

9030

Diag. Cht. No. 1116-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC

Field No. PH - 21(47) Office No. T-9030

LOCALITY

State LOUISIANA

General locality BAYOU TERREBONNE-INTRACOASTAL
WATERWAY

Locality HOUMA AND VICINITY

194 50

CHIEF OF PARTY

C. W. Clark, Chief of Field Party.

A. L. Wardwell, Tampa Photogrammetric Office.

LIBRARY & ARCHIVES

DATE Dec - 6 - 1951

DATA RECORD

T-9030

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

Quadrangle Name (IV): Houma and Vicinity

Field Office (II): Morgan City, La.

Chief of Party: Charles W. Clark

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Ross A. Gilmore

Instructions dated (II) (III): February 12, 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): 2-23-50

Date reported to Nautical Chart Branch (IV): 3-1-50

Applied to Chart No.

Date:

Date registered (IV): 10-25-51

Publication Scale (IV): 1:70,000

Publication date (IV): Sept 1951

Geographic Datum (III): N.A. 1927

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

~~Mean Sea Level~~ except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): ASHLAND, 1934

Lat.: 29° 31' 06.644" (204.6m) Long.: 90° 40' 32.447" (873.8m)

Adjusted

~~Unadjusted~~

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.

DATA RECORD

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

Date: **May, 1948**

Planetable contouring by (II): **Inapplicable**

Date:

Completion Surveys by (II): **C.A. Navin**

Date: **August 1950**

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

March 1948 (Air Photo Compilation)

Projection and Grids ruled by (IV): **W.E.W. (W.O.)**

Date: **March 18, 1948**

Projection and Grids checked by (IV): **W.E.W. (W.O.)**

Date: **March 18, 1948**

Control plotted by (III): **E.T. Ogilby**

Date: **Dec. 22, 1948**

Control checked by (III): **W.W. Dawsey**

Date: **Dec. 23, 1948**

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

Date: **April 18, 1948**

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

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

Date: **June, 1949**

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

Date: **July 1949**

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

Date:

Camera (kind or source) (III): U. S. C & G.S. 9-Lens 8 $\frac{1}{4}$ " focal length

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
21927	Mar. 13, 1948	11:27	1: 20,000	No tide
21928	"	11:28	"	
22015	"	14:36	"	
22016	"	14:37	"	
21320	Dec. 2, 1947	11:00	"	

Tide (III)

Reference Station:

Subordinate Station:

Subordinate Station:

No tide

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

L. Martin Jazik

Date: 12-29-50

Final Drafting by (IV):

Baltimore Office

Date:

Drafting verified for reproduction by (IV):

C. Kupiec *W. Streifler*

Date: 8-9-51

Proof Edit by (IV):

W. Streifler

Date: 9/7/51

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

64

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

None

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

85

Control Leveling - Miles (II):

None

Number of Triangulation Stations searched for (II):

23

Recovered:

19

Identified:

13

Number of BMs searched for (II):

None

Recovered:

None

Identified:

None

Number of Recoverable Photo Stations established (III):

6

Number of Temporary Photo Hydro Stations established (III):

None

Remarks:

Summary to Accompany T-9030

Planimetric survey T-9030 is one of a series of 21 maps at 1:20,000 scale in the Gulf Coast area of Louisiana, each $7\frac{1}{2}$ minutes latitude by $7\frac{1}{2}$ minutes longitude.

The area covered by this project includes Houma 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 furnished some detailed information along both sides of the Waterway area for the planimetric maps of this project.

Adjoining this project to the east are a series of revision sheets at 1:20,000 scale, starting with CS 365, as part of Ph. 1(45). To the west are 17 contemporary topographic quadrangles at 1:20,000 scale of Project Ph. 33(48).

FIELD INSPECTION REPORT

Quadrangles 9028, 9029, 9030

Project Ph-21(47)

6 May 1948

1. DESCRIPTION OF THE AREA

These quadrangles are located in the south, central part of the state of Louisiana and almost entirely within Terrebonne Parish. Only a very small portion of quadrangle 9030 falls within Lafourche Parish.

The quadrangles are $7\frac{1}{2}$ minutes and are bounded on the north by latitude $29^{\circ} 37.5'$, on the south by latitude $29^{\circ} 30'$, on the west by longitude $91^{\circ} 00'$, and on the east by longitude $90^{\circ} 37.5'$. The area contains about 195 square statute miles of land which is principally marsh.

