

11036

Diag. Cht. Nos. 1269 and 1271.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline Photogrammetric

Field No. Ph-96 Office No. T-11036

LOCALITY

State Louisiana

General locality New Orleans - Mississippi River

Locality Southport to Marrero

194 51-52

CHIEF OF PARTY

A.L. Powell, Chief of Field Party

J.C. Sammons, B'more Photo. Office

LIBRARY & ARCHIVES

DATE January 22, 1958

B-1870-1 (1)

11036

DATA RECORD

T -11036

Project No. (II): **Ph-96**

Quadrangle Name (IV):

Field Office (II): **Houma, Louisiana**

Chief of Party: **A. L. Powell**

Photogrammetric Office (III): **Baltimore, Md.**

Officer-in-Charge: **Jack C. Sammons**

Instructions dated (II) (III): **Field - 22 August 1952**
Supplemental - 1-22, October 1952
Office - 23 Jan. 1953
3 Feb. 1953

Copy filed in Division of
 Photogrammetry (IV)

Office Files

Method of Compilation (III): **Graphic**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): **1:10,000**

Date received in Washington Office (IV):

AUG 13 1953

Date reported to Nautical Chart Branch (IV):

AUG 14 1953

Applied to Chart No.

Date:

Date registered (IV): **20 June 1957**

Publication Scale (IV): **Not to be published**

Publication date (IV):

Geographic Datum (III): **N.A. 1927**

Vertical Datum (III): **See par. 35**

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): **WESTWEGO, 1930**

Lat.: **29° 54' 45.548" (1402.5m)**

Long.: **90° 08' 22.496" (603.5m)**

Adjusted

~~Standard~~

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.

Not applicable

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

DATA RECORD

Field Inspection by (II): S.L. Hollis
W. M. Reynolds

Date: Sept. to Nov. 1952

Planetable contouring by (II): None

Date:

Completion Surveys by (II): None

Date:

Shoreline

~~Map of the Water~~ Location (III) (State date and method of location):
Photographs 11/19/52
See par. 35

Projection and Grids ruled by (IV): J. Allen

Date: 11/26/52

Projection and Grids checked by (IV): H. D. Wolfe

Date: 11/28/52

Control plotted by (III): L. A. Senasack

Date: 3/20/53

Control checked by (III): H. R. Rudolph

Date: 3/23/53

Radial Plot or ~~Stereoscopic~~

Date: 4/6/53

~~Contour extension~~ by (III): H. R. Rudolph

Stereoscopic Instrument compilation (III):

Planimetry

Date:

Contours

Date:

None

Manuscript delineated by (III): R. M. Whitson

Date: 6/19/53

Photogrammetric Office Review by (III): R. Glaser

Date: 7/22/53

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

None

Date:

Camera (kind or source) (III): Single lens - Corps of Engineers

Number	Date	Time	Scale	Stage of Tide
7-1235 - H-51 to 7-1239-H-51	11/18/51	unknown	1:10,000	*
7-1273-H-51 to 7-1276-H-51	11/18/51	"	"	*
7-1300-H-51 to 7-1304-H-51	11/18/51	"	"	*
7-1344-H-51 to 7-1346-H-51	11/19/51	"	"	*

Tide (III) *

Reference Station:

Subordinate Station: NEW ORLEANS, MISSISSIPPI RIVER

Subordinate Station:

Washington Office Review by (IV): C. Theurer

Final Drafting by (IV): M. Day

Drafting Verified for reproduction by (IV): W.O. Halluin

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 5

Shoreline (More than 200 meters to opposite shore) (III): 12 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 4 mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 37

Recovered: 16

Identified: 15**

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): 7

Number of Temporary Photo Hydro Stations established (III): none

Remarks:

* Low river stage only. There is no periodic tide at high stages. See tide tables and pg. 319 Coast Pilot, Gulf Coast.

