TP-01428

TP-01428

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.	*Edition No.*
TP-01428	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
HALF MOON ISLAND

1986 TO 1987

REGISTERED IN ARCHIVES

DATE

*U.S. GOVERNMENT PRINTING OFFICE: 1980-665-115

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY
- [x] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

SURVEY TP-01428
MAP EDITION NO. (1)
MAP CLASS III Final
JOB PH-CM-8602

PHOTOGRAMMETRIC OFFICE
Coastal Mapping Unit
Atlantic Marine Center, Norfolk, VA

OFFICER-IN-CHARGE
C. Dale North, Jr.

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

JOB PH-
MAP CLASS
SURVEY DATES:
19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE		2. FIELD	
Aerotriangulation	None	Control	August 1, 1986
Compilation	May 27, 1988	Change #1	October 2, 1986

II. DATUMS

1. HORIZONTAL: [x] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [x] MEAN HIGH-WATER; [ ] MEAN LOW-WATER; [x] MEAN LOWER LOW-WATER; [ ] MEAN SEA LEVEL — OTHER (Specify)

3. MAP PROJECTION: Transverse Mercator Projection

4. GRID(S): STATE: Mississippi; ZONE: East

5. SCALE: 1:20,000 — STATE: ; ZONE:

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY	L. Harrod	Sep. 1987
METHOD: Analytic	LANDMARKS AND AIDS BY	L. Harrod	Sep. 1987
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	L. Harrod	Sep. 1987
METHOD: Kongsberg Plotter	CHECKED BY	D. Norman	Sep. 1987
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	R. Kravitz	June 1988
	CHECKED BY	F. Mauldin	June 1988
INSTRUMENT: Wild B-8	CONTOURS BY	N.A.	
SCALE: 1:20,000	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	R. Kravitz	June 1988
	CHECKED BY	F. Mauldin	Aug. 1988
METHOD: Smooth Drafted	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	R. Kravitz	June 1988
	CHECKED BY	F. Mauldin	Aug. 1988
5. OFFICE INSPECTION PRIOR TO Final Review	BY	F. Mauldin	Aug. 1988
6. APPLICATION OF FIELD EDIT DATA	BY	N.A.	
	CHECKED BY	N.A.	
7. COMPILATION SECTION REVIEW Class III	BY	F. Mauldin	Aug. 1988
8. FINAL REVIEW Class III	BY	L. O. Neterer, Jr.	Dec. 1988
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	L. O. Neterer, Jr.	Dec. 1988
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	P. Dempsey	Feb. 1989
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY		

NOAA FORM 76-36A — SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

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

TP-01428

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

TIME REFERENCE
ZONE: Central
[X] STANDARD
MERIDIAN: 90°
[ ] DAYLIGHT

TIDE STAGE REFERENCE
[ ] PREDICTED TIDES
[ ] REFERENCE STATION RECORDS
[X] TIDE Coordinated Photography

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
86 B(C) 2699-2703	11-21-86	1042	1:50,000	*
86 B(C) 2800-2802	11-26-86	0936	1:50,000	*
86 Z(R) 9841	11-10-86	0949	1:50,000	0.3 ft. above MHW (Pearl River)
87 Z(R) 0834, 0836	03-04-87	1043	1:50,000	0.3 ft. below MHW (Cadet Point)
86 Z(R) 0033	12-02-86	1242	1:50,000	0.1 ft. above MLLW (Cadet Point)
				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 stations at Cadet Point and Pearl River. *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:

A partial mean lower low-water line was compiled graphically from the above listed black and white infrared ratio photographs to the limit of photographic coverage.

