (212.2) 1200.0		Bayou Sa		ı					
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73 4 40,938 1290,2 (91 34 40,938 1100.0 (71 29 44 41,903 1290,2 (557,2) 91 34 40,938 1100,0 (512,2)	" 29 44 41,933 1100.0 (512.2) 91 34 40,338 1100.0 (512.2)		No. 32	,		}			<u> </u> _	
91 34 40,938	91 34 40,338 1100.0 (512.2)	91 34 40,338 1100.0 (512.2)		IJ						-	
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		DATE 23 December 1948 . CHECKED BY.R.R. Wagner DATE 23 Dec. 1948	İ								
		DATE 23 December 1948 . CHECKED BY.R.R. Wagner DATE 23 Dec. 1948									

N•A• N•A• 1927	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE		N.A. 1927 - DATUM
N.A. 1927		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM FROM GRID OR PROJECTION LINE FROM GRID OR PROJECTION LINE CORRECTION FORWARD (BACK) FORWARD (BACK)
oast " " " " " " " " " " " " " " " " " " "			1395,1 (452,3)
OB 3t = 1 = 1 = 1	37 22,695		609.8 (1002.4)
	11,41 84		474.5 (1372.9)
= = = = = = = = = = = = = = = = = = = =	29 33,638		903.3 (708.0)
E. BASE G 1244 1931 P. 27 " G 1244 " 1931 P. 26 .	47 34.619		
= = .	30 13.557		364.1 (1247.3)
G 1244 " P. 26	50 19,289		593.9 (1253.5)
G 1244 " P• 26 .	32 43.509		1168.0 (442.7)
1931 P. 26	47 04.277		131.7 (1715.7)
18	31 21.100		566.7 (1044.9)
	53 13.282		409.0 (1438.4)
CHARENTON, 1931 P. 26 91	31 18.277		490.4 (1119.6)
TH COAST Foster	427,959.79	(7,959.79 (2040.21)	2426.1 (621.9)
1,	1,961,499.37	(1,499.37 (8500.63)	457.0 (2591.0)
Foster	161,444	(4,191 (5809.)	1277.4 (1770.6)
	1,967,877	7,877 (2123.)	2400.9 (647.1)
STA. OAKLAWN Comp	425,109.29	5,109.29 (4890.71)	1557•3 (1490•7)
1931 " 1,960	1,960,911.03	911.03 (9,088.97)	277.7 (2770.3%)
•			
_	- 11	dan	
COMPUTED BY 4 COUNCILL DATE IN	DATE NOVEMBER 2, 1948	CHECKED BY: H.n. KUGOLDIN	COLDI DATE NOV. 10, 1948

O MAP T. 9015	0	PROJEC	PROJECT NO.Ph-21(47)	SCALE OF MAP 1: 20,000	000°0	SCALE FACTOR	Photogrammetry
STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE		DATUM	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	N F
BALDWIN N. W. BASEG 1244	1244	N.A.	29 52 43.051 91 35 23.131			1325.5 (521.9)	
18	P. 86	=				1114.0 (733.4)	
1931	G-1244 P- 27	= -				208.9 (1638.5) 623.3 (987.5)	
FRANKLIN ST. JOHNSG 1244 CATHOLIC CHURCH, FAST DOME, 1931 P. 84	G 1244 P. 84	= /	29 47 43.387	(SOUTH DOME)			
FRANKLIN ST. JOHNS 1244 CATHOLIC CHURCH P. 84	1244	=	29 47 43.892	(NORTH DOME)		1351.4 (496.0)	
STATU 1931	1244	. =	29 47 27,880			858.4 (989.0)	
		ť				-	
						3 3	
COMPUTED BY: J Councill	П	DAT	DATE November Z, 1948	CHECKED BYH. H. H. Boudol.ph	- dd Topnor	DATE NOV • 10, 1948	M-2388-12