The principal cultural features are the Intracoastal Waterway, which runs across the quadrangles in an east-west direction; and U. S. Highway 90 also crosses the area in an east-west direction. Several bayous are within the area and the principal ones are Bayou Black, which parallels Highway 90 and passes through quadrangles 9028 and 9029; and Bayou Terrebonne, which runs across quadrangle 9030 in a north-south direction. The only incorporated town within the area is Houma. Several other settlements, owned and operated by sugar plantations, are found within the area. They are Sunrise, Mulberry, Woodlawn, Ashland, Presquile, Mandalay, Waterproof, and Humphreys.

The arable area of the quadrangles is devoted chiefly to sugar cane production and numerous plantations, as noted above, are found within these limits. Numerous sugar refineries are located in and around Houma.

Oil exploration and drilling is a continuous operation in this locality. Numerous canals have been dredged to make the area accessible by boat. The Shell Oil Company has a large field in production in the north central part of quadrangle 9028.

2. COMPLETENESS OF FIELD INSPECTION

The field inspection was done in accordance with the

project instructions dated 12 February 1948. It is believed that the field inspection is adequate and complete.

3. INTERPRETATION OF PHOTOGRAPHS

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

4. HORIZONTAL CONTROL

All horizontal control stations within the area were recovered or searched for, as noted below. Part of the area falls within the limits of Project Ph-14(46) and this work was not duplicated.

USC&GS STATIONS COVERED IN 1947 SEASON

Name of Station	Recovered	Identified
FAIR, 1934	Not Found	--
C.A.NORMAN SUGAR CO. OLD STACK, 1934	Lost	--
SOUTHDOWN SUGAR REFINERY TALLEST STACK, 1934	Lost	--
COLE PLANT, TALLEST OF THREE STACKS, 1934	Lost	--
TERREBONNE LUMBER CO. TANK, 1934	Destroyed	--
COURTHOUSE FLAGPOLE, 1934	Lost	--
ABLE, 1934	Lost	--
CANAL, 1934 ✓	x	x

USC&GS STATIONS COVERED IN 1948 SEASON

Name of Station	Recovered	Identified
STANDPIPE, 1934	x	x
HOUMA MERCANTILE CO. WATER TANK, 1934	Destroyed	--
HOUMA DUPONT WHOLESALE CO. WATER TANK, 1934	x	x
BUD, 1934	Lost	--
CHAUVIN, 1934	x	x
SAVOIE, 1934	x	x
MORMON, 1934	x	x
ASHLAND, 1934	x	x
ASHLAND SUGAR MILL WATER TANK, 1934	x	x
MONTÉGUT STACK, 1934	x	--
MONTÉGUT TALLEST STACK, 1934	x	--
MONTÉGUT TANK, 1934	x	x
ELLANDALE LONE METAL STACK, 1933 ✓	x	x
COCKE, 1931 ✓	x	x
ARSENAUX, 1931	x	x
COPASAW, 1934	x	x

USGS STATIONS COVERED IN 1947 SEASON

Name of Station	Recovered	Identified
CLAYTON,	Lost	--
TT 35 F, 1932 ✓	x	x
TT 36 F, 1933 ✓	x	x

USGS STATIONS COVERED IN 1948 SEASON

Name of Station	Recovered	Identified
TT 37 F, 1932 ✓	x	x
TT 38 F, 1932	x	x
TT 20 F, 1932	x	--
TT 31 L, 1932	x	x
TT 41 L, 1932	x	x
TT 42 L, 1932	x	x
TT 47 L, 1932	x	--
TT 48 L, 1932	x	x
TT 50 L, 1932	Lost	--
TT 51 L, 1932	Lost	--
TT 52 L, 1932	x	--

The horizontal control was originally identified on the old set of photographs and at a later date was transferred to a better and more recent set of photographs.

5. VERTICAL CONTROL

(not applicable)

6. CONTOURS AND DRAINAGE

(not applicable)

7. WHARVES AND SHORELINE STRUCTURES

The only wharves and shoreline structures worthy of note in these quadrangles are along the bayous and Intracoastal Waterway, principally in Houma; however, these coincide with the shoreline of the waterway and are of minor importance.

8. MEAN HIGH WATER LINE

The only high water line within the area covered by these quadrangles is along the Intracoastal Waterway and the bayous. This is distinguishable on the photographs.

9. LOW WATER LINE

(not applicable to these quadrangles)

10. DETAIL OFFSHORE FROM THE HIGH WATER LINE

(not applicable to these quadrangles)

11. LANDMARKS AND AIDS TO NAVIGATION

Landmarks were investigated throughout the area. No landmarks were outstanding, but those worthy of note are listed on attached Form 567 and were identified on the photographs.

