

TP-00042

TP-00042

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline

Job No. PH-6902 Map No. TP-00042

Classification No.

Edition No. 1

Field Edited

LOCALITY

State Mississippi - Louisiana

General Locality Lake Borgne

Locality Bayou Bienvenue

19 69 TO 19 73

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

DESCRIPTIVE REPORT - DATA RECORD

1

TP-00042

PROJECT NO. (II):

PH-6902

FIELD OFFICE (III):

None

CHIEF OF PARTY

PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center - Norfolk, VA

OFFICER-IN-CHARGE

Alfred C. Holmes - Director, AMC

INSTRUCTIONS DATED (II) (III):

Office - Aerotriangulation - June 13, 1969

Office - Compilation - July 25, 1969

Office Amendment I - Oct. 6, 1969

Office Amendment 2 - Dec. 11, 1969

Office Supplement I - May 13, 1970

Field - April 28, 1969

Field - Supplement I - Oct. 7, 1969

Field - Post Compilation - April 6, 1970

F & O - Review of Instructions - June 20, 1972

METHOD OF COMPILATION (III):

Wild B-8 Stereoplotter

MANUSCRIPT SCALE (III):

1:20,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:30,000 Pantographed to 1:20,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

GEOGRAPHIC DATUM (III):

N.A. 1927

VERTICAL DATUM (III):

MEAN High Water 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

REFERENCE STATION (III):

FOLGER, 1966

LAT.:

30°02' 07.02613" (216.3M)

LONG.:

89°54' 34.18909" (916.0M)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

500,489.08 Ft.

x = 2,450,527.69 Ft.

Louisiana

South

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE,
OR (IV) WASHINGTON OFFICE.

WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.

DESCRIPTIVE REPORT - DATA RECORD
TP-00042

2

FIELD INSPECTION BY (II): None		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation - Nov. 15, 1969, Date of Photography.		
PROJECTION AND GRIDS RULED BY (IV): Coradomat Auto Plotter		DATE
PROJECTION AND GRIDS CHECKED BY (IV): Coradomat Auto Plotter		DATE
CONTROL PLOTTED BY (III): Aerotriangulation - Coradomat Auto Plotter Triangulation - A.L. Shands		DATE Dec. 14, 1970
CONTROL CHECKED BY (III): Aerotriangulation - Coradomat Auto Plotter Triangulation - B. Barge		DATE Dec. 14, 1970
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): Donald M. Brant		DATE April, 1970
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY B.L. Barge A.L. Shands	DATE May 14, 1970 May 14, 1970
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): A.L. Shands Reviewed By B. Wilson		DATE Dec. 15, 1970 Dec 29, 1970
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Frank Margiotta		DATE Jan. 30, 1974
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD
 TP-00042

3

CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "L"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
69E(C)3259	Nov. 15, 1969	10:39 CST	1:40,000	1.0 ft. above MLW
69E(C)3360 & 3361	Nov. 15, 1969	12:18 CST	1:40,000	0.0 ft. at MLW
69 M 122 thru 125	Nov. 15, 1969	1:09 CST	1:60,000	0.1 ft. below MLW

Predicted

TIDE (III)

Diurnal

		RATIO OF RANGES	MEAN RANGE	SCALE RANGE
REFERENCE STATION:	Pensacola, Florida			1.3
SUBORDINATE STATION:	Long Pt., Lake Borgne, LA			1.3
SUBORDINATE STATION:				
Atlantic Marine Center REVIEW BY (IV):		DATE:		
C.H. Bishop		March, 1974		
PROOF EDIT BY (IV):		DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	2	RECOVERED:	IDENTIFIED:	
		2	2	
NUMBER OF BM(S) SEARCHED FOR (II):	0	RECOVERED:	IDENTIFIED	
		0	0	
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):				
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):				

REMARKS:

*Bridging Photos.

HISTORY OF FIELD OPERATIONS TP 00042

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Richard D. Olson	Feb 73
2. HORIZONTAL CONTROL	RECOVERED BY Richard D. Olson ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY N.A.	1972-73
3. VERTICAL CONTROL	RECOVERED BY N.A. ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY Richard D. Olson LOCATED (Field Methods) BY Richard D. Olson IDENTIFIED BY Richard D. Olson	Jan 73 Jan 73 Jan 73
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input checked="" type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION BY Carl V. Ullman	Jan 12, 73
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY Richard D. Olson	Nov-Jan 73
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
N.A.		N.A.	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

69 E(c) 3258, 3259

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED two powerline Towers -
Miss. Gulf Outlet Canal, Lt 116, Lt 117, Lt 119, Lt 120
and Junction Lt.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
69E(c)3259	All mentioned in #4 above.		

