

TP-00044

TP-00044

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-00044

Classification No. Edition No. 1

Field Edited

LOCALITY

State Mississippi - Louisiana

General Locality Lake Borgne

Locality Catfish Point

1969 TO 1972

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

DESCRIPTIVE REPORT - DATA RECORD

TP-00044

PROJECT NO. (II):

PH-6902

FIELD OFFICE (II):

Pass Christian, MS

CHIEF OF PARTY

Dale M. Fuller, Photo Party 61

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 - Apr. 28, 1969
 Field Supplement I - Oct. 7, 1969
 Field - Post Compilation - Apr, 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):

Sept. 24 1975

GEOGRAPHIC DATUM (III):

N.A. 1927

VERTICAL DATUM (III):

High Water

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):

RIGG 1934

LAT.:

30°08' 57.044"

LONG.:

89°38' 07.495"

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

543,083.81 Ft.

x = 2,536,632.60 Ft.

STATE

Louisiana

ZONE

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.

FORM C&GS-181b
(12-61)U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

TP-00044

FIELD INSPECTION BY (III): 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 Feb., 1970
PROJECTION AND GRIDS CHECKED BY (IV): Coradomat Auto Plotter		DATE Feb., 1970
CONTROL PLOTTED BY (III): Coradomat Auto Plotter Triangulation - R. White		DATE Feb., 1970 Mar., 1970
CONTROL CHECKED BY (III): Coradomat Auto Plotter Triangulation - A.C. Rauck, Jr.		DATE Feb., 1970 Mar., 1970
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):		DATE
STEREOSCOPIC INSTRUMENT COMPILATION (III): Wild B-8	PLANIMETRY L.O. Neterer, Jr. A.L. Shands & R. Pate	DATE 4/13/70 & 11/5/70 4/13/70 & 11/5/70
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): L.O. Neterer Reviewed by: C.H. Bishop		DATE 4/22/70 11/12/70
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Frank Margiotta		DATE Feb., 1974
REMARKS: Field Edti By: Richard D. Olson Jan., 1972		

DESCRIPTIVE REPORT - DATA RECORD
TP 00044

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CAMERA (KIND OR SOURCE) (iii):

Wild RC-8 "L"

PHOTOGRAPHS (iii)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
69E(C)3353	Nov. 15, 1969	12:18 CST	1:40,000	0.0 ft. at MLW
69E(C)3375	Nov. 15, 1969	12:30 CST	1:40,000	0.0 ft. at MLW
69E(C)3322 thru 3324	Nov. 15, 1969	11:43 CST	1:40,000	+0.1 ft. above MLW
*69M(P)149 thru 151	Nov. 15, 1969	1:45 CST	1:60,000	0.2 ft. below MLW
*69M(P)128 & 129	Nov. 15, 1969	1:10 CST	1:60,000	0.1 ft. below MLW
*Instrument compilation.				

Predicted TIDE (iii)

Diurnal

	RATIO OF RANGES	<u>MLT</u> RANGE	<u>Spring</u> RANGE
REFERENCE STATION: Pensacola, Florida		0.6	1.3
SUBORDINATE STATION: Long Pt., Lake Borgne, Louisiana		0.5	1.0
SUBORDINATE STATION:			

Atlantic Marine Center
WASHINGTON OFFICE REVIEW BY (iv):

C.H. Bishop

DATE:
March, 1974

PROOF EDIT BY (iv):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (iii):	6	RECOVERED: 4	IDENTIFIED: 1
NUMBER OF BM(S) SEARCHED FOR (iii):	0	RECOVERED: 0	IDENTIFIED: 0
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (iii):	6		2

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (iii): 0

REMARKS:

ESSA FORM 76-36c
(2-70)U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

HISTORY OF FIELD OPERATIONS TP 00044

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Richard D. Olson	Jan 1972
2. HORIZONTAL CONTROL	RECOVERED BY Richard D. Olson ESTABLISHED BY Richard D. Olson PRE-MARKED OR IDENTIFIED BY n.a.	Sep 1971 Dec 1971
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 none LOCATED (Field Methods) BY Richard D. Olson IDENTIFIED BY none	Dec 1971
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY Richard D. Olson	Jan 1971
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 3353