The only aids to navigation within the area, are along the Intracoastal Waterway. These aids were located during the field work on Project Ph-14(46), and only a visual inspection was made on ozalid prints of the area affected, (see T-8891). Fixed aids to be charted are listed on the attached Forms 567. The position for each was determined during compilation of Project Ph-14(46).

12. HYDROGRAPHIC CONTROL

(not applicable to these quadrangles)

13. LANDING FIELDS AND AERONAUTICAL AIDS

One landing field falls within the area. It is the Houma-Terrebonne Airport. The field was formerly operated by the U.S. Navy, but as of 20 February 1948, the field was turned over to the city of Houma. No commercial flights are scheduled as yet, but they are contemplated for the near future. One aeronautical aid falls within the area. It is the beacon at the above mentioned airport and is identified on photograph 21323. The beacon was not in operation at the time of this survey.

14. ROAD AND WOODLAND CLASSIFICATION

All roads and woods have been classified and indicated on the photographs in accordance with instructions for this project.

15. BRIDGES

See I. 700 (48)

All bridges within the area were field inspected. Bridges over navigable waters were measured with a steel tape, clearances noted on the photographs, and all discrepancies reported to the District Engineer, U.S. Corps of Engineers, New Orleans, Louisiana. The only exceptions are those bridges at which measurements and discrepancies verified the discrepancies reported during the field work on Project Ph-1(45).

The following list constitutes all of the discrepancies with the "List of Bridges over the Navigable Waters of the United States" dated 1 July 1941, which were not previously reported during the field work on Ph-1(45):

Bridge Name and Locality	Bridge Book Page	Shown on Chart No.	BRIDGE INFORMATION			Remarks:
			Located on	Lat. Long.	Checked in Field	
<i>card made</i> Bayou Terrebonne Presquile, La. Ivy.	464	not shown on 1050	photo 21324	29°33.8' 90°38.7'	W.M.R. Feb. 1948	Vert. Cl. open 50' instead of 51.5'; Vert. Cl. closed 8.5' instead of 6.8' (MMW est.); Hor. Cl. correct
<i>card made</i> Bayou Petit Caillon Presquile, La. Ivy.	368	not shown on 1050	photo 21324	29°35.7' 90°38.8'	W.M.R. Feb. 1948	Vert. Cl. open 50' instead of 51.5'; Vert. Cl. closed 8.5' instead of 6.8' (MMW est.); Hor. Cl. correct
<i>card made</i> Bayou Terrebonne Houma, La. (Daigleville) Ivy.	464	not shown on 1050	photo 21324	29°36.0' 90°42.2'	W.M.R. Feb. 1948	Vert. Cl. closed 8.5' instead of 9.9' (MMW est.); Hor. Cl. correct
<i>card made</i> Bayou Terrebonne Houma, La. (Barrow St.) Ivy.	464	not shown on 1050	photo 21324	29°35.8' 90°43.1'	W.M.R. Feb. 1948	Vert. Cl. closed 6.0' instead of 7.7' (MMW est.); Hor. Cl. 39.0' instead of 31.0'
<i>card made</i> Bayou Terrebonne Houma, La. (Church St.) Ivy.	464	not shown on 1050	photo 21324	29°35.9' 90°43.3'	W.M.R. Feb. 1948	Hor. Cl. 42.0' instead of 41.0'; Vert. Cl. correct 3.6
<i>card made</i> Bayou Terrebonne Houma, La. (Lafayette St.) Ivy.	464	not shown on 1050	photo 21324	29°36.0' 90°43.4'	W.M.R. Feb. 1948	Hor. Cl. 45.0' instead of 41.2'; Vert. Cl. correct 3.6
<i>card made</i> Bayou la Carpe South of Houma, La. Ivy.	not listed	not shown on 1050	photo 21324	29°34.2' 90°42.5'	W.M.R. Feb. 1948	Hor. Cl. 1.40.0'; Vert. Cl. closed 10' (MMW est.); wood swing bridge
Little Bayou Black Houma, La. (Southdown Factory) Ivy.	252	not shown on 1050	photo 21325	29°35.0' 90°43.4'	W.M.R. Feb. 1948	Hor. Cl. 40.5' instead of 58.0'; Vert. Cl. closed 9.5' instead of 8.7' (MMW est.);
Bayou Terrebonne Houma, La. Ivy.	464	not shown on 1050	photo 21325	29°37.3' 90°44.8'	W.M.R. Feb. 1948	Hor. Cl. 34.2' instead of 31.4'; Vert. Cl. correct

