

TP 00045

TP-00045

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-00045  
Classification No. Edition No. 1  
Field Edited

## LOCALITY

State Mississippi - Louisiana  
General Locality Lake Borgne  
Locality Blind Bay

1969 TO 19 71

## REGISTRY IN ARCHIVES

DATE .....

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR  
TO REGISTRATION

## DESCRIPTIVE REPORT - DATA RECORD

TP-00045

1

OBJECT NO. (II):

PH-6902

FIELD OFFICE (II):

Pass Christian, Mississippi

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):

MEAN ~~LOW 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 ~~at low tide~~

REFERENCE STATION (III):

Blind Azimuth Mark, 1966

LAT.:

LONG.:

30 02' 07.318"(225.3M.)

89 25' 24.914"(667.6M.)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

502,754.94 Ft.

x = 2,604,265.42 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-00045

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 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. Checked: A.L. Shands	DATE April, 1970 April, 1970
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): L.O. Neterer, Jr.		DATE May, 1970
Reviewed by: C.H. Bishop		DATE May, 1970
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): A.L. Shands		DATE Feb. 1974
REMARKS:  Field Edit By:  William J. Mottern Richard D. Olson		
Survey Tech. LTJG NOAA		
November, 1971		



DESCRIPTIVE REPORT - DATA RECORD  
TP-00045

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CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "E"

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
69S(C)9089 thru 9092	Nov 15, 1969	0937 CST	1:20,000	0.8 ft. above MLW
69E(C)3331 and 3332	Nov 15, 1969	1156 CST	1:40,000	0.1 ft. above MLW
69E(C)3324 thru 3327	Nov 15, 1969	1144 CST	1:40,000	0.1 ft. above MLW
69E(C)3306 thru 3309	Nov 15, 1969	1129 CST	1:40,000	0.2 ft. above MLW
69E(C)3287 thru 3290	Nov 15, 1969	1116 CST	1:40,000	0.2 ft. above MLW
69S(C)9074	Nov 15, 1969	923 CST	1:20,000	0.8 ft. above MLW
* 69M(P)148 and 149	Nov 15, 1969	1345 CST	1:60,000	0.2 ft. below MLW
* 69M(P)185 and 186	Nov 15, 1969	1433 CST	1:60,000	0.3 ft. below MLW
* Instrument models				

## Predicted TIDE (III)

## Diurnal

		RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION:	Pensacola, Florida		0.6	1.3
SUBORDINATE STATION:	Bay St. Louis, Miss		0.8	1.6
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 (II):	3	RECOVERED:	3	IDENTIFIED: 3
NUMBER OF BM(S) SEARCHED FOR (II):	0	RECOVERED:	0	IDENTIFIED: 0
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):				
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):				

REMARKS:

## HISTORY OF FIELD OPERATIONS

1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Richard D. Olson	29 Nov 71
2. HORIZONTAL CONTROL	RECOVERED BY William J. Mottern	Oct. 71
	ESTABLISHED BY none	
	PRE-MARKED OR IDENTIFIED BY none	
3. VERTICAL CONTROL	RECOVERED BY N/A	
	ESTABLISHED BY none	
	PRE-MARKED OR IDENTIFIED BY none	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY William J. Mottern	Oct 71
	LOCATED (Field Methods) BY Photo Party 61	Oct 71
	IDENTIFIED BY William J. Mottern	Oct. 71
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	CLARIFICATION OF DETAILS BY William J. Mottern	Oct 71
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N/A	