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

none

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)

Pearl River Traverse- Data to be forwarded to AMC
Photogrammetry CAM 51

TP-00044

COMPILATION RECORD

COMPLETION DATE

REMARKS

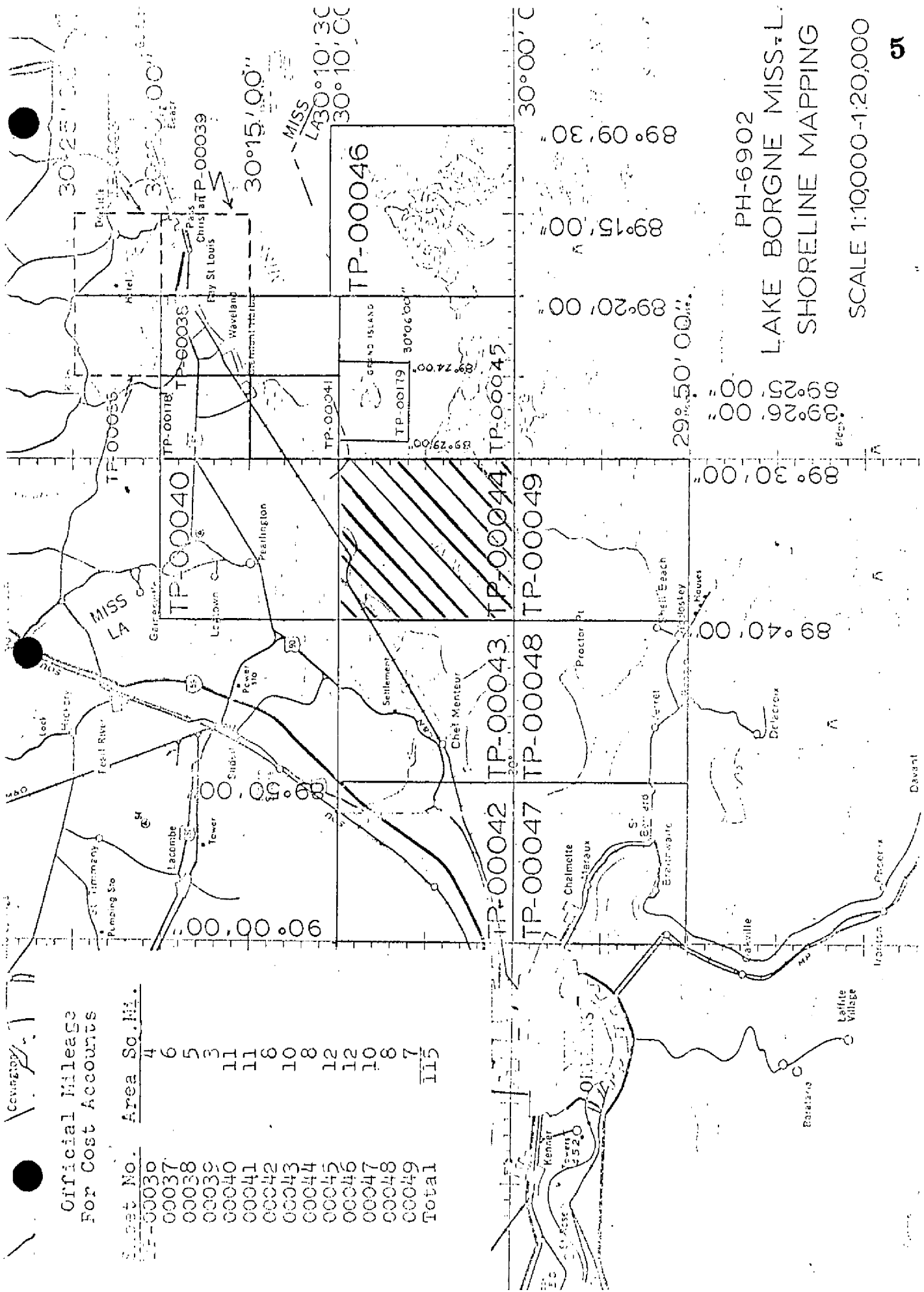
Compilation Complete Pending Field Edit	Nov. 12, 1970	Superseded
Field Edit Applied	April 5, 1972	Superseded
Final Review	March, 1974	

Coverage

Official Mileage For Cost Accounts

Sheet No. Area Sq.Mi.

