

TP-01425

TP-01425

NOAA FORM 76-35
(6-80)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

THIS MAP EDITION WILL NOT BE FIELD EDITED

Map No. TP-01425	Edition No. 1
Job No. CM-8602	
Map Classification CLASS III FINAL	
Type of Survey SHORELINE	
LOCALITY	
State MISSISSIPPI-LOUISIANA	
General Locality GULFPORT, MISSISSIPPI TO LAKE BORGNE, LOUISIANA	
Locality ST. LOUIS BAY	
<div style="border: 1px solid black; padding: 5px; text-align: center;">1986 TO 1987</div>	
REGISTERED IN ARCHIVES	
DATE	

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 10 (B) (B = 152.74mm) Wild RC 10 (Z) (Z = 153.15mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE Coordinated Photography				Central	
				MERIDIAN	
				90°	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
86 B(C) 2659-2662	11-21-86	0959	1:50,000	*	
86 B(C) 2704-2705	11-21-86	1042	1:50,000	*	
86 Z(R) 0029,0031	12-02-86	1242	1:50,000	0.1 ft. above MLLW	
87 Z(R) 0859, 0861, 0863	03-04-87	1059	1:50,000	0.2 ft. below MHW	
Diurnal Tide Range - 1.7 ft.					

REMARKS Tide coordinated mean high-water and mean lower low-water photographs are based on actual tide data and are referenced to the tide station at Cadet Point.
*Information for these photographs was not submitted with the tide data for this project.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high-water line was compiled from office interpretation of the above listed compilation/bridging photographs using stereo instrument methods. The black and white infrared ratio photographs were used to assist in the interpretation of the mean high-water line.

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

The mean lower low-water line was compiled graphically from the above listed black and white infrared ratio photographs.

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

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

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No Survey	TP-01426	No Survey	TP-01424

REMARKS

TP-01425

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. DeCroix	Nov. 1986
2. HORIZONTAL CONTROL	R. DeCroix	Nov. 1986
RECOVERED BY	N.A.	
ESTABLISHED BY	R. DeCroix	Nov. 1986
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	N.A.	
RECOVERED (Triangulation Stations) BY	N.A.	
LOCATED (Field Methods) BY	N.A.	
IDENTIFIED BY	N.A.	
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	N.A.
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N.A.

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Paneled

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
86B(C)2705	PINE HILLS, 1930		

3. PHOTO NUMBERS (Clarification of details)

None

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)

1 Form 76-53

1 Form 76-86

3 Forms 75-63

3 Forms 76-19

NOAA FORM 76-36D
(3-72)

TP-01425

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

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	July 1988	Class III Manuscript		
Final Review	Nov. 1988	Class III, Final Map	June 1989	June 1989

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER Pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
2		June 1989	Charted Landmarks and Aids to Navigation Forms

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

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

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

JOB CM-8602

GULFPORT TO LAKE BORGNE

MISSISSIPPI - LOUISIANA

SHORELINE MAPPING

SCALE 1:20,000

The map displays the coastal region between Mississippi and Louisiana. It includes major waterways like the Mississippi River and the Pearl River. Numerous locations are labeled, including Ocean Springs, Biloxi, Slidell, and Lake Borgne. Several airports are identified with codes like TP-01427, TP-01428, TP-01429, and R-4403. The map also shows various islands, bays, and smaller settlements. A large circular area is circled with a dashed line, encompassing the Biloxi area. Latitude and longitude coordinates are provided along the edges of the map.

CAUTION: Be prepared for loss of horizontal reference at low altitude over lake during night conditions and at night.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01425

This 1:20,000 scale map is one of six maps in project CM-8602, Gulfport, Mississippi to Lake Borgne, Louisiana. The project includes Cat Island, Grand Island and St. Louis Bay. The project extends from latitude 30° 05' 00" north to latitude 30° 27' 00" and longitude 89° 00' 00" west to longitude 89° 40' 00".

Field work prior to compilation was accomplished during November and December 1986. It consisted of premarking horizontal control stations to satisfy aerotriangulation requirements.

Photographic coverage was provided in November 1986 using color film with the "B" camera (focal length 152.74 millimeters) and in December 1986 and March 1987 with the "Z" camera (focal length 153.15 millimeters).

Analytic aerotriangulation was performed at the Washington Science Center in September 1987.

Compilation was performed at the Atlantic Marine Center from office interpretation of the 1:50,000 color and infrared photography in July 1988.

Final Review was accomplished at the Atlantic Marine Center in November 1988. A Chart Maintenance Print for the Marine Chart Branch and Notes to the Hydrographer Print for the Hydrographic Branch were prepared and forwarded.

This map is to be registered as a Class III, Final Map.

The original base manuscript and all pertinent data were forwarded to the Washington Science Center for final registration.