## 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)

69 E(c) 3325-3327, 3287-3289, 3306-3310.

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

See forms 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-00045

COMPILATION RECORD

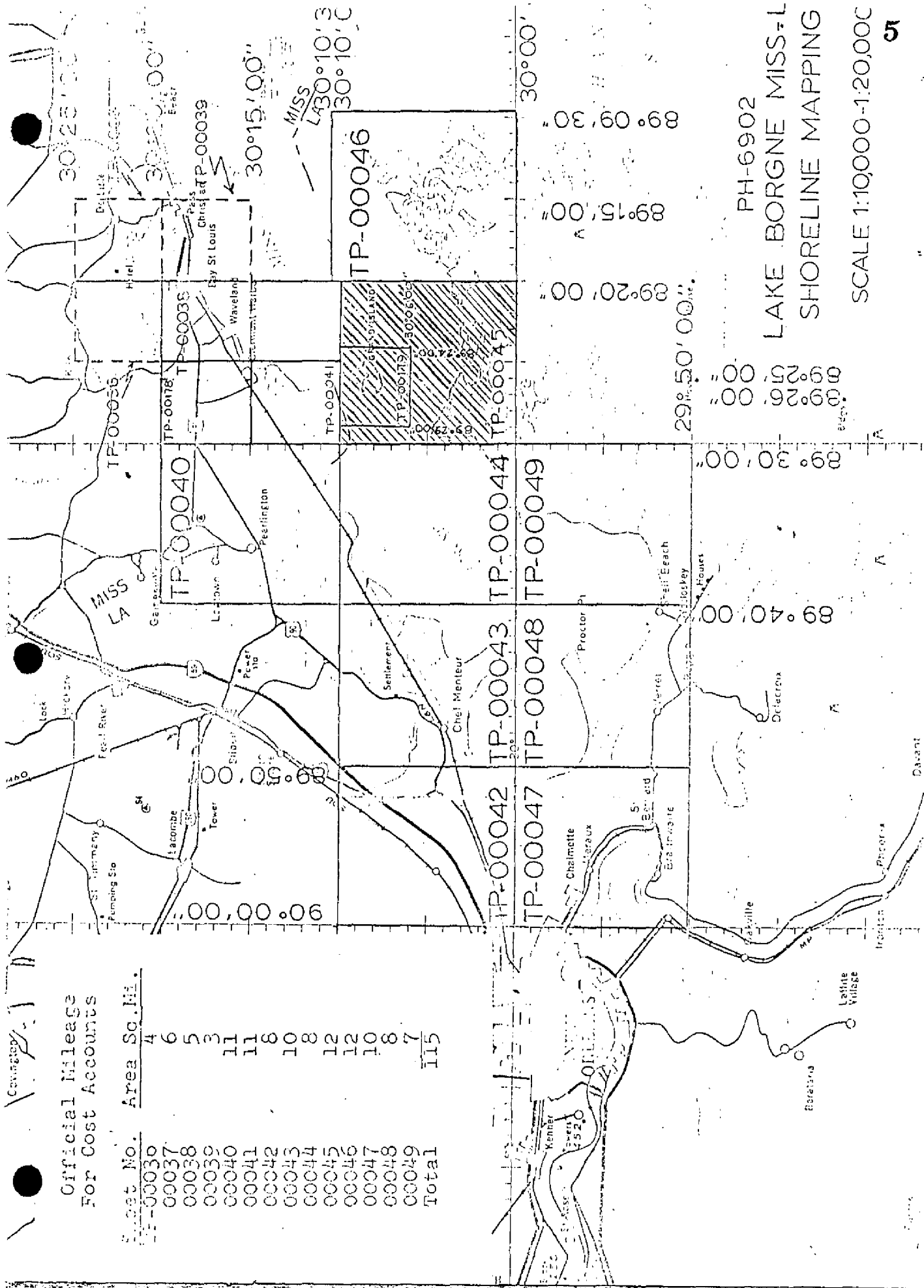
COMPLETION DATE

REMARKS

Compilation Complete Pending Field Edit	May, 1970	Superseded
Field Edit Applied	March 7, 1972	Superseded
Final Review	March, 1974	

Official Mileage  
For Cost Accounts

Plot No.	Area Sq.Mt.
1-00039	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 1:10,000-1:20,000

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT TP-00045

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.

The only field work before compilation was the recovery, identification, and premarking of horizontal control required for bridging.

Compilation was by Wild B-8 plotter and graphic. See Par. 31, Compilation Report, bound with this Descriptive Report.

Field Edit was done in August and November, 1971.

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

FIELD INSPECTION REPORT

PH-6902

TP-00045

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 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 CHLL, 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
------------------------	-----	-----

## 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.





## COMPILATION REPORT

TP-00045

PROJECT PH-6902

31. DELINEATION

The Wild B-8 was used to locate points common to the 1:60,000 "M" compilation photography and the 1:40,000 scale "E" photographs, which were used for photo-hydro support.