00030	4
00037	6
00038	5
00039	3
00040	11
00041	11
00042	8
00043	10
00044	8
00045	12
00046	12
00047	10
00048	8
00049	7
Total	115



PH-6902
LAKE BORGNE MISS-L
SHORELINE MAPPING

SCALE 1:10000-1:20,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT TP-00044

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

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

Compilation was accomplished by using the Wild B-8 plotter with 1:60,000 scale panchromatic photographs. Ratio prints of 1:40,000 scale color photography were used to graphically supplement the instrument compilation and for photo-hydro support.

Field edit was done in conjunction with hydrography in January, 1972.

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 negative and a positive copy of the final reviewed manuscript was forwarded for record and registry.

FIELD INSPECTION REPORT

PH - 6902

TP-00044

There was no field inspection prior to compilation.

Shoreline Mapping, Lake Borgne, 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 monumental 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.

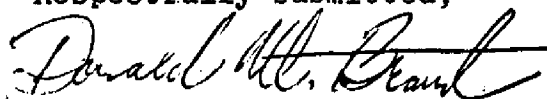
-2-

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 (O.I.)
*Miss. River Gulf Outlet Lt. 107, 1966	+7.8	-4.6 (O.I.)
*Miss. River Gulf Outlet Lt. 108, 1966	+6.7	-4.9 (O.I.)
Luce, 1934	+6.5	-1.0
*Yscloskey Munic. W.T. 1966	+0.1	-3.6 (O.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 (O.I.)
*Lt. 107	+2.9	+2.9 (O.I.)
Luce, 1934	+0.6	+2.0 (O.I.)
*Yscloskey Gas Co. Mast, 1966	+3.5	-1.3 (O.I.)
Chalmettes, 1966	+0.2	+0.9
Sub. Sta. Hopedale 2, 1966	-0.7	-0.8
*Shell Beach Radio Mast	+0.1	-5.9 (O.I.)
*Lt. 108	+4.5	+1.3 (O.I.)
Sub. Sta. Violet 2, 1966	-0.2	-2.1
*Miss. River Gulf Outlet Lt. 103, 1966	-4.6	-6.8 (O.I.)
*Miss. River Gulf Outlet Lt. 104, 1966	-2.4	-7.2 (O.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 (O.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.

MAP T. TP-00044

PROJECT NO. PH 6902

SCALE OF MAP 1:20,000

SCALE FACTOR None[illegible]

COMPILATION REPORT

TP-00044

31. DELINEATION

Planimetry was compiled by the Wild B-8, using 1:60,000 scale "M" photography taken in November, 1969. At the same time, pass points were dropped common to the 1:40,000 scale photo-hydro support color photographs taken November, 1969. Because of the poor quality of the "M" photography, the photo-hydro support photography was used to check planimetry when the map was inked.

32. CONTROL

See Photogrammetric Plot Report, dated April, 1970.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was compiled from office interpretation of the photos.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline and alongshore details were compiled from office interpretation of the photos.

36. OFFSHORE DETAILS

None, except Lights to be listed on Form 567.

37. LANDMARKS AND AIDS

Two (2) Forms 76-40 Aids to navigation for charting were sent to Rockville office Feb., 1974. *Chart Letter No. 252. year?*

'74

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions were made with TP-00040 to the North, TP-00045 to the East, TP-00049 to the South and TP-00043 to the West.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with USGS Quadrangles ALLIGATOR POINT, LA., ENGLISH LOOKOUT, LA. - MISS., FALSE MOUTH BAYOU, LA. and RIGOLETS, LA., all scale 1:24,000, all dated 1968 except ENGLISH LOOKOUT which is dated 1956.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 1268 1:80,000 scale, dated Feb. 17, 1969, 11th edition, and Chart 878-SC, 1:40,000 scale, dated August, 1970.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARDED

None.

