

TP-00262

TP-00262

FORM C&amp;GS-504

U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey CHART TOPOGRAPHY

Field No. Office No. TP-00262

## LOCALITY

State LOUISIANA

General locality MISSISSIPPI RIVER

Locality BATON ROUGE

1970-71

## CHIEF OF PARTY

Jack E. Guth, Chief, Coastal Mapping Division  
Alfred C. Holmes, Director, A. M. C.

## LIBRARY &amp; ARCHIVES

DATE

## DESCRIPTIVE REPORT - DATA RECORD

## TYPE OF SURVEY

☒ ORIGINAL☐ REVISED

SURVEY TP - 00262

JOB PH - 7014

## PHOTOGRAMMETRIC OFFICE

ROCKVILLE, MARYLAND

## OFFICER-IN-CHARGE

JACK GUTH

## FOR REVISED SURVEY USE ONLY

ORIGINAL  
SURVEY DATA:

JOB PH -

DATES:

19 TO 19

## I. INSTRUCTIONS DATED

## 1. OFFICE

Aerotriangulation - May 3, 1971  
Compilation - June 9, 1971

## 2. FIELD

Field - August 6, 1971

## II. DATUMS

## 1. HORIZONTAL:

☒ 1927 NORTH AMERICAN

OTHER (Specify)

## 2. VERTICAL:

☐ MEAN HIGH-WATER  
☐ MEAN LOW-WATER  
☐ MEAN LOWER LOW-WATER  
☐ MEAN SEA LEVEL

OTHER (Specify)

## 3. MAP PROJECTION

Mercator

## 4. GRID(S)

STATE  
LouisianaZONE  
South

## 5. SCALE

1:20,000

STATE

ZONE

## III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: <b>Analytic</b>	BY LANDMARKS AND AIDS BY	<b>D. Norman</b>	<b>Oct. 1971</b>
2. CONTROL AND BRIDGE POINTS METHOD: <b>Coradi</b>	PLOTTED BY CHECKED BY	<b>D. Phillips</b>	<b>Oct. 1971</b>
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: <b>B-8</b> SCALE: <b>1:20,000</b>	PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY	<b>P. Dempsey</b>	<b>Oct. 1971</b>
4. MANUSCRIPT DELINEATION METHOD: SCALE: <b>1:20,000</b>	PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY		
6. APPLICATION OF FIELD EDIT DATA	BY CHECKED BY		
7. COMPILATION SECTION REVIEW	BY		
8. FINAL REVIEW	BY	<b>O. Bishop (A. M. C.)</b>	<b>Dec. 1971</b>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY		

TP-00262  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) E - 6-inch focal length M - 3.44-inch focal length		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES NOT APPLICABLE <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		<input checked="" type="checkbox"/> (C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE CENTRAL	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 90	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
70 E (C) 8467 thru 8475	11-24-70	14:47	1:20,000		
70 E (C) 8476 thru 8481	"	14:57	"		
70 M (C) 433 thru 440	"	10:42	1:60,000		
70 M (C) 447 thru 451	"	11:06	"		

REMARKS

2. SOURCE OF ~~MEAN HIGH WATER LINE~~ SHORELINE:

Compilation photography: See Instructions, Par. 7.01

## 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

## 4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

## 5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
None	None	BP-80345	None

REMARKS

TP-00262  
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Richard D. Olson	
2. HORIZONTAL CONTROL <b>NOT APPLICABLE</b>		
RECOVERED BY		
ESTABLISHED BY		
PRE-MARKED OR IDENTIFIED BY		
3. VERTICAL CONTROL <b>NOT APPLICABLE</b>		
RECOVERED BY		
ESTABLISHED BY		
PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION		
RECOVERED (Triangulation Stations) BY	N. A.	
LOCATED (Field Methods) BY	Richard A. Whitney	10-25-71
IDENTIFIED BY	Richard A. Whitney	10-25 & 11-1-71
5. GEOGRAPHIC NAMES INVESTIGATION		
TYPE OF INVESTIGATION		
<input type="checkbox"/> COMPLETE		
<input type="checkbox"/> SPECIFIC NAMES ONLY		
<input type="checkbox"/> NO INVESTIGATION		
BY	William J. Mottern	11-08-71
6. PHOTO INSPECTION	Richard A. Whitney	10-25-71
CLARIFICATION OF DETAILS BY		
7. BOUNDARIES AND LIMITS	N. A.	
SURVEYED OR IDENTIFIED BY		

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

N. A.

2. VERTICAL CONTROL IDENTIFIED

N. A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

70 E (0) 8469, 8472, 8474, 8478

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

See Form 76-40

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☐ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☐ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

None

TP-00262  
RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Inshore detail, foreshore features, and shoreline as of photo date	Oct. 1971	The shoreline, as compiled, was for location only.		