The quality of the "M" photography was poor and not suitable for delineating details. The "E" photography, therefore, was used for the graphic delineation of all details.

The Grassy Island - Grand Island area of this map was compiled at 1:10,000 scale (TP-00179). See Compilation Report, TP-00179, for this area.

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

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



36. OFFSHORE DETAILS

All offshore details were compiled from office interpretation of the photographs.

37. LANDMARKS AND AIDS

Copies of Form 76-40 for two nonfloating aids were forwarded 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-00041 to the North, TP-00046 to the East, and TP-00044 to the West. 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 "Malheureux Point, Louisiana" and "Three Mile Bay, Louisiana," both 1:24,000 scale and dated, 1955.

Little Raccoon Island does not appear on the compilation photography and was not mapped.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 1268, scale 1:80,000 11th edition, dated February 17, 1969.

Little Raccoon Island charted approximately at Lat.  $29^{\circ}31.3'$ , Long.  $89^{\circ}20.7'$  is not visible on the November, 1969 photography and therefore is not mapped.

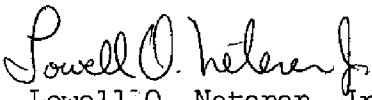
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

It is apparent that Little Raccoon Island no longer exists and should be removed from all charts.


ITEMS TO BE CARRIED FORWARD

None


Submitted by:

  
Lowell O. Neterer, Jr.  
Cartographic Technician  
May 5, 1970

Approved for forwarding:

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

Approved:

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

ADDENDUM TO COMPILATION REPORT

Chief of Photo Party 61, Richard D. Olson, has indicated in conference, that the nonstandard notation used on Photos 69 E(C)3289, 3307 & 3308 and 69 E(C)3326 for the apparent MHWL is in error. This portion of the field edit was not applied, as office interpretation of the shoreline in these areas was apparently correct as shown.

J.B.  
3/7/72

Jan. 28, 1974

## GEOGRAPHIC NAMES

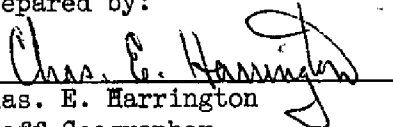
## FINAL NAME SHEET

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

TP-00045

Bayou La Fee  
Blind Bay  
Blind Pass  
False Mouth Bayou  
Kennedys Lagoon  
Lake Borgne  
Lakes of Bayou Marron  
Le Petit Pass  
Le Petit Pass Island  
Malheureux Point  
Mississippi Sound  
Mosquito Inlet  
Ninemile Bay  
Ninemile Bayou  
North Karako Bay  
Raccoon Island  
Shell Point  
South Bayou "  
Three Mile Bay  
Three Mile Pass  
Trappers Bayou  
Whiskey 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-00045			
1. PROJECTION AND GRIDS CHB	2. TITLE CHB	3. MANUSCRIPT NUMBERS CHB	4. MANUSCRIPT SIZE
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	7. PHOTO HYDRO STATIONS X
8. BENCH MARKS X	9. PLOTTING OF SEXTANT FIXES X	10. PHOTOGRAMMETRIC PLOT REPORT Bridge - W.O.	11. DETAIL POINTS
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE CHB	13. LOW-WATER LINE X	14. ROCKS, SHOALS, ETC.	15. BRIDGES X
16. AIDS TO NAVIGATION CHB	17. LANDMARKS X	18. OTHER ALONGSHORE PHYSICAL FEATURES CHB	19. OTHER ALONGSHORE CULTURAL FEATURES CHB
PHYSICAL FEATURES			
20. WATER FEATURES CHB		21. NATURAL GROUND COVER CHB	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 X	28. BUILDINGS X	29. RAILROADS X	30. OTHER CULTURAL FEATURES X
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 CHB	37. DESCRIPTIVE REPORT CHB	38. FIELD INSPECTION PHOTOGRAPHS X	39. FORMS
40. REVIEWER Charles H. Bishop 5/16/70		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 T.J. Bulfer 3/7/72 Reviewer: L.O. Neterer, Jr. 3/10/72		SUPERVISOR A.C. Rauck, Jr.	
43. REMARKS Field Edit Applied From: Field Edit Ozalid and Photograph, numbers 69E 3288, 3289, 3307, 3308 and 3326.			