AEROTRIANGULATION REPORT
CM-8602
GULFPORT, MISSISSIPPI TO LAKE BORGNE,
LOUISIANA

SEPTEMBER 1987

21. AREA COVERED

This report covers the shoreline, offshore islands and the adjacent waterways from Gulfport Mississippi to Lake Borgne, Louisiana. The project consists of six 1:20,000-scale sheets; TP-01424 through TP-01429.

22. METHOD

Three strips of 1:50,000 scale and two strips of 1:20,000 scale color photographs were bridged by analytic aerotriangulation methods and adjusted to ground using the Analytic program. The strips were measured on the Wild STK-1. The Mississippi state plane coordinate system, East zone was used for the adjustment. Control consisted of pre-marked stations, office identified stations, and tie points.

Ratio values were determined for the 1:50,000-scale and 1:20,000-scale color bridging photographs and for the 1:40,000 and the 1:50,000-scale black- and- white infrared photographs.

Worksheets and inked manuscripts were plotted on the Kongsberg Plotter. The sheets were plotted in the Mississippi state plane coordinate system, East zone. This is a transverse mercator projection. The datum is NAD 1927.

23. ADEQUACY OF CONTROL

The control was adequate and meets the National Ocean Service requirements. A listing of closures to control is attached.

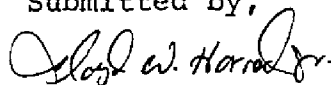
24. SUPPLEMENTAL DATA

USGS topographic quadrangles were used to obtain vertical control for bridging. NOS nautical charts were used to locate aids and landmarks.

25. PHOTOGRAPHY

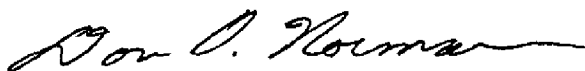
The coverage, overlap, and quality of the color photographs were adequate for the job. The coverage of sheets TP-0147 and TP-01428 by the infrared photographs was incomplete. 01427

Submitted by,



Lloyd W. Harrod, Jr.

Approved and Forwarded



Don O. Norman
Chief, Aerotriangulation Unit

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GULFPORT TO LAKE BORGNE
MISSISSIPPI-LOUISIANA
CM-8602

SEPTEMBER 1987

FIT TO CONTROL - X AND Y IN FEET

<u>STRIP 50-1</u>	<u>POINT NO.</u>	<u>X</u>	<u>Y</u>
▲ 9. KEESLER-paneled direct	(652100)	- .3	-3.1
▲ 8 Sub pt.A-panel	(656101)	1.5	5.8
▲ 6. PHILIP 2,1966 sub pt.A-panel	(665101)	-5.1	-2.9
▲ 3. BAXTER 1986-panel	(668101)	7.6	-1.2
▲ 1. PIKE 1931-1952 sub pt.A-panel	(671101)	-3.8	1.4
105.GULFPORT WALCOTT CAMPBELL COTTONMILL TANK, 1930	(656102)	3.4	1.2

<u>STRIP 50-2</u>	<u>POINT NO.</u>	<u>X</u>	<u>Y</u>
▲ 1. PIKE 1931-1952 sub pt.A-panel	(671101)	- .6	.5
▲ 2. COAX-paneled direct	(798100)	2.4	- .8
▲ 4. CLEAR 2, 1966 RM4-panel	(699101)	-3.0	3.0
▲ 5. ARK-sub pt.A-panel	(801101)	1.2	-2.7
Tie To Strip 1	(672801)	.4	-.9
"	(672802)	1.6	-3.3
"	(672803)	-2.0	-4.2
"	(671801)	-5.3	-.7
"	(671802)	-4.3	-5.2
"	(671803)	-3.2	-3.8
Tie To Strip 1	(670801)	-11.5	-4.4
"	(670802)	-9.6	-4.6
"	(670803)	-5.9	-6.7
"	(669801)	-5.4	-10.6
"	(669802)	-5.7	-9.2
"	(669803)	-5.2	-8.9
"	(668801)	-12.1	-6.5
"	(668802)	-9.1	-10.0
Tie to Strip 1	(668803)	-8.3	-11.9
Tie to Strip 3	(699801)	-7.7	-2.7
"	(699802)	-9.7	1.2
"	(699803)	-4.6	.6
"	(700801)	-8.8	2.0
"	(700802)	-7.1	.3
Tie to Strip 3	(700803)	-9.3	3.5