DATUM LATITUDE OR J. COORDINATE DATUM NA. 1927 - DATUM LONGITUDE OR J. COORDINATE DATUM STORM GRID IN FEET DATUM GRID	National Control National Control	MAP T- 9016		PROJEC	PROJECT NOPh-33(47)	SCALE OF MAP 1: 20,000		SCALE FACTOR	٣
1933 \$\frac{6}{9}, \frac{1}{4} \text{N.h.} \text{29} \text{42} \text{1123.2} \text{(724.2)} \\ \text{1933} \text{6.7.14} \text{1927} \text{10.4.4.8} \text{1923.7.7} \text{10.4.4.8} \text{10.5.2.13} \text{10.4.4.8} \text{10.5.2.7.2} \\ \text{1.1933} \text{p.10} \text{10.5.2.7.5} \text{10.5.2.7.5} \text{10.5.2.7.7} \text{10.5.2.7.7} \text{10.5.2.7.7} \	1,933 \$\frac{9}{9}, \frac{1}{14} \$\text{N.M.*} \ 29 \ 42 \ 36.18 \ \ \text{1.123.2} \ (724.2) \ \ \text{1.144.8} \ \text{1.923} \ \text{1.152.13} \ \text{1.152.1348} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.1348} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.1348} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.1348} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.1348} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.1348} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.1348} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.1348} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ \text{1.152.13} \ 1.152.13	STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	· ·		- DATUM NCE ROJECTION LINE TERS	DISTA PROJE ETERS
H, X1933 P.10	H, X,1933 P.10 R 29 43 55.413 1706.2 (141.1.2) CRESTORE R. X,1933 P.10 R 29 14 55.413 R 20 16.936 R 25.11 R 29 38 22.561 R 20.24 R 20.0 (1429.9) P.2 P.2 R 2 R 29 37 A7.390 R 29 27 A7.390		G.P.	N.A. 1927	42		1123.2 (724.2) 168.0)	
H, 1933 P; 2 19 54 06,839 184,00 (429,9) F; 7 7 7 7 7 7 7 7 7 7	H, 1933 Pr. 2	į.	" P.10	Ξ.	£\$ 43		1706.2 (1	41.2) 157.3)	Destrayed
7.593 F: 14	7933 F: 14 1 29 37 47.30 1456.3 (391.0) Desitoring 18.84 18.84 19.0 (2.06) 1256.2 (391.0) 18.84 19.0 (2.06) 12.307			z '	38		694.7 (1	152.7)	Limits changed to T-9115
18.84	18.84 Potover 1 29 16 08.210 252.0 (1594.6)	:	" P. 14	=	37, 50×		813.5	391.0)	Destroyed
402.66 Derover U 29 46 15.307 471.9 (195.1) 115.9 (1495.9) 115.9 (Post 66 Decouse 29 46 15.307 115.9 (1376.1) 115.9 (1495.1)	1	Beronen		947		552.8 (1	594•6)	
4.02.66 Perover 11 29 46 15,307 11,5,9 (14,95,9) -	4 02.66 Derover 11 29 46 15.307 115.9 (1495.9) 115.	(USE)	P. 140		46 50-4			256.7)	
115-9 (1495-9) - 115-9	115.9 (1495.9) - 61 48 04.314 115.9 (1495.9) - 61 48 48.8 Rudolph DATE NOV. 10, 1948	1326 / 02.66	Derover	l Ł	97		471.3 (1	376.1)	
ASTOR WITER	48006 MITER PD BY. J. COUNCIL DATE NOY. 2, 1948 CHECKED BY. H. R. R. Rudolph DATE NOV. 10, 1948	(ISN)	451-139	*	£**10 81		7) 6*511	162-64	
	DATE NOY 2 2 1948 CHECKED BY. H.R. Budolph DATE NOV 2 10 1948	: -							
	DATE NOY 2 2 1948 CHECKED BY. H. R. R. RUdolph DATE NOV 10, 1948								
	DATE NOV. 2, 1948 CHECKED BY. H. R. R. Rudolph DATE. NOV. 10, 1948								
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	DATE NOV. 2, 1948 CHECKED BY. H.R. Rudolph DATE NOV. 10, 1948	!							
	DATE NOV. 2, 1948 CHECKED BY. H.R. Rudolph DATE NOV. 10, 1948								
O O C STORY	DATE NOV. 2, 1948 CHECKED BY. H.R. RUGOLDh DATE NOV. 10, 1948								
	DATE MOY Z. L. YAK CHECKED BY HAKA KUGOLDI	1 FT 3048006 METER					_	1012	