FIELD EDIT REPORT  
JOB PH 6902  
TP 00045

52. ADEQUACY OF COMPILATION

Compilation was adequate.

54. RECOMMENDATIONS

None.

56. LANDMARKS AND AIDS TO NAVIGATION

Two aids to navigation are found on this sheet. NINEMILE BAYOU ENTRANCE LIGHT 2 was correctly identified by compilation. THREE MILE PASS LIGHT 1966 was destroyed by hurricane Camille and rebuilt after photography. It was located by this party.

A form 76-40 has been submitted with this report.  
There are no landmarks on this sheet.

57. ADDITIONAL INFORMATION

The entire shoreline of this sheet is marsh. High water extends into the marsh to an indeterminable distance, Low water rarely if ever falls below the line of marsh. For charting purposes the marsh line is both the high and low water lines.

Respectfully submitted,

William J. Mottern  
Survey Technician  
Photo Party 61

Richard D. Olson  
LTjg/ NOAA  
Chief, Photo Party 61

NOAA FORM 76-40 (2-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 64.		U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION <b>NONFLOATING AIDS ORIGINATING MARKS FOR CHARTS</b>										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)		
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE DELETED		ORIGINATING LOCATION <b>Coastal Mapping Division, Norfolk, Va</b>										DATE <b>3/7/72</b>		
The following objects have been inspected from seaward to determine their value as landmarks:														
JOB NUMBER PH-	SURVEY NUMBER T- TP- 00045	STATE: Louisiana	DESCRIPTION	DATUM			POSITION			METHOD AND DATE OF LOCATION (See instructions on reverse of this form)			CHARTS AFFECTED	
				LATITUDE	LONGITUDE		LATITUDE	LONGITUDE		FIELD INSPECTION	COMPILATION	FIELD EDIT		
CHARTING NAME				°	'	"	°	'	"	°	'	"		
LIGHT	Three Mile Pass Light			30	03	14.79 455	89	21	24.99 668				F 2 11/4/71	1268
LIGHT	Ninemile Bayou Entrance Light 2			30	02	50.53 1556	89	25	15.23 408				99E(c) 3307 11/15/69 69E(c)3307	1268
* LIGHT	Grand Island Pass Light 3			30	09	30.93 958	89	28	19.95 534				F.3.a 8/17/71	1268 878SC
*	Aid also appears on TP-000179		which is an insert										of TP-00045	

## REVIEW REPORT TP-00045

## SHORELINE

MARCH 7, 1974

61. GENERAL STATEMENT:

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

An ozalid comparison print, showing differences noted in Par. 62, 64 and 65, is bound with the original of this report. Comparison prints for Half Moon and Grassy Island are filed with the report for TP-00179.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with copies of T-9657 and T-9658, both 1:20,000 scale and both dated 1955. In general, the shoreline facing Lake Borgne, Mississippi Sound, and the larger lakes has receded. Significant differences were shown on the comparison print in blue.

TP-00045 supersedes previous registered topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangles MALHEUREUX POINT, LA. and THREE MILE BAY, LA, both 1:24,000 scale and both dated 1955. These maps were copied from T-9657 and T-9658 respectively. Therefore differences are the same.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with the boat sheet for H-9261 west of Long.  $89^{\circ}26'$  and with the boat sheet for H-9200 east of Long.  $89^{\circ}26'$ . Both surveys were surveyed at 1:20,000 scale in 1971. Significant differences were shown in purple on the comparison print.



65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 1268, 1:80,000 scale 15th edition, dated Dec. 30, 1972. Significant differences were shown on the comparison print in red.

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

27

B  
O  
R  
G

07'

LE

K 29'

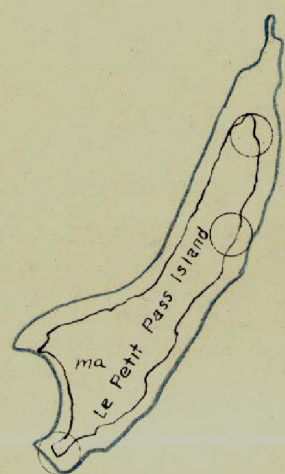
89° 28'

COMPARISON PRINT

Blue - T-9657  
Red - Chart 1268  
Purple - H-9261

30° 06'

Wreck, not visible  
on photos taken  
at MLW.