Submitted by:

Lowell O. Neterer, Jr.

Lowell O. Neterer, Jr.
Cartographic Technician
April 22, 1970

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

Jan. 28, 1974

GEOGRAPHIC NAMES

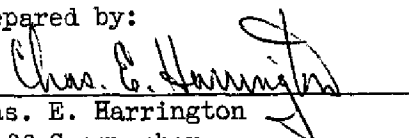
FINAL NAME SHEET

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

TP-00044

Bayou Magill
Big Deedie Lake
Blind Rigolets
Catfish Point
Counterfeit Pass
East Pass
False Mouth Bayou
Hog Island
Intracoastal Waterway
Lake Borgne
Lakes of Bayou Marron
Little Deedie Lake
Little Lake
Long Point
Louisville & Nashville (RR)
Magill Lagoon
Mosquito Inlet
Northside
Pearl River Island
Polecat Bend
Rabbit Island
Redfish Bayou
Rigolets (community)
Rigolets
St. Catherine Pass
Seven Lagoons
West Mouth

Prepared by:


Chas. E. Harrington
Staff Geographer

PHOTOGRAMMETRIC OFFICE REVIEW

TP-00044

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1. PROJECTION AND GRIDS LLG	2. TITLE LLG	3. MANUSCRIPT NUMBERS LLG	4. MANUSCRIPT SIZE LLG
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY Coradomat Auto Plotter	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) None		7. PHOTO HYDRO STATIONS None
8. BENCH MARKS None	9. PLOTTING OF SEXTANT FIXES X	10. PHOTOGRAMMETRIC PLOT REPORT CHB	11. DETAIL POINTS CHB
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE CHB	13. LOW-WATER LINE None	14. ROCKS, SHOALS, ETC. CHB	15. BRIDGES CHB
16. AIDS TO NAVIGATION CHB	17. LANDMARKS None	18. OTHER ALONGSHORE PHYSICAL FEATURES CHB	19. OTHER ALONGSHORE CULTURAL FEATURES None
PHYSICAL FEATURES			
20. WATER FEATURES CHB	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 None
CULTURAL FEATURES			
27. ROADS None	28. BUILDINGS CHB	29. RAILROADS CHB	30. OTHER CULTURAL FEATURES CHB
BOUNDARIES			
31. BOUNDARY LINES X X		32. PUBLIC LAND LINES X X	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES CHB	34. JUNCTIONS CHB		35. LEGIBILITY OF THE MANUSCRIPT CHB
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT CHB	38. FIELD INSPECTION PHOTOGRAPHS None	39. FORMS
40. REVIEWER C.H. Bishop		SUPERVISOR, REVIEW SECTION OR UNIT A.C. Rauck, Jr.	
11/12/70			
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 L.O. Neterer		4/5/72	
Reviewer: Frank Margiotta		2/8/74	
43. REMARKS Field Edit Applied From - Field Edit Ozalid & Photo 69E 3353			

FIELD EDIT REPORT
TP 00044
CAT FISH POINT
PH 6902
LAKE BORGNE, LOUISIANA - MISSISSIPPI

52. ADEQUACY OF COMPILATION

Compilation was adequate. A visual check was made of all major HWL and all delineations were correct. Two small buildings and several piers and pier ruins were noted on the Field Edit Ozalid to be mapped and are located in the Little Rigolets area. The spoil islets in the area of Lat. 30° 10' Long. 89° 37' have changed slightly and are subject to frequent small changes.

54. RECOMMENDATIONS

None.


56. GEOGRAPHIC NAMES

No Geographic Names Discrepancies were encountered during the field edit operations in this area.

57. LANDMARKS AND NONFLOATING AIDS TO NAVIGATION

There are no landmarks recommended for charting on this sheet. There are ten nonfloating aids to navigation recommended for charting. One daybeacon and one lighted aid were located by sextant fixes. All remaining aids were located by third order traverse or intersections.