** In addition one station was identified in the compilation office.

Ratio of Ranges	Mean Range	Diurnal Spring Range
-	-	0.8*

Date: 9-11-53

Date: 7-10-56

Date: 10-2-56

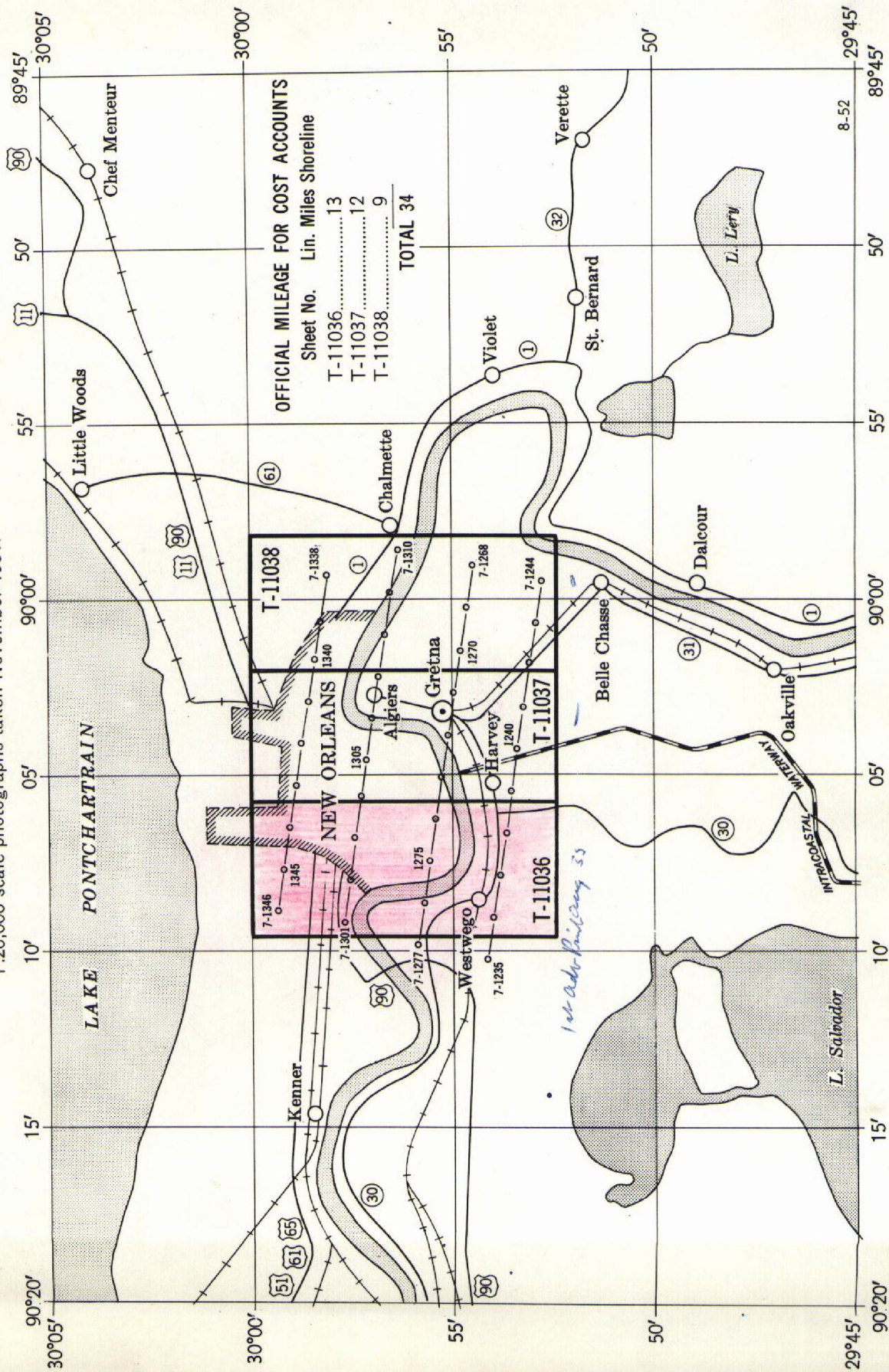
Date:

SHORELINE MAPPING PROJECT PH - 96

LOUISIANA, Mississippi River - New Orleans

(Refer to Air-Photo Indexes 110-D and 110-E)

Compiled at scale 1:10,000 from U.S. Corps of Engineers single-lens
1:20,000 scale photographs taken November, 1951.