Let I. 100 (48) 10-21-53
7-20-50 shows 7 ft v.c. 2' (including 1 ft) in bridge bank
MMW

Bridge Name and Location	Bridge Book Page	Shown on Chart No.	BRIDGE INFORMATION			Checked in Field	Remarks:
			Located on	Lat.	Long.		
<u>BLACK BAYOU</u>							
Houma, La. Landsley Plantation Hwy.	40	not shown on 1050	photo 21325	29°34.0'	C.H.B. Feb. 1948	Hor. Cl. 36.5' instead of 38', Vert. Cl. 8.5' instead of 6.6' (MHW est.)	
Houma, La. Waterproof Plantation Hwy.	40	not shown on 1050	photo 21326	29°33.8'	C.H.B. Feb. 1948	Hor. Cl. correct, Vert. Cl. 5.0' instead of 6.1' (MHW est.)	
Houma, La. Waterproof Plantation Hwy.	40	not shown on 1050	photo 21326	29°33.6'	C.H.B. Feb. 1948	This bridge has been removed. ✓	
Humphreys, La. Hwy.	40	not shown on 1050	photo 21326	29°34.6'	C.H.B. Feb. 1948	Hor. Cl. correct, Vert. Cl. 8.5' instead of 7.7' (MHW est.)	
Humphreys, La. Hwy.	40	not shown on 1050	photo 21327	29°36.6'	C.H.B. Feb. 1948	Hor. Cl. 36' instead of 37', Vert. Cl. 7.0' instead of 2.7' (MHW est.)	
Humphreys, La. Greenwood Plantation Hwy.	40	not shown on 1050	photo 21327	29°37.4'	C.H.B. Feb. 1948	Hor. Cl. 40.0' instead of 36.5', Vert. Cl. 2.5' instead of -0.3' (MHW est.)	

16. BUILDINGS AND STRUCTURES

All buildings to be shown have been encircled on the photographs except for urban areas. The public buildings in urban areas have been designated on the photographs.

17. BOUNDARY LINES AND MONUMENTS

The entire area, with the exception of a very small portion in the northeast corner of quadrangle 9030, is in Terrebonne Parish. The northeast corner of quadrangle 9030 is in Lafourche Parish. The parish boundary is not monumented. The legal description of the boundary will be the subject of a special report and that part of the boundary which passes through the area has been drawn in on photo 21323, (see Item No. 20 of this report).

18. GEOGRAPHIC NAMES

Geographic names for the area were the subject of a special report in connection with the field work of Project Ph-14(46).

19. PREVIOUS SURVEYS; PROJECT Ph-14(46)

In accordance with the project instructions, the ozalids for sheets Nos. T-8889, T-8890, T-8891, and a small part of T-8892 which is within these quadrangles, were field inspected. The discrepancies were noted on the ozalids and proper references were made for correction.

20. CITY LIMITS OF HOUMA

An investigation of the city limits of Houma was made. The legal description and a layout showing the city limits as they exist will be submitted. The boundary was not monumented at the time it was surveyed and no points along the line could be recovered.

No legal description of the Houma-Terrebonne Airport was available. The airport manager verified the limits as following the fence around the reservation, but that there are no marked points. These limits are shown on photo 21324

Respectfully submitted

William M. Reynolds
William M. Reynolds
Eng. Aid
Wm

Approved and forwarded

Charles W. Clark
Charles W. Clark, Lieut., USC&GS
Chief of Party

Tampa Photogrammetric Office
Box 1689, Tampa, Fla.

June 23, 1949

To: The Director
U. S. Coast and Geodetic Survey
Washington, D.C.

Subject: Nautical Chart 879

I am just in receipt of a requested copy of nautical chart 879 of the new Intracoastal Waterway series and it is noted that the aeronautical aid (AERO) at latitude $29^{\circ} 34.9'$ and longitude $90^{\circ} 40.3'$, should be deleted according to the enclosed copy of letter received with the field data from Project Ph-21(47) now in the process of compilation at this office. Mr. Duffy, who was engaged on field work on this project and is not in this office, says that the building on which this light was located has been razed.

It is also noted that the two landmarks indicated on the enclosed form 567 apply to chart 879. The positions of these landmarks have been obtained from T-9030, Ph-21(47) now being compiled.