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-00042

COMPILATION RECORD

COMPLETION DATE

REMARKS

Compilation Complete Pending Field Edit.	Dec., 1970	Superseded
Field Edit applied Compilation Complete	May, 1973	Superseded
Final Review	March, 1974	

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT TP-00042

This 1:20,000 scale shoreline manuscript is one of 16 maps that comprise Project PH-6902, Lake Borgne, MISS - LA. The project diagram shows the location of this map in the project.

Field work prior to compilation was limited to recovery, identification, and premarking of horizontal control required for bridging.

Compilation was by Wild B-8, using 1:60,000 scale panchromatic photography. Common pass points were transferred to 1:20,000 scale ratio prints of 1:40,000 scale color photography which were used for field edit and hydro-support.

Field edit was done in conjunction with hydrography in January and February, 1973.

Final review was done at the Atlantic Marine Center in March, 1974.

The original manuscript was a stabilene sheet 10 minutes in latitude by 10 minutes in longitude.

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

FIELD INSPECTION REPORT

PH - 6902

TP-00042

There was no field inspection prior to compilation.

Shoreline Mapping, Lake Bergne, La.

FIELD

JOB PH-6902

Premark was done in accordance with Instructions received 29 April, 1969.

All stations were premarked using panel array no. 2.

MILT, 1969 was established in target area no. 4 on flight line 30-1. Permission to establish MILT, 1969 as third-order was obtained from C-1413.

Photography was completed on 3 June 1969.

Respectfully Submitted,

Dale M. Fuller

Dale M. Fuller

Photo Party 61

Pass Christian, Miss

FIELD REPORT PH-6902

PREMARKING HORIZONTAL CONTROL STATIONS

In accordance with Instructions--FIELD--SUPPLEMENT I--Shoreline Mapping, Lake Borgne, Louisiana, received October 7, 1969, reference C1413, 24 triangulation stations were premarked. Revised Horizontal Control Diagram dated October 17, 1969, called for 14 stations to be premarked for 1:60,000 scale photography and 10 to be premarked for 1:20,000 scale photography. These requirements were fulfilled, the only deviation being station VIOLET 2, 1966, which was substituted for MARTELLO, 1966. It is thought, however, that due to the shape of the building known as Martello Castle and the placement of the station disk on a corner of the wall it may prove useful as control if needed. A reading of the station description and a look at the building on the photograph will shed further light on this thought.

Stations were marked with white polyethylene plastic sheeting. All panels placed of the station marks or used as substations are square. Those used for the 1:60,000 scale photography are 10 feet square; the 1:20,000's are 3 feet square. Where practical, 3 runners were used as wing panels and these are shown in their approximate relations to the center square on the Form 152, CSI card, submitted for each station. The wing panels are approximately 4.7 feet wide by 30 feet long for the 1:60,000 photography and 2 feet by 12 feet for the 1:20,000.

Paragraph 5 of the Supplemental Instructions called for premarking of previously monumented topographic stations along the north shore of Mississippi Sound and Lake Borgne from Pass Christian (Map TP-00039) southwestward to Alligator Point (Map TP-00043). This involved 47 stations. Descriptions were not available for approximately 30 percent, but all marks were searched for and reported on Form 524. ^{Twelve} stations were recovered and premarked. Form 152, CSI cards, are submitted for these in addition to Form 524.

These stations were premarked for 1:40,000 scale photography. All were marked by placing a 5-foot square panel over the station mark with wing panels as shown in the sketches--generally 3 runners 3.5 or 4 feet wide by 20 feet long.

It is not known exactly when the photographs were taken. We were in the process of premarking the topographic stations until Monday noon, November 17th. Station BASE 1950 (TP-00037) was marked on that date

2.

and it is understood that the photo mission had left the area by then. Four stations were marked Friday, November 14th. They are ARCH, BANK, STAR, and CELL, and are in Maps TP-00036, 00037 and 00039.

It is respectfully suggested and urgently requested that on future projects of this nature the Chief of Photo Mission be required to contact the Photo Field Party prior to photography. This would seem to be a reasonable courtesy and prove helpful to all concerned. Targets are often placed at stations as much as a month prior to photography. These should be checked immediately before photography as they are subject to vandalism and damage by the elements.