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: \_\_\_\_\_3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

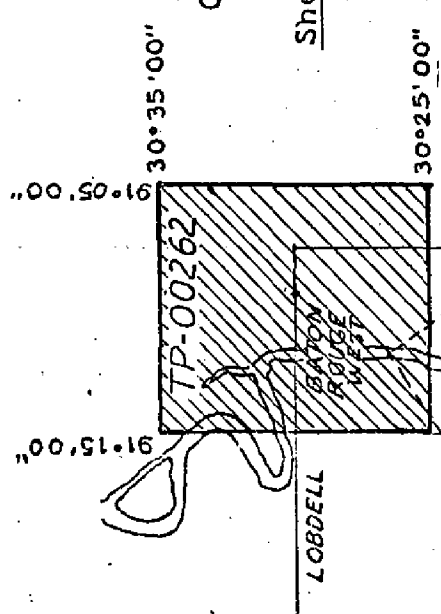
## III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.  
2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM C&GS 567 SUBMITTED BY FIELD PARTIES.  
3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, ESSA FORM 76-36C.  
ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: \_\_\_\_\_

## IV. SURVEY REVISION (This section shall be completed when a revised survey is registered.)

FIRST REVISION	SURVEY NUMBER TP - (2)	JOB NUMBER PH -	REMARKS
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
SECOND REVISION	SURVEY NUMBER TP - (3)	JOB NUMBER PH -	REMARKS
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD REVISION	SURVEY NUMBER TP - (4)	JOB NUMBER PH -	REMARKS
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



JOB PH-7014

MISSISSIPPI RIVER, ROUGE

NEW ORLEANS to BATON, LOUISIANA

CHART TOPOGRAPHY

CHART 652-SC

SCALE 1:20,000 & 1:40,000

Official Mileage For  
Cost Accounts

Sheet No. Area Sq. Mi.

TP-00262 13

## SUMMARY

### DESCRIPTIVE REPORT TP-00262

This 1:20,000 scale manuscript is located in the Batona Rouge area of the Mississippi River and is the most northwesterly map in Project PH-7014, which was initiated for new chart topography. It is the only original compilation in the project and the only map to be registered. All other maps in the project are revisions of USGS Quadrangles.

Bridging was by analytic aerotriangulation, using 1:60,000 scale color photography taken in November 1970. Sufficient points were transferred from the bridging photographs to the 1:20,000 scale plates of color photography of the same date to enable the stereoscopic models to be set for compilation, which was done without the benefit of field inspection. Shoreline was office interpreted as of the date of photography.

This map was not involved in photo-hydro support. Field Edit was done in October 1971.

Final Review was done at the Atlantic Marine Center in December 1971.

The compilation manuscript was a mylar-base sheet 10 minutes in latitude by 10 minutes in longitude.

A cronaflex copy of the final reviewed manuscript and a negative have been forwarded for record and registry.

FIELD INSPECTION REPORT

TP-00262

PROJECT PH-7014

There was no field inspection prior to the compilation of this map.

PHOTOGRAMMETRIC PLOT REPORT  
Baton Rouge, Louisiana  
Job PH-7014  
August 1971

21. Area Covered

This report pertains to the Mississippi River in the vicinity of Baton Rouge, Louisiana. The sheet covered is TP-00262.

22. Method

Two strips (70-M-433 thru 440 and 70-M-447 thru 451) of 1:60,000 scale, RC-9, color photography were bridged by analytic aerotriangulation methods. Points were transferred from the 1:60,000 scale photography to two strips (70-E-8467 thru 8475 and 70-E-8476 thru 8481) of 1:20,000 scale color photography. Sufficient points were transferred for setting the 1:20,000 scale photography for compilation.

23. Adequacy of Control

The control was adequate. Subpoint B of Louisiana State University Memorial Campanile, 1929, would not fit with the other control. It missed by 98 feet in X and 45 feet in Y. It is believed by this office that the subpoint was misidentified. However, the point was not needed for the adjustment. Subpoint A was held and the home station, which was also measured during bridging, served as a check.

