

TP-01424

TP-01424

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-01424	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 BAY ST. LOUIS	
<div style="border: 1px solid black; padding: 5px; text-align: center;">19 86 TO 1987</div>	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72) <div style="text-align: center; margin-top: 5px;"> U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. </div> <div style="text-align: center; margin-top: 20px;"> DESCRIPTIVE REPORT - DATA RECORD </div>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED SURVEY TP. <u>01424</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III Final</u> JOB <u>WH. CM-8602</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE C. Dale North, Jr.		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation None Compilation May 27, 1988		Control August 1, 1986 Change #1 October 2, 1986	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify) _____	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) _____	
3. MAP PROJECTION <u>Transverse Mercator Projection</u>		4. GRID(S) STATE ZONE <u>Mississippi</u> <u>East</u>	
5. SCALE <u>1:20,000</u>		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		<u>L. Harrod</u>	<u>Sep. 1987</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Kongsberg Plotter</u> CHECKED BY		<u>L. Harrod</u> <u>D. Norman</u>	<u>Sep. 1987</u> <u>Sep. 1987</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY		<u>D. Miller</u> <u>F. Mauldin</u> <u>N.A.</u> <u>N.A.</u>	<u>June 1988</u> <u>June 1988</u>
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: <u>Smooth Drafted</u> CHECKED BY SCALE: <u>1:20,000</u> CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY		<u>D. Miller</u> <u>F. Mauldin</u> <u>N.A.</u> <u>N.A.</u> <u>D. Miller</u> <u>F. Mauldin</u>	<u>June 1988</u> <u>July 1988</u> <u>June 1988</u> <u>July 1988</u>
5. OFFICE INSPECTION PRIOR TO Final Review BY		<u>F. Mauldin</u>	<u>July 1988</u>
6. APPLICATION OF FIELD EDIT DATA BY		<u>N.A.</u>	
CHECKED BY		<u>N.A.</u>	
7. COMPILATION SECTION REVIEW <u>Class III</u> BY		<u>F. Mauldin</u>	<u>July 1988</u>
8. FINAL REVIEW <u>Class III</u> BY		<u>L. O. Neterer, Jr.</u>	<u>Oct. 1988</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		<u>L. O. Neterer, Jr.</u>	<u>Dec. 1988</u>
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		<u>P. Dempsey</u>	<u>June 1989</u>
11. MAP REGISTERED - COASTAL SURVEY SECTION BY			

TP-01424

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 10 (Z) (Z = 153.15mm)
Wild RC 10 (B) (B = 152.74mm)TYPES OF PHOTOGRAPHY
LEGEND

TIDE STAGE REFERENCE

- ☐ PREDICTED TIDES
☒ REFERENCE STATION RECORDS
☒ TIDE Coordinated Photography

- (C) COLOR
(P) PANCHROMATIC
(I) INFRARED

TIME REFERENCE

ZONE

Central

MERIDIAN

90°

☒ STANDARD☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
86 B(C) 2702-2705	11-21-86	10:42	1:50,000	*
86 Z(R) 0033	12-02-86	12:42	1:50,000	0.1 ft. above MLLW
87 Z(R) 0838	3-04-87	10:43	1:50,000	0.3 ft. below MHW
87 Z(R) 0863	3-04-87	10:59	1:50,000	0.2 ft. below MHW
Diurnal Tide Range - 1.7ft.				