Summary Ph-96

Project Ph-96 consists of three shoreline surveys at a scale of 1:10,000 covering the Mississippi River at New Orleans, a part of the Rigolets-New Orleans Cut of the Intracoastal Waterway, the southern portion of the Inner Harbor Navigation Canal and the northern end of Harvey Canal. A new section of the Intracoastal Waterway and Algiers Lock are shown under construction on T-11038. These surveys were compiled in 1953 from single-lens, Corps of Engineers photographs taken in 1951 and field inspected in 1952. They were compiled to provide shoreline information for the construction of Nautical Chart 497.

Part of this Project Area was previously covered by CS-365, Sheets 1 and 2 of 5, compiled in 1947 at 1:20,000 scale as part of Ph-1. The northern part of the Inner Harbor Navigation Canal was revised on CS-365, Sheet 1 of 5 during the compilation of Ph-96. Harvey Canal continues to the south on CS-365, Sheet 2 of 5.

~~Cloth backed lithographic~~ *Crown* prints of the original map manuscripts at compilation scale and the descriptive reports will be filed in the Bureau Archives.

MAP T. 11036 PROJECT NO. Ph-96 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR x -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			°	'	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
HOPE HAVEN CONVENT BLACK TANK, 1934	G-3045 LAC-152	N.A. 1927	29	53	26.811			825.5	(1021.9)		
			90	06	04.793			128.6	(1481.3)		
4110 + 79.6 (U.S.E.)	Marker Survey p. 30	"	29	54	13.670			420.9	(1426.5)		
			90	06	26.715			716.7	(893.0)		
Sub Pt. 4110 + 79.6 (U.S.E.)		"	29	54				445.1	(1402.3)		
			90	06				599.0	(1010.7)		
WESTWEGO CITY WATERWORKS TANK, 1930	G-1243 I 66	"	29	54	40.033			1232.7	(614.8)		
			90	08	36.228			971.9	(637.7)		
3873 + 85.5 (U.S.E.)	Marker Survey p. 27	"	29	56	42.181			1298.8	(548.7)		
			90	08	41.675			1117.6	(491.4)		
Sub Pt. 3873 + 85.5 (U.S.E.)		"	29	56				1362.5	(485.0)		
			90	08				1150.1	(458.9)		
277 L.A. G. S.	Let. 3/6 53 Comdr. Kirsch	"	480,000		2,236.64 (2,763.36)			681.7	(842.3)		
			2,380,000		2,697.65 (2,302.35)			822.3	(701.7)		
Sub Pt. 277, L.A.G.S.		"	480,000					687.5	(836.5)		
			2,380,000					817.7	(706.3)		
NEW ORLEANS COMPRESS CO. WATER TANK, EAST, 1930	G-1243 I 65	"	29	58	11.86			365.2	(1482.3)		
			90	08	47.78			1281.0	(327.6)		
Sub Pt. NEW ORLEANS EAST BASE, 1929		"	29	58				801.1	(1046.4)		
			90	09				1022.6	(585.9)		
NEW ORLEANS LOYOLA CHURCH-NEE SPIRE, 1930	G-1243 I 67	"	29	56	03.035			93.5	(1754.0)		
			90	07	19.110			512.5	(1096.7)		
NEW ORLEANS COMPRESS CO. WATER TANK, WEST, 1930	G-1243 I 65	"	29	58	13.82			425.5	(1421.9)		
			90	08	59.444			1593.6	(15.0)		