Le Petit Pass

signs, not  
visible on photos



69-E(C)-332

TP-00045  
1: 20,000



89° 30'

MALHEUREUX P.

28

JOINS TP-00044

04'

COMPARISON PRINT

Blue - T-9657  
Purple - H-9261

y = 510,000 FT.

03'



69 E(c) 3324

Iron pipe, not  
visible on photos

30° 02'

TP-00045

1:20,000

Mosquito l.

ma



POINT MALHERUEUX POINT 3 1924

89°28'

COMPARISON PRINT

Blue = T-9657





87° 26'

25'

30

COMPARISON PRINT

Blue = T-9657  
Red = Chart 1268  
Purple = H-9200

30° 04'





24'

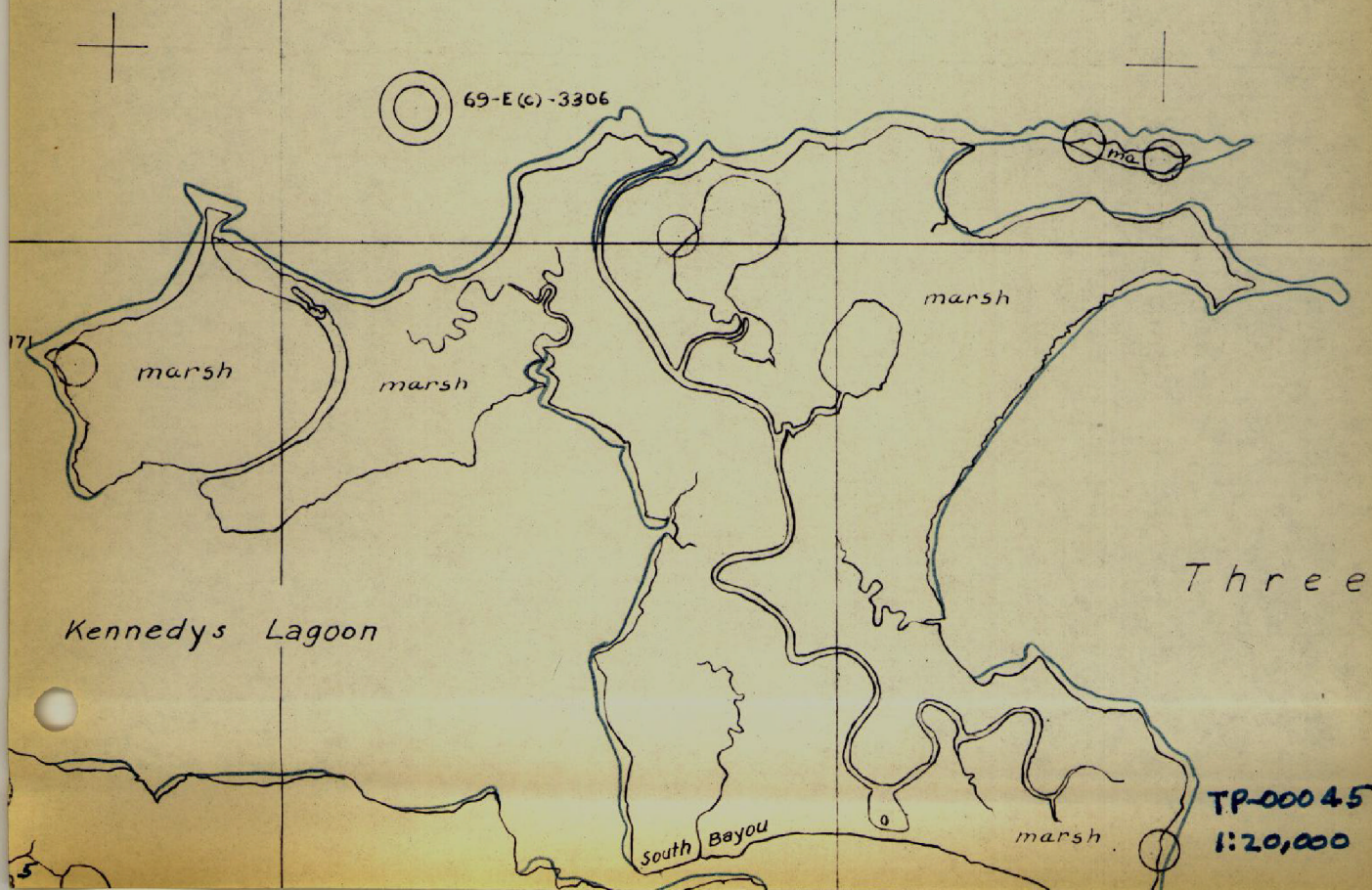
87°23'