OR1.000	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)			- 1															10, 1948
SCALE FACTOR 1.000	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	690.1 (1157.3)	1749.1 (98.3)	37.7 (1574.4)	416.6 (1430.8)	1276.5 (335.9)	1395.1 (452.3)	609.8 (1002.4)											DATE NOV. 10, 1948
0000	DATUM								l			! 				!		_	Rudolph
SCALE OF MAP 1: 20,000	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)																		CHECKED BY H.K. Rudolph
PROJECT NO.Ph-21(47)	LATITUDE OR U-COORDINATE LONGITUDE OR x-COORDINATE	38 22.413 38 10.992	44 56.806	43 01.404		47.502	44 45.310	37 22.695										i i	DATE NOV• 2, 1948
CT NO.	LATITUE	82 82 83 83	7 62	7 76	29 1	7 16	29 1	Я 3				 		ļ 					ATE NOV
PROJE	DATUM	N.A 1927	=	•	i i	F	· ·	=	(-		
	SOURCE OF INFORMATION (INDEX)	G-1537 P. 2	G-1244	P. 26	Bayou	4	IJ	10								-			Councill
MAP T9017	NO!	1933	NCHE 3	1913		1933		1933						1				; ;	1 FT. = 3048006 METER COMPUTED BY: J. COU
MAP	STATION	BAYOU,	COTE BLANCHE 3			BLUFF,		JAWS,					!		_		-	_	1 FT.=,3048 COMPUTED

OR x-COORD OR 4-COORD OR 4-COORD OR 21 07-21 07-21 07-21 15-84 43-2 43-2 44-44 14-44	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM PROM GRID OR PROJECTION LINE CORRECTION GRID OR PROJECTION LINE IN WETERS FORWARD (BACK) 44.0 (1803.4) 1271.9 (340.2) 1396.3 (451.1) 194.7 (1417.2) 1813.5 (33.9) 425.7 (1186.7) 25.6 (1821.8) 25.6 (1821.8) 969.8 (877.6)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
1931 P. 27 1927 91 23 45 C-1244 29 45 25 C-1244 29 45 DE PLAN G-1244 29 45 DE PLAN G-1244 29 43 WATER TANK Arc 91 23 THE BENCK Arc 91 23 THE GATHOLIC 244 29 45 SPIRE, 1931 P. 84 25 41 Belle Isle 29 41 Belle Isle 29 41 Belle Isle 29 41 Belle Isle 29 27 1931 P. 26 91 27 1933 P. 26 91 27 1933 P. 26 91 24	20 20 20 20 20 20 20 20 20 20 20 20 20 2	44.0 (1803.4) 1271.9 (340.2) 1396.3 (451.1) 194.7 (1417.2) 1813.5 (33.9) 425.7 (1186.7) 25.6 (1821.8) 535.1 (1078.1) 969.8 (877.6)	
1931 P. 27 1927 91 23 1928 1931 P. 27 1927 91 25 45 1928 P. 27 91 25 43 1931 P. 84 91 23 41 1931 P. 85 91 25 41 1931 P. 84 86116 Isle 29 41 25 41 1931 P. 86 86116 Isle 29 41 25 41 1931 P. 26 91 27 91 27 91 28 91 27 91 27 91 25 91 27 91 25 91 24 91 2	250 20 20 20 20 20 20 20 20 20 20 20 20 20	1271.9 (340.2) 1396.3 (451.1) 194.7 (1417.2) 1813.5 (33.9) 425.7 (1186.7) 25.6 (1821.8) 535.1 (1078.1) 969.8 (877.6)	
G-1244 29 45 45 Es 1931 P. 27 91 25 43 45 45 45 45 45 45 4	1. 1. 20 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	1396.3 (451.1) 194.7 (1417.2) 1813.5 (33.9) 425.7 (1186.7) 25.6 (1821.8) 535.1 (1078.1) 969.8 (877.6)	
Carroll	38 17 28 29 29 29 29 29 29 29 29 29 29 29 29 29	194.7 (1417.2) 1813.5 (33.9) 425.7 (1186.7) 25.6 (1821.8) 535.1 (1078.1) 969.8 (877.6)	
DE PLANT WATER TANK WATER TANK ITH BEND GULI COS ST. 29 43 ITH BEND GULI COS ST. 29 41 ITHE CATHOLICIAN SPIRE, 1931 P. 84 Belle Isle 29 45 SPIRE, 1931 P. 26 1933 P. 26 1933 P. 26 1933 P. 26 29 41 29 41 29 27	8 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1813.5 (33.9) 425.7 (1186.7) 25.6 (1821.8) 535.1 (1078.1) 969.8 (877.6)	
1931 P.84 91 23 112 BEICK Arc 1931 P.85 91 28 112 CATHOLICATOR 91 28 112 CATHOLICATOR 91 28 1931 P. 26 91 27 1933 P. 58 91 24 1933 P. 58 P. 5	73 88 82 8	25.6 (1821.8) 25.6 (1821.8) 535.1 (1078.1) 969.8 (877.6)	
THE BEND Gulf Com st. 29 41 1931 P.85 " 29 41 1931 P.84 " 29 45 SPINE,1931 P.84 " 29 41 Belle Isle " 29 41 1931 P. 26 91 27 1933 P. 58 91 24	38	25.6 (1821.8) 535.1 (1078.1) 969.8 (877.6)	
1931 P.85 " 91 28 7 ILLE CATHOLICIAL 29 45 SPIRE,1931 P.84 " 29 41 Belle Isle " 29 41 1931 P. 26 91 27 1933 P. 58 91 24	38	(1.8701) 1.555	
ILLE CATHOLIC1244 29 45 SPIRE,1931 P. 26 29 41 1931 P. 26 29 41 1933 P. 58 29 37	38	(9.778) 8.696	
1931 P. 26 91 27 1933 P. 58 91 24	23		
1931 P. 26 91 27 1933 P. 58 91 24	44	1162.6 (449.4)	
1931 P. 26 91 27 " 29 37 1933 P. 58 91 24	_	1249.4 (598.0)	
1933 Po. 58 91 24	5+	1194.8 (418.2)	
1933 P. 58 91 24	57	1642.8 (204.5)	
	90	374.1 (1240.0)	
<u>~</u>	1/4	645.8 (1201.6)	
	25	627.1 (986.0)	
401,022.	1,022,56 (8977.44)	311.7 (2736.3)	
TANK, 1931 P.1 " 1,953,790.84	3,740.84 (6209.16)	1155.5 (1892.6)	

