

TP-00048

TP-00048

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey ShorelineJob No. PH-6902 Map No. TP-00048Classification No. Edition No. 1

Field Edited

LOCALITY

State Mississippi - LouisianaGeneral Locality Lake BorgneLocality Proctor Point1969 TO 1971

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

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

DESCRIPTIVE REPORT - DATA RECORD

TP-00048

PROJECT NO. (II):

PH-6902

FIELD OFFICE (II):

CHIEF OF PARTY

PHOTOGRAMMETRIC OFFICE (III):

OFFICER-IN-CHARGE

Atlantic Marine Center - Norfolk, VA

Alfred C. Holmes - Director

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, 1969
 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):

NA 1927

VERTICAL DATUM (III):

MEAN ~~SEA~~ ^{High Water} 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 low water~~

REFERENCE STATION (III):

PROCTOR POINT 4, 1966

LAT.: 29°57' 26.12570
(804.4 M.)LONG.: 89°43' 40.40960
(1083.6 M.)☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

472,876.72 Ft. x = 2,508,384.93 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
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FIELD INSPECTION BY (I): 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): Coradomat Auto Plotter		DATE
CONTROL CHECKED BY (III): Coradomat Auto Plotter		DATE
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):		DATE
STEREOSCOPIC INSTRUMENT COMPILATION (III): Photo Hydro Points Dropped By B-8 Compilation By Graphic Methods	PLANIMETRY R. White Reviewed by: A.L. Shands	DATE 12/8/70 12/8/70
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): R. White Reviewed by: R. Pate		DATE 12/15/70 12/70
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Frank Margiotta		DATE Feb., 1974
REMARKS: Field Edit By: Richard D. Olson Oct., 1971 Arthur R. Bricknell Oct., 1971		

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS TP-00048

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	W. H. Shearouse	
2. HORIZONTAL CONTROL	RECOVERED BY W. H. Shearouse ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	Nov & Dec 1969
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	Same
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	
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	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	None

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
	PROCTOR POINT 3, 1952 (Premark not found on photos)		
69S(0) 9066	PROCTOR POINT 3, 1952 (Identified by D. M. Fuller 2/9/70)		
69M160 & 174	LUCE 1934		

3. PHOTO NUMBERS (Clarification of details)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

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

HISTORY OF FIELD OPERATIONS TP 00048

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Richard D. Olson	October 71
2. HORIZONTAL CONTROL	Arthur R. Bricknell	October 71
RECOVERED BY		
ESTABLISHED BY		
PRE-MARKED OR IDENTIFIED BY	N.A.	
3. VERTICAL CONTROL	N.A.	
RECOVERED BY	N.A.	
ESTABLISHED BY	N.A.	
PRE-MARKED OR IDENTIFIED BY	N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	Arthur R. Bricknell	October 71
RECOVERED (Triangulation Stations) BY	Arthur R. Bricknell	October 71
LOCATED (Field Methods) BY	Richard D. Olson	October 71
IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION		
TYPE OF INVESTIGATION		
<input type="checkbox"/> COMPLETE		
<input type="checkbox"/> SPECIFIC NAMES ONLY		
<input checked="" type="checkbox"/> NO INVESTIGATION	N.A.	
6. PHOTO INSPECTION	R. D. Olson	October 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)

Office copies (controlled photos) as follows: 69S(c)9064, 9065
69E(c)3270, 3273

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Bayou Yscloskey Light #2

Bayou Dupre Light #1

" " Daybeacon #4

" " Daybeacon #5

Daybeacon #'s 2, 3, 4, 5
(by sextant location)

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
69 E 3269	Bayou Dupre Light #1		
	Bayou Yscloskey Light #2		
69 E 3273	" " Daybeacon #4		
	" " Daybeacon #5		

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)

One film ozalid of TP 00048 containing plots of all 3-point fixes
used for field edit of this sheet.