31

COMPARISON PRINT

Blue - T-9657 & T-9658

30°04'





y=520,000FT

89°20'

32

COMPARISON PRINT

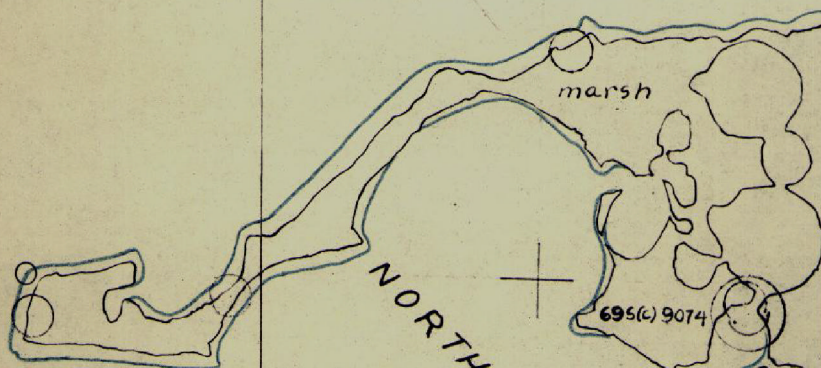
Blue = T-9658

JOINS TP-00046

30°04'

THREE MILE PASS

THREE MILE PASS  
LIGHT 1, 1971



y=510,000FT.

03'

Mile Bay



69-E(c)-3289

TP-00045  
1:20,000

02'



33

MP-02-  
BB, 1971

y 500,000 FT.

COMPARISON PRINT

Blue = T-9657

ma

marsh

DP

marsh

01'

LAKE OF BAYOU MARRON

y = 490,000 FT.

30°00'00"

89°30'00"