24. Supplemental Data

USGS topographic quadrangles were used to obtain vertical control for the strips.

25. Photography

The image definition of the 1:60,000 scale bridging photography was substandard. In fact, it was the poorest photography ever used for bridging by this office. The strips will, however, meet the National Map Accuracy Standards.

Respectfully submitted:

*Don O. Norman*

Don O. Norman

Approved and Forwarded:

*Henry P. Eichert*

Henry P. Eichert, Chief  
Aerotriangulation Section

Fit to Control

▲ held in adjustment  
△ used as check  
(X, Y) in feet

STRIP 1

1 ▲ SAMUEL, 1929 (+1.2, +1.1)  
2 SCOTT, 1929  
▲ subpoint A (-3.8, -2.5)  
▲ subpoint B (-3.8, -2.6)  
▲ subpoint C (-3.4, -0.3)  
3 ▲ BABIN, 1929 (-1.6, -0.4) (sub. pt. A)  
4 ▲ LOUISIANA STATE UNIVERSITY  
MEMORIAL CAMPANILE, 1929 (-0.9, -1.2)  
▲ subpoint A (+4.0, +2.6)  
▲ subpoint B (-97.9, +44.8)  
5 BURTVILLE, 1929  
▲ subpoint A (+6.2, +5.3)  
▲ subpoint B (-1.4, -1.2)  
▲ subpoint C (+15.3, +5.9)

STRIP 2

▲ 37801 (-5.1, +3.2)  
▲ 37802 (-1.1, -0.8)  
▲ 35801 (-0.9, -1.5)  
▲ 35802 (+3.9, +2.7)  
▲ 34801 (-4.8, -4.1)  
5 BURTVILLE, 1929  
▲ subpoint A (+13.4, +7.0)  
▲ subpoint B (+2.0, +2.1)  
▲ subpoint C (+17.8, +10.7)

70M440



TP-00262

PHOTOGRAMMETRIC SKETCH

MISSISSIPPI RIVER

BATON ROUGE, LA.

PH 7014

August, 1971

• 1:60000 scale photography

○ 1:20000 scale photography

70E8475



STRIP 1



.37801

.37802

70E8476

70E8467



.35801

.35802

70E8481

30 25 00

91 05 00

N

70M447

STRIP 2

.34801

70M433



70M451

MAP T-TP-00262 PROJECT NO. PH-7014 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR X COORDINATE LONGITUDE OR Y COORDINATE		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 F <sub>1</sub> = 3048006 meter) FORWARD (BACK)
BATON ROUGE, STATE CAPITOL, CUPOLA 1935	Quad. 300912 1032	N. A. 1927	2,046,021.62 651,035.54		
BATON ROUGE, STANDPIPE 1929	Quad. 300912 1031	"	2,045,359.01 647,583.03		
SCOTTS BLUFF, WATER TANK 1929	Quad. 300911 1032	"	2,043,108.56 675,333.87		
BATON ROUGE, ST. JOSEPHS CATHOLIC CHURCH SPIRE 1929	Quad. 300912 1030	"	2,046,165.36 649,098.09		
SCOTT 1929	Quad. 300911 1021	"	2,042,922.89 674,362.19		
BABIN 1929	Quad. 300912 1002	"	2,045,759.99 656,016.71		
			</		

## COMPILATION REPORT

TP-00262

### 31. DELINEATION:

1:20,000 scale color photography was set on the B-8 stereoplotter and compiled at 1:20,000 scale, using points dropped from the 1:60,000 bridge for control.

### 32. CONTROL:

Horizontal control was adequate for density and placement.

Water level and elevations taken from the U.S.G.S. Quadrangles were used for vertical control for leveling the models.

### 33. SHORELINE AND ALONGSHORE DETAIL:

Shoreline was compiled on the B-8 by office interpretation. There was no field edit prior to compilation.

### 36. OFFSHORE DETAILS:

None.

### 37. LANDMARKS AND AIDS:

All fixed aids to navigation were located photogrammetrically except Scott Bluff Light, which was located by a sextant fix, using photo points for control.

Landmarks for charts were located either by photogrammetric methods or by previous triangulation. In the latter case, the triangulation positions were verified when the stereoscopic models were set.