<u>Strip 50-3</u>			
▲4.	Clear, 2, 1966 RM4-panel	(699101)	1.5 1.4
▲6.	PHILIP 2, 1966		
	sub pt.A-panel	(665101)	.8 2.0
▲7.	PINE HILLS sub pt.A-panel	(705101)	-8.4 5.6
	Tie To Strip 1	(667803)	-2.7 -.6
■	"	(662801)	6.9 -2.3
■	"	(660802)	1.9 6.0
■	"	(667801)	4.9 2.1
	"	(667802)	-.3 -4.2
	"	(665801)	1.5 2.2
	"	(665802)	3.8 1.1
	"	(665803)	3.5 -3.5
	"	(664801)	-2.2 -3.1
	Tie to Strip 1	(664802)	.4 -3.0
	"	(664803)	.2 -3.5
	"	(663801)	4.3 -1.7
	"	(663802)	2.9 -.0
	"	(663803)	3.5 -4.3
	"	(662802)	6.8 -4.4
	"	(662803)	3.1 .3
	"	(661801)	7.2 .2
	"	(661802)	2.1 -1.6
	"	(661803)	9.5 -1.7
	"	(659801)	.9 2.9
	"	(659802)	-3.8 -6.4
	Tie to Strip 1	(659803)	-.9 -.4
	Tie to Strip 3	(699801)	.0 .0
	"	(669802)	.0 .0
	"	(699803)	.0 .0
	"	(700801)	.0 .0
	"	(700802)	.0 .0
	Tie to Strip 3	(700803)	.0 .0
	Tie to Strip 1	(660801)	.4 -7.6
	Tie to Strip 1	(660803)	1.2 -8.3

<u>Strip 20-1</u>			
▲13.	CIRCLE #13 Sub pt.A-panel	(972101)	.4 .6
▲12.	CIRCLE #12 Sub pt.A-panel	(972102)	-.5 -.1
▲11.	BODDIE, 1970-paneled		
	direct	(975100)	-.1 1.0
▲10.	WEST PT.2 Sub pt.A-panel	(976101)	.1 -.3
	Tie to Strip 20-2	(965801)	-1.2 .1
	"	(965802)	.3 .2
	"	(965803)	-1.3 -.4
	"	(965804)	3.1 3.5
	"	(965805)	1.0 3.0
	Tie to Strip 20-2	(965806)	-.4 2.0

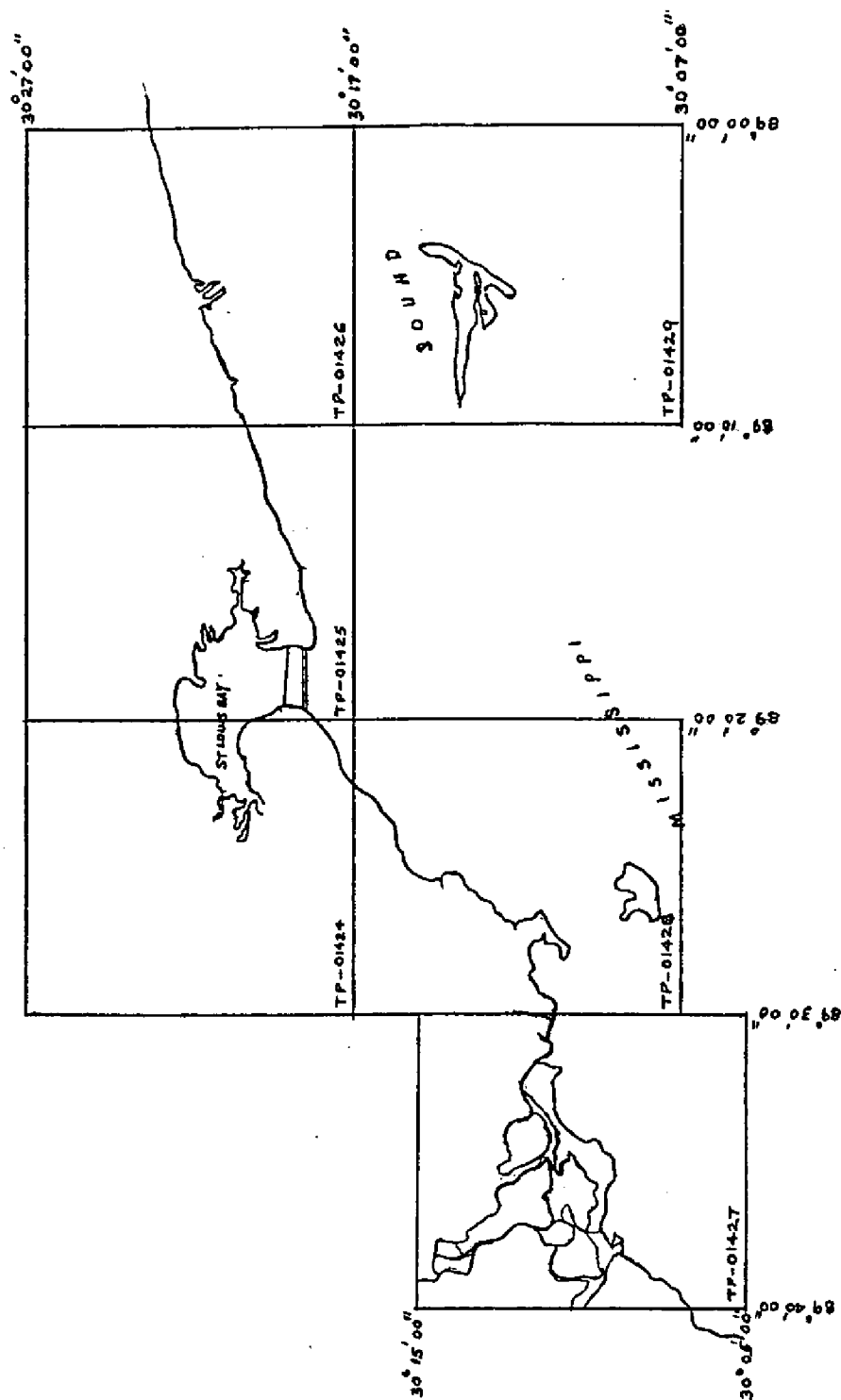
<u>Strip 20-2</u>			
▲ 12. CIRCLE #12 Sub pt.A-panel	(972102)	.0	.0
▲ 13. CIRCLE #13 Sub pt.A-panel	(972101)	.0	.0
Tie to Strip 20-1	(965801)	1.2	- .1
"	(965802)	.3	.2
"	(965803)	1.3	.4
"	(965804)	-3.1	-3.5
"	(965805)	-1.0	-3.0
Tie to Strip 20-1	(965806)	.4	-2.0

