

8905

E&W

Diag'd on Diag. Ch. No. - 116-2

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline
Project NO. PH-14(46)
Field No. Office No. T-8905

LOCALITY

State Louisiana
General locality Gulf Intracoastal Waterway
Locality Cypremort

1948

CHIEF OF PARTY
Ross A. Gilmore, Chief of Field Party
Thos. B. Reed, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE February 16, 1949

B-1870-1 (11)

8905

DATA RECORD

T-8905

Quadrangle (II):

Project No. (II): Ph-14(46)

Field Office:
Morgan City, LouisianaChief of Party:
R.A. GilmoreCompilation Office:
Baltimore, Md.Chief of Party:
Thos. B. ReedInstructions dated (II III):
Ph-14(46)Field(no date)Copy filed in Descriptive
Report No. T- (VI)*Office Files, Div of
Phyq*Completed survey received in office: *8/2/48*Reported to Nautical Chart Section: *8/13/48*Reviewed: *12/30/48*Applied to chart No. *882*Date: *Nov 1948*

Redrafting Completed:

*June 30, 1950*Registered: *1/19/49*

Published:

Compilation Scale: 1:10,000

Published Scale:

Scale Factor (III): 1.000

Geographic Datum (III): N.A. 1927

Datum Plane (III):

Reference Station (III): CYPRE MORT CHURCH, 1933

Lat.: 29° 46' 29.62" (912.0m)

Long.: 91° 46' 14.50" (389.5m.0)

Adjusted

~~Unadjusted~~State Plane Coordinates (VI): *South Zone*X = *1,861,246*Y = *403,265*

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
18556 *	11-23-46	1358	1:10,000	-0.1' MLW
18557 *	11-23-46	1359	1:10,000	-0.1' MLW
18558 *	11-23-46	1400	1:10,000	-0.1' MLW

* Field and office photograph

Tide from (III): Predicted Tide Tables, Atlantic Ocean, 1946, Reference Station, Galveston, Texas, with corrections to Cote Blanche, West Coast, Blanche Bay.

Mean Range: 10' ~~Spring Range:~~ Diurnal 1.4'

Camera: (Kind or source)
U.S.C. & G.S. Nine Lens Camera, 8 1/2" focal length

Field Inspection by: John S. Howell, Irving Zirpel date: June & July, 1947

Field Edit by: date:

Date of Mean High-Water Line Location (III):
Same as date of photographs supplemented by field inspection.

Projection and Grids ruled by (III) W.E.W. date: 3/31/48

" " " checked by: W.E.W. date: 3/31/48

Control plotted by: F.A.P. date: 4/5/48

Control checked by: Washington Office date: unknown

Radial Plot by: Roscoe J. French date: 6/8/48

Detailed by: John C. Richter date: 6/23/48 7/4/48

Reviewed in compilation office by: R. Glaser date: 7/15/48 to 7/16/48

Elevations on Field Edit Sheet checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 17

Shoreline (More than 200 meters to opposite shore): 6.6. statute miles

Shoreline (Less than 200 meters to opposite shore): 14 statute miles

Number of Recoverable Topographic Stations established: none

Number of ^{photo hydro} ~~Temporary Hydrographic~~ Stations located by radial
plot: none

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered
by, (II) Field Party, (III) Compilation Party, or, (VI) the
Washington Office.

When entering names of personnel on this record give the
surname and initials (not initials only).

Remarks:

MAP T-8905 PROJECT NO. PH-1A(46) SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		Tolerance	N.A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
A-4024 (La. G.S. 1936)	Jeanerette 106	N.A. 1927	29 47 08.643 91 42 55.165			Held	266.1 1481.7	1581.3 129.9		
1550 + 93.48 (USE) 1939	U.S.E.	"	29 46 01.12 91 42 59.32			Held	34.5 1593.6	1812.9 18.3		
1430 + 86.68 (U.S.E.)	Derouen 144	"	29 45 50.750 91 45 13.329			Held	1562.6 358.1	284.8 1253.9		
1933 Cypremort Church	G-1537 11	La Coast "	29 46 29.62 91 46 14.50			Held	912.0 389.5	935.4 1222.3	No card	
CYPREMORT PLANTA- TION METAL STACK, 1931 86	G-1244 86	Vol I "	29 46 28.722 91 46 23.792			Held	884.4 639.1	963.0 972.7	No card	
A-4013 (La.G.S.) 1936	Derouen 56	"	29 48 03.120 91 47 31.614			Held	96.1 849.0	1751.3 762.3		
Sub. Sta. A-4024 La. G.S. 1936						Held	Plotted by Washington Office		By Protractor No card	

1 FT. = 3048006 METER
 COMPUTED BY: G.B. Willey
 DATE: 3-29-48
 CHECKED BY: R.J. French
 DATE: 5/48
 M-2388-12

FIELD REPORT

SHORELINE MANUSCRIPT, SURVEY NO. T-8905

For data covering Survey No. T-8905, refer to the special field report , L. 533, Houma, La. to Vermilion Bay, 1947, filed in the Nautical Chart Branch.