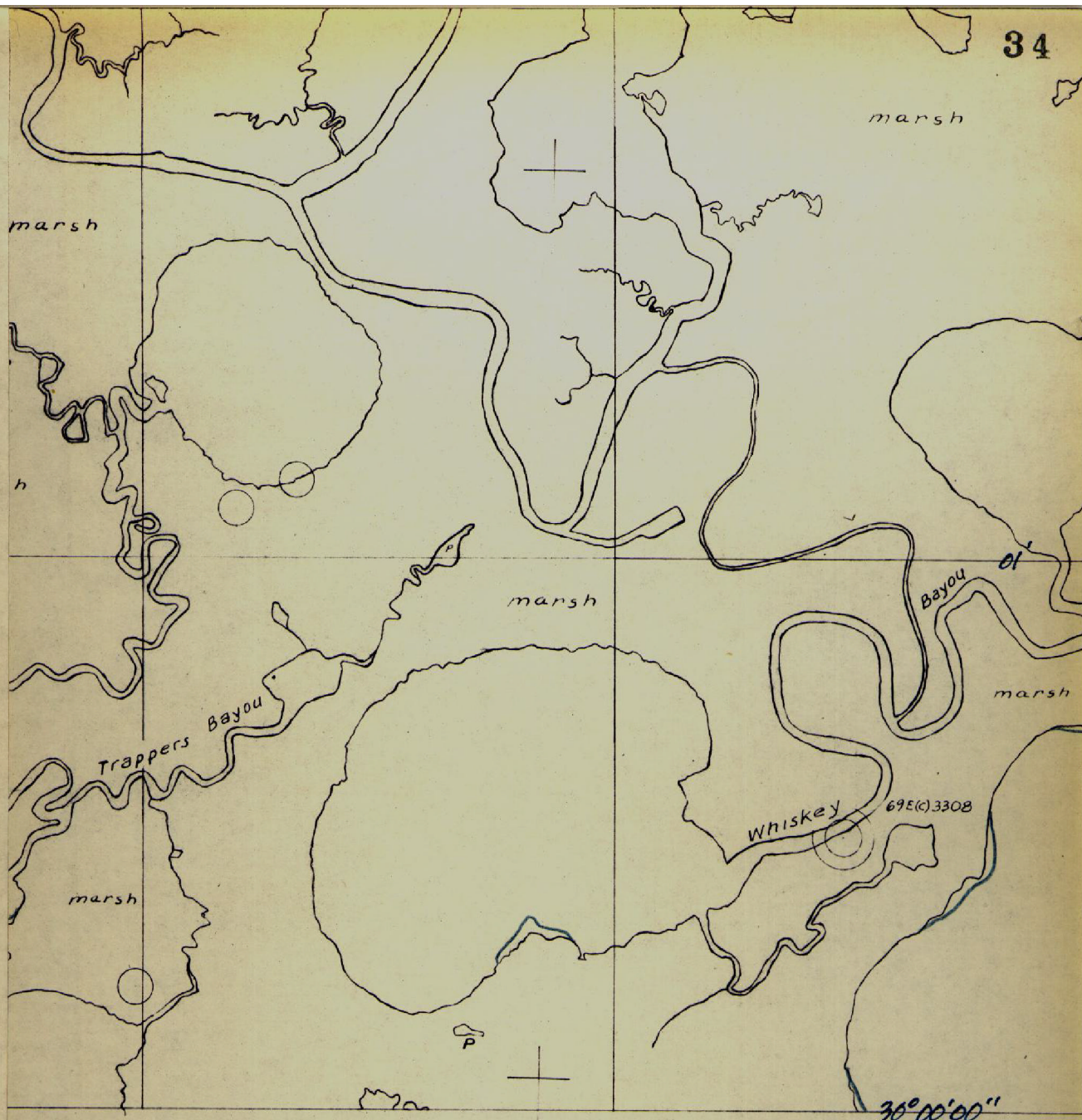
x = 2,580,000 FT.