Respectfully Submitted,


Richard D. Olson
LT NOAA
Chief, Photo Party 61

U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION										ORIGINATING ACTIVITY	
NONFLOATING AIDS ON FOR CHARTS										<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)	
NOAA FORM 76-40 (2-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 64.		ORIGINATING LOCATION		DATE		METHOD AND DATE OF LOCATION (See instructions on reverse of this form)				CHARTS AFFECTED	
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE DELETED		Coastal Mapping Division, Norfolk, Va		1/25/72							
The following objects have (been) been inspected from seaward to determine their value as landmarks:											
JOB NUMBER PH- 6902		SURVEY NUMBER T -		DATUM N.A.1927		POSITION		LATITUDE		LONGITUDE	
STATE: Louisiana		TP-000144						D.M. METERS		D.P. METERS	
CHARTING NAME	DESCRIPTION										
LIGHT	Lake Borgne Light 19	30 08	44.731	89 33	34.415						
			1377.4		921.0						
LIGHT	Lake Borgne Range Front Light	30 08	23.994	89 36	38.985						
			738.8		1043.4						
LIGHT	(Lake Borgne Range Rear Light)	30 08	10.237	89 38	22.353						
			315.2		598.3						
LIGHT	Rigolets Range Front Light	30 08	48.293	89 37	56.881						
			1487.0		1522.3						
LIGHT	Rigolets Range Rear Light	30 08	51.901	89 38	24.008						
			1598.1		642.5						
LIGHT	Rigolets Bridge Approach Range Front Light	30 09	41.434	89 38	32.430						
			1275.8		867.8						
LIGHT	Rigolets Bridge Approach Range Rear Light	30 09	56.895	89 39	01.453						
			1751.9		38.9						
LIGHT	Gulf Oil Pipeline Sign Light A	30 09	55.100	89 31	27.844						
			1749		745						
LIGHT	Bayou Biloxi Entrance Light 1	30 00	25.303	89 33	36.818						
			779.1		986.7						
LIGHT	East Pearl River Entrance Channel Light 1	30 09	20.782	89 31	27.629						
			639.9		739.1						

[illegible]

REVIEW REPORT TP-00044

SHORELINE

MARCH 5, 1974

61. GENERAL STATEMENT:

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

A comparison print, showing differences noted in Par. 62-65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparisons were made with copies of the following registered topographic surveys.

T-9789, T-9790 and T-9792, 1:20,000 scale, dated 1956, and T-9656, 1:20,000 scale, dated 1955.

Significant differences in the areas compared were shown in blue on the comparison print.

TP-00044 supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

This map was compared with the following 1:24,000 scale USGS quadrangles:

ENGLISH LOOKOUT, LA - MISS	dated 1956
FALSE MOUTH BAYOU, LA	dated 1968
RIGOLETS, LA	dated 1968
ALLIGATOR POINT, LA	dated 1968

The English Lookout Quadrangle is a copy of T-9790 and differences were the same. No significant differences with the quadrangles dated 1968 were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with the boat sheet for H-9261, 1:20,000 scale, dated 1971 (False Mouth Bayou area), and with the boat sheet for H-9347, 1:20,000 scale, dated 1972 (Rigolets area).

A submerged snag approximately 1100 meters SE of Long Point was not visible on Photo 69E(C)3352, taken at low water.

65. COMPARISON WITH NAUTICAL CHARTS:

The Rigolets to Pearl River area was compared with chart 878-SC, 1:40,000 scale, 7th edition dated Aug., 1973.

The False Mouth Bayou area was compared with Chart 1268, 1:80,000 scale, 15th edition, date Dec. 30, 1972.

Significant differences between these charts and TP-00044 were shown in red on the comparison print.