Form 76-40 has been submitted for all Fixed Aids to Navigation and Landmarks for Charts.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

North - no contemporary survey  
South - BP-80345  
West - No contemporary survey  
East - No contemporary survey

40. HORIZONTAL CONTROL AND VERTICAL ACCURACY:

Refer to Photogrammetric Plot Report, dated August 1971  
and bound with this Descriptive Report.

41 through 45:

(Not used.)

46. COMPARISON WITH EXISTING MAPS:

Comparison was made with U.S.G.S. Quadrangles SCOT-  
LANDVILLE, LA. and BATON ROUGE WEST, LA., both scale 1:24,000,  
and both dated 1963.

47. COMPARISON WITH NAUTICAL CHARTS:

Not applicable.

Respectfully submitted:

P.J. Dempsey  
Carto (Photo)  
November 30, 1971

Approved and forwarded:

J.P. Battley, Jr.

December 7, 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7014 (Louisiana)

TP-00262

Baton Rouge	State 30 (Hwy)
Baton Rouge Harbor	State 73 (Hwy)
Capitol Lake	State 76 (Hwy)
Corporation Canal	Sunrise
Free Negro Point	Texas and Pacific (R.R.)
Greater Baton Rouge Port	Turning Basin
Illinois Central (R.R.)	U.S. 61 (Hwy)
Interstate 10 (Hwy)	U.S. 190 (Hwy)
Interstate 410 (Hwy)	
Kansas City Southern (R.R.)	
Mississippi River	
Missouri Pacific (R.R.)	
Municipal Dock	
Port Allen	
Port Allen Landing	
Port Allen Lock	
Scotlandville	
State 1 (Hwy)	

Approved by:

A. Joseph Wright

Prepared by:

James W. Pickens

C O P Y

C O P Y

C O P Y

FIELD EDIT REPORT

JOB PH-7014

MISSISSIPPI RIVER

52. ADEQUACY OF COMPILATION:

Compilation was adequate. All discrepancies were resolved on the individual map blue prints.

54. RECOMMENDATIONS:

None.

56. LANDMARKS AND AIDS TO NAVIGATION:

Landmarks and aids to navigation were identified on the photographs, map blue prints and Forms 76-40. Most of them were compiled correctly and all discrepancies were resolved on the individual map blue prints.

One aid to navigation was identified by field methods. Scott Bluff Light could not be identified photogrammetrically and was located by sextant fix on Sheet TP-00262. The sextant fix was plotted on a film ozalid and was submitted with the sheet and an informal report.

57. SMALL CRAFT FACILITIES:

Small craft facilities are virtually nonexistent in the area of the proposed chart. Only two boat launching ramps were located, both of which were in poor condition. There were no other facilities in the vicinity of these ramps.

58. BULLETIN BOARDS:

According to U. S. Corps of Engineer personnel, Bulletin boards are maintained as a tradition only and are not used much by river going vessels. Two of them are no longer maintained. They were at College Point and Plaquemine Lock (which has been permanently closed).

59. RIVER GAGES:

River gages are maintained only during flood season. They are readable from the top of the levee only and are of no use to the mariner.

60. ADDITIONAL INFORMATION:

As each map blue print was submitted, an informal report was also submitted. The informal report covered the specific information needed to compile the map blue print. This was done to allow compilation to begin immediately as the individual sheets were completed in the field.

Respectfully submitted,

(signed)