TP-00045

1:20,000



34



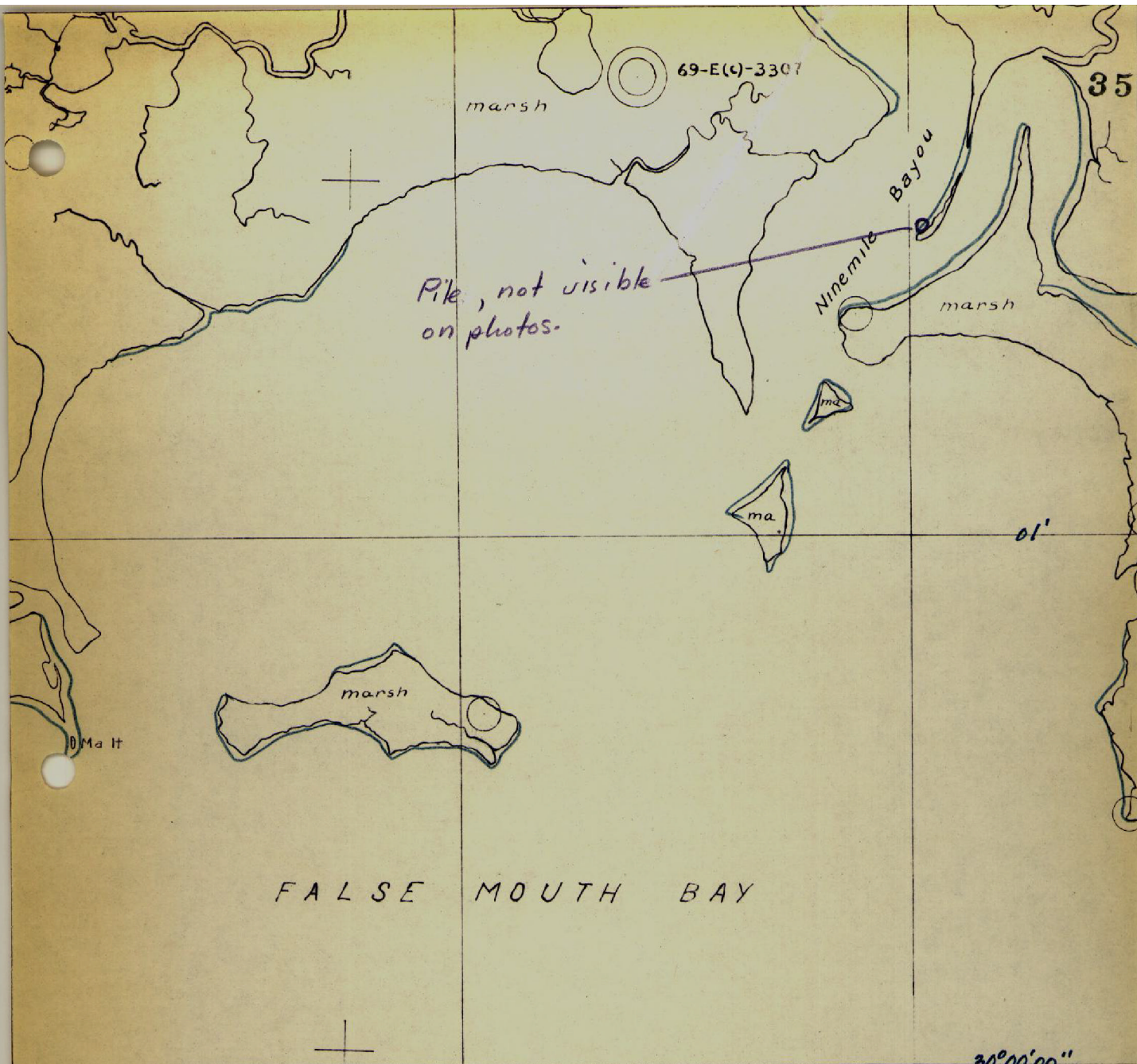
COMPARISON PRINT

Blue - T-9657

TP-00045

1: 20,000





FALSE MOUTH BAY

7' x=2,600,000FT. 26' NO CONTEMPORARY SURVEY 89°25'

NOTE: Unlabeled circles are photogrammetric plot points; not map features

#### COMPARISON PRINT

Blue - T-9657  
Purple - H-9261

TP-00045  
1:20,000





# COMPARISON PRINT

Blue = T-9657 & T-9658  
 Purple = H-9200  
 Red = Chart 1268

- △ Recoverable horizontal control station of third-order or higher accuracy
- Recoverable horizontal control station of less than third-order accuracy
- The heavy shoreline defines the mean high water line
- The light shoreline defines the outer limits of vegetation visible above approximate mean high water


Compiled by photogrammetric methods from aerial photographs

Date of Photography	Nov.
Date of Field Inspection	Oct. 1969
Date of Field Edit	None
Date of Final Compilation	Aug. and Nov. 1971
Date of Final Review	Feb. 1974
	March 1974

TP-00045  
 1:20,000



y=500,000 FT.

2  Little Raccoon Island  
Also on chart 1268

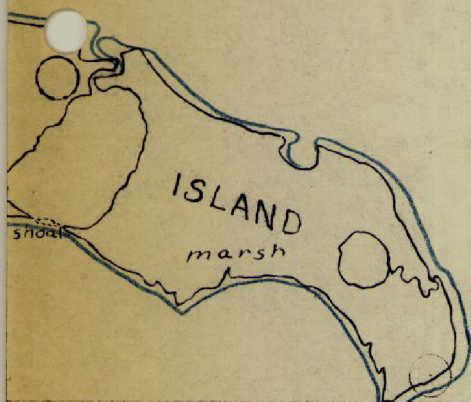
Not visible on photos  
taken at MLW.

01'

## COMPARISON PRINT

Blue = T-9658

Red = Chart 1268



Bay  
Boudreau

30°00'00"

2'

21'

x=2,630,000 FT.

89°20'00"

NATIONAL OCEAN SURVEY  
SHORELINE MANUSCRIPT  
TP-00045  
MISSISSIPPI - LOUISIANA  
LAKE BORGNE  
BLIND BAY

SCALE 1:20,000

(1 inch = 1666.67 ft.)

CONTROL DATA

Polyconic projection: 1927 North American Datum  
10,000 foot grid based on La (South Zone) plane coordinate system  
Datum plane: Mean High Water

TP 00045