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

Approved:

Alfred G. Holmes

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

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

$$Y = 540,000 \text{ FT.}$$

COMPARISON PRINT

Blue = T-9789

TP-00044
1:20,000

38'

 $\lambda=2,540,000\text{FT.}$

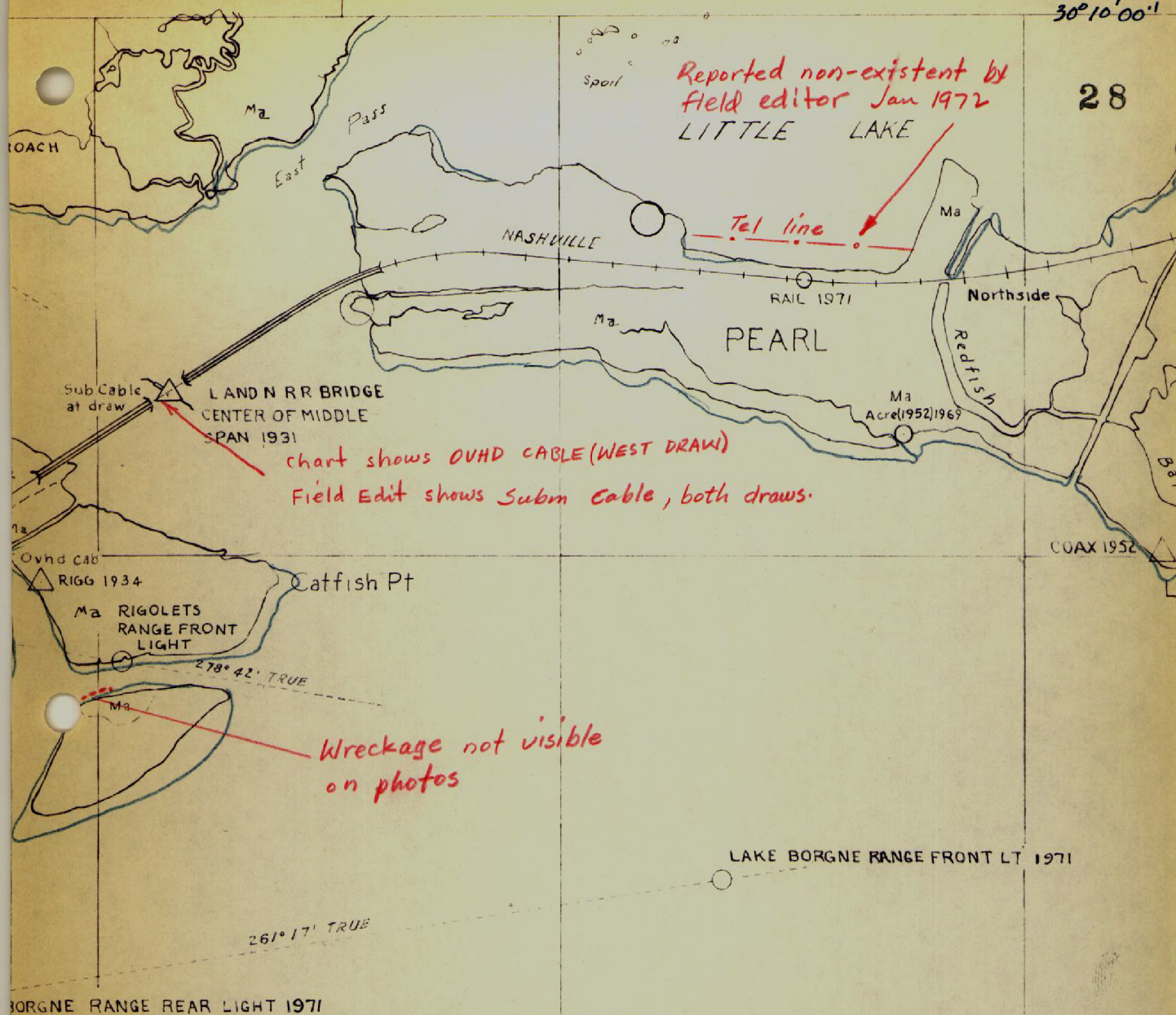
89°37'

36'

 $\lambda=2,540,000\text{FT.}$

30°10'00"

28



COMPARISON PRINT

Blue = T-9789 & T-9790
Red = Chart 878 SC

TP-000 44
1:20,000

50,000FT.