Photogrammetry

STATION Paper of the paper	source of information (INDEX) (C.1537 N.A. P. 1 1927 G. 1537 " P. 1 " P. 1 " P. 1 "	UDE OR y-COORDINATE			N.A. 1927 - DATUM	
6-1537 N.4. 29 30 31-433 P. 1 1927 91 36 00.428 G. 1537 " 29 31 37.300 P. 1 " 91 32 31.442 Point	G.1537 N.A. P. 1 1927 G. 1537 " P. 1 " Point Au Fer "	וחטב טא אינטטמעוויאוב			FORWARD (BACK)	FACTOR DISTANCE FROM SRID OR PROJECTION LINE IN METERS FORWARD (BACK)
P. 1 1927 91 36 00.428 G. 1537 " 29 31 37.300 P. 1 " 91 32 31.442 Point 263,789.23 3,789.23 (6210.77) Au Far " 1,945,632.16 (4367.84) P. 16 " 1,945,632.16 (4367.84)	F. 1 1927 G. 1537 " F. 1 " Point Au Fer "				967.8 (879.5)	
G. 1537 " 29 31 37.300 P. 1 " 91 32 31.442 Point 263,789.23 3,789.23 (\$210.77) Au Fer " 1,945,632.16 (4367.84)	G. 1537 " P. 1 " Point Au Fer "	ĺ			11.5 (1604.5)	
P. 1 " 91 32 31.442 846.7 (Point 263,789.23 5,789.23 (6210.77) 1155.0 (Au Far " 1,945,632.16 (4367.84) 1716.7 (1155.0 (1155.	Point "				(6.869) 4.8411	
Point 263,789.23 3,789.23 (6210.77) Au Fer " 1,945,632.16 (4367.84) S,632.16 (4367.84)	Point Au Fer "				~	
Choractic Carterian Control of the C		3,789.23			1155.0 (1893.0)	
	F. 100				1/10.1(1.221.01)	
FT.=.3048008 NETER	Conneill	ombon 2 10%	å H	איין טיטי	3 C 10 M	