COMPILATION REPORT

SHORELINE MANUSCRIPT

----- SURVEY NO. T-8905

This manuscript is one of a series of shoreline surveys in Project No. PH-14(46), located along the Intracoastal Waterway and covering a narrow strip of land from Houma, Louisiana to Corpus Christi Bay, Texas. This project was undertaken to furnish the necessary data to prepare a new series of Inland Waterway Charts at 1:40,000 scale.

Compilation instructions were not prepared.

26. CONTROL

This manuscript was received from the Washington Office with the control plotted thereon. A list of these stations is included in this report on Form No. M-2388-12. Two USC&GS triangulation stations not shown on the manuscript appear on the War Dept. Corps of Engineers Louisiana Bayou Sale quadrangle, edition of 1937. The stations are COTE BLANCHE 3, 1931, and BLUFF, 1933. BLUFF is shown as lost on index chart No. 1051, but no information available for COTE BLANCHE 3, 1931. 1913.

27. RADIAL PLOT

The radial plot for the area of this manuscript was made in the Washington Office.

Refer to the Radial Plot report covering Surveys No. T-8903 to T-8909 inclusive, by Roscoe J. French, dated 8 June 1948.

28. DELINEATION

In order to delineate West Cote Blanche Bay a strip of acetate covering one minute of latitude was joined to the south edge of the manuscript.

Limits of areas of swamp, marsh, high ground and the interpretation of other inland features were determined by stereoscopic examination of the photographs.

The field inspection of shoreline and offshore features was adequate for the area of the survey.

Some difficulty was encountered in respect to placement of detail due to the weakness of the radial plot (see radial plot report) and inadequate photograph coverage in the area of Horse Bayou, but the result is considered to be within accuracy requirements.

The boundary of St. Helen Cemetery was not determined by field inspection and was not shown on the manuscript.

28. DELINEATION (Continued)

Field inspection data indicate La. State Highway No. 908 to the east of Cypremort. This information is in disagreement with the official map of Louisiana (1934) and War Department Corps of Engineers' quadrangles Jeanerette, edition 1937 and Derouen edition 1938. It is believed that this section of road is part of Louisiana State Highway No. 59. *Verified by Geographic Names Section.* ✓

Several published surveys covering the area of this manuscript disagree on the character and existence of parts of Bayou Cypremort. Since there was no field inspection of this feature and because of thick overhanging foliage, no exact interpretation was possible, and the bayou has been shown as probable drainage unsurveyed. ✓

30. MEAN HIGH WATER LINE

The mean tide range in the area covered by this manuscript is about one foot thereby making the MHWL and MLWL for all practical purposes one and the same.

The shoreline was delineated after careful stereoscopic examination.

31. MEAN LOW WATER LINE

See MEAN HIGH WATER LINE

32. DETAILS OFFSHORE FROM THE MEAN HIGH WATER LINE

Delineated in accordance with the field identification.

33. WHARVES AND SHORELINE STRUCTURES

Delineated in accordance with field identification.

The existence of a structure in Bayou Cypremort to the SW of Cypremort should be verified and its character identified.

34. LANDMARKS AND AIDS TO NAVIGATION

Three (3) nonfloating aids were radially plotted on this manuscript from field identification.

The field identification of Ivanhoe Canal Entrance Light No. 2 does not agree with the Coast Guard Light List, which shows it as Ivanhoe Canal Day Beacon No. 2.

35. HYDROGRAPHIC CONTROL

None

36. LANDING FIELDS AND AERONAUTICAL AIDS

None.

38. GEOGRAPHIC NAMES Q14 ✓

Geographic names were taken from the Final Names Sheet dated 7 April 1948, submitted by the Washington Office. (Also see note on list of Geographic Names attached to this report).

39. JUNCTIONS

Junction has been made with Survey No. T-8904 to the east and Survey No. T-8906 to the west and found to be in good agreement.

Project limits are to the north and south.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Survey No. T-8905 has been compared in detail with the War Department Corps of Engineers, Louisiana, Jeanerette Quadrangle, edition of 1937, and War Department Corps of Engineers, Louisiana, Derouen Quadrangle, edition of 1938, and found them to be in good agreement except for a private canal on north side of Intracoastal Waterway approximately 1 mile northwest of Cypremort which does not appear on the quadrangles.