1 FT. = 3048006 METER

COMPUTED BY: J. C. Richter

DATE 25 February 1953

CHECKED BY: L. A. Senasack

DATE 13 March 1953

M-2388-12

MAP T. 11036 PROJECT NO. Ph-96 SCALE OF MAP 1:10,000 SCALE FACTOR 1.1

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR 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)	FORWARD	(BACK)
3824 + 08.7"	U.S.E. Positions 26	N.A. 1927	29 57 01.825			56.2	(1791.3)		
U.S.E. Sub Pt. 3824 + 08.7, U.S.E.		"	90 09 13.223			354.6	(1254.3)		
		"	29 57			122.1	(1725.4)		
		"	90 09			270.3	(1338.6)		
EXPORT CO. WATER TANK, 1930 (DESTROYED)	G-1243 I 68	"	29 55 35.753	Destroyed--Plot ted to control Radial Plot		1100.9	(746.6)	Deleted from map manuscript	
		"	90 08 39.655			1063.6	(545.7)		
NEW ORLEANS WATERWORKS, CONCRETE STACK, 1930	G-1243 I 67	"	29 57 28.268			870.4	(977.1)		
		"	90 07 43.647			1170.4	(438.4)		
HM 212/2 (MRC) USE 1898	Let. 3/6 Comdr. Kirsch		29 55 18.929			582.8	(1264.6)		
			90 07 57.934			1554.0	(55.4)		
Sub Pt. B, HM 212/2 (MRC) USE, 1898			29 55			641.2	(1206.2)		
			90 07			1476.9	(132.5)		
No. 6, LAGS	Let. 3/8/53 Comdr. Kirsch		480,000	2,632.64 (2,367.36)		802.4	(721.6)		
			2,385,000	145.00 (4,855.00)		44.2	(1479.8)		
WESTWEGO, 1930	G-1352 I 16	N.A. 1927	29 54 45.548			1402.5	(445.0)		
			90 08 22.496			603.5	(1006.1)		
COMPANY CANAL, 1874	G-3045 LAC-153	"	29 54 41.282			1271.1	(576.3)		
		"	90 08 43.826			1175.7	(433.9)		
ST. STEPHENS CHURCH SPIRE, 1930	G-1243 p. 67	"	29 55 18.689			575.5	(1272.0)		
		"	90 06 04.239			113.7	(1495.7)		
BOYS ORPHAN ASYLUM, 1874	G-3045 p. 161	"	29 55 37.201	GP probably in error. No check position. Could not be held.		1145.5	(702.0)	This station not plotted on sheet	
		"	90 06 40.227			1079.0	(530.3)		
WATER TANK, MILK BOTTLE SHAPE, 1930	G-1243 p. 66	"	29 57 49.33			1518.9	(328.5)		
		"	90 06 47.37			1270.1	(338.6)		

1 FT. = 3048006 METER

COMPUTED BY: J. C. Richter

DATE: 25 February 1953

CHECKED BY: L. A. Senasack

DATE: 12 March 1953

M-2388-12

SCALE FACTOR

M-2388-12

CHECKED BY: **L. A. Senasack**

DATE _____

12 March 1953

COMPILATION REPORT
T-11036

FIELD REPORT:
PHOTOGRAMMETRIC PLOT REPORT:

These reports are part of the Descriptive Report for Survey No. T-11037.

31. DELINEATION

This manuscript was delineated by graphic methods.

In accordance with the project instructions, a dotted line was used as the symbol for the line of the levee.

Refer to Report for Survey T-11037, regarding interior detail and survey limits.

32. CONTROL

The identification, density and placement of horizontal control was adequate.

33. SUPPLEMENTAL DATA

For Railroad track information, the following blue prints were used:

A. Public Belt R. R. Commission, New Orleans, La:

Scale 1" = 100' August 1929 thru Feb. 1951.
Sheets No. 1, 2, 3, 4, 5 and 6.

B. Texas and New Orleans R. R. Co:

Scale 1" = 100' December 1927 and September 1951.
Sheets No. $\frac{V-2,}{S-6-A}$ $\frac{V-2}{7}$ and $\frac{V-2}{8}$.

C. Public Grain Elevator Addition Wharf Extension:

Scale 1" = 100' July 10, 1952.
Sheet No. V-7-3774.

D. Napoleon Avenue Wharf and International Harvester Co:

Scale 1" = 100' Revision September 15, 1952.
Sheet No. M-9-3700.

33. SUPPLEMENTAL DATA (cont'd)

E. Mississippi River Hydrographic Surveys:

Sheets No. 43 and 44 1949 - 1952.

Scale 1:10,000, used for delineation of U. S. Mattress areas and submerged cables. Refer to paragraph 35 and 36 of the report for Survey T-11037.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate.

U. S. Mattresses, which are no anchorage areas, have been shown in their approximate positions. The inner limits have not been shown on the manuscript due to excessive detail along the shore.