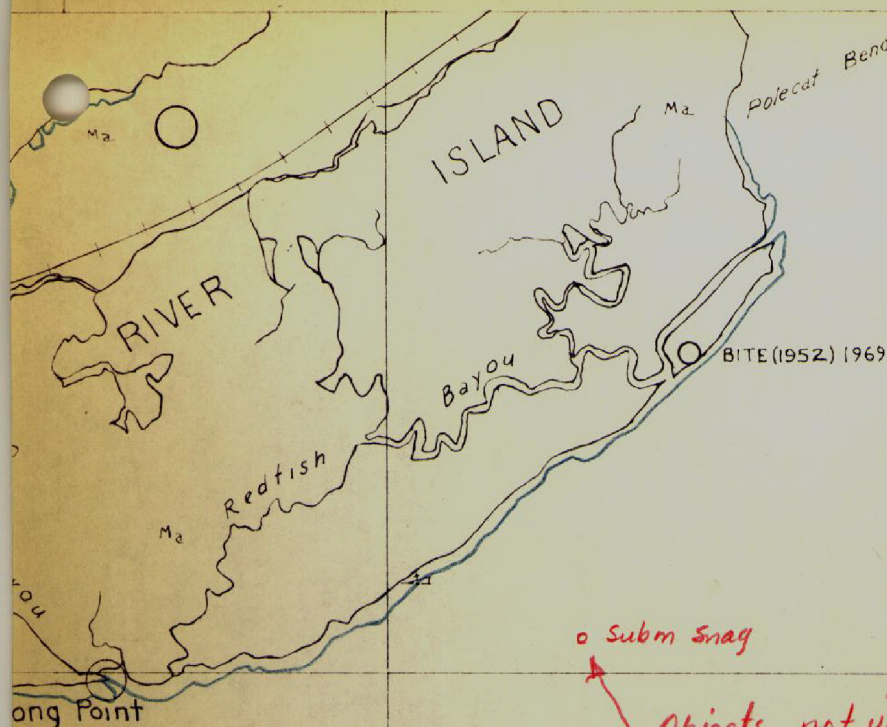
35'

JOINS TP-00040

89° 34' χ = 2,560,000FT.

30° 10' 00"

29



o Subm Snag

Objects not visible
on LW photos

o Subm Snag
Also on chart

Obstr rep. PA
Not visible on → ()
photos

o LAKE BORGNE LIG

69-E(c) 3375



08'

COMPARISON PRINT

Blue = T-9790
Red = Chart 878 SC
Purple = H-9347

TP-00044
1:20,000

32'

X=2,570,000 FT.

31'

89° 30' 00"

N

30° 10' 00"

Y=550,000

○ GULF OIL PIPELINE
SIGN LIGHT A 1972

○ EAST PEARL RIVER ENTRANCE
CHANNEL DAYBEACON 5 1972

▲ Daybn 3

○ EAST PEARL RIVER ENTRANCE
CHANNEL DAYBEACON 3 1972

○ EAST PEARL RIVER ENTRANCE
CHANNEL LIGHT 1 1971

Apparently changed
since Field Edit
location in Jan. 1972

30

Sign

Subm piling

Piling

Not visible on photos
taken at LW

09'

Y=540,000

08'

COMPARISON PRINT

Red = Chart 878 SC

TP-00044
1:20,000

30°02'



69-E(C)-3323

COMPARISON PRINT

Blue = T-9656

Red = Chart 1268

69-E(C)-3322



00049

34'

X=2,560,000 FT.

89°33'

30°00'00"

32

- A Recoverable horizontal control station of third-order
 B Recoverable horizontal control station of less than
 The light shoreline defines the outer limits of vegetation
 approximate mean high water
 The heavy shoreline defines the approximate mean
 Compiled by photogrammetric methods, from aerial
 Date of Photography Nov 1969
 Date of Field Inspection None
 Date of Field Edit Jan 1972
 Date of Final Compilation April 1972
 Date of Final Review March 1974

TP-000 44

1:20,000

32

COMPARISON PRINT

Blue = T-9656

02'