DESCRIPTIVE REPORT - DATA RECORD
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CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "L"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME (CST)	SCALE	STAGE OF TIDE
69E(C)3253 thru 3254	15 Nov. 1969	10:40	1:40,000	1.0' above MLW
69E(C)3268 thru 3274	15 Nov. 1969	11:01	1:40,000	0.9' above MLW
69S(C)9060 thru 9065	15 Nov. 1969	09:16	1:20,000	1.4' above MLW
*69M(P)159 thru 162	15 Nov. 1969	14:02	1:60,000	0.2 ft. above MLW

* Instrument models

TIDE (III)

Diurnal

		RATIO OF RANGES	MEAN Tide Level	OF RANGES RANGE
REFERENCE STATION:	Pensacola, Florida		0.6	1.3
SUBORDINATE STATION:	Shell Beach, LA		0.6	1.3
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):	10	RECOVERED:	8	IDENTIFIED:	2
NUMBER OF BM(S) SEARCHED FOR (III):	0	RECOVERED:	0	IDENTIFIED:	0
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):					
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):					

REMARKS:

TP-00048

COMPILATION RECORD

COMPLETION DATE

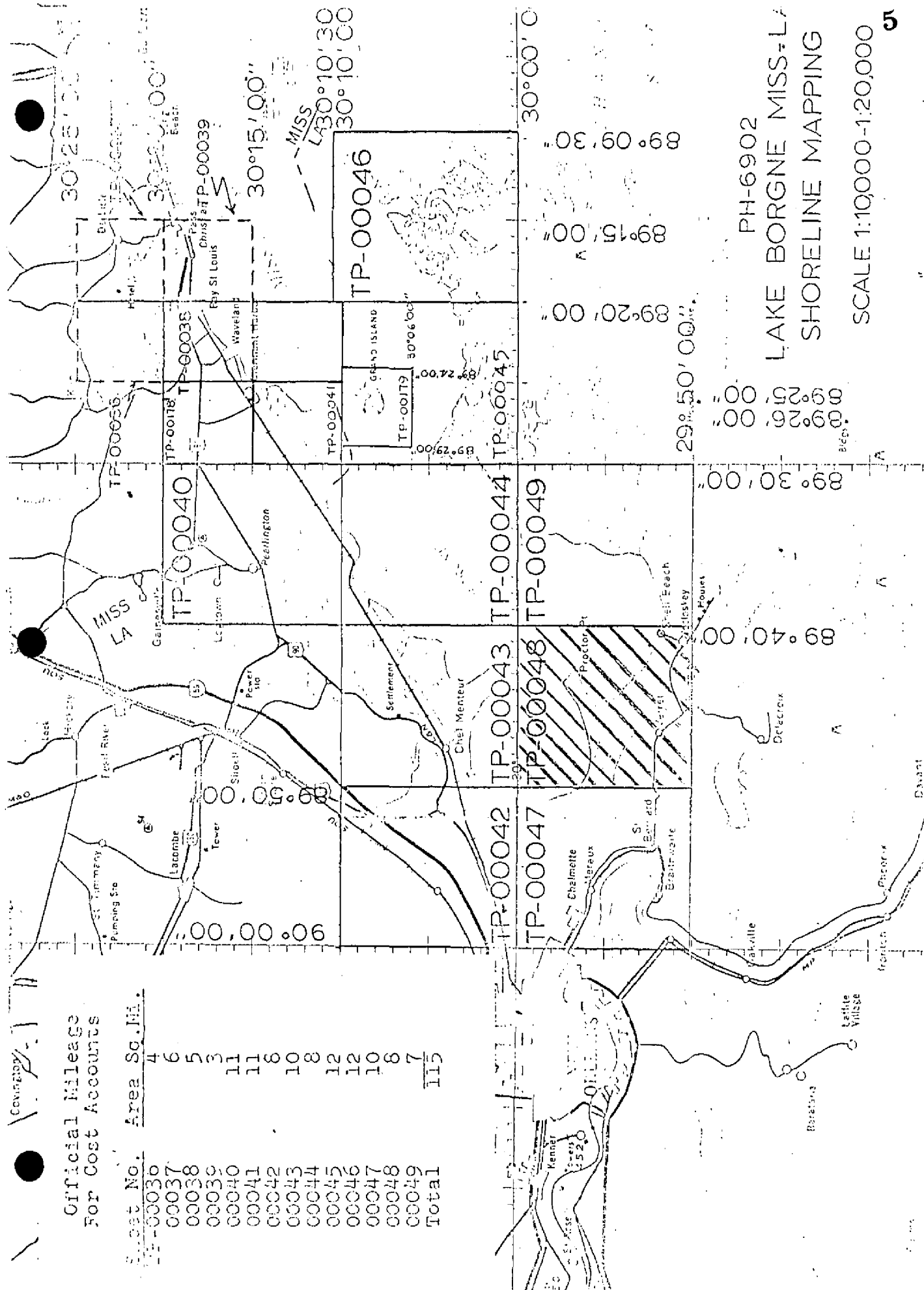
REMARKS

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

Conviction

Official Mileage
For Cost Accounts

Plot No.	Area Sq.Mi.
00036	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-LA
SHORELINE MAPPING

SCALE 1:10,000-1:20,000

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT TP-00048

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

The Wild B-8 was used to drop pass points common to the 1:60,000 panchromatic bridging photography and the 1:40,000 scale hydro-support photography (color) to the manuscript. Ratio prints were then used to compile the map graphically. See Compilation Report, Par. 31.

Field edit was done in October, 1971, before hydrography. One fixed aid, Bayou Dupre Daybeacon 21 was located in March, 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 cronaflex positive copy of the final reviewed manuscript were forwarded for record and registry.

FIELD INSPECTION REPORT

PH - 6902

TP-00048

There was no field inspection prior to compilation.

Shoreline Mapping, Lake Berne, 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 (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.

TP-00048

PROJECT NO. PH-6902

SCALE OF MAP
1:20,000

SCALE FACTOR

None

[illegible]

COMPUTED BY A.C. Rauck, Jr.