The shoreline delineated was not the MHWL, but the natural banks of the river. Refer to Field Instructions, Supplement 1, and to paragraph 7 of the Field Report.

36. OFFSHORE DETAILS

Refer to Report for Survey T-11037 regarding outer limits of the U. S. Mattresses.

37. LANDMARKS AND AIDS

Original Forms 567 submitted by the field party for the project are submitted with the report for Survey T-11037. Forms 567 are attached to this report for five non-floating aids in the area of this manuscript and for two landmarks recommended for deletion by the field party.

Chart Letter 744(53)

The positions of two landmarks were available from a Form 567 which is part of the report for CS 365 (1 of 5) (1947)*. The position of one was plotted on the manuscript after it was found to hold with the new radial plot. A new position was determined and a Form 567 is submitted for ELEVATOR (highest part). **Chart Letter 162(46)*

Cuts from three U.S.E. stations were furnished to locate NINE MILE POINT OBSTRUCTION LIGHT, (N). These were plotted with the three arm protractor using the photogrammetric position of NINE MILE OBSTRUCTION LIGHT (S.) as an azimuth.

These three USE stations are not shown on the map manuscript. There is ample control plotted in the area in which they are located.

37. LANDMARKS AND AIDS (cont'd)

* Geographic positions are available for the recommended landmarks, Twin Stacks 1946 and Elevator 1952. The positions are ~~now~~ listed in Ch. Lets 162(v6) & 744(53)

38. CONTROL FOR FUTURE SURVEYS

* Forms 524 are submitted for three (3) recoverable topographic stations. These stations are listed in paragraph No. 49.

These topographic stations are 3 of the 5 lights on this manuscript that are located on land. Positions are also available for the other two lights in Ch Let 744(52)

39. JUNCTIONS Junction has been made and is in agreement to the east with Survey No. T-11037. There are no contemporary surveys to the north, south or to the west of this manuscript.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. thru 45.

Not applicable.

46. COMPARISON WITH EXISTING MAPS

Manuscript T-11036 has been compared with Geological Survey, New Orleans, East; and New Orleans, West, Quadrangles, published 1939, scale 1:31,680.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 1271; scale 1:80,000, published April 1939, and corrected to 8/11/52.

Items to be applied to nautical charts immediately:

None.

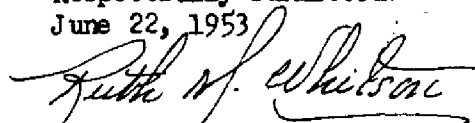
Items to be carried forward:

None.

Approved and Forwarded:


Jack C. Sammons
Capt. U.S.C. & G. S.
Balto. Photo. Office

Respectfully submitted.
June 22, 1953


Ruth M. Whitson
Carto. Photo. Aid

48. GEOGRAPHIC NAMES LISTAmesvilleAudubon ParkBayou SegnetteCarrollton ✓Company Canal*Foreign Trade ZoneForeign Trade Zone No. 2La. Route 2La. Route 30Marrero ✓Mississippi RiverNapoleon Avenue Ferry ✓Napoleon Avenue Wharf ✓Nashville Avenue Wharf ✓New OrleansNine Mile Point** ✓Public Belt (R.R.)Public Commodity Warehouse Wharf ✓Public Grain ElevatorSinclair Westwego Wharf ✓Southern Pacific R. R.Southport ✓Stuyvesant WharfTexas and Pacific R. R. ✓Texas and Pacific WharfU. S. Engineer DepotWestwego

Names approved
9-11-53
A.J.W.

* Named WESTWEGO CANAL on the quadrangle.

** Spelled 2 words on Form 567, and Light List and U.S.E. Hydrographic Survey. Spelled one word on Charts 1269 and 1271 and quadrangle.