RAG/c

Ross A. Gilmore
Lieut. Comdr. USC&GS
Officer in Charge
Tampa Photogrammetric Office

MAP T 9030

PROJECT NO Ph-21(17)

SCALE OF MAP 1: 20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS	DATUM CORRECTION	N.A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
						FORWARD	(BACK)	
HOUMA DUPONT WHOLESALE SALE CO.	G2808	N.A.	29 35 49.623			1527.8	(319.5)	
W.T. FINIAL 1934	P. 167	1927	90 43 36.627			985.6	(629.0)	
ASHLAND 1934	G2386	"	29 31 06.644			204.6	(1642.7)	
North of T-9030	G2808	"	90 40 32.447			873.8	(742.0)	
SAVOIE 1934	P. 58	"	29 38 45.932			1414.2	(433.2)	
ASHLAND SUGAR MILL	G2808	"	90 41 18.401			494.9	(1118.9)	
CENTER OF FLAT TOP	G2808	"	29 31 53.119			1635.5	(211.8)	
WATER TANK, 1934	P. 171	"	90 40 24.147			650.2	(965.4)	
STANDPIPE 1934	G2808	"	29 35 38.527			1186.2	(661.2)	
Lost - Field Edit T-9030	G2808	"	90 43 15.920			428.4	(1186.2)	
HOUMA, 1934	P. 58	"	29 35 49.645			1528.5	(318.8)	
BUD, 1934	G2808	"	90 43 48.726			1311.2	(303.4)	
HOUMA, 1934	P. 172	"	29 35 38.954			1199.3	(648.0)	
HOUMA, 1934	P. 32	"	90 38 59.309			1596.1	(18.6)	
HOUMA, 1934	HOUMA	"	29 36 48.974			1507.9	(-339.5)	
HOUMA, 1934	P. 32	"	90 41 49.863			1341.6	(-272.7)	
TT 43L, 1932	P. 62	"	29 33 54.98			1692.8	(154.6)	
Destroyed - Field Edit T-9030	HOUMA	"	90 38 44.68			1202.7	(412.4)	
TT 47L, 1934	P. 66	"	29 31 06.612			203.6	(1643.8)	
N.E. of T-9030	HOUMA	"	90 40 32.105			864.6	(751.2)	
TT 31 L 1932	P. 59	"	357,359.412	7,359.412 (2640.588)				
FAIR RMI, 1934	Comp.	"	2,253,054.329	3,054.329 (6,945.671)				
		"	29 36 49.563			1526	(321)	
		"	90 41 49.365			1328	(246)	

1 FT. = 3048006 METER

COMPUTED BY J. Council

DATE November 5, 1948

CHECKED BY H.R. Rudolph

DATE November 15, 1948

M-2388-12

SCALE FACTOR

1 FT. = .3048006 METER
COMPUTED BY: R.R. Wagner
DATE March 27, 1949
CHECKED BY: R.J. Pate
DATE March 27, 1949
M. 2388-12

COMPILATION REPORT T-9030

The Photogrammetric Plot Report was submitted to the Washington Office May 5, 1949 and is included in Descriptive Report T-9033.

31. DELINEATION

The graphic method of compilation was used in the delineation. Photographs were clear and of fairly good scale. The two flights of photographs were not close enough together to pick common detail points on each; therefore, detail points falling between photo centers of each flight line were difficult to locate accurately because of flat radial cuts. It is felt, however, that the detail is located accurately because photographs with the best scale in these areas were selected for delineation.

Field inspection was adequate for the most part.

All questionable areas have been noted on the discrepancy overlay.

32. CONTROL

Only in areas of insufficient overlap of photographs (mentioned in Item 31) is the control at all questionable. Otherwise the control was positively identified and so placed that the detail could be accurately delineated.

33. SUPPLEMENTAL DATA

Film positive of Shoreline Manuscript No. T-8889, Ph-14(46) was referred to and used for comparison, but no detail was traced due to discrepancies between the radial plot for the Ph-14 and the radial plot for Ph-21(47) (refer to Radial Plot Report).

Film positive of sheet 5 of 5, Project CS-365 was used more for comparison than anything. The geographic position of the details were not of sufficient accuracy for tracing.

34. CONTOURS AND DRAINAGE

Contours are inapplicable

Drainage has been shown according to photo interpretation of the compiler.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate for the delineation of these features.

36. OFFSHORE DETAILS

No offshore details were recovered by the Field inspector. Dolphins and pilings in two areas are shown on sheet 5 of 5, CS-365 and were discernable on the photographs. These have been shown and referred to the field editor for clarification.