45. COMPARISON WITH NAUTICAL CHARTS

Due to the great difference in scale between this manuscript (at 1:10,000) and Nautical Charts Nos. 1051 and 1116 (at 1:175,000 and 1:458,596 respectively), a minute comparison could not be made.

The following topographic information shown on T-8905 is of sufficient importance to warrant immediate application to the chart:

None.

The following topographic details above the plane of MHW are not shown on this manuscript, but are believed to still exist and should be carried forward on the chart:

None.

Minor changes in cultural and shoreline details need no special discussion.

at 1:175,000?

Respectfully submitted
15 July 1948

John C. Richter
Engineering Draftsman
Compilation and Descriptive Report.

Raymond Glaser
Engineering Draftsman
Photogrammetric Office
Reviewer

Approved and forwarded
July 1948

Thos. E. ...
Officer in Charge
Baltimore Photogrammetric
Office

GEOGRAPHIC NAMES

- Bayou Cypremort ✓
- Cote Blanche ✓
- Cote Blanche Island ✓
- * ~~Cote Blanche Landing~~ : delete entirely —
- Cypremort (Louisa. P.O.) = Cypremort is recent USRTN decision for the village, but Louisa is P.O. name) ✓
- Florence ✓
- * • Horse Bayou ✓
- Intracoastal Waterway ✓
- Ivanhoe ✓
- Ivanhoe Canal ✓
- Sandy Bottom Pond ✓
- St. Helen Cemetery ✓
- St. Helens Church ✓
- Weeks Island ✓
- * • West Cote Blanche Bay ✓

• Red Bluff ✓

* Names from War Department Corps of Engineers Bayou Sale, La. quadrangle and U.S.G.S. Cypremort Pt. La. quadrangle. Not to be considered final unless verified.

- Southern Pacific ✓
- La. Nos. 59, 903, 908 ✓

Names preceded by •
were approved. 12/4/48
L. HECK

Division of Photogrammetry
Review Report of
Shoreline Map manuscript T-8905

26. Control.-Cote Blanche 3, 1913, a USGS-OS triangulation station, was added to the map manuscript. Although this station was not recovered, it is assumed that it has not been lost or destroyed.

No pricking cards were available for the following stations: Cypremort Church, 1931, Cypremort Plantation Metal Stack, 1931 and Louisiana Geodetic Survey traverse station 14013, 1956.

28. Detailing.-The original compilation was adequate except for minor additions and corrections made by the reviewer. These changes have been shown on the manuscript in blue ink.

34. Landmarks and Aids to Navigation.-Ivanhoe Canal Entrance Day beacon, No. 2, as listed in Chart Letter 555, 1947, and the 1948 Light List of the Intracoastal Waterway, has been shown on field inspection photograph 12557 as Ivanhoe Canal Entrance Light No. 2, with the following notation: "FL. W. White light on black pile".

The Cypremort Plantation Metal Stack was shown on field inspection photograph 12558 to be charted as a landmark, No form 567 was submitted by the field or compilation office. The geographic position of this landmark may be obtained by referring to form 11-2300-12 in this report.

*Referred to C.G. for information.
S.B.P.
2/18/49*

44. Comparison with Existing Topographic Quadrangles.-

A. Quadrangles			
301 Bayou Sale, La.	1:62,500	1937	
101 Jeanerotte, La.	1:62,500	1937	
101 Derouen, La.	1:62,500	1930	
B. Topographic Surveys			
T-6170	1:20,000	1934	

There are no contemporary hydrographic surveys.

45. Comparison with Nautical Charts.-

1051 1:175,000 1941-1948

Ivanhoe Canal is not shown on this chart.

The map manuscript has been applied to chart 882, one of a new series, prior to review.

47. Adequacy of the Compilation.-Field inspection was generally adequate in the immediate vicinity of the Intracoastal Waterway. In the future, this same area will be covered by planimetric map manuscripts T-9013 and T-9014 which should give more complete coverage.

PROJECT NO. PH-14(46)

T - 8904

Photo

TIDE COMPUTATION

~~Station~~ Date 11/23/46

REF. STATION GALVESTON TEXAS

TIDAL STATION COTE BLANCHE
W. COTE BLANCHE BAY

	Ratio of Range = 1.0			
	h.	m. feet	Feet x R of R	
H.T.	17	27	1.3	1.3
L.T.	9	40	-0.3	-0.3
DURATION	<u>7 47</u>		<u>RANGE 1.6</u>	

L.T. of H.T.	9	40
Time Diff. +	2	15
L.T. of H.T.	<u>11 55</u>	
Req. Time	<u>13 47</u>	
INTERVAL	<u>1 52</u>	

	feet
Tabular correction	0.2
Ht. of water	
(L.T. of H.T.)	<u>-0.3</u>
Stage above MLW	<u>-0.1</u>