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
TP-01424	No Survey	No Survey	TP-01427

REMARKS

☆U.S.GOVERNMENT PRINTING OFFICE: 1985-564-007

NOAA FORM 76-36C
(3-72)

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

TP-01428

HISTORY OF FIELD OPERATIONS

I. [X] FIELD [redacted] OPERATION [ ] FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R. DeCroix	Nov. 1986
2. HORIZONTAL CONTROL	RECOVERED BY	R. DeCroix/T. Parker	Nov. 1986
	ESTABLISHED BY	N.A.	
	PRE-MARKED OR IDENTIFIED BY	R. DeCroix/T. Parker	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: [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [X] NO INVESTIGATION — BY		
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

PHOTO NUMBER	STATION NAME
86B(C)2801	CLEAR 2, 1966
86B(C)2801	ARK, 1934

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION DESIGNATION

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 [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [X] NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

2 Forms 76-53

☆ U.S. GPO: 1977-765-092/1105 Region 6

NOAA FORM 76-36D
(3-72)

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

TP-01428

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Aug. 1988	Class III Manuscript		
Final Review	Dec. 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: _____

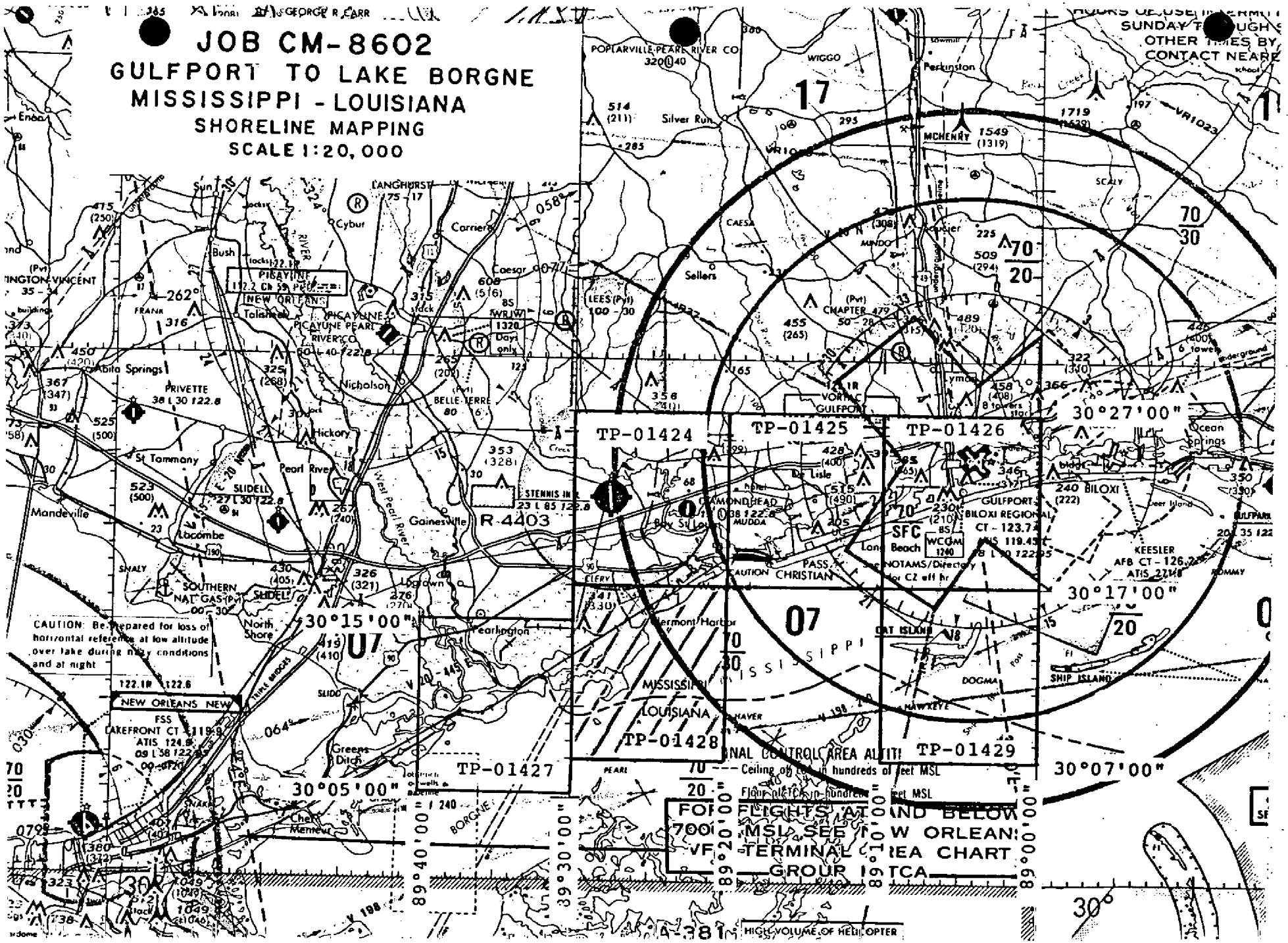
III. FEDERAL RECORDS CENTER DATA

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)*

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH- _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL

☆ U.S. GPO: 1977-765-092/1106 Region 6


JOB CM-8602
GULFPORT TO LAKE BORGNE
MISSISSIPPI - LOUISIANA
SHORELINE MAPPING
SCALE 1:20,000
TP-01424
TP-01425