DATE March 3, 1970

CHECKED BY R. White

DATE March 4, 1970

COMPILATION REPORT

TP-00048

31. DELINEATION

The Wild B-8 was used along with the 1:60,000 "M" photography to drop photo hydro points on the manuscript. These points were also identified on the color ratios 69E(C)3269 thru 69E(C)3273. The drill points for photos 69S(C)9060 thru 69S(C)9065 were transferred from the plates to the ratios and used to locate the centers on the manuscript. All compilation was then done by graphic methods.

The color photography was of good quality. The "M" photography was of poor quality, being very dark, especially along the edges of the photographs.

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 compiled from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

See Item #31

36. OFFSHORE DETAILS

No statement

37. LANDMARKS AND AIDS

Three Forms 76-40 for Landmarks and Fixed Aids to Navigation were submitted to the Rockville Office on March 5, 1974, Chart Letter No. 252.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Junctions were made with TP-00047 to the west, TP-00043 to the north, and TP-00049 to the east. There is no contemporary survey to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

A comparison was made with USGS Quadrangles YSCLOSKEY, LA dated 1957, PROCTOR POINT, LA, dated 1968, and MARTELLO CASTLE, LA, dated 1967, all at 1:24,000 scale.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 1268 scale 1:80,000, 11th Edition, Feb. 17, 1969 and Chart 1271 scale 1:80,000, 11th Edition, Oct. 4, 1969 (Corr. thru N.M. 40, 1969).

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

*Richard R. White*Richard R. White
Cartographic Technician
10/15/70

Approved for forwarding:

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

Approved:

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

ADDENDUM TO COMPILATION REPORT

TP-00048

Chief of Photo Party 61, Richard D. Olson, has indicated in conference that because of a misunderstanding of the definition of apparent mean high water line, shoreline changes indicated on Photos 69E(C)3270 and 3271 by the field editor were in error.

This part of the field edit was not applied to the manuscript; office interpretation of the mean high water line was considered to be more accurate.