William J. Mottern  
Survey Aid  
National Ocean Survey  
Photo Party 61

NOAA FORM 76-40 (12-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 64.										U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION										ORIGINATING ACTIVITY			
										LANDMARKS FOR CHARTS										<input type="checkbox"/> FIELD INSPECTION <input checked="" type="checkbox"/> FIELD EDIT <input checked="" type="checkbox"/> COMPILATION <input checked="" type="checkbox"/> FINAL REVIEW <input type="checkbox"/> QUALITY CONTROL AND REVIEW (See reverse for responsible personnel)			
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE DELETED										DATE 22 Nov 1971													
THE FOLLOWING OBJECTS HAVE (HAVE NOT) BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS: ROCKVILLE, MARYLAND																							
JOB NUMBER PH- 7014		SURVEY NUMBER T- TP-00262		DATUM N. A. 1927		POSITION		LONGITUDE		METHOD AND DATE OF LOCATION (See instructions on reverse of this form)		CHARTS AFFECTED											
CHARTING NAME		DESCRIPTION		LATITUDE		LONGITUDE		FIELD INSPECTION		COMPILATION													
				D.M. METERS		D.M. METERS																	
TV TOWER	(Steel) ht = 756(800) ft.	30 25	56.05 1726	91 11	06.11 163			24 Nov 70 E(C)8468	Verified 11-01-71														
TANK (ELEV)	(Steel) ht = 120(160) ft.	30 26	05.13 158	91 10	58.92 1572			"	"														
TV TOWER	(Steel) ht = 420(460) ft.	30 26	35.24 1085	91 10	54.94 1466			"	"														
TANK (ELEV)	(Steel) ht = 140(165) ft.	30 26	12.89 397	91 12	12.48 333			"	"														
STANDPIPE	Baton Rouge, Standpipe 1929 (Steel) ht = 80(100) ft.	30 26	50.56 1557	91 11	21.80 582			"	"														
CH SPIRE	St. Josephs Catholic Church, Spire 1929 (Conc.) ht=81(111)	30 27	05.55 171	91 11	12.57 335			"	"														
RADIO TOWER (EAST OF FOUR)	(Steel) ht = 140(165) ft.	30 28	08.02 247	91 12	20.24 540			24 Nov 70 E(C) 8470	"														
STACK	(Steel) ht = 200(250) ft.	30 28	29.39 905	91 11	08.47 226			"	"														
TANK (ELEV)	(Steel) ht = 130(180) ft.	30 29	20.94 645	91 12	22.57 602			24 Nov 70 E(C) 8472	"														
TOWER	Supports overhead power cable (Steel) ht = 490(820) ft.	30 29	29.39 905	91 12	09.79 261			"	"														

RESPONSIBLE PERSONNEL		TITLE	
TYPE OF ACTION	NAME		
1. Objects inspected from seaward		<input type="checkbox"/> FIELD INSPECTOR	<input type="checkbox"/> FIELD EDITOR
2. Positions determined and/or verified	Richard A. Whitney	FIELD INSPECTOR	FIELD EDITOR
3. Forms originated by Quality Control and Review Group and final review activities		COMPILER	<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

### INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control. -

#### COLUMN TITLE

#### TYPE OF ENTRIES

COMPILATION  
Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

#### FIELD INSPECTION AND FIELD EDIT

1. New Position Determined—Enter the applicable data by symbols as indicated below:

##### F - Field

1. Triangulation
2. Traverse
3. Intersection
4. Resection

##### P - Photogrammetric

1. Field identified
2. Theodolite
3. Planetable
4. Sextant

#### EXAMPLES:

F. 3.c

P. 2

Immediately beneath the data described above, enter the following:

- a. For 'Field Positions' enter the date of location.
- b. For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered - Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified - Enter 'Verif. mo/day/yr.'

[illegible]

RESPONSIBLE PERSONNEL		TITLE	
TYPE OF ACTION	NAME		
1. Objects inspected from seaward		<input type="checkbox"/> FIELD INSPECTOR <input type="checkbox"/> FIELD EDITOR	
2. Positions determined and/or verified		FIELD INSPECTOR	
	Richard A. Whitney	FIELD EDITOR	
3. Forms originated by Quality Control and Review Group and final review activities		COMPILER	<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

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1. Triangulation
2. Traverse
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4. Sextant

F. 3.c

P. 2

- a. Theodolite
- b. Planetable
- c. Sextant

Immediately beneath the data described above, enter the following:

- a. For 'Field Positions' enter the date of location.
- b. For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered — Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified — Enter 'Verif. mo/day/yr.'