Rock bares	
Stage above MLW	<u>-0.1</u>
Height of rock	

Photo. No.	
	18550
above MLW	

	h.	m.
L.T. or H.T.	11	55
Req. Time	13	56
INTERVAL	<u>2 01</u>	

	feet
Tabular correction	0.2
Ht. of water	
(L.T. of H.T.)	<u>-0.3</u>
Stage above MLW	<u>-0.1</u>

Rock bares		Photo. No.
Stage above MLW	0.1	18550
Height of rock		above MLW

L.T. or H.T.	
Req. Time	
INTERVAL	

Tabular correction	
Ht. of water	
(L.T. or H.T.)	
Stage above MLW	

Rock bares		Photo. No.
Stage above MLW		
Height of rock		above MLW

L.T. or H.T.	
Req. Time	
INTERVAL	

Tabular correction	
Ht. of water	
(L.T. or H.T.)	
Stage above MLW	

Rock bares		Photo. No.
Stage above MLW		
Height of rock		above MLW

L.T. or H.T.	
Req. Time	
INTERVAL	

Tabular correction	
Ht. of water	
(L.T. or H.T.)	
Stage above MLW	

Rock bares		Photo.
Stage above MLW		
Height of rock		above MLW

L.T. or H.T.	
Req. Time	
INTERVAL	

Tabular correction	
Ht. of water	
(L.T. or H.T.)	
Stage above MLW	

Rock bares		Photo. No.
Stage above MLW		
Height of rock		above MLW

L.T. or H.T.	
Req. Time	
INTERVAL	

Tabular correction	
Ht. of water	
(L.T. or H.T.)	
Stage above MLW	

Rock bares		Photo. No.
Stage above MLW		
Height of rock		above MLW

Compiled by: M.F. Kirk
Checked by: J.W. Vonasek

PROJECT NO. PH-14(46)

T - 8905

Photo 18556 to 18558

OR

TIDE COMPUTATION

_____ Date 11-23-46

REF. STATION Galveston Texas

TIDAL STATION Cote Blanche
W. Cote Blanche Bay

	Ratio of Range = 1.0			
	h.	m. feet	Feet x R of R	
H.T.	17	27 1.3	1.3	
L.T.	9	40 -0.3	-0.3	
DURATION	<u>7</u>	<u>47</u>	RANGE	<u>1.6</u>

	h.m.
L.T. or H.T.	9 40
Time Diff.	<u>2 15</u>
L.T. or H.R.	11 55
Req. Time	<u>14 00</u>
INTERVAL	<u>2.05</u>

feet

feet

Tabular correction 0.2
Ht. of water
(L.T. or H.T.) - 0.3
Stage above MLW - 0.1

Rock bares
Stage above MLW _____
Height of rock _____

Photo. No.
above MLW

h. m.

feet

L.T. or H.T.
Req. Time _____
INTERVAL _____

Tabular correction
Ht. of water
(L.T. or H.T.) _____
Stage above MLW _____

Rock bares
Stage above MLW _____
Height of rock _____ above MLW

Photo.No

L.T. or H.T.
Req. Time _____
INTERVAL _____

Tabular correction
Ht. of water
(L.T. or H.T.) _____
Stage above MLW _____

Rock bares
Stage above MLW _____
Height of rock _____ above MLW

Photo.No

L.T. or H.T.
Req. Time _____
INTERVAL _____

Tabular correction
Ht. of water
(L.T. or H.T.) _____
Stage above MLW _____

Rock bares
Stage above MLW _____
Height of rock _____ above MLW

Photo.No

L.T. or H.T.
Req. Time _____
INTERVAL _____

Tabular correction
Ht. of water
(L.T. or H.T.) _____
Stage above MLW _____

Rock bares
Stage above MLW _____
Height of rock _____ above MLW

Photo. No.

L.T. or H.T.
Req. Time _____
INTERVAL _____

Tabular correction
Ht. of water
(L.T. or H.T.) _____
Stage above MLW _____

Rock bares
Stage above MLW _____
Height of rock _____ above MLW

Photo.No.

L.T. or H.T.
Req. Time _____
INTERVAL _____

Tabular correction
Ht. of water
(L.T. or H.T.) _____
Stage above MLW _____

Rock bares
Stage above MLW _____
Height of rock _____ above MLW

Photo.No.

Compiled by: R. Glaser
Checked by: H.R. Rudolph

7-0905

Reviewed by:

B. Thomas Hynson
B. Thomas Hynson
Cartographer (Photo)
12-30-48

APPROVED:

S. V. Griffith
S. V. Griffith
Chief, Review Section *K.N.M.*

A. C. Monahan
Chief, Nautical Chart Br.
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

C. K. Green
Chief, Div. of Coastal Surveys