A.L. Shands
6/15/73

Jan. 29, 1974

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00048

Antonios Lagoon

Bayou Louis

Bayou Yscloskey

Camp Bayou

Flagpole Bayou

Flat Bayou

Fort Bayou

Grand Bayou

Lake Borgne

Mississippi River-Gulf Outlet Canal

Mosquito Bayou

Old Fort Beauregard

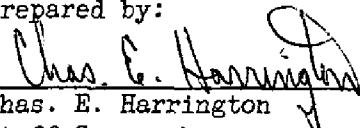
Proctor Point

Shell Beach

Shell Beach Bayou

Stump Bayou

Prepared by:


Chas. E. Harrington
Staff Geographer

NOAA FORM 75-74
(2-74)U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEY

PHOTOGRAMMETRIC OFFICE REVIEW

TP-00048

1. PROJECTION AND GRIDS RJP	2. TITLE RJP	3. MANUSCRIPT NUMBERS RJP	4. MANUSCRIPT SIZE RJP
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) X X	7. PHOTO HYDRO STATIONS X X	
8. BENCH MARKS X X	9. PLOTTING OF SEXTANT FIXES X X	10. PHOTOGRAMMETRIC PLOT REPORT RJP	11. DETAIL POINTS RJP
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RJP	13. LOW-WATER LINE X X	14. ROCKS, SHOALS, ETC. X X	15. BRIDGES X X
16. AIDS TO NAVIGATION RJP	17. LANDMARKS X X	18. OTHER ALONGSHORE PHYSICAL FEATURES RJP	19. OTHER ALONGSHORE CULTURAL FEATURES X X
PHYSICAL FEATURES			
20. WATER FEATURES RJP		21. NATURAL GROUND COVER RJP	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 X
CULTURAL FEATURES			
27. ROADS X X	28. BUILDINGS RJP	29. RAILROADS X X	30. OTHER CULTURAL FEATURES RJP
BOUNDARIES			
31. BOUNDARY LINES X X		32. PUBLIC LAND LINES X X	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RJP		34. JUNCTIONS RJP	35. LEGIBILITY OF THE MANUSCRIPT RJP
36. DISCREPANCY OVERLAY RJP	37. DESCRIPTIVE REPORT RJP	38. FIELD INSPECTION PHOTOGRAPHS X X	39. FORMS X X
40. REVIEWER RJ Pate		SUPERVISOR, REVIEW SECTION OR UNIT A.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		SUPERVISOR A.C. Rauck, Jr.	
Reviewed: Frank Margiotta		2/22/74	
43. REMARKS Field Edit Applied From: Field edit valid, film print photos 69E(C)3270, 3272, 3273, 69S(C)9064 and 9065			

FIELD EDIT REPORT

TP 00048

PROCTOR POINT

PH 6902

LAKE BORGNE, LOUISIANA-MISSISSIPPI

52. ADEQUACY OF COMPILATION

Compilation was adequate considering there was no previous field inspection. Some portions of the marsh area along the north bank of the Gulf Outlet Canal were compiled along the low water line. The high water line is shown on photo 69 E(c) 3272. Overhead cables shown in the Ycloskey Bayou area no longer exist but one has been replaced by a submegeed cable and is plotted on the field edit ozalid. Minor shoreline changes are delineated on photos 69 S(c) 9064, 9065; 69 E(c) 3270, 3273 and indexed on the field ozalid.

54. RECOMMENDATIONS

None

56. GEOGRAPHIC NAMES

No Geographic Name discrepancies were encountered here.

57. LANDMARKS AND AIDS TO NAVIGATION

Three radio towers and one water tank were recommended for charting as landmarks; see form 76-40, two of the towers and the water tank are Triangulation Intersection stations and were field verified. Fifteen aids to navigation were recommended for charting, 2 aids are triangulation stations and are field verified, 7 aids were located during compilation and field verified, 6 aids were located by sextant fix and plotted on the field ozalid.

58. ADDITIONAL INFORMATION

Considerable number of snaggs & pilings were located by sextant fixes along both banks of the Gulf Outlet Canal. The snaggs are tree trunkssand are not subject to movement.

Louisiana Wildlife and Fisheries have monumented horizontal control stations at about $\frac{1}{2}$ mile spacing along the entire Lake Borgne shoreline. It is felt that this control should be considered for inclusion on this sheet for future hydrographic uses. Several Louisiana Wildlife and Fisheries Horizontal Control stations were recovered, but since information on these stations is not yet available, this data will be submitted at a later date.