- Tie points held in adjustment
 ▲ Control points held in adjustment

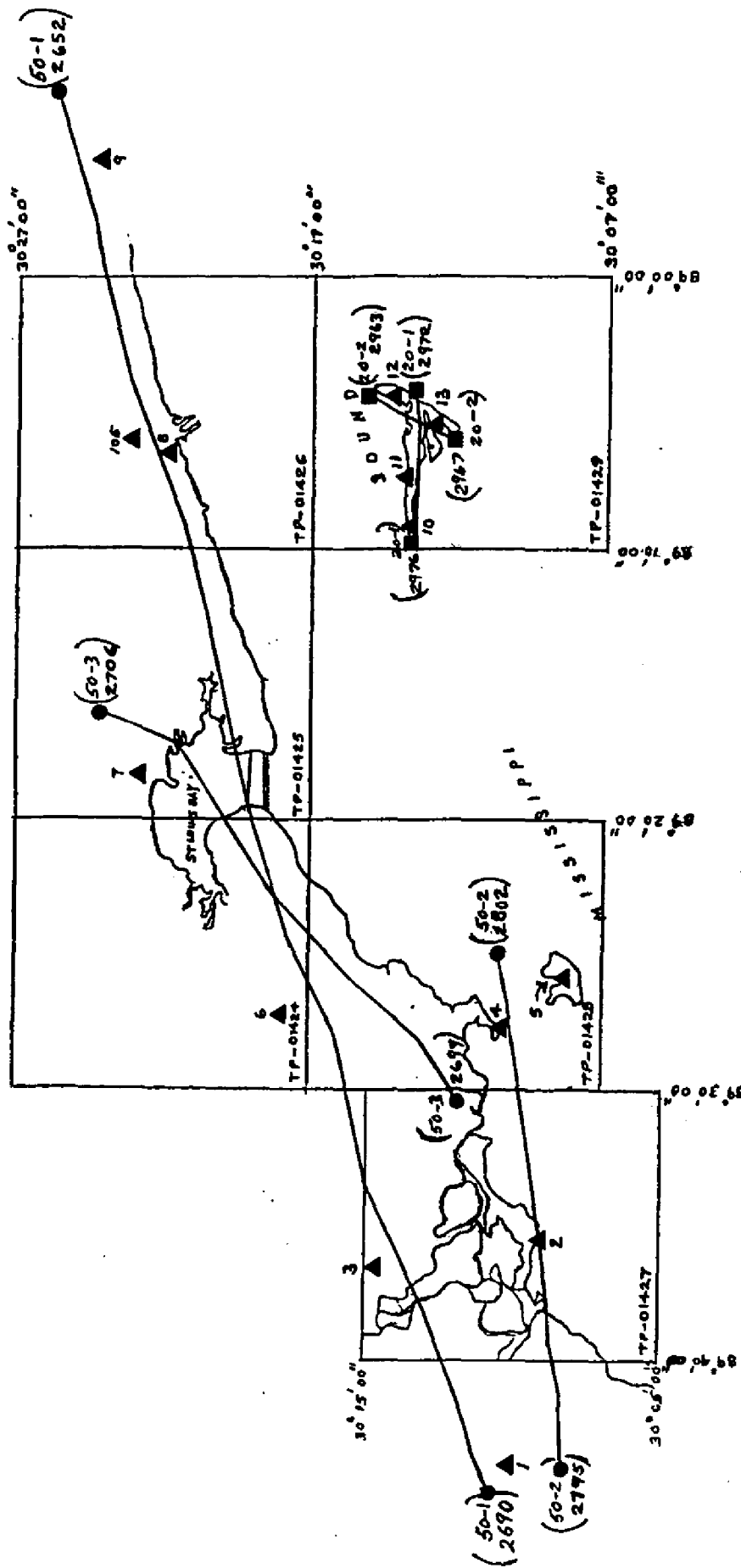
6

RATIO VALUE
CM-8602

<u>1:50,000 Bridging Photographs</u>	<u>Ratio Value</u>
86 B(C) 2652-2690	2.51
86 B(C) 2795-2802	2.48
86 B(C) 2699-2706	2.51
<u>1:20,000 Bridging Photographs</u>	
86 B(C) 2972-2976	0.99
86 B(C) 2963-2967	0.99
<u>MLLW 1:40,000 Black and White Infrared</u>	
86 Z(R) 0046-0048	1.98
<u>1:50,000 Black and White Infrared</u>	
86 Z(R) 0024-0034	2.42
<u>MHW 1:40,000 Black and White Infrared</u>	
87 Z(R) 0885-0888	2.02
<u>1:50,000 Black and White Infrared</u>	
86 Z(R) 9847-9848	2.48
86 Z(R) 9839-9841	2.47
87 Z(R) 0853-0863	2.46
87 Z(R) 0832-0841	2.47