TP-01426
TP-01427
TP-01428
TP-01429
R-4403
30°27'00"
30°17'00"
30°15'00"
30°07'00"
30°05'00"
89°40'00"
89°30'00"
89°20'00"
89°10'00"
89°00'00"
CAUTION: Be prepared for loss of horizontal reference at low altitude over lake during hazy conditions and at night
Gulfport
Biloxi
Ocean Springs
Pass Christian
Mandeville
Slidell
Pearlington
Bay St. Louis
Long Beach
Gainesville
Lacombe
Hickory
Nicholson
Pearl River
St Tammany
Bush
Carriere
Sellers
Perkinston
Wiggo
Silver Run
Poplarville Pearl River Co
Ship Island
Dogma
Hawkeye
Diamondhead
Mudda
Caution
Fleury
Hermon Harbor
Greens Ditch
Chef Menteur
Borgne
Pearl
Mississippi
Louisiana
Keesler AFB CT - 126.2
ATIS 27.8
Biloxi Regional CT - 123.7
ATIS 119.45
SFC
WCOM 1240
NOTAMS/Directory
FOR FLIGHTS AT AND BELOW 700' MSL SEE NEW ORLEANS TERMINAL AREA CHART GROUP I TCA
HIGH VOLUME OF HELICOPTER

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01428

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 and December 1986 using color film with the "B" camera (focal length 152.74 millimeters) and in 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 August 1988.

Final Review was accomplished at the Atlantic Marine Center in December 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-~~01447~~ and TP-01428 by the infrared photographs was incomplete. 01427

Submitted by,

Lloyd W. Harrod, Jr.

Lloyd W. Harrod, Jr.

Approved and Forwarded

Don O. Norman

Don O. Norman
Chief, Aerotriangulation Unit

GULFPORT TO LAKE BORGNE
MISSISSIPPI-LOUISIANA
CM-8602

SEPTEMBER 1987

FIT TO CONTROL - X AND Y IN FEET

STRIP 50-1	POINT NO.	X	Y
▲ 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
STRIP 50-2			
▲ 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