Submitted 11/25/69

William H. Shearouse,
Chief, Photo Party 60

Photogrammetric Plot Report
Job PH-6902
Lake Borgne, La.-Miss.

April 1970

21.. Area Covered

This report covers the area of Lake Borgne. Included are nine (9) 1:20,000 sheets TP-00040, TP-00042 thru TP-00049 and three (3) 1:10,000 sheets TP-00041, TP-00178 and TP-00179.

22. Method

Six (6) strips of 1:60,000 scale photographs were bridged by analytical and four (4) strips of 1:20,000 scale photographs were bridged by analog aerotriangulation methods.

The attached sketch of the strips bridged shows the placement of triangulation used in the strip adjustments. A list of closures to control is part of this report.

Positions for all bridge points have been submitted for each strip. All pass points, control and topographic stations have been plotted on the manuscripts by the Coradi, on the Louisiana South Zone plane coordinate system.

In order to compile sheets TP-00041 and TP-000178 at 1:10,000 scale it will be necessary to locate compilation points from Strip 5, 1:60,000 scale, to the 1:40,000 scale color photographs 69-E(C)-3376 thru 3380. Color diapositives and contact printons will be sent of the above photographs. These are the only 1:40,000 scale plates needed for this job.

All topographic stations recovered and panelled by the field party that fall within the project limits have been located by the bridge.

23. Adequacy of Control

All horizontal control was premarked and was adequate to control 1:60,000 scale strips. Along with horizontal control numerous tie points were used to control the 1:20,000 strips.

-2-

25. Photography

The definition and quality of the RC-9 "M" camera panchromatic photography was poor. The photographs were very dark, especially along the edges and numerous sun spots made definition of detail rather doubtful in many instances.

The quality of the 1:20,000 scale "S" and "E" cameras color photography was good. The 1:40,000 scale "E" camera color photography that was used mainly for ratio prints appeared to be of good quality and definition.

Respectfully submitted,



Donald M. Brant

Approved and forwarded,



Henry P. Eichert
Chief, Aerotriangulation
Section

Lake Borgne, La.-Miss.
Closures to Control (Feet)

Strip 1	x	y
Bilox Bayou 2, 1966	+1.3	-1.4
Blind A2, MK, 1966	-2.2	+5.4
John 2, 1966	+1.3	+5.6
Door Pt. 2, 1952	+1.2	+1.5
Strip 2		
Enid, 1966	-0.2	+0.8
Bilox Bayou 2, 1966	+1.6	-1.1
Sub. Sta. St. Malo, 1934	-2.5	+0.7
Hopedale 2, 1966	+1.0	-0.4
Strip 3		
Sub. Sta. Violet 2, 1966	-3.5	+3.4
*Yscloskey Gas Co. Mast, 1966	-6.1	+5.2 (0.I.)
*Miss. River Gulf Outlet Lt. 107, 1966	+7.8	-4.6 (0.I.)
*Miss. River Gulf Outlet Lt. 108, 1966	+6.7	-4.9 (0.I.)
Luce, 1934	+6.5	-1.0
*Yscloskey Munic. W.T. 1966	+0.1	-3.6 (0.I.)
Sub. Sta. St. Malo, 1934	-0.5	-2.7
Strip 4		
Hopedale 2, 1966	-0.8	-0.5
*Yscloskey Munic. W.T. 1966	-0.5	+4.2 (0.I.)
*Lt. 107	+2.9	+2.9 (0.I.)
Luce, 1934	+0.6	+2.0 (0.I.)
*Yscloskey Gas Co. Mast, 1966	+3.5	-1.3 (0.I.)
Chalmettes, 1966	+0.2	+0.9
Sub. Sta. Hopedale 2, 1966	-0.7	-0.8
*Shell Beach Radio Mast	+0.1	-5.9 (0.I.)
*Lt. 108	+4.5	+1.3 (0.I.)
Sub. Sta. Violet 2, 1966	-0.2	-2.1
*Miss. River Gulf Outlet Lt. 103, 1966	-4.6	-6.8 (0.I.)
*Miss. River Gulf Outlet Lt. 104, 1966	-2.4	-7.2 (0.I.)
Strip 5		
Chalmettes, 1966	-0.6	+0.6
*Venetian Isle W.T. 1966	+1.3	-2.5
*Venetian Isle Microwave Tower, 1966	+5.4	+6.0 (0.I.)
Rigg, 1934	-0.2	+0.4
*Tenn. Gas Pipeline Co. Radio Mast; 1959	-0.6	+4.8
Sub. Sta. Tenn. Gas Pipeline Co. Radio Mast, 1959	-0.7	+0.9
Sub. Sta. Folger, 1966	-0.4	-0.3
Sub. Sta. Venetian Isle W.T. 1966	+0.9	-0.7

	x	y
Sub. Sta. West, 1954	+0.3	-0.6
*Bay St. Louis W.T. 1931	+1.5	-5.9 (O.I.)
*Folger RM 2, 1966	-1.8	-3.5