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-01425	TP-01428	No Survey

REMARKS

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

TP-01424

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	RECOVERED BY T. Rowe ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY T. Rowe	Nov. 1986
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 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)2702	PHILIP 2, 1966		

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 76-19	5 Forms 75-63
1 Form 76-53	1 Form 76-86

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	Oct. 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
1		June 1989	Charted Landmarks and Aids to Navigation Form

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

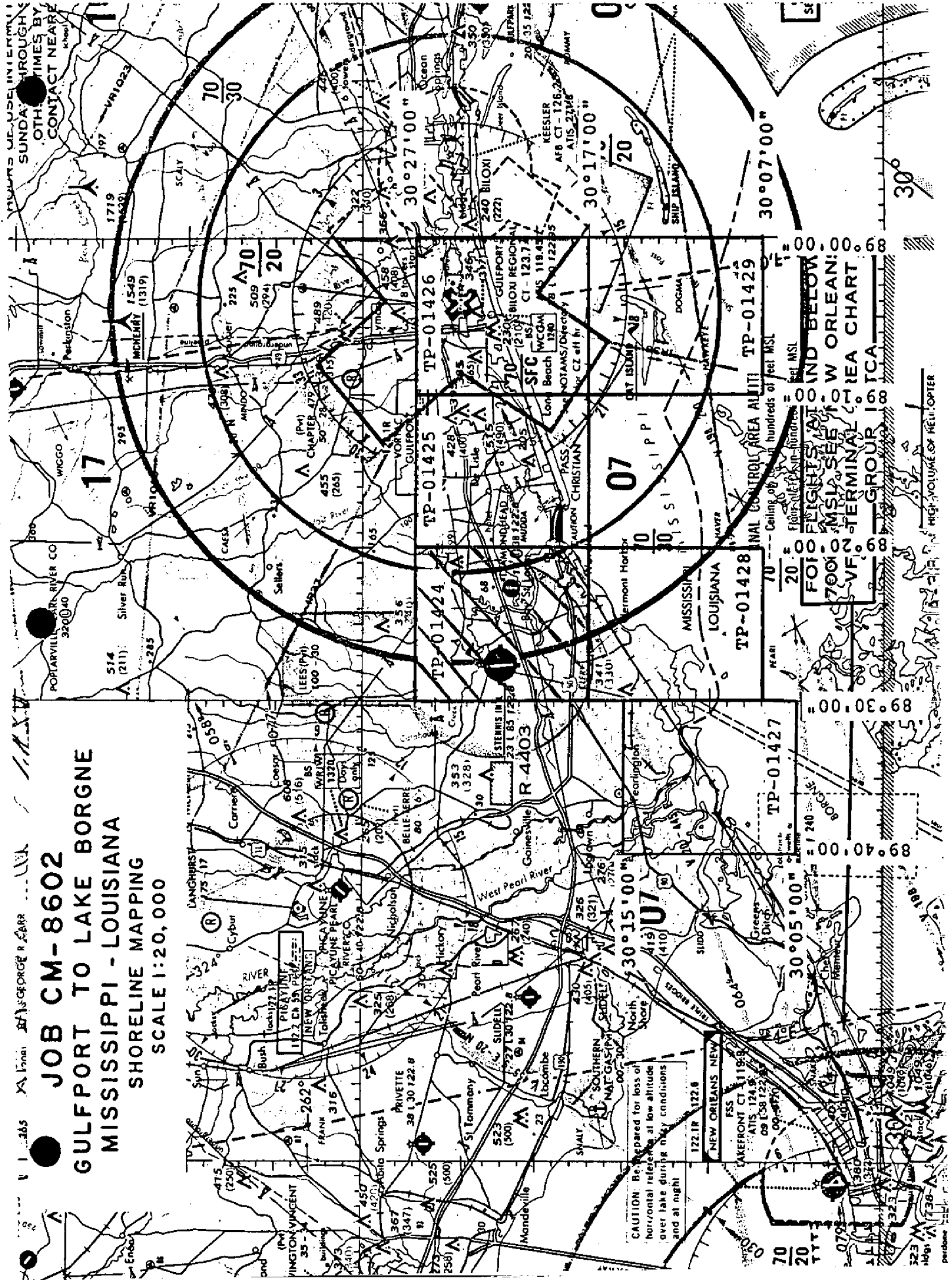
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:

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



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

TP-01427
 TP-01428
 TP-01429
 TP-01424
 TP-01425
 TP-01426

TP-01427
 TP-01428
 TP-01429
 TP-01424
 TP-01425
 TP-01426

TP-01427
 TP-01428
 TP-01429
 TP-01424
 TP-01425
 TP-01426

TP-01427
 TP-01428
 TP-01429
 TP-01424
 TP-01425
 TP-01426

TP-01427
 TP-01428
 TP-01429
 TP-01424
 TP-01425
 TP-01426

FLIGHTS: 1000
 7000
 10000
 15000
 20000
 25000
 30000
 35000
 40000
 45000
 50000
 55000
 60000
 65000
 70000
 75000
 80000
 85000
 90000
 95000
 100000

FLIGHTS: 1000
 7000
 10000
 15000
 20000
 25000
 30000
 35000
 40000
 45000
 50000
 55000
 60000
 65000
 70000
 75000
 80000
 85000
 90000
 95000
 100000

FLIGHTS: 1000
 7000
 10000
 15000
 20000
 25000
 30000
 35000
 40000
 45000
 50000
 55000
 60000
 65000
 70000
 75000
 80000
 85000
 90000
 95000
 100000

FLIGHTS: 1000
 7000
 10000
 15000
 20000
 25000
 30000
 35000
 40000
 45000
 50000
 55000
 60000
 65000
 70000
 75000
 80000
 85000
 90000
 95000
 100000

FLIGHTS: 1000
 7000
 10000
 15000
 20000
 25000
 30000
 35000
 40000
 45000
 50000
 55000
 60000
 65000
 70000
 75000
 80000
 85000
 90000
 95000
 100000

FLIGHTS: 1000
 7000
 10000
 15000
 20000
 25000
 30000
 35000
 40000
 45000
 50000
 55000
 60000
 65000
 70000
 75000
 80000
 85000
 90000
 95000
 100000

FLIGHTS: 1000
 7000
 10000
 15000
 20000
 25000
 30000
 35000
 40000
 45000
 50000
 55000
 60000
 65000
 70000
 75000
 80000
 85000
 90000
 95000
 100000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01424

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 October 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.

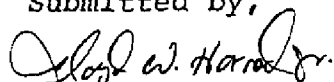
24. SUPPLEMENTAL DATA

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-~~0144~~ 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