Respectfully Submitted,



RICHARD D. OLSON

LT. NOAA

CHIEF, PHOTO PARTY 61

[illegible]

[illegible]

U.S. DEPARTMENT OF COMMERCE—NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
NONFLOATING AIDS FOR CHARTS FOR CHARTS									
ORIGINATING LOCATION									
DATE 12/1/71									
Coastal Mapping Division, Norfolk, Va									
The following objects have (been) been inspected from seaward to determine their value as landmarks:									
METHOD AND DATE OF LOCATION (See instructions on reverse of this form)									
CHARTS AFFECTED									
NOAA FORM 76-40 (2-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 64.	TO BE CHARTED <input checked="" type="checkbox"/>		TO BE DELETED <input type="checkbox"/>		ORIGINATING ACTIVITY <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)				
JOB NUMBER PH- 6902	SURVEY NUMBER T- 00048		DATUM N.A.1927		METHOD AND DATE OF LOCATION (See instructions on reverse of this form)		CHARTS AFFECTED		
STATE: Louisiana	DESCRIPTION		POSITION		FIELD INSPECTION		COMPILATION		FIELD EDIT Verified
	Bayou Yscloskey								
LIGHT	Light 2		29 52		19.60 26.41 604 709		69E(c) 10/12/71		1271 1268
DAY BEACON	Daybeacon 4		29 52		6.95 28.39 214 762		69E(c) 10/12/71		" "
DAY BEACON	Daybeacon 5		29 52		6.82 27.65 210 742		69E(c) 10/12/71		" "
	Bayou Dupre								
LIGHT	Light 1		29 57		15.28 21.85 470 586		69E(c) 10/12/71		1271 1268
DAY BEACON	Daybeacon 2		29 57		8.37 35.13 258 942		P.4 10/12/71		" "
DAY BEACON	Daybeacon 3		29 57		1.23 41.77 38 1120		P.4 10/12/71		" "
DAY BEACON	Daybeacon 4		29 56		55.21 53.40 1700 1432		P.4 10/12/71		" "
									23 C

[illegible]

REVIEW REPORT TP-00048

SHORELINE

MARCH 22, 1974

61. GENERAL STATEMENT:

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

An ozalid comparison print showing differences noted in Par. 62 through 64 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with T-9660, 1:20,000 scale, dated 1956, which covered only part of TP-00048. No comparison was made west of Long. $89^{\circ} 45'$ or south of Lat. $29^{\circ} 52.5''$. Significant differences between T-9660 and TP-00048 were shown in blue on the comparison print.

TP-00048 supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with 1:24,000 scale USGS quadrangles YSCLOSKEY, LA, dated 1957; PROCTOR POINT, LA, dated 1968; and MARTELLO CASTLE, LA, dated 1967. Differences shown on the comparison print were confined to the open shoreline of Lake Borgne. In the area covered by Registered Survey T-9660 and USGS quadrangle Proctor Point, the difference between these maps and TP-00048 was the same and was shown on the comparison print with a blue line. Differences between the Yscloskey and Martello Castle quadrangles and TP-00048 were shown in brown.

Many differences in shoreline of ponds and channels in the marsh areas were noted. These were numerous and no attempt was made to show them on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with the boat sheet for H-9354, 1:20,000 scale, dated 1973, which covered the area from Proctor Point westward. There was no contemporary survey coverage from Proctor Point south and eastward. Small differences were noted between the field edit location (Nov., 1971 and March 1972) and the hydrographer's location (early, 1973) of Bayou Dupre fixed aids.

These differences were shown in purple on the comparison print.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 1271, 1:80,000 scale, 16th edition, dated March, 1973. No significant differences were noted.

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:

Jeff 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

BAYOU DUPREE
LIGHT 1 1971

BAYOU DUPREE
DAY BEACON 2 1972

BAYOU DUPREE
DAY BEACON 3 1971

BAYOU DUPREE
DAY BEACON 4 1971

472,000 FT.