U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION												
NONFLOATING AIDS <del>OR</del> <b>CHARTS</b> FOR CHARTS												
NOAA FORM 76-40 (2-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 64.		ORIGINATING LOCATION ROCKVILLE, MARYLAND		DATE Nov. 22, 1971		ORIGINATING ACTIVITY <input type="checkbox"/> FIELD INSPECTION <input checked="" type="checkbox"/> FIELD EDIT <input checked="" type="checkbox"/> COMPILATION <input type="checkbox"/> FINAL REVIEW <input type="checkbox"/> QUALITY CONTROL AND REVIEW (See reverse for responsible personnel)						
The following objects have (have not) been inspected from seaward to determine their value as landmarks:												
CHARTING NAME	JOB NUMBER PH- 7014	STATE: LOUISIANA	SURVEY NUMBER T - TP- 00262	DESCRIPTION	DATUM N. A. 1927			METHOD AND DATE OF LOCATION (See instructions on reverse of this form)			CHARTS AFFECTED	
					LATITUDE		LONGITUDE		FIELD INSPECTION	COMPILATION		FIELD EDIT
					0 /	DM. METERS	0 /	DM. METERS				
LIGHT				GARTNESS LIGHT 227.8	30 25	6.82 210	91 11	46.84 1250	24 Nov 70 E (C) 8478	Verified 11-1-71		
LIGHT				PORT ALLEN LOCK LIGHT	30 25	42.15 1298	91 12	12.29 328	"	"		
LIGHT				SUNRISE LIGHT	30 29	5.46 168	91 12	6.22 166	24 Nov 70 E (C) 8472	"		
LIGHT				SOLVAY WHARF LIGHTS (North light)	30 29	43.81 1349	91 11	36.00 947		P. 1. 11-01-71 70E(C) 8472		
LIGHT				SOLVAY WHARF LIGHTS (South light)	30 29	37.83 1165	91 11	36.18 965		"		
LIGHT				KALCO LIGHTS (North light)	30 30	21.69 668	91 11	41.10 1096		P. 1. 10-25-71 70E(C) 8472		
LIGHT				KALCO LIGHTS (South light)	30 30	13.70 422	91 11	41.40 1105		"		
LIGHT				IDEAL CEMENT CO. DOCK LIGHTS (North light)	30 30	34.97 1077	91 11	41.27 1119		P. 1. 10-25-71 70E(C) 8474		
LIGHT				IDEAL CEMENT CO. DOCK LIGHTS (South light)	30 30	30.85 950	91 11	41.25 1100		"		
LIGHT				CONSOLIDATED CHEMICAL CONSTRUCTION LIGHTS (N. light)	30 30	45.20 1392	91 11	42.57 1135		"		

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
1. Objects inspected from seaward	
2. Positions determined and/or verified	Richard A. Whitney
3. Forms originated by Quality Control and Review Group and final review activities	

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control.

COLUMN TITLE

TYPE OF ENTRIES

COMPILATION

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

FIELD INSPECTION AND

FIELD EDIT

1. New Position Determined—Enter the applicable data by symbols as indicated below:

F — Field

P — Photogrammetric

EXAMPLES:

1. Triangulation
2. Traverse
3. Intersection
4. Resection

1. Field identified
2. Theodolite
3. Planetable
4. Sextant

F. 3.c

P. 2

- a. Theodolite
- b. Planetable
- c. Sextant

Immediately beneath the data described above, enter the following:

- a. For 'Field Positions' enter the date of location.
- b. For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered — Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified — Enter 'Verif. mo/day/yr.'

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
1. Objects inspected from seaward	
2. Positions determined and/or verified	Richard A. Whitney
3. Forms originated by Quality Control and Review Group and final review activities	

### INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control. -

#### COLUMN TITLE

#### TYPE OF ENTRIES

#### COMPILATION

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

#### FIELD INSPECTION

1. New Position Determined—Enter the applicable data by symbols as indicated below:

#### FIELD EDIT

##### F -- Field

##### P -- Photogrammetric

##### EXAMPLES:

1. Triangulation
2. Traverse
3. Intersection
4. Resection

1. Field identified
2. Theodolite
3. Planetable
4. Sextant

F. 3.c  
P. 2

- a. Theodolite
- b. Planetable
- c. Sextant

Immediately beneath the data described above, enter the following:

a. For 'Field Positions' enter the date of location.

b. For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered -- Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified -- Enter 'Verif. mo/day/yr.'

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
1. Objects inspected from seaward	Richard A. Whitney
2. Positions determined and/or verified	
	Richard A. Whitney
3. Forms originated by Quality Control and Review Group and final review activities	

### INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control.

#### COLUMN TITLE

#### TYPE OF ENTRIES

#### COMPILATION

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

#### FIELD INSPECTION AND

1. New Position Determined—Enter the applicable data by symbols as indicated below:

#### FIELD EDIT

##### F - Field

1. Triangulation
2. Traverse
3. Intersection
4. Resection

##### P - Photogrammetric

1. Field identified
2. Theodolite
3. Plane table
4. Sextant

#### EXAMPLES:

F. 3.c

P. 2

Immediately beneath the data described above, enter the following:

- a. For 'Field Positions' enter the date of location.
- b. For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered - Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified - Enter 'Verif. mo/day/yr.'