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

Strip 50-3

▲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

Strip 20-1

▲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

5

Strip 20-2

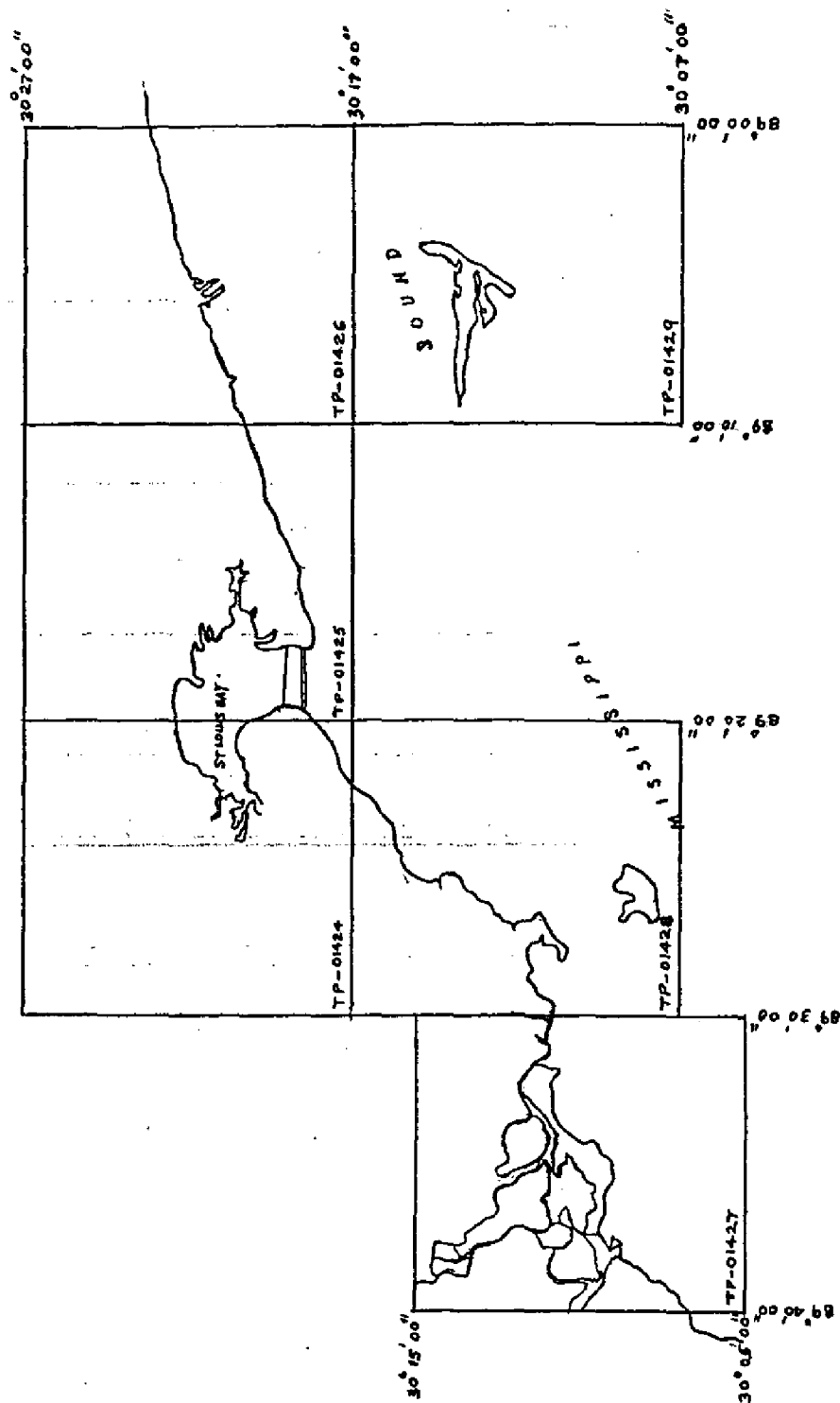
▲ 12. CIRCLE #12 Sub pt.A-panel	(972102)	.0	.0
▲ 13. CIRCLE #13 Sub pt.A-panel	(972101)	.0	.0
Tie to Strip 20-1	(965801)	1.2	- .1
"	(965802)	.3	.2
"	(965803)	1.3	.4
"	(965804)	-3.1	-3.5
"	(965805)	-1.0	-3.0
Tie to Strip 20-1	(965806)	.4	-2.0