Strip 6

*Tenn. Gas Pipeline Co. Radio Mast, 1959	+1.4	+1.4
Sub. Sta. Tenn. Gas Pipeline Co. Radio Mast, 1959	0.0	0.0
*Venetian Isle W.T. 1966	+0.8	-5.4
Sub. Sta. Venetian Isle W.T. 1966	+1.8	-1.9
Rigg	+0.1	-0.3
*Pearl RM 1, 1931	+4.2	-3.2
Sub. Sta. Folger, 1966	+0.1	-1.8
*Folger RM 2, 1966	-1.2	-2.6

Strip 7

John 2, 1966	0.0	0.0
Grand Pass 3, 1966	0.0	0.0
Enid, 1966	0.0	0.0

Strip 8

Sub. Sta. A Proctor Pt. 3, 1952	0.0	0.0
*Sub. Sta. B Proctor Pt. 3, 1952	+3.1	-1.7

Strip 9

Sub. Sta. Herbes, 1931	0.0	0.0
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Strip 10

*Pearl RM 1, 1931	+2.2	-2.1
Log, 1958	0.0	0.0
Sub. Sta. Aaron, 1935	0.0	0.0

*Stations not used in the strip adjustment.
(O.I.) Office Identified natural objects.

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- TP-00042 PROJECT NO. PH-6902 SCALE OF MAP 1:20,000 SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Pt. = 3048006 meter)	N.A. 1927 - DATUM FORWARD (BACK)
HERBES, 1931	300893 1043	NA 1927	30° 09' 16.93300"	521.4	(1326.1)
	300893	NA	89° 51' 21.84300"	584.5	(1021.1)
PONTCHARTRAIN, 1931	1048	1927	30° 04' 31.577"	972.3	(875.2)
	300893	1927	89° 56' 37.734"	1010.6	(596.3)
FOLGER, 1966	300893 1094	NA 1927	30° 02' 07.02613"	216.3	(1631.2)
	300893	1927	89° 54' 34.18909"	916.0	(691.6)
MICHOUD, NASA WATER TANK, 1966	300893	NA	30° 01' 20.543"	632.5	(1214.9)
	P. 1096	1927	89° 55' 01.455"	39.0	(1568.8)
MICHOUD, PUBLIC SERVICE CO. WATER TANK, 1966.	300893 P. 1098	NA 1927	30° 00' 26.045"	802.0	(1045.5)
	300893	1927	89° 56' 14.329"	384.0	(1224.0)
MICHOUD, RADIO STATION KKS 460 MAST, 1966.	300893 P. 1097	NA 1927	30° 00' 27.432"	844.7	(1002.8)
	300893	1927	89° 56' 10.463"	280.4	(1327.6)
MICHOUD SOUTHERN BELL TEL. CO. MICROWAVE TOWER, 1966.	300893 P. 1095	NA 1927	30° 02' 10.530"	324.2	(1523.2)
	Field Comp.	1927	89° 54' 33.921"	908.8	(698.7)
MICHOUD, NEW ORLEANS W.B. TANK, 1972		NA 1927	30° 02' 37.757"	1162.6	(684.9)
			89° 53' 41.856"	1121.4	(486.1)
COMPUTED BY A. C. Rauck, Jr.	DATE March 3, 1970	CHECKED BY R. White	DATE March 3, 1970	6	

COMPILATION REPORT

TP-00042

31. DELINEATION

This manuscript was compiled on the Wild B-8, ^{using} 1:60,000 scale "M" photography taken with Panchromatic film. Common points were dropped from the compilation photography to the 1:40,000 scale "E" photographs which were processed for hydro-support.

There was no field inspection prior to compilation.