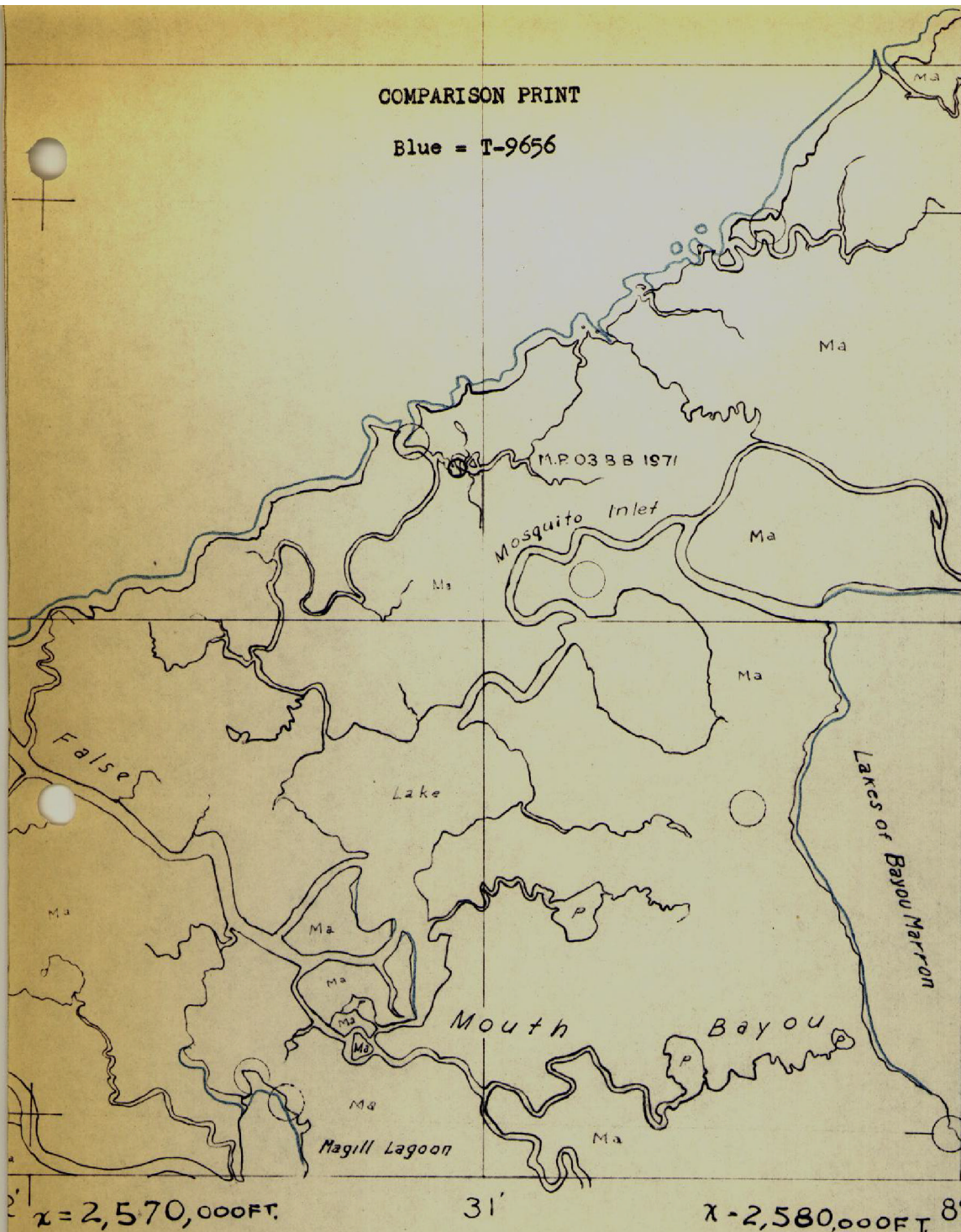
Y=500,000 FT.

01'

Y=490,000 FT.

30°00'00"

89°30'00"



or higher accuracy
third order accuracy
station visible above

high water.
al photographs

NATIONAL OCEAN SURVEY
SHORELINE MANUSCRIPT
TP-00044
MISSISSIPPI-LOUISIANA
LAKE BORGNE
CATFISH POINT

SCALE 1:20,000

(1 inch = 1666.67 ft)

CONTROL DATA

Polyconic projection: 1927 North American Datum

10,000 foot grid based on Louisiana (South Zone) plane coordinate system

Datum plane: Mean High Water

TP-00044