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

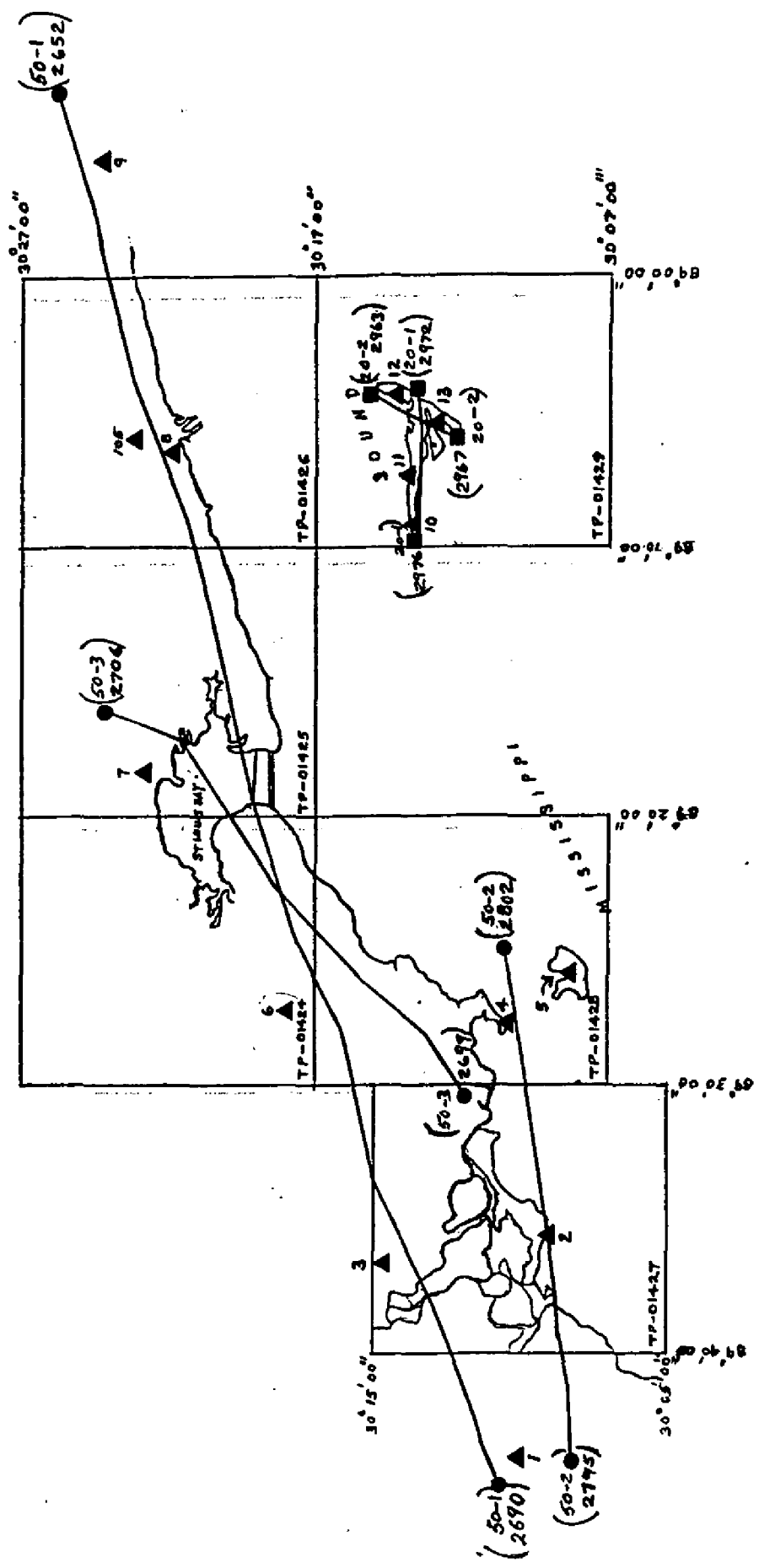
6

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

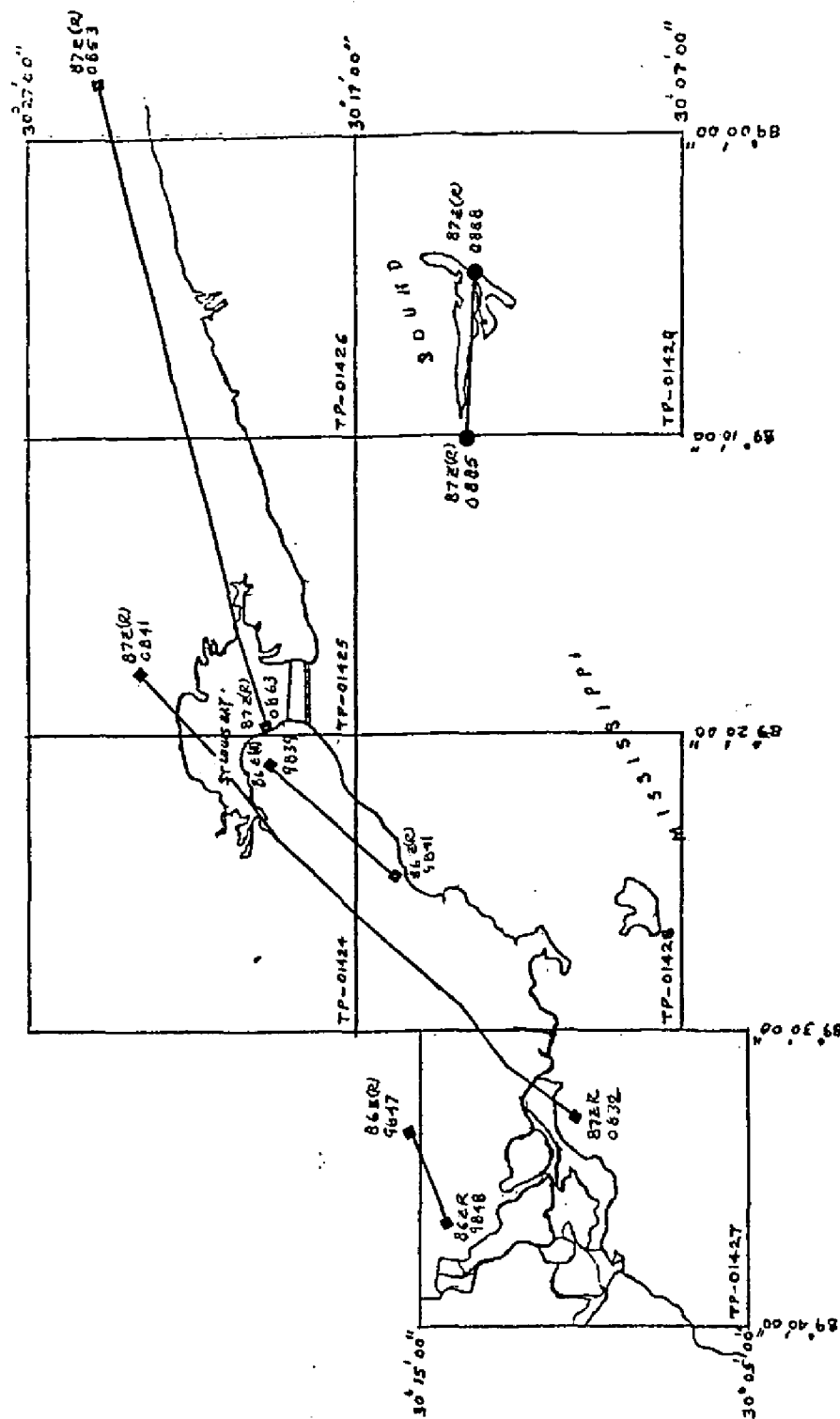


LEGEND

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

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

BRIDGING PHOTOGRAPHY



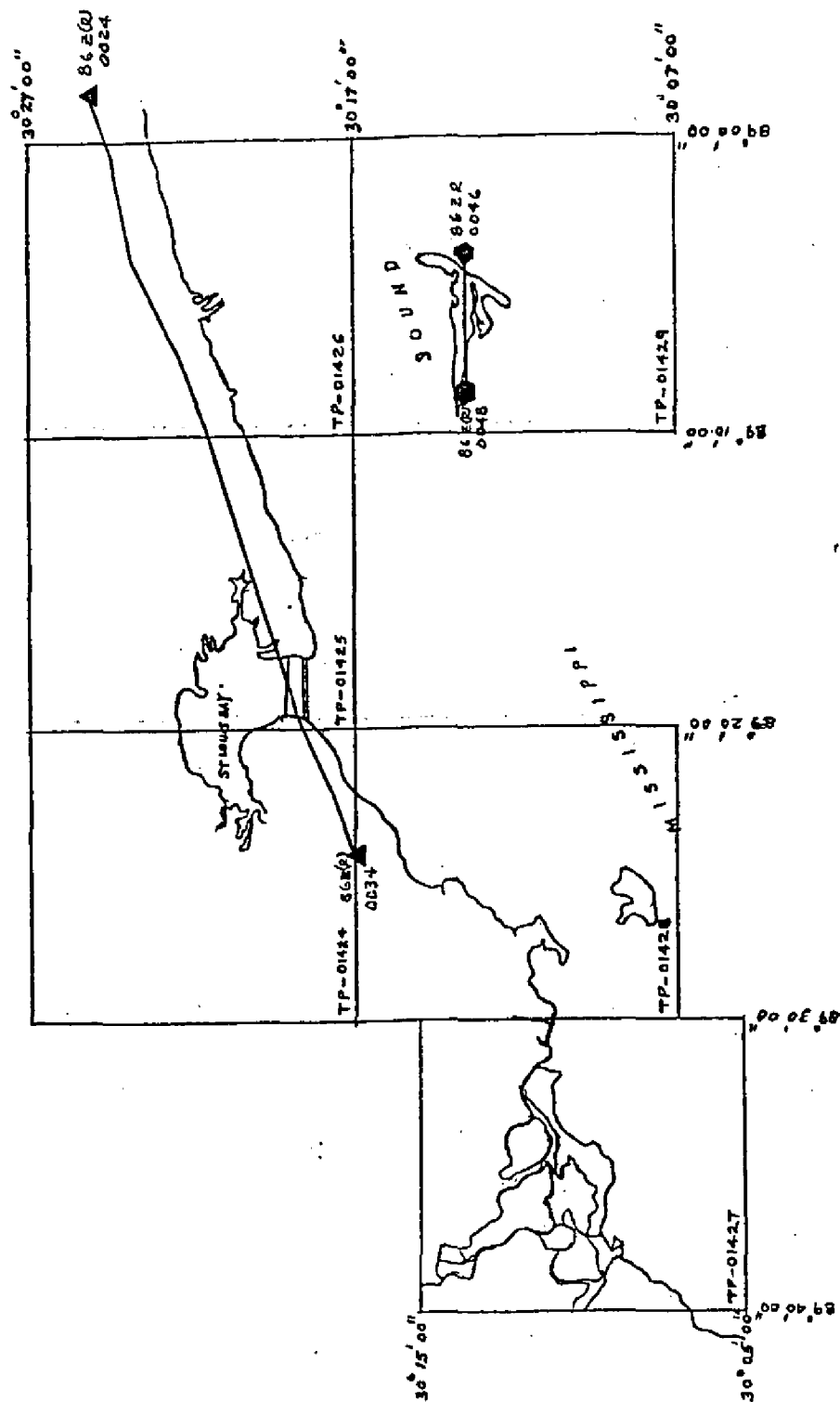
JOB CM-8602
GULFPORT TO LAKE BORGNE
MISSISSIPPI - LOUISIANA
SCALE 1:20,000

INFRARED PHOTOGRAPHY

LEGEND

■ 1:50,000 MHW

● 1:40,000 MHW



LEGEND
 ▲ 1:50,000 MLLW
 ● 1:40,000 MLLW

INFRARED PHOTOGRAPHY

JOB CM-8602
 GULFPORT TO LAKE BORGNE
 MISSISSIPPI - LOUISIANA
 SCALE 1:120,000

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	CM-8602	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY		REMARKS
					N.A. 1927	Unit, AMC, Norfolk, VA			
STATION NAME					COORDINATES IN FEET		GEOGRAPHIC POSITION		
					STATE	MISSISSIPPI	ϕ LATITUDE	λ LONGITUDE	
					ZONE	East			
			Quad 300892	665101	X=		ϕ 30° 17' 58.693"		
PHILIP 2, 1966		Sta 1048			Y=		λ 89° 27' 24.695"		
					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		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
COMPUTED BY									
					DATE	COMPUTATION CHECKED BY		DATE	
LISTED BY					DATE	LISTING CHECKED BY		DATE	
D. Miller					6/10/88	F. Mauldin		7/12/88	
HAND PLOTTING BY					DATE	HAND PLOTTING CHECKED BY		DATE	

COMPILATION REPORT

TP-01424

31. DELINEATION:

Delineation was accomplished using Wild B-8 stereo instrument and graphic compilation methods. Instrument and graphic compilation were used to delineate 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. The Jourdan River was compiled to the limit of available photograph coverage, approximately 30° 22.3' latitude.