29° 57'

COMPARISON PRINT

Purple = H-9354
Brown = U.S.G.S.

56'

460,000 FT.

29° 55'

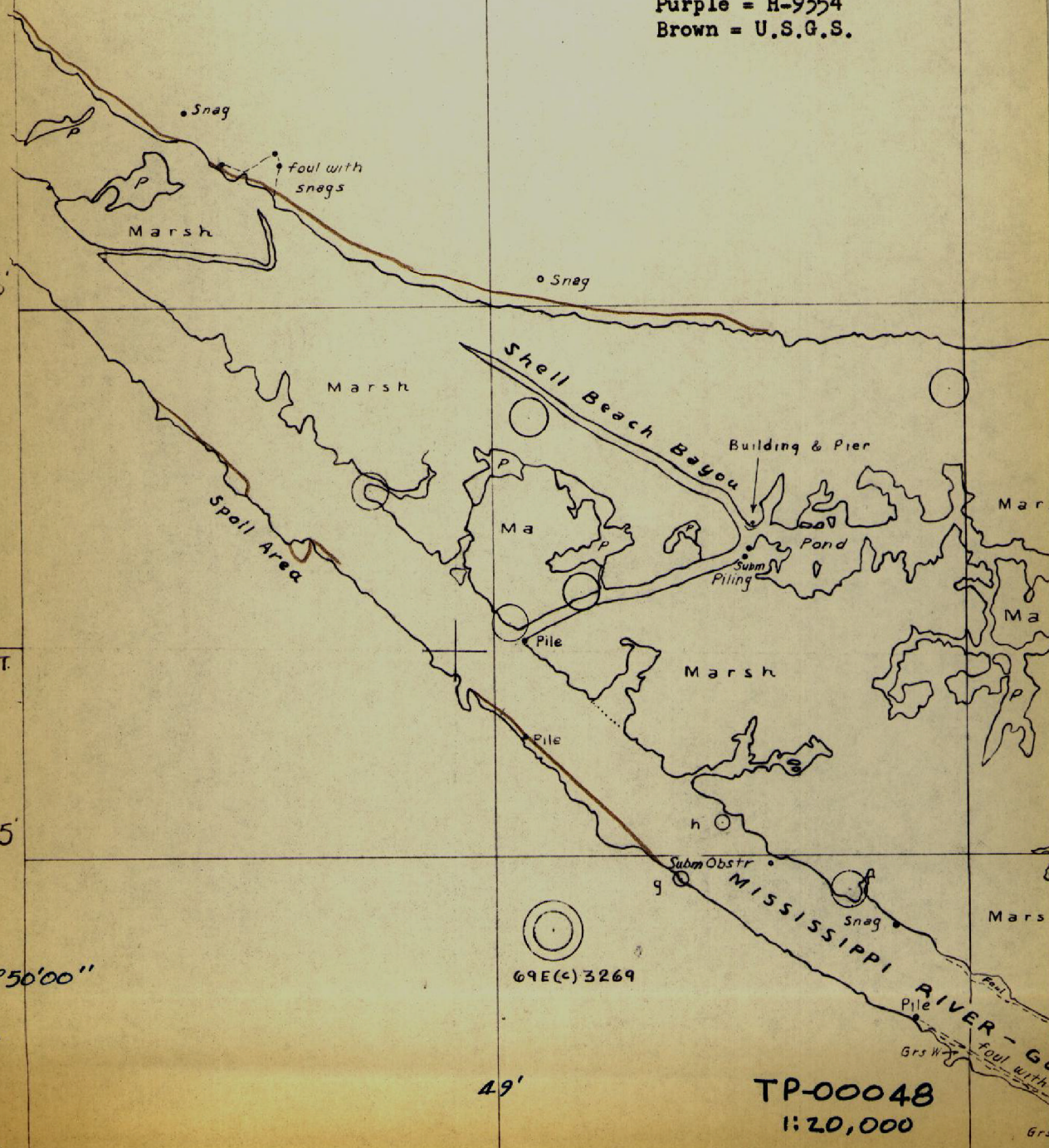
89° 50' 00"