SCALE FACTOR 1,000	TUM FACTOR DISTANCE TION LINE FROM GRID OR PROJECTION LINE IN METERS (BACK) FORWARD (BACK)																		M · 2366 - 12
SCALE FA	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	845.6 (1001.7)	259.8 (1356.0)	1 1	150.7 (1404.5)	762.3 (852.3)	~	933.8 (681.9)	250.1 (1597.2)	957.0 (658.8)	1023.4 (823.9)	891.6 (723.6)		:					
0000	DATUM								!		į								
SCALE OF MAP 1: 20,000	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)																		
u (47)	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	27.463	249.60	21.129	25.59	41.535	46.539	34.676	08,123	35.536	33.24	33.12		,					
NO Ph-	ATITUDE OF		1 24			2 2 2 2	29 31		29 31	91 25	29 33	1 22	 						
PROJECT NO.Ph-21(47)	DATUM L		1927 91	52 5		l	2	. 91	2	,	= 2				<u> </u>				
	SOURCE OF INFORMATION (INDEX)		P. 1	G. 1537	7. 7.	P. 9	G537	1	G. 1537	6°d	G 1537	P. 12					 		
MAP T. 9024	STATION		BELLE ISIE 2,1888		HOG., 1933	TOW, 1933	BELLE ISLE SALT	STACE 1913		STANLEY, 1933 F		MYRTIE, 1933							1 FT = 3048006 WETER

Photogrammet

R	FACTOR DISTANCE FROM GRID OR PROJECTION LINI IN METERS FORWARD (BACK)																	P. 1949 F.
SCALE FACTOR		1620.6 (226.7)	1524.0 (90.3)	694.7 (1152.7)	184.0 (1429.9)	924.0 (923.3)	1139.4 (474.7)	552.6 (1294.8)	631.7 (983.8)									DATE March 9, 1949
D,000	DATUM																	rauße
SCALE OF MAP 1: 3	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)																	CHECKED BYEAR HAGRET
PROJECT NO. Ph-33(48)	LATITUDE OR y-COORDINATE	36 52.637	58 56.644	38 22,561	54 06.839	37 30.012	52 42.354	32 17.947	57 23.461									ояте December 30, 1948
ECT NO		29	77	59	91	29	91	29	91									 рате Дес
PROJ		N.A.	1927	.		=		=	ŗ							 <u> </u>		
	SOURCE OF INFORMATION (INDEX)	G.Ps	V• 13	.	P.2	11 1	P. 14	=	P.13					 				va Li
MAP T. 9114	STATION		PASS, 1933		NORTH, 1933	COMSER TOWER	NORTH, MARSH IS.	ζζ ζ Τ	LA CROIX, 1933	_			i -					 COMPUTED BY. E.T. Ogilby

Photogrammetry SCALE FACTOR SCALE OF MAP 1: 20,000 PROJECT NO.Ph-33(48) MAP T-9115

FROM GRID OR PROJECTION LINE | FROM GRID OR PROJECTION LINE | IN METERS M-2388-12 (BACK) FORWARD DATE March 9, 1949 (BACK) N.A. 1927-DATUM 1096.5 (519.6) 276.8 (1570.5) FORWARD DATUM CHECKED BY. R.R. Wagner OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET, (BACK) FORWARD LATITUDE OR y.COORDINATE LONGITUDE OR x.COORDINATE 08.99 40.71 DATE DEC. 30, 1948 30 ヹ 53 റ DATUM N.A. 1927 SOURCE OF INFORMATION (INDEX) G P5 V. 10 Ogilby 1933 1 FT.=.3048006 METER COMPUTED BY. E.T. STATION COVE.

STATION	SOURCE OF INFORMATION (INDEX)		LATITUDE	LATITUDE OR #-COORDINATE LONGITUDE OR *-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN WETERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
KEY, 1933	G Ps V.1 P. 2	N.A. 1927	29 35	35 05.246 44 02.510			161.5 (1685.8) 67.6 (1547.2)	
EAST, 1933	# P • 9	z ,	29 3	34 01.224 42 12.904			37.7 (1809.7)	
	п Р; 240	= ,	29 30 91 38	1 1			532.3 (1315.1) 486.1 (1130.0)	
		•						
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		·						
								M - 2388-12

NO Ph-33(48) SCALE OF MAP 1: 20,000 SCALE FACTOR	TE DISTANCE FROM GRID IN FEET. DATUM FROM ATE OR PROJECTION LINE IN METERS CORRECTION FROM FROM TORMARD (BACK)	19 29 27.23 838.4 (1009.0) 1 45 57.85 1558.4 (57.9)									
PROJECT NO. Ph-33(48)	DATUM LONGITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE										
MAP T. 9117 PR		SOUTH, 1933 P. 10 /9.									