32. CONTROL

See Photogrammetric Plot Report dated April, 1970.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline and all alongshore details were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

Three Forms 76-40 were submitted to the Rockville Office on March 5, 1974, Chart Letter No. 252.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Junctions are in agreement with TP-00043 to the east and TP-00047 to the south. There are no contemporary surveys to the north or west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparisons have been made with USGS quadrangles LITTLE WOODS, LA and CHEF MENTEUR, LA., scale 1:24,000, dated 1967.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 878-SC scale 1:40,000, 4th edition, dated June 27, 1970, (Corrected thru Notice to Mariners 26/70).

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARDED

None

Submitted by:

G. L. S. York

A.L. Shands
Cartographer
12/15/70

Approved, for forwarding:

J. H. Carlen

Jeffrey G. Carlen, CDR, NOAA
Chief, Coastal Mapping Division, AMC

Approved:

Alfred C. Holmes.

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

Chief - was -

Jan. 28, 1974

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6902 (Mississippi Sound, Miss.-La.)

TP-00042

Bayou, Bienvenue

Bayou Daytoe

Bayou Gentilly

Bayou Leche

Cutoff Bayou

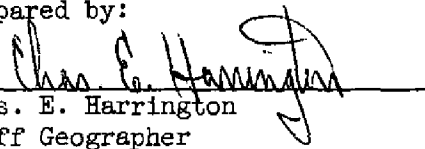
Intracoastal Waterway

Lake Borgne

Michoud Canal

Mississippi River-Gulf Outlet Canal

Prepared by:


Chas. E. Harrington
Staff Geographer

PHOTOGRAMMETRIC OFFICE REVIEW

TP-00042

21

1. PROJECTION AND GRIDS BW	2. TITLE BW	3. MANUSCRIPT NUMBERS BW	4. MANUSCRIPT SIZE BW
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) X X		7. PHOTO HYDRO STATIONS X X
8. BENCH MARKS X X	9. PLOTTING OF SEXTANT FIXES X X	10. PHOTOGRAMMETRIC PLOT REPORT BW	11. DETAIL POINTS BW
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE BW	13. LOW-WATER LINE X	14. ROCKS, SHOALS, ETC. X	15. BRIDGES BW
16. AIDS TO NAVIGATION BW	17. LANDMARKS BW	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES BW
PHYSICAL FEATURES			
20. WATER FEATURES BW	21. NATURAL GROUND COVER X		22. PLANETABLE CONTOURS X X
23. STEREOSCOPIC INSTRUMENT CONTOURS X X	24. CONTOURS IN GENERAL X X	25. SPOT ELEVATIONS X X	26. OTHER PHYSICAL FEATURES X
CULTURAL FEATURES			
27. ROADS BW	28. BUILDINGS BW	29. RAILROADS BW	30. OTHER CULTURAL FEATURES X
BOUNDARIES			
31. BOUNDARY LINES X X		32. PUBLIC LAND LINES X X	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES BW	34. JUNCTIONS BW		35. LEGIBILITY OF THE MANUSCRIPT BW
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT BW	38. FIELD INSPECTION PHOTOGRAPHS X	39. FORMS BW
40. REVIEWER B. Wilson		Date: 12/29/70 SUPERVISOR, REVIEW SECTION OR UNIT Albert C. Rauck, Jr.	
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.			
COMPILER A.L. Shands 5/25/73 Reviewer: F. Margiotta 1/30/70		SUPERVISOR Albert C. Rauck, Jr.	
43. REMARKS Field Edit Applied From: Field edit ozalid(field copy) TP-00042 and field ratio prints 69E(C)3258 & 3259			

FIELD EDIT REPORT
TP-00042
LAKE BORGNE, LOUISIANA-MISSISSIPPI
PH 6902
FEBRUARY 1973

51. METHODS

All field edit was performed in accordance with project instructions OPR468-HFP-742-72-Lake Borgne, Mississippi dated 8/9/72.

A visual inspection was made of all shoreline and alongshore features of all compiled areas of the sheet. Sextant fixes, and notes on field photos cross referenced on the field edit ozalid were used to delineate any changes to shoreline or alongshore features.

All notes on this sheet by the field editor are in violet to indicate additions and changes, and in green ink to indicate deletions.

52. ADEQUACY OF COMPILATION

Compilation was adequate considering no field inspection was performed. Marsh areas were properly compiled. Two pipeline passages have been dug since compilation. One was back-filled and leaves no canal. Railroads were correctly interpreted with the addition of 3 tracks as noted on field the field edit ozalid.