P-00047)

49'

69E(c) 3269

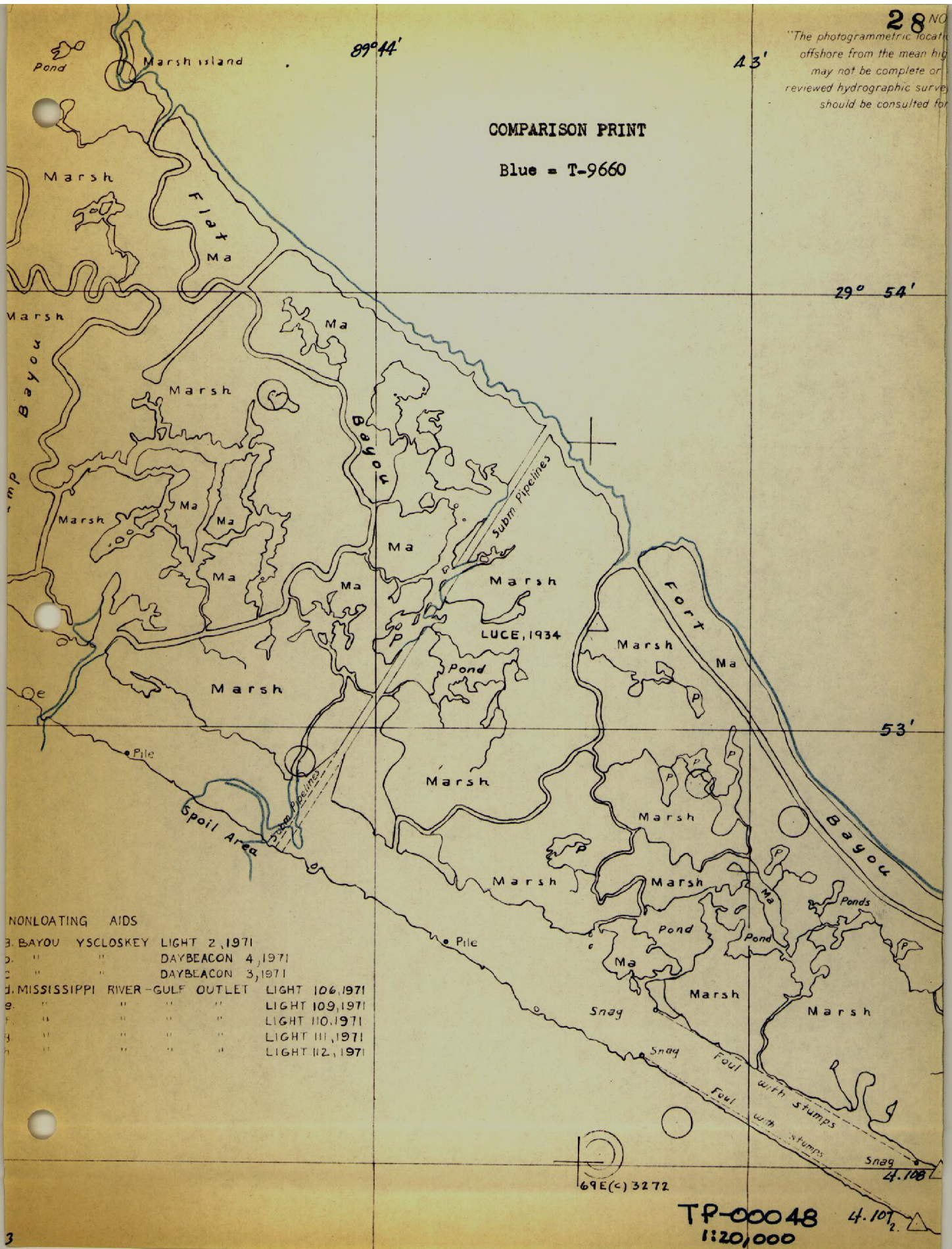
TP-00048
1:20,000

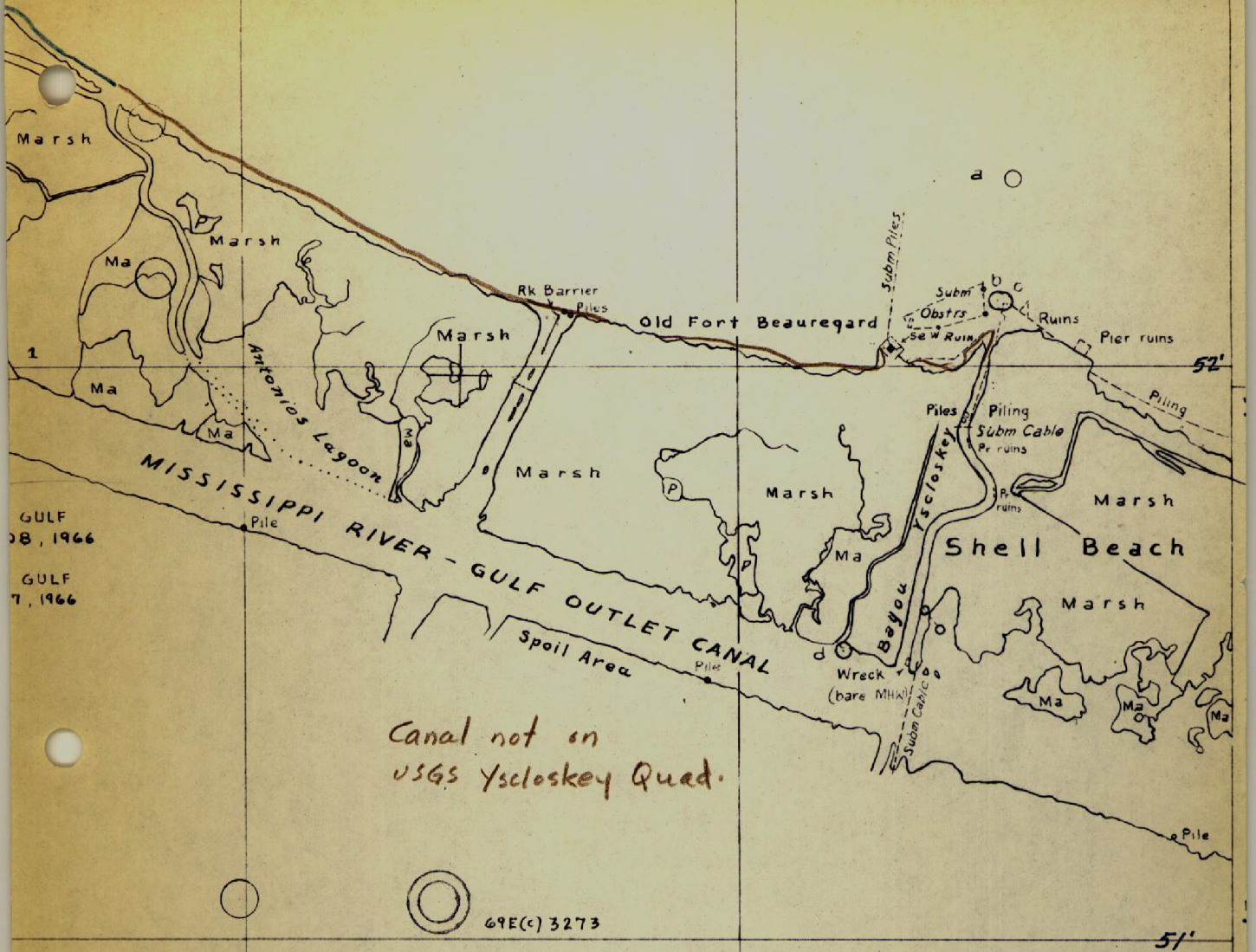


"The photogrammetric location
offshore from the mean high
may not be complete or
reviewed hydrographic survey
should be consulted for

COMPARISON PRINT

Blue = T-9660





COMPARISON PRINT

Brown = U.S.G.S.
Blue = T-9660

△ YSCLOSKEY MUNICIPAL
WATER TANK, 1966
(STEEL) ht=126 (130)