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STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITU	LATITUDE OR U-COORDINATE	} -	DATUM	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN WETERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN WETERS FORWARD (BACK)
STA. 768 \$ 00,29	Deroven	N.A.	8	99.109	uige Te		1204.2 (643.2)	
	ousd No. 108	1927		26 38 091			1022.5 (588.1)	
STA. 680 \$ 01.67			8				1052.4 (795.0)	
(U.S.E.)	No. 124	8		56 17.419			(0,641) 6,784	
STA. 611 \$ 80.98	2	=	53	50 20.052			617.4 (1230,0)	
(U.S.E.)	No. 122		'	57 33.175			890,6 (720,1)	
STA. 534 \$ 27.75	=	5	53	50 02.254			38,6 (1808,8)	
	No. 118		ಕ	58 58,380			1567.3 (43.5)	
STA. 478 \$ 59.22	=	#	59	49 42.055			1294.9 (552.5)	
(U.S.H.)	No. 128	2		59 57.669			1548,3 (62,6)	
STA. 860 4 23.89	=	5	29	50 38,869			1196.8 (650.6)	
(U.S.E.)	No. 112		8	52 53.312			1431.1 (179.5)	
nscs)		#	83	51 19.62			604.1 (1243.3)	
932	No. 18		92	94-64 10	· ·		1327.6 (282.9)	
TT 57L (USGS)	/ 10.	=	62	52 59.08			1819.1 (28.3)	
1932	No. 17		84				1335.2 (274.8)	
AVERY, 1931	ACG NO.	#	53	54 13,918			428.5 (1418.9)	
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		8	54 08.182			29.5 (1390.2)	
	ا ا ا		क्ष	996.67 47			1538.5 (308.9)	
CHAMPLAIN, 1933	20	II.	당	58 51.266			1376.9 (234.5)	;
SUB, STA.	Comb.		82	877			26.4 (1821,0)	
CHAMPLAIN			ಕ	58			1542.4 (69.0)	,
AVERY ISLAND SALF	Gulf Coast	9¢ 11	82	53 40,250			1239.3 (608.1)	
ANTER TANK 1931	P. 86		ಡ	54 34,896		-	936,3 (673,6)	
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33 Comps. N.A. 450, 328.28 328.28 (967.472) 100.1 (2947.9) A. 84.9, 680.54 (319.46) 2990.6 (97.4) S. 680.54 (319.46) 2, 1948 1286	STATION	SOURCE OF INFORMATION (INDEX)		LATITUDE OR V-COORDINATE LONGITUDE OR x-COORDINATE		DATUM	<u> </u>	FRO
Steamberg Aug Sept. 1948 Aug Language H.R. Budolph	SUB STA. AVERY	Comp.	N.A.	450,	328.28 (9671.72)		Ž,	
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Steamberg Sept. 1948 Currence H.R. Buchligh	The state of the s	,						
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STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITU	LATITUDE OR v.COORDINATE LONGITUDE OR x.COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	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)
1100 2. 1931 P	ACC NO 1224 7 254	N.A. 1927	82 65	1,8 23.950 1,8 24.488			737.4 (1110.0)	
USE CHY 193	ACC NO 0 1537 P.15	ŧ	29 1	49 11.503 49 51.844			354,2 (1493,2) 1392,0 (219,0)	
STA. 1076 ≠ 86.17 D N (USE)	Deroven Cueda No. 131	#	23 24	49 22,637			(1*05) 8*096 (1*059) 8*096	
TION METAL STACK, P. 1931.	G.1244 P. 86	£	श्च	46 28.722		-	639,1 (972,7)	
(IA.G.S.) 8	Dergven Oued. No. 56	#	82 8	48 03.120			96,1 (1751,3)	
14,30 7 96,68 0 (U.S.E.)	Deroven Quad. No. 144	=	& d	45 50,750			1562;6 (284,8) 358,1 (1253,9)	
CYPREMORT CHURCH G	Ge1537 P. 11	*	-				912,0 (935,4)	
SHARK. 1933 N	Derouen Quad.	Ė	29	47 09.848 51 38.064			303.2 (1544.2)	
TA. small)1948	Сомръ			48 48			651,0 (1196.4) 875,9 (735,3)	
TANK (large) (TOPO. STA 1948	Compa		8 8	48			634.4 (1213.0)	
, p.	Deroven Qued. No. 143	:	88	45 50.763			1563:0 (284:4)	
1340 + 18.84 V	S. M. C.	8	650	16 06-210 46 50-443		,	1355,1(396.9)	