JOB CM-8602
 GULFPORT TO LAKE BORGNE
 MISSISSIPPI - LOUISIANA
 SCALE 1:20,000

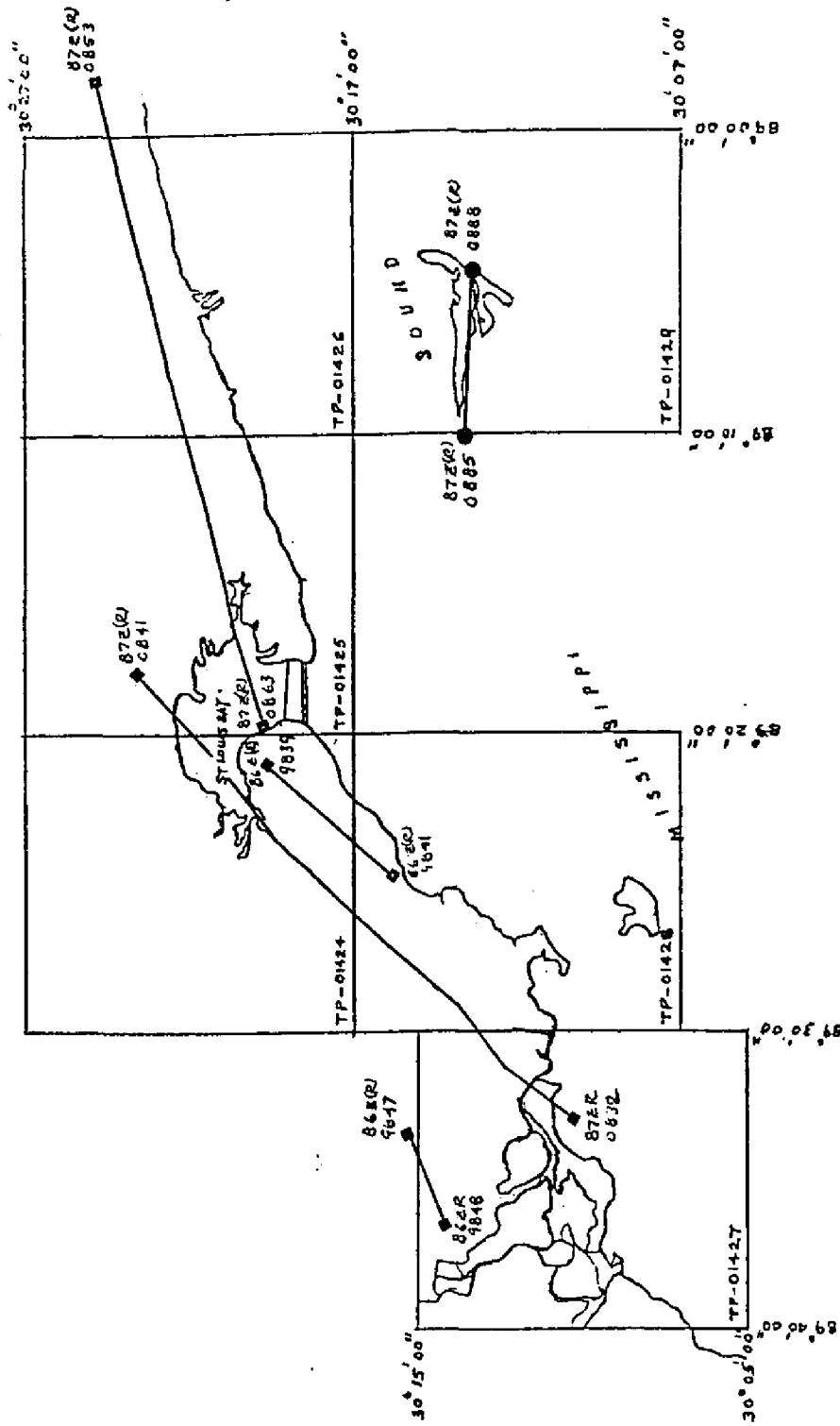


LEGEND

- 1:50,000 color (Bridging)
- 1:20,000 color (Bridging)
- ▲ CONTROL STATIONS