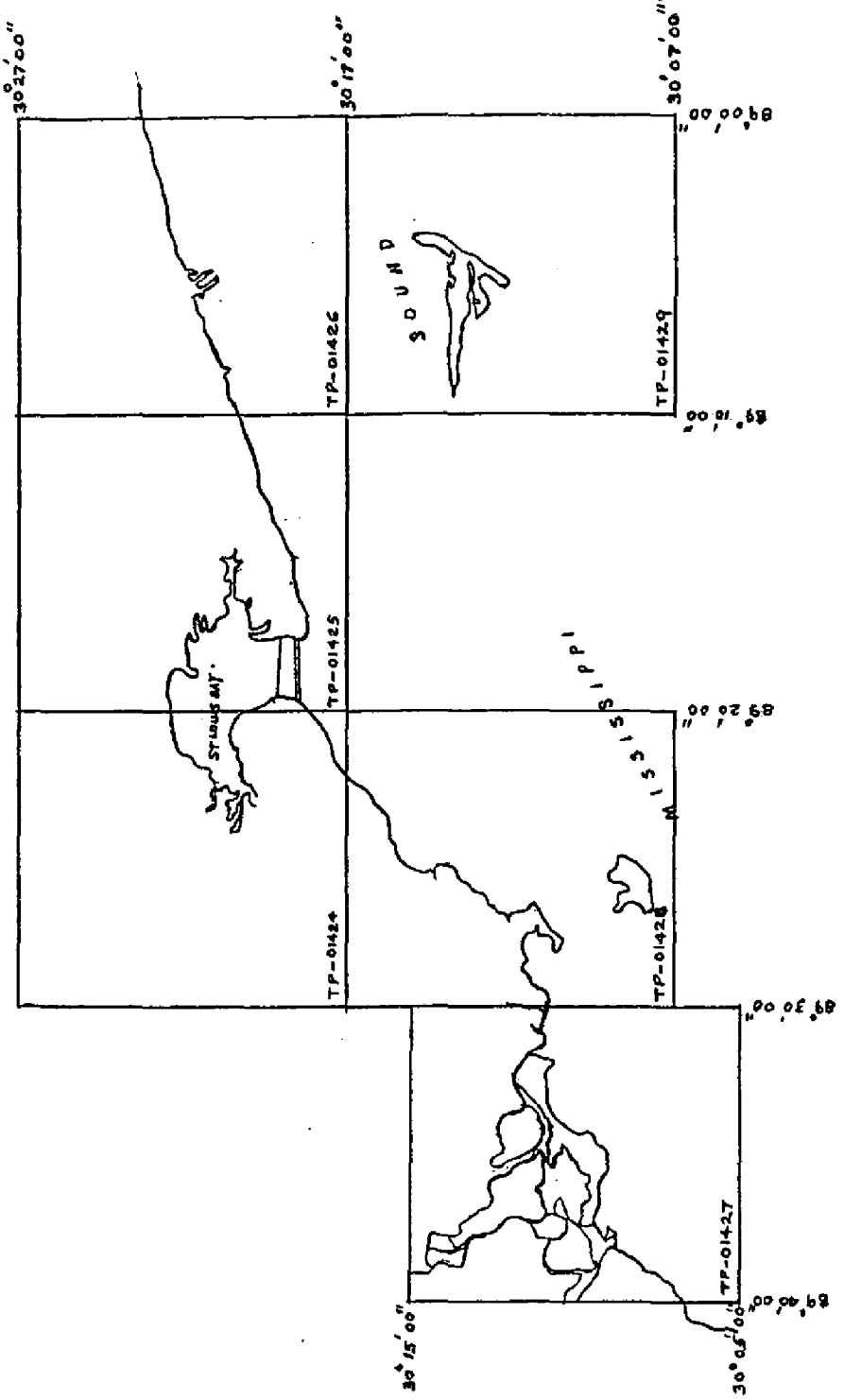
Strip 50-3				
▲4.	Clear, 2, 1966 RM4-panel	(699101)	1.5	1.4
▲6.	PHILIP 2, 1966 sub pt.A-panel	(665101)	.8	2.0
▲7.	PINE HILLS sub pt.A-panel	(705101)	-8.4	5.6
	Tie To Strip 1	(667803)	-2.7	- .6
■	"	(662801)	6.9	-2.3
■	"	(660802)	1.9	6.0
■	"	(667801)	4.9	2.1
	"	(667802)	- .3	-4.2
	"	(665801)	1.5	2.2
	"	(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