37. LANDMARKS AND AIDS

No difficulty was encountered in plotting the (five) landmarks.

One aeronautical aid has been recommended for deletion.

There are no non-floating aids.

38. CONTROL FOR FUTURE SURVEYS

Six Recoverable Topographic Stations were radially located and Form 524 is being submitted along with this report. Five of these are landmarks and are listed in Item 49.

39. JUNCTIONS

This quadrangle is joined on the west by quadrangle T-9029. They are in good agreement. All other sides are project limits.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement.

41. BOUNDARIES

The city limits of HOUMA has been shown according to City Ordinance No. 1257 and a city map of HOUMA. Numerous additions could not be applied due to the descriptions being referenced to private property lines and corners (City Ordinance No. 107, etc.). This has been called to the attention of the field editor on the discrepancy overlay.

Other boundaries have been shown according to field inspection notes.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S quadrangle, HOUMA, La., 1944 edition, scale 1: 62,500. There was good agreement except for swamp areas. The field inspector noted trees in all the areas shown as marsh on the U.S.G.S. quadrangle. The compiler interpreted the area to be swamp composed chiefly of cypress trees. Several new canals and ditches have been dug. They fall mainly in the southeast corner of the quadrangle.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart No. 879 scale 1: 40,000 published in March 1949, bearing a print date of March 21, 1949. The same differences are to be found between the nautical chart and the map manuscript as were mentioned in item No. 46.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY


None.

ITEMS TO BE CARRIED FORWARD

None.

Approved and Forwarded:


Arthur L. Wardwell,
Chief of Party


Richard A. Reece
Cartographic Survey Aid

48. GEOGRAPHIC NAME LIST

All geographic names were taken from a field copy of a special report on Geographic Names - Houma to Vermillion Bay, Louisiana. This report was prepared at the time the field work for Project Ph 214(46) was being done and is subject to change by the Geographic Name Section of the Washington Office.

ARGYLE	PRESQUILE
ASHLAND PLANTATION	RANCH PLANTATION
ASHLAND CANAL	ROBERTA GROVE PLANTATION
BAYOU BLACK	SOUTHDOWN
BAYOU BLUE	SOUTHERN PACIFIC RAILROAD
BAYOU CHAUVIN	STATE NO. 69
BAYOU du LARGE	STATE NO. 79
BAYOU GRAND CAILLOU	STATE NO. 80
BAYOU LA CARPE	STATE NO. 141
BAYOU LITTLE COTEAU	STATE NO. 247
BAYOU PETIT CAILLOU	STATE NO. 964
BAYOU TERREBONE	STATE NO. 1983
BONVILLAIN CANAL	ST FRANCIS CHURCH (landmark)
BOUDREAU CANAL	ST MARGARETS CHAPEL
CROZIER	SUNRISE PLANTATION
HOUMA	TERREBONNE PARISH
HOUMA - TERREBONNE AIRPORT	U S NO. 90
INTRACOASTAL WATERWAY	WOODLAWN PLANTATION
LAFOURCHE PARISH	WOODLAWN BAYOU
LITTLE BAYOU BLACK	
LOUIS CANAL	
MECHANICVILLE	
MULBERRY PLANTATION	
MYRTLE GROVE	

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.

- | | |
|--|---------------------------------------|
| • <u>ARGYLE</u> | • <u>MECHANICVILLE</u> |
| • <u>ASHLAND</u> | • <u>MULBERRY</u> |
| • <u>ASHLAND CANAL</u> | • <u>MYRTLE GROVE</u> |
| • <u>BAYOU BLACK</u> | • <u>PRESQUITE</u> |
| • <u>BAYOU BLUE</u> | • <u>Ranch Plantation</u> |
| • <u>BAYOU CHAUVIN</u> | • <u>ROBERTA GROVE PLANTATION</u> |
| • <u>BAYOU DU LARGE</u> <i>ok du and D?</i> | • <u>SOUTHDOWN</u> |
| • <u>BAYOU GRAND CAILLOU</u> | • <u>SOUTHERN PACIFIC RAILROAD</u> |
| • <u>BAYOU LA CARPE</u> <i>(in caps: lower - la Carpe)</i> | • <u>STATE NO. 69</u> |
| • <u>BAYOU LITTLE COTEAU</u> | • <u>STATE NO. 79</u> |
| • <u>BAYOU PETIT CAILLOU</u> | • <u>STATE NO. 80</u> |
| • <u>BAYOU TERREBONNE</u> | • <u>STATE NO. 141</u> |
| • <u>BONVILLAIN CANAL</u> | • <u>STATE NO. 247</u> |
| • <u>BOUDREAUX CANAL</u> | • <u>STATE NO. 964</u> |
| • <u>CROZIER</u> | • <u>STATE NO. 1983</u> |
| • <u>Houma Country Club Golf Course</u> | • <u>ST FRANCIS CHURCH</u> (landmark) |
| • <u>HOUMA</u> | • <u>SUNRISE</u> |
| • <u>HOUMA + TERREBONNE AIRPORT</u> | • <u>TERREBONNE PARISH</u> |
| • <u>Howard School</u> | • <u>U S NO. 90</u> (La. 2) |
| • <u>INTRACOASTAL WATERWAY</u> | • <u>WOODLAWN</u> |
| • <u>LA FOURCHE PARISH</u> | • <u>WOODLAWN BAYOU</u> |
| • <u>LITTLE BAYOU BLACK</u> | |
| • <u>ST. LOUIS CANAL</u> (two applications) | |
| • <u>Louisiana</u> | |