STATION INFO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							
+ 02.66 0.5.E.)	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	N.A. 1927 - DATUM INSTANCE FROM GRID OR PROJECTION LINE IN WETERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE (N WETERS FORWARD (BACK)
	Derouen Qued. Ho. 139	B.A. 1927	29 46 15.307 91 167 04.31h			425.3、(2295.3)	
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1 FT. = 3048006 METER	Council	111	Во∨. 2. 19№		H. H. Rudolph		Nov. 10,1948'-2388-12

Photogrammetry

STATION		SOURCE OF INFORMATION (INDEX)	DATUM	LATITUD	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	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)
E.	6.5.)	(LA.G.S.) Jeanerette	N.A.	59 4	769.97 67			1432.8 (414.6)	
A=4069,	1936	188-149	1351	8	39 06,009			161.3 (1449.6)	
,		2		29 5	52 12.196	-		375.5 (1471.9)	
A-4042, "	1936	No. 124		e E	39 57.523			1543.5 (66.5)	
				29	50.071			1541.7 (305.7)	
A-4042, "	1936	No. 123	±	ಕ	39 13.869			372.1 (1238.3)	
				88	51 08.707	£qy		268:1 (1579.4)	
	1936	No. 121	=	ಕ	38 44.893			1205.0 (405.5)	
v				& 312	50 52,675			1621.8 (2235.6)	
A-4037, ".	". 1936	No. 119	=	ಕ	39 07.128			191.3 (1419.2)	_
				29 29	50 27.299			840.5 (1006.9)	
A-4036, "	1936	No. 118		3	39 18.036	Carrimonary is a comparable and the comparable of the comparable o	the bath the same of	484.2 (1126.5)	
				7 62	661.96 64	-		(6.48) (24.6)	
A-4034, "	1936	No. 116	8	91 3	39 27.250	-		731.6 (879.3)	
				7 62	\$66.00 67			10.3 (1837.1)	
A-4033, "	1936	No. 115	2	e 5	39 43.665			1172.4 (438.6)	
-		•	1.	7 62	47 10.369			319-3 (1328.1)	
A=4026, "	" 1936	No. 108	=	7 16	95.088			942.4 (669.1)	
A-4024 (IA. G.S.)				7 62	619*80 44		:	266.1 (1581.3)	
,		No. 106	a	77. 76	42 55.165			1481.7 (129.9)	
1550 ¥ 93.48	ø	-		7 62	21.10 94			34.5 (1812.9)	
(USE)	1939	U.S.B.		91 4	42 59-32			1593.6 (18.3)	
(1,0)	ğ	Jeanerette	*					275.7 (1572.7)	
A-4027 44 1936		No. 109	I	17 76	1 05.772			155,0 (1456,6)	
1 FT. = .3048006 M HEF. Lampton	HEF. La	moton	<u> </u>	Varch 18.	אסו שו	e o	D. Wagner	0/01 01 4	M-2388-12

Photogrammetry

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STATION	SOURCE OF	DATUM	LONGIT	UDE OR 'UDE OR	LATITUDE ON y-COORDINALE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS	DATUM	FROM GRID OR PROJECTION LINE	FROM GRID OR PROJECTION LINE (IN METERS
	(INDEX)					FORWARD (BACK)	٠	FORWARD (BACK)	FORWARD (BACK)
O (LA.	Jeangratto	N.A.	र	1,7	26.119			804,2 (1043,2)	
G.S.) 1936	No. 112	1927	R	40	09.878		:	265.3 (1346.2)	
1936			29	147	694:40		i	146.8 (1700.6)	
A-4028(1A.G.S.)	No. 110		76	70	38*844			1043.3 (568.3)	
A-4031 (IA. 0.S.)			53	87	12:186		 	_	
1936	No. 113	c	76	07	04,837	-		129.9 (1481.4)	
A-4040 (IA. G.S.)	-		82	น	27,120			835,0 (1012,4)	
1936	No. 122	•	ನ	38	29,260			785.3 (825.1)	
A-4043 (1A. G.S.)	-		62	52	37.551			1156,2 (691,2)	
	No. 125	c	ಕ	Ģ	46.836			1256.9 (353.3)	
A-4068 (IA. G.S.)			53	67	48,300			1,87,2 (360,2)	
1936	No. 148	*	덦	38	25.957			(0.416) 6.969	
1		•	53	47	09.832				
A-4025	No. 107		91	42	08-463				
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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 Døssett Cartographer (Photo)