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

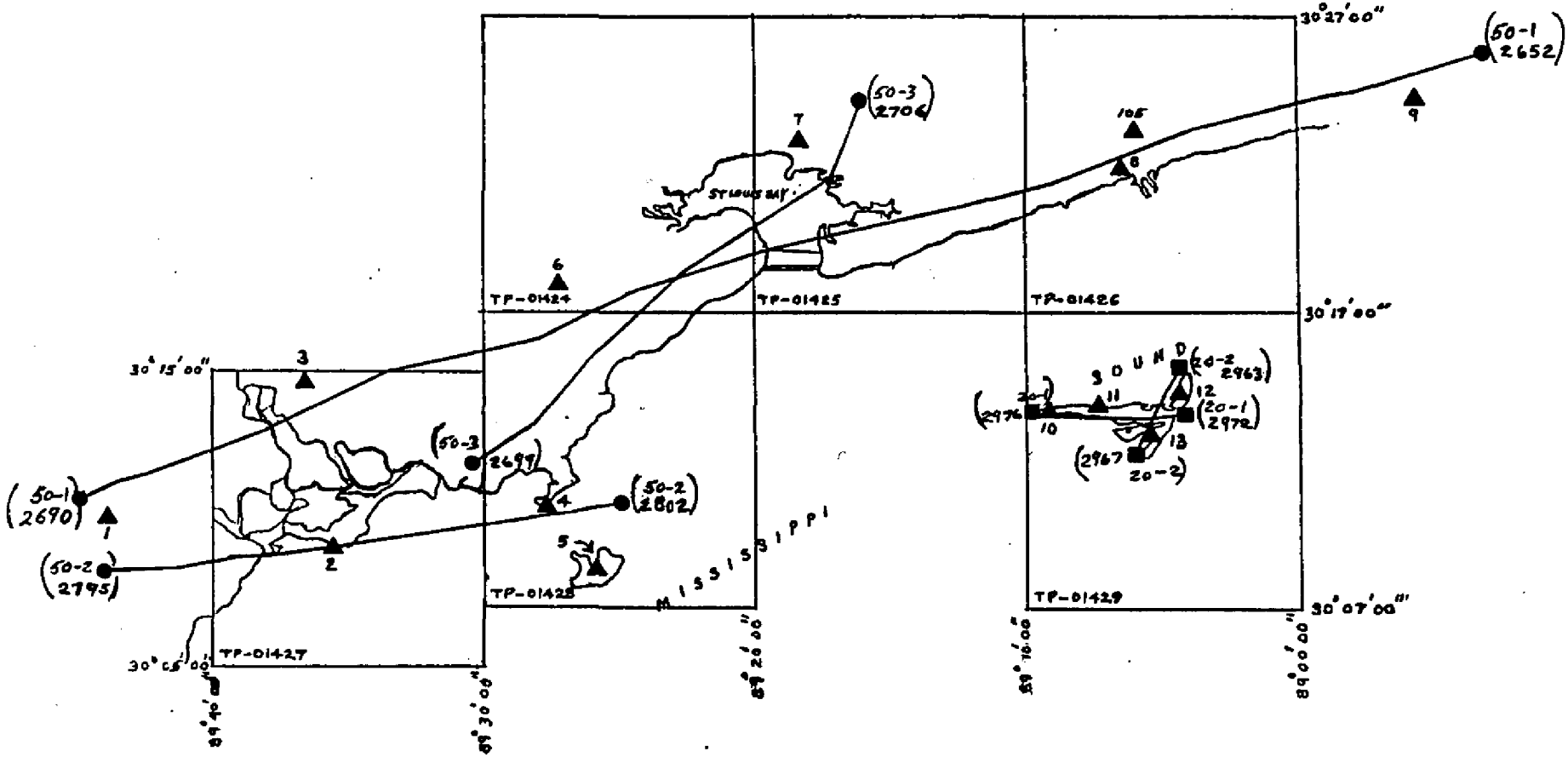
■ Tie points held in adjustment
▲ Control points held in adjustment

RATIO VALUE
CM-8602

1:50,000 Bridging Photographs	Ratio Value
86 B(C) 2652-2690	2.51
86 B(C) 2795-2802	2.48
86 B(C) 2699-2706	2.51
1:20,000 Bridging Photographs	
86 B(C) 2972-2976	0.99
86 B(C) 2963-2967	0.99
MLLW 1:40,000 Black and White Infrared	
86 Z(R) 0046-0048	1.98
1:50,000 Black and White Infrared	
86 Z(R) 0024-0034	2.42
MHW 1:40,000 Black and White Infrared	
87 Z(R) 0885-0888	2.02
1:50,000 Black and White Infrared	
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