49. NOTES FOR THE HYDROGRAPHER

Recoverable Topographic Stations shown on the manuscript are listed as follows:

· SOUTHPORT LIGHT, 1952

· NINE MILE POINT LIGHT, 1952

CELOTEX WHARF LIGHT, 1952

· Twin Stacks, 1946

· Elevator, 1952

· Nine Mile Point Obstruction Light (N), 1952

· " " " " " (S), "

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11036

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

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ☒ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ☒ 7. Photo hydro stations none 8. Bench marks none
9. Plotting of sextant fixes none 10. Photogrammetric plot report ☒ 11. Detail points ☒

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ☒ 13. Low-water line ☒ 14. Rocks, shoals, etc. none 15. Bridges ☒ 16. Aids to navigation ☒ 17. Landmarks ② 18. Other alongshore physical features none 19. Other along-shore cultural features ☒

PHYSICAL FEATURES

20. Water features ☒ 21. Natural ground cover ☒ 22. Planetable contours none 23. Stereoscopic instrument contours none 24. Contours in general none 25. Spot elevations none 26. Other physical features none

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines none 32. Public land lines none

MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. Discrepancy overlay none 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒
40. R. Olson Joseph Steinberg
Reviewer Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

① See report for T-11037 - Notes to Reviewer
② None required - see instructions

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

43. Remarks:

NONFLUORESCENT/AD3/OR LANDMARKS FOR CHARTS

STRIKE OUT ONE

New Orleans, Louisiana,

20 November, 1952

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

The positions given have been checked after listing by

Chart Letter 744 (53)

Allen L. Powell

Chief of Party.

STATE			LOUISIANA			POSITION																		
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE *			LONGITUDE *			DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED									
			°	'	"	°	'	"								D.P. METERS	D.P. METERS							
TANK	(unknown) Elev Steel Black	135 ft	29	54.2	✓	248	90	07.7	✓	NA 1927	Cs 365	Cs 365	X			1269, 1271								
STACK	(unknown) White, 145 ft high		29	55.9	✓	122	90	08.0	✓	"	"	Unknown	X			1269, 1271								
											</													

TO BE CHARTED
~~TO BE DELIVERED~~

STRIKE OUT ONE

Baltimore, Maryland

August 1953

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

The positions given have been checked after listing by

R. Glaser

Chart Letter 744(53)

Jack C. Sammons, *Chief of Party.*

[illegible]

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

STRIKE OUT ONE

Baltimore, Maryland

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

The positions given have been checked after listing by

Chart Letter 744 (53)

Jack C. Semmons,
Chief of Party.

Chief of Party.

[illegible]

Review Report T-11036
Shoreline Survey
September 11, 1953

62. Comparison with Registered Topographic Surveys.-

T-1403	1:20,000	1874-75
T-1404b	1:20,000	" "

The map manuscript supersedes these surveys for nautical charting purposes.

63. Comparison with Maps of other Agencies.-

USGS New Orleans West Quad	1:31,680	1938
USGS New Orleans East Quad	1:31,680	1939

Company Canal, called Westwego Canal on Quadrangle, no longer connects with the Mississippi River.

64. Comparison with Contemporary Hydrographic Surveys.- None

65. Comparison with Nautical Charts.-

Chart No. 1269 1:80,000 1943 Corr. 1951

Two landmarks, Stack and Tank, should be deleted from the chart. Chart Letter 744 (1953).

Cable areas at Carrollton and near the Nashville Avenue Wharf should be added to the chart.

Corrections and additions should be made to the piers and wharfs in the entire area covered by the map manuscript.

66. Map Accuracy.-The map manuscript conforms with the National Standards of Map Accuracy and project instructions.

Reviewed by:

Charles Theurer
C. Theurer

APPROVED:

L. C. Lande
Chief, Review Branch
Div. of Photogrammetry

Max Skelton
Chief, Nautical Chart Branch
Division of Charts

W. J. Swanson
Chief, Div. of Photogrammetry

[Signature]
Chief, Div. of Coastal Surveys

8 January 1958

NAUTICAL CHARTS BRANCH

SURVEY NO. T-11036

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
21 Oct 53	1271	<i>Tuchols</i>	Before After Verification and Review
11 Dec 53	199 (NEW)	<i>De Lauder</i>	Before After Verification and Review
5-4-54	1269	R. K. De Lauder	<i>Partially applied</i> Before After Verification and Review
10/18/60	1269	<i>St. McGinn</i>	Before After Verification and Review (Reconst.)
2-27-62	878-5C	<i>Kennor</i>	Before After Verification and Review <i>applied thru 497</i>
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.