BRIDGING PHOTOGRAPHY

JOB CM-8602
GULFPORT TO LAKE BORGNE
MISSISSIPPI - LOUISIANA
SCALE 1:20,000



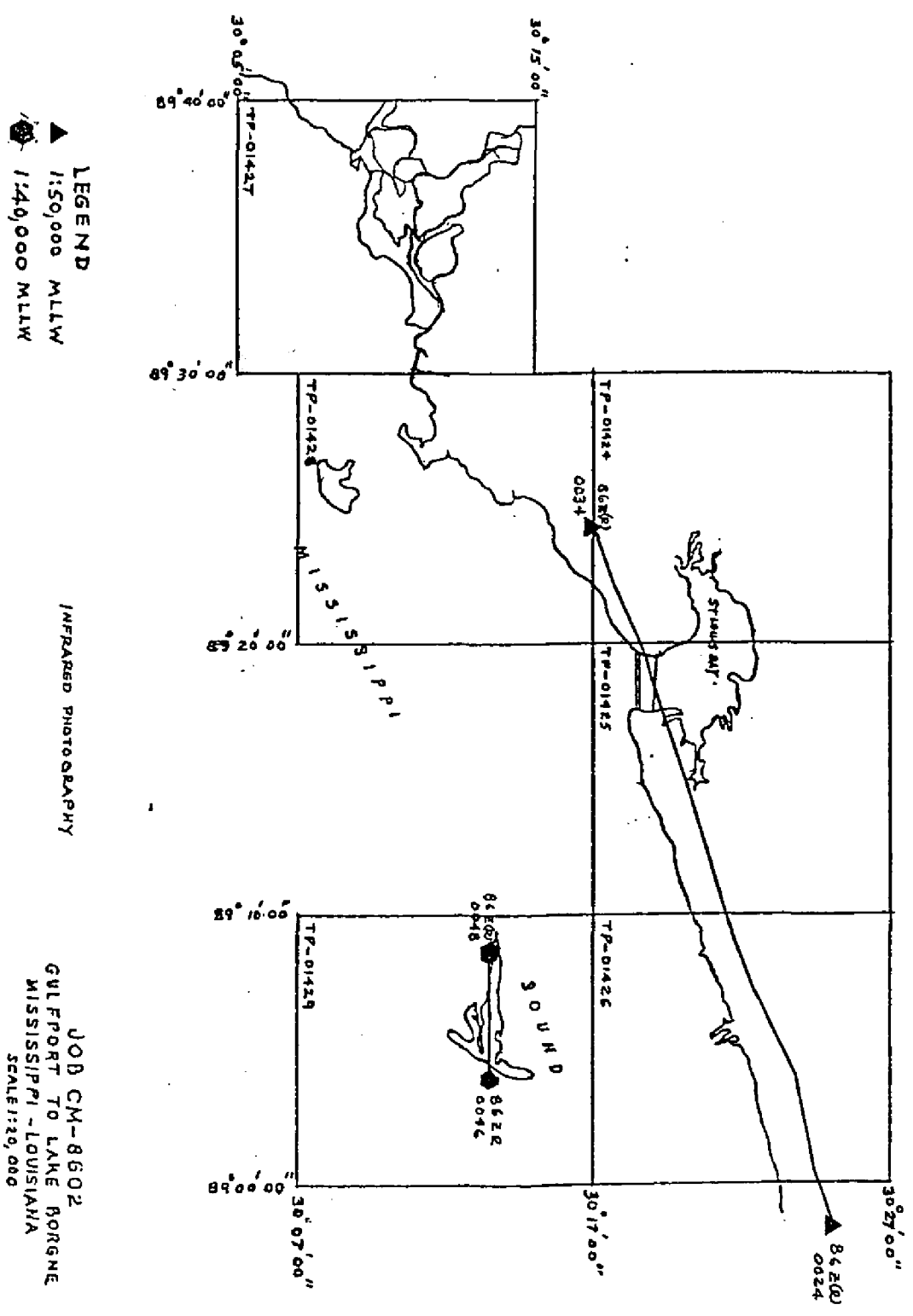
JOB CM-8602
GULFPORT TO LAKE BORGNE
MISSISSIPPI -LOUISIANA
SCALE 1:20,000