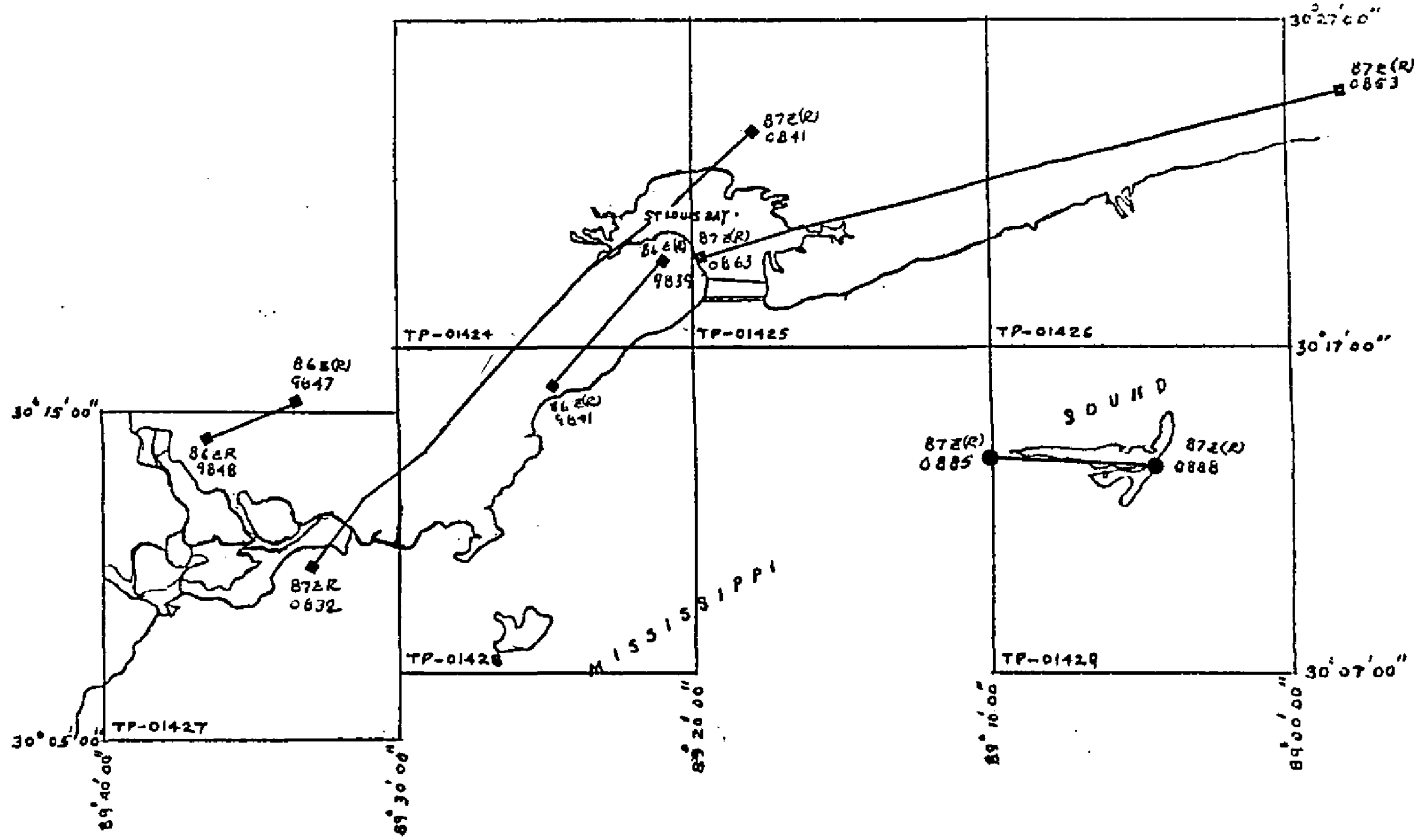


LEGEND

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

BRIDGING PHOTOGRAPHY