• Names approved

6-2-50

a.j.w.

11-21-50 /s/ L. Heck

PHOTOGRAMMETRIC OFFICE REVIEW

T-9030

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

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) RRW 7. ~~Photographic stations~~ 8. ~~Section marks~~ 9. ~~Photographic stations~~ 10. Photogrammetric plot report RRW 11. Detail points RRW

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline RRW 13. ~~Low water line~~ 14. ~~Rocky shoals~~ 15. Bridges RRW 16. ~~Ants~~ ~~seaweed~~ 17. Landmarks RRW 18. Other alongshore physical features RRW 19. Other along-shore cultural features RRW

PHYSICAL FEATURES

20. Water features RRW 21. Natural ground cover RRW 22. ~~Man-made structures~~ 23. ~~Shoreline~~ ~~measurement contours~~ 24. ~~Contours in general~~ 25. ~~Topographic~~ 26. ~~Other physical features~~

CULTURAL FEATURES

27. Roads RRW 28. Buildings RRW 29. Railroads RRW 30. ~~Other cultural features~~

BOUNDARIES

31. Boundary lines RRW 32. ~~Boundaries~~

MISCELLANEOUS

33. Geographic names RRW 34. Junctions RRW 35. Legibility of the manuscript RRW 36. Discrepancy overlay RRW 37. Descriptive Report RRW 38. Field inspection photographs RRW 39. Forms RRW 40. Robert E. Wagner Jesse H. Giles
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.

Richard A. Beece
CompilerWilliam A. Pasare
Supervisor

43. Remarks:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

**TO BE CHARTED
TO BE DELETED**

STRIKE OUT ONE

I recommend that the following objects which have ~~(been removed)~~ 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. A. Rogers

Charles W. Clark *Chief of Party.*

Chief of Party.

STATE	LOUISIANA	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE		LONGITUDE		DATUM						
					° ' "	D. M. METERS	° ' "	D. P. METERS							
TANK	elevated, steel, 135 feet high	142 ft. above M.H.W.	29 34	1412	90 43	391	M.A. 1927	Photo Comp.	1948	X		1050	879 ✓		
TANK	elevated, steel, 135 feet high	145 ft. above M.H.W.	29 36	380	90 43	58	"	"	"	X		"	✓		
SPIRE	Catholic Church Spire, 115 feet high above M.H.W.	125 ft. above M.H.W.	29 35	1264	90 43	593	"	"	"	X		"	✓		
RADIO TOWER	Texas Co., FM Station skeleton steel, 505 ft. high	195 ft. above M.H.W.	29 35	997	90 42	803	"	"	"	X		"	✓		
RADIO MAST	Radio Station KUIL skeleton steel, 155 ft. high	163 ft. above M.H.W.	29 34	765	90 43	1006	"	"	"	X		"	✓		
* Ink notations by Field Edit, August 1950.															

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

"PHOTOGRAMMETRY REVIEW SECTION"

NONCOATING AND STORAGE MARKS FOR CHARTS

TO VEHICLES STOPPED
STRIKE OUT ONE

AERONAUTICAL AID

Tampa, FL:

June 23, 1949

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be ~~transmitted~~ *(deleted from)* the charts indicated.