REVIEW REPORT TP-00262

CHART TOPOGRAPHY

December 6, 1971

61. GENERAL STATEMENT:

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, pages 24 through 26, with differences noted in Item 63, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

None available.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangles BATON ROUGE, WEST, LA. and SCOTLANDVILLE, LA., both 1:24,000 scale, and both dated 1963. Shoreline differences between these maps and TP-00262 are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

There were no hydrographic surveys contemporary with TP-00262 available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

Not applicable.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with Job Instructions, Bureau requirements, and the National Standards for Map Accuracy. No accuracy tests were run in the field.

Reviewed by:

*Charles H. Bishop*

Charles H. Bishop  
Cartographer  
December 6, 1971

Approved for forwarding:

*Melvin J. Umbach*  
Melvin J. Umbach, CDR, NOAA  
Chief, Photogrammetry Division, AMC

Approved:

*Alfred C. Holmes*  
Alfred C. Holmes, RADM, NOAA  
Director, Atlantic Marine Center

Approved:

*Charles L. Latham*      *Jack E. Luth*  
Chief, Photogrammetric Branch      Chief, Coastal Mapping Division

Turning  
Basin

Baton  
Rouge Harbor

30°33'

COMPARISON PRINT

Brown = U.S.G.S.

Sludge  
Disposal

32'

Rk  
Foul  
BEN FURMAN  
LIGHT 1971

SCOTTS BLUFF  
WATERTANK 1929  
(Steel) at 106 (190) Ft

SCOTT  
1929

State 408

FREE NEGRO  
POINT LIGHT 1971

SCOTT  
BLUFF  
LIGHT 1971

Settling  
Basin

30°31'

CONSOLIDATED  
CHEMICAL  
OBSTRUCTION  
LIGHTS 1971

Subm pipeline  
12'

FREE NEGRO POINT

91° 13'

91° 11'

KANSAS CITY SOUTHERN RR

CO. DOCK  
LIGHTS 1971

STACK 1971  
(Concrete) ht = 210 (265) ft

U.S. 130

KALCO  
LIGHTS 1971

RADIO TOWER 1971  
W.L.A. - 1550  
ht = 140 (170) ft

COMPARISON PRINT  
Brown = U.S.G.S.

SOLVAY WHARF  
LIGHTS 1971

TOWER 1971  
(steel) ht = 490 (520) ft  
Poplar Grove Plantation

TANK (ELEV) 1971  
(steel) ht = 130 (180) ft

TOWER 1971  
(steel) ht = 490 (530) ft  
TANK (ELEV) 1971  
(steel) ht = 116 (240) ft

SUNRISE LIGHT 1971

Anchorage

Sunrise

Tanks

Radio  
Towers

RADIO TOWER 1971  
(EAST OF FOUR)  
(steel) ht = 140 (165) ft

30° 30'

29'

STACK 1971  
(steel) ht = 200

U.S. 61

BABIN 1929

30° 28'

29° 13'

12'

29° 11'

PORT ALLEN

State 76

30°27'

Port Allen  
Landing

NUMEROUS LIGN LINES  
AND PIPELINES  
NO. 20-23-24-25

R

E

R

BATON ROUGE  
STATE CAPITOL  
CUPOLA 1935  
ht=455 (520)

BATON ROUGE  
ST. JOSEPHS  
CATHOLIC CHURCH  
(Concrete) ht 81 (111) ft

BATON ROUGE  
STANDPIPE 1929  
(steel) ht=80 (100) ft

TV TOWER  
(Steel) ht

Municipal  
Dock

TANK (ELEV) 1971  
(Steel) ht 140 (163) ft

TANK

Greater Baton Rouge  
Port

Port Allen  
Lock

Balotin locks

PORT ALLEN LOCK  
LIGHT 1971

Dolls

ILLINOIS  
CENTRAL RR

State 81

CORPORATION CANAL

TANK (ELEV)  
(Steel) ht 12  
26'

TV TOWER 1971  
Steel, ht 75 (800)

GARTNESS  
LIGHT 1971

COMPARISON PRINT  
Brown = U. S. G. S.

91°13'

12'

(JOINS BP-80345)

91°11'

30°25'