Tide coordinated mean lower low water infrared ratio photographs were used to graphically compile the approximate mean lower low water line to 30° 20.7' latitude and 89° 24.0' longitude. Control for all graphic delineation was provided by instrument compilation of coastal detail.

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 DETAIL:

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.

TP-01424

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, four charted landmarks and no 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:

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

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

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

TP-01424

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:

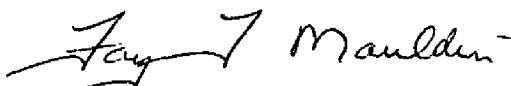
None.

Submitted by:



David R. Miller
Cartographer
June 15, 1988

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-01424

Bay St. Louis

Breath Bayou

Brewer, Bayou

Cameron Island

Catfish Bayou

Cedar Point

Croix, Bayou la

Cutoff Bayou

Cutoff Lake

Diamondhead Airport

Edwards Bayou

Four Dollar Bayou

Joes Bayou

Jourdan River

Mississippi Sound

Philip, Bayou

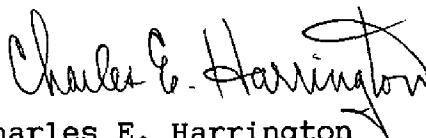
St. Louis Bay

Umbrella Bayou

Watts Bayou

Waveland

Approved:



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

REVIEW REPORT
SHORELINE

TP-01424

61. GENERAL STATEMENT:

See Summary submitted 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,
VIDALIA, MISSISSIPPI, dated 1956, photorevised 1970
and 1976,
WAVELAND, MISSISSIPPI, dated 1956, photorevised 1970
and 1976,
all three 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:

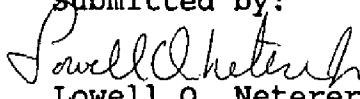
11371, 28th edition, dated June 27, 1987, scale
1:80,000
11372, 20th edition, dated September 26, 1987, scale
1:40,000 SC.

TP-01424

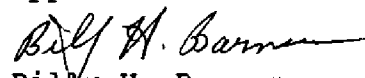
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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
October 1988

Approved for Forwarding:


Billy H. Barnes
Chief, Quality Assurance Group

Approved:


Chief, Photogrammetric Sect.


Chief, Photogrammetry Br.

CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION LISTING

Page 1 of 1

PROJECT: CM-8602

MAP NUMBER (Scale); Locality: TP-01424; 1:20,000; Gulfport,
Mississippi to Lake Borgne, Louisiana

GEODETIC DATUM: North American Datum 1927

The following charted landmarks and nonfloating aids to navigation have been measured and or confirmed 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).

<u>FEATURE DESCRIPTION</u>	<u>NCD</u> <u>CC</u>	<u>GEOGRAPHIC POSITION °-'-"</u>		<u>NCD</u> <u>Q.C.</u>	<u>DATE OF</u> <u>LOCATION</u>
		<u>LATITUDE</u>	<u>LONGITUDE</u>		
<u>TANK</u>	086 ✓	30 17 06.40 ✓	89 22 30.90 ✓	7 ✓	11-21-86 ✓
<u>TANK</u>	086 ✓	30 18 25.70 ✓	89 20 36.60 ✓	7 ✓	11-21-86 ✓
<u>TANK</u>	086 ✓	30 19 29.20 ✓	89 20 28.40 ✓	7 ✓	11-21-86 ✓
<u>TANK</u>	086 ✓	30 19 30.40 ✓	89 20 14.20 ✓	7 ✓	11-21-86 ✓

Listing approved by:

FINAL REVIEWER

DATE _____

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-01424

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]