INFRARED PHOTOGRAPHY

LEGEND

■ 1:150,000 MHW

● 1:40,000 MHW



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETTIC DATUM		ORIGINATING ACTIVITY	
TP-01425		CM-8602		N.A. 1927		Unit, AMC, Norfolk, VA	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Mississippi ZONE East	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE		REMARKS	
PINE HILLS, 1930	Quad. 300892	705101	X=	φ	30° 23' 24.395" ~		
	Sta. 1049 ~		Y=	λ	89° 18' 47.504" ~		
			X=	φ			
			Y=	λ			
			X=	φ			
			Y=	λ			
			X=	φ			
			Y=	λ			
			X=	φ			
			Y=	λ			
			X=	φ			
			Y=	λ			
			X=	φ			
			Y=	λ			
			X=	φ			
	COMPUTED BY		DATE	COMPUTATION CHECKED BY		DATE	
LISTED BY R. R. Kravitz		DATE 6/10/88	LISTING CHECKED BY F. Mauldin		DATE 6/30/88		
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE		

COMPILATION REPORT

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31. DELINEATION:

Delineation was accomplished using Wild B-8 stereo instrument and graphic compilation methods. Instrument and graphic compilation were used to delineate the shoreline, alongshore, and interior detail based upon office interpretation of the 1:50,000 scale bridging/compilation color photographs and the tide coordinated mean high water infrared ratio photographs.

Tide coordinated mean lower low water infrared ratio photographs were used to graphically compile the approximate mean lower low water line. Control for all graphic delineation was provided by instrument compilation of coastal detail and common image points.

All photographs used to compile this map are listed on NOAA form 76-36B. The photography was adequate.

32. CONTROL:

The horizontal control was adequate. Refer to the Aerotriangulation Report, dated September 1987.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to this project. Drainage was compiled from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high water line was compiled from office interpretation of the 1:50,000 scale bridging/compilation color photographs and the tide coordinated mean high water infrared ratio photographs.

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36. OFFSHORE DETAILS:

Offshore detail was compiled by instrument methods using the 1:50,000 scale bridging/compilation color photographs as described in item #31.

The tide coordinated mean lower low water infrared ratio photographs were used to graphically compile the approximate mean lower low water line as described in item #31.

37. LANDMARKS AND AIDS:

Within the limits of this map, two charted landmarks and seventeen charted aids to navigation were located/verified photogrammetrically.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

Refer to the Data Record Form 76-36B, item 5, of the Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY:

See item #32.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with the following U.S. Geological Survey Quadrangles:

Pass Christian, Mississippi; dated 1955, photorevised 1985; scale 1:24,000

Bay St. Louis, Mississippi; dated 1956, photorevised 1970 and 1976; scale 1:24,000

Gulfport NW, Mississippi; dated 1956, photorevised 1985; scale 1:24,000

Vidalia, Mississippi; dated 1956, photorevised 1970 and 1976; scale 1:24,000

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47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following National Ocean Service charts:

11371; 28th edition; dated June 27, 1987; scale 1:80,000

11372; 20th edition; dated September 26, 1987; scale 1:40,000 SC

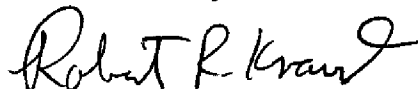
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:


None.

Submitted by:



Robert R. Kravitz
Cartographic Technician
June 13, 1988

Approved:



for James L. Byrd, Jr.
Chief, Coastal Mapping Unit

GEOGRAPHIC NAMES

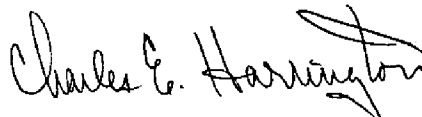
FINAL NAME SHEET

CM-8602 (Gulfport, MS to Lake Borgne, LA)

TP-01425

Acadian, Bayou	Mississippi Sound
Bay St. Louis	Pass Christian (locale)
Cedar Bayou	Pitcher Point
Cowand Point	Portage, Bayou
De Lisle	St. Louis Bay
De Lisle Bayou	Seaboard System (RR)
Grassy Point	Shell Beach (locale)
Henderson Point	White Harbor (locale)
Johnson Bayou	Whitfield Bight
Little Bay	Wolf River
Mallini Bayou	Young Bayou
Mallini Point	

Approved:



Charles E. Harrington
Chief Geographer
Nautical Charting Division
Charting and Geodetic Services

REVIEW REPORT
SHORELINE

TP-01425

61. GENERAL STATEMENT:

See Summary included with this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with the following USGS quadrangles:

BAY ST. LOUIS, MISSISSIPPI, dated 1956, photorevised
1970 and 1976,
GULFPORT N.W., MISSISSIPPI, dated 1956, photorevised
1985,
PASS CHRISTIAN, MISSISSIPPI, dated 1956, photorevised
1985,
VIDALIA, MISSISSIPPI, dated 1956, photorevised 1970
and 1976,
all four are 1:24,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

There is no contemporary hydrographic survey within the limits of this map.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following NOS nautical charts:

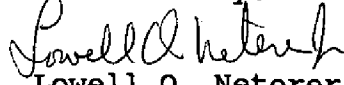
11371, 28th edition, dated June 27, 1987, scale
1:80,000
11372, 20th edition, dated September 26, 1987, scale
1:40,000.