54. RECOMMENDATIONS

None.

56. GEOGRAPHIC NAMES

A complete geographic names investigation was carried out in the area. Resultant discrepancies and alterations are listed in the report by this party dated 12 January 1973.

57. LANDMARKS AND AIDS TO NAVIGATION

Three tanks and four towers of various description are recommended to be charted as landmarks. Five of these are recovered triangulation stations; two were located during compilation and field verified. Four were located during compilation and field verified; one was field located by sextant, and one was photo identified.

Light compiled as Lt. # 118 is a junction light and has no number.

58. ADDITIONAL INFORMATION

All times mentioned refer to Greenwich Mean Time. The field edit report for sheet TP-00048 recommended that La. Wildlife & Fisheries Commission monuments be considered for inclusion on sheets in the Lake Borgne area for future hydrographic uses. The Commission's traverse is still incomplete, rendering action on the recommendation impossible at this time.

Respectfully Submitted,



Richard D. Olson
Lt. NOAA Chief, Photo Party⁶¹

U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION										ORIGINATING ACTIVITY				
NOAA FORM 76-40 (2-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 64.										<input type="checkbox"/> FIELD INSPECTION <input 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)				
LANDMARKS FOR CHARTS										DATE				
ORIGINATING LOCATION										2/15/73				
Coastal Mapping Division, Norfolk, Va														
The following objects have been inspected from seaward to determine their value as landmarks:														
JOB NUMBER	SURVEY NUMBER		DATUM		METHOD AND DATE OF LOCATION		FIELD INSPECTION		COMPILATION		FIELD EDIT		CHARTS AFFECTED	
PH-6902	T-TP-00042		N.A.1927											
STATE: Louisiana														
CHARTING NAME	DESCRIPTION		LATITUDE		LONGITUDE		FIELD INSPECTION		COMPILATION		FIELD EDIT		CHARTS AFFECTED	
			0 /		0 /									
			D.M. METERS		D.P. METERS									
TANK	(Michoud, NASA Water Tank, 1966) ht=172 (175) Ft.		20.54389 55		01.455 39						Verified Triang. Rec. 11/7/72		878SC 1269	
TANK	(Michoud, Public Service Co. Water Tank, 1966) ht=156 (157) Ft		26.04589 56		14.329 384								878SC 1269-1271	
RADIO TOWER	(Michoud, Radio Station KKS 460 Mast, 1966) ht=407 (405) Ft.		27.43289 56		10.468 280.4									
TOWER	Overhead Cable, Steel Support Tower ht=363 (364) Ft		11.95 89 55		52.61 1410						1/10/73			
TOWER	Overhead Cable, Steel Support Tower ht=363 (364) Ft		27.01 89 55		56.51 1514.5						1/10/73			
MICRO TOWER	Michoud, Southern Bell Tel. Co. Microwave 1966 ht=163 (167) Ft.		10.53089 54		33.921 908.8						Triang. Rec. 11/22/72		878SC 1269	
TANK	(Michoud, New Orleans W.B. Tank 1972) ht=135 (138)		37.75789 53		41.856 1121.4									
* Unadjusted field position of N.G.S. party 6-20														
23														

REVIEW REPORT TP-00042

SHORELINE

MARCH 14, 1974

61. GENERAL STATEMENT:

See Summary on page six (6) of this Descriptive Report.

No comparison print was made for this map.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A registered topographic survey covering this map area was not available at the time of final review.

TP-00042 supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS quadrangles CHEF MENTEUR, LA. and LITTLE WOODS, LA., both 1:24,000 scale and both dated 1967. No significant differences with either of these maps was noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison with Lake Borgne shoreline only was made with the boat sheet for H-9354, 1:20,000 scale, dated 1973. No difference with this survey was noted.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 878-SC, 1:40,000 7th edition, dated August, 1973. A charted wreck on the south side of the Intracoastal Waterway at Lat. $30^{\circ}00.7'$, Long. $89^{\circ}54.4'$ and four dolphins on the east side of the Michoud Canal at Lat. $30^{\circ}01.5'$, Long. $89^{\circ}54.5'$ were not visible on the Photographs or located by the field editor.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with project instructions and meets the requirements for National Standards of Map Accuracy.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer

Approved for forwarding:

Jeffrey G. Carlen

Jeffrey G. Carlen, CDR, NOAA
Chief, Coastal Mapping Division, AMC

Approved:

Alfred C. Holmes

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

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division