The positions given have been checked after listing by

Richard A. Reed

Tamil Photogrametric Office

Arthur L. Wardwell

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by

FIELD EDIT REPORT
QUADRANGLE T-9030

51. METHODS

All features of the manuscript were checked, using visual methods where possible and planetable methods of location where unable to plot from photo-detail. All corrections, additions, and deletions have been shown on the field edit sheet or when shown on the photographs have been cross-referenced on the field edit sheet. A description of the colored inks used during field edit has been shown on both the photographs and the field edit sheet. The field edit data has been shown on one (1) field edit sheet, one (1) discrepancy sheet, and two (2) nine-lens, 1:20,000 scale photographs, Nos. 22000 and 22015.

52. ADEQUACY OF COMPILATION

The compilation appears adequate considering the extent of interior field inspection. Little attention was paid to shoreline detail or structures during the interior inspection.

53. MAP ACCURACY

The map accuracy appears good according to the few check measurements during field edit and from visual inspection.

54. RECOMMENDATIONS

None

55. EXAMINATION OF THE PROOF COPY

The proof copy may be submitted to Mr. T. Baker Smith, surveyor, of Houma, Louisiana.

It is recommended that the geographic names "Ashland", "Woodlawn", "Sunrise", and "Mulberry" have the word "Plantation" added. This is according to local usage and the Houma Post Office. The name "Ranch Plantation" should be added at 29°33'0"/90°38'0". References for these changes in geographic names are numbered on the field edit sheet and are as follows:

1. Mrs. Irvin Leonard; school teacher; c/o Ashland Plantation, Houma, Louisiana.
2. Mr. A. W. Adams; foreman; c/o Ashland Plantation, Houma, Louisiana.
3. Mr. R. J. Donaldson; manager; c/o Ashland Plantation, Houma, Louisiana.
4. Mr. Alfred Ledet; foreman; Delarge Route, Houma, Louisiana.
5. Mr. T. Baker Smith; surveyor; Houma, Louisiana.
6. Mr. Sterline Ostheimer; surveyor; Houma, Louisiana.
7. Mr. P. G. Bourgeois; sheriff; Houma, Louisiana.

854-24
12-21-50

56. HORIZONTAL CONTROL

Recovery notes, form 526, are submitted on stations ASHLAND 1934, BUD 1934, FAIR 1934, and TT 47 L(USGS) 1932.

57. LANDMARKS AND AIDS

Refer to items 11 and 37, Field Inspection and Compilation Reports.

Form 567 submitted with the field inspection report was checked and found correct with the exception that "Texas Co. Radio Tower" should be shown as 185 ft. above the ground instead of 300 ft. above the ground.

58. BOUNDARIES

Refer to items 17, 20, and 41, Field Inspection and Compilation Reports.

An investigation was made of the Houma city limit and corrections shown on the field edit sheet. This final layout of the limit was verified as correct by Mr. Leon Gary, Mayor of Houma. A recent copy of the Houma City Limit Map is included herewith.

59. OIL WELLS AND PIPELINES

An investigation of the oil wells in the vicinity was made. There are no producing oil wells; however, the gas wells indicated on the field edit sheet are used to process oil from the natural gas. The wells and the majority of the pipelines have been indicated.

Submitted
28 August 1950

Cecil A. Navin
Cecil A. Navin
Topographic Engineer

Approved

George E. Morris, Jr.
George E. Morris, Jr.
Chief of Party

64

REVIEW REPORT
Planimetric Map T-9030
December 29, 1950

62. Comparison with Registered Topographic Surveys

T-8889	1:10,000	1946
CS 365 (sheet 5 of 5)	1:20,000	

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

63. Comparison with Maps of Other Agencies

Houma, La., quadrangle, U.S.G.S., 1:62,500 1944

64. Comparison with Contemporary Hydrographic Surveys:

None

65. Comparison with Nautical Charts

879	1:40,000	March 1949
1050	1:175,000	April 1950
1116	1:458,596	June 1950

Bridge and cable clearances in the Houma area on ~~Incorrect~~ Chart 879 are superseded by those furnished by T-9030. *See*

The Houma Airport aero-beacon on Chart 879 was destroyed June 1949.

L. 700 (48)

*MLA
10-21-53*

66. Adequacy of Manuscript

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

Reviewed by:

L. Martin Gazik
L. Martin Gazik

Approved:

S. V. Griffith
Chief, Review Section *HRB*
Div. of Photogrammetry *11/13/51*

J. B. Johnston
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Div. of Photogrammetry
11/13/51

W. M. Acaife
Chief, Div. of Coastal Surveys

T. 9030



Record of Application to Charts

[illegible]

M.2168-1

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