TP-01425

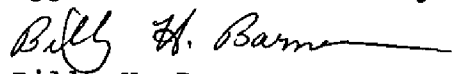
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:

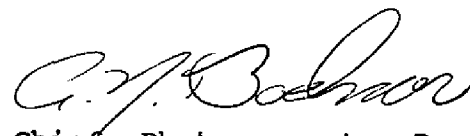

Lowell O. Neterer, Jr.
Final Reviewer
November 1988

Approved for Forwarding:


Billy H. Barnes
Chief, Quality Assurance Group

Approved:


Chief, Photogrammetric Sect.


Chief, Photogrammetry Br.

CARTOGRAPHIC FEATURES OF POSSIBLE LANDMARK VALUE LISTING

Page 1 of 2

PROJECT: CM-8602

MAP NUMBER (Scale); Locality: TP-01425; 1:20,000; Gulfport,
Mississippi to Lake Borgne, Louisiana

GEODETIC DATUM: N.A. 1927

The following cartographic features have been identified as being of possible landmark value. These features have been identified and measured during photogrammetric operations. Refer to Nautical Charting Division Standard Digital Data Exchange Format documentation for quality code (QC) criteria and clarification of cartographic codes (CC).

FEATURE DESCRIPTION	NCD CC	GEOGRAPHIC POSITION °-'-"		NCD O.C.	DATE OF LOCATION
		LATITUDE	LONGITUDE		
TOWER ✓	086 ✓	30 18 27.44 ✓	89 19 40.12 ✓	7 ✓	11-21-86 ✓
TANK ✓	086 ✓	30 19 35.92 ✓	89 13 20.40 ✓	7 ✓	11-21-86 ✓
JOURDAN RIVER CHANNEL LIGHT 5	200 ✓	30 20 55.08 ✓	89 19 56.95 ✓	7 ✓	11-21-86 ✓
ST. LOUIS BAY BAYOU PORTAGE CHANNEL LIGHT 1	200 ✓	30 19 53.58 ✓	89 18 17.26 ✓	7 ✓	11-21-86 ✓
DAYBEACON 2 ✓	224 ✓	30 20 24.94 ✓	89 17 54.44 ✓	7 ✓	11-21-86 ✓
LIGHT 3 ✓	200 ✓	30 20 32.64 ✓	89 17 51.48 ✓	7 ✓	11-21-86 ✓
DAYBEACON 4 ✓	224 ✓	30 20 30.85 ✓	89 17 42.45 ✓	7 ✓	11-21-86 ✓
DAYBEACON 5 ✓	767 ✓	30 20 32.64 ✓	89 17 13.93 ✓	7 ✓	11-21-86 ✓
LIGHT 7 ✓	200 ✓	30 20 32.96 ✓	89 16 37.36 ✓	7 ✓	11-21-86 ✓
DAYBEACON 9 ✓	767 ✓	30 20 32.86 ✓	89 16 13.70 ✓	7 ✓	11-21-86 ✓
DAYBEACON 12 ✓	224 ✓	30 20 31.34 ✓	89 15 27.67 ✓	7 ✓	11-21-86 ✓
LIGHT 13 ✓	200 ✓	30 20 33.09 ✓	89 15 18.53 ✓	7 ✓	11-21-86 ✓
TANK ✓	993 ✓	30 18 37.57 ✓	89 16 29.75 ✓	7 ✓	11-21-86 ✓

Listing approved by: Paul O. Ketchum December 1988
FINAL REVIEWER DATE

TP-01425

FEATURE DESCRIPTION	NCD	GEOGRAPHIC POSITION °-'-"						NCD	DATE OF
	CC	LATITUDE			LONGITUDE			Q.C.	LOCATION
WOLF RIVER LIGHT 3	200	30	20	51.12	89	18	01.35	7	11-21-86
LIGHT 5	200	30	21	16.01	89	17	46.24	7	11-21-86
DUPONT DIFFUSER PLATFORM LIGHT	200	30	22	15.62	89	19	04.61	7	11-21-86
DUPONT DIFFUSER PLATFORM LIGHT	200	30	22	16.24	89	19	04.16	7	11-21-86
MISSISSIPPI SOUND PASS CHRISTIAN WEST LIGHT 1	200	30	18	14.45	89	15	13.06	7	11-21-86
WEST LIGHT 2	200	30	18	26.69	89	14	59.29	7	11-21-86
BREAKWATER LIGHT 4	200	30	18	36.83	89	14	49.44	7	11-21-86

Listing approved by:

FINAL REVIEWER

DATE

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-01425

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]