Approved and Forwarded

Arthur L. Wardwell, Chief of Party

48. GEOGRAPHIC NAME LIST

All geographic names were taken fromaa 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 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 BEND
- 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

нива, 1948

TIDE COMPUTATION

PROJECT NO. Ph 21 (47). 9018

Time and date of exposure 1502, 13 March 48

Galveston

Subordinate station _____ Blanche, West Cote Blanche Bay

1.0 1,0 Mean range

Ratio of ranges

Date of field inspection

Apr11 1948

Height x Ratio of ranges 0.1

Height

0.6

High tide Low tide

101

4/1/2

High tide Low tide

Time

Range of tide

S

Duration of rise or fall

ime difference + 2 15	High tide at Ref. Sta. 17 45	E: -	Time
	e difference + 2 Ly	h tide at Ref. Sta. 17 42	17 th

	1	Time
		E.
 Ľ	Low tide at Ref. Sta.	75 10
 Ē	Time difference	+2 15
ပိ	Corrected time at	11. 25
S	Subordinate station	•

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Time H. T. or L. T. Required time		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	Feature bares Stage of tide above MLW Feature above MLW			
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DF COMMERCE DEPARTMEN

U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS GRAFANDMAINSAFOR CHARTS

TOXBEXDELETERX TO BE CHARTED

Form 567 April 1945

Parti

STRIKE OUT ONE

June 17,

1946

Morgen City, Louisians

I recommend that the following objects which have (furtazing) been inspected from seaward to determine their value as landmarks be charted on (dalatechelogues the charts indicated.

The positions given have been checked after listing by R. Dogostt

							Charl	Charles W. Clark	ark	Chi	Chief of Party.
STATE	, or present				POSITION			METHOD			
	TOO TO THE WAY		LAT	LATITUDE	LONG	LONGITUDE		LOCATION	DATE	12 3B	CHARTS
CHARTING	DESCRIPTION	SIGNAL	-	D.M.METERS	-	D. P. METERS		SURVEY		HARBO	
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This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating

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PHOTOGRAMMETRIC OFFICE REVIEW

T- 9018

	STATIONS
5. Horizontal control stations of third-order or higher accu	racy6. Recoverable horizontal stations of I
than third-order accuracy (topographic stations)	Axidotoxixixxixiidas——xexamentamentaxxx
9. Plotting of sextant fixes <u>JG</u> 10. Photogrammetric	plot report <u>WAR</u> 11. Detail points <u>JG</u>
ALONGSH	ORE AREAS
(Nautical	Chart Data)
12. Shoreline JC 13X Low Water time xxxxxx14.	Rocks, shoals, etc. <u>JG</u> 15 <u>Y</u> 28 Hdgas X X X X X 16. A
to navigation JG 17. Landmarks JG 18. Other	r alongshore physical features <u>JG</u> 19. Other alon
shore cultural features	
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PHYSICAL	FEATURES
20. Water features <u>JG</u> 21. Natural ground cover	JG X20X KIX AGAGA KANA XXX XXX XXX XXX XXX XXX XXX XXX XXX
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CULTURAL	FFATURES
27. Roads JG 28. Buildings JG 29. Railroad	
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	S So. Other cultural leatures
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BOUNI	DARIES
BOUNI 31. Boundary lines <u>JG</u> 郊区内本体内表情况和	DARIES
BOUNI 31. Boundary lines <u>JG</u> 2000年末日本地区大大文文 MISCELL	DARIES
BOUNI 31. Boundary lines <u>JG</u> 32XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	DARIES ANEOUS 35. Legibility of the manuscript
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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	11	11	1:20,000	1935
T-8903	11	n	1:10,000	1946
T-890L	11	11	1:10,000	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:

Martin Gardk

Approved by

Chief, Review Section

Div. of Photogrammetry

Chief, Nautical Chart Branch Division of Charts

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Chief, Div. Coastal Surveys

Chief, Div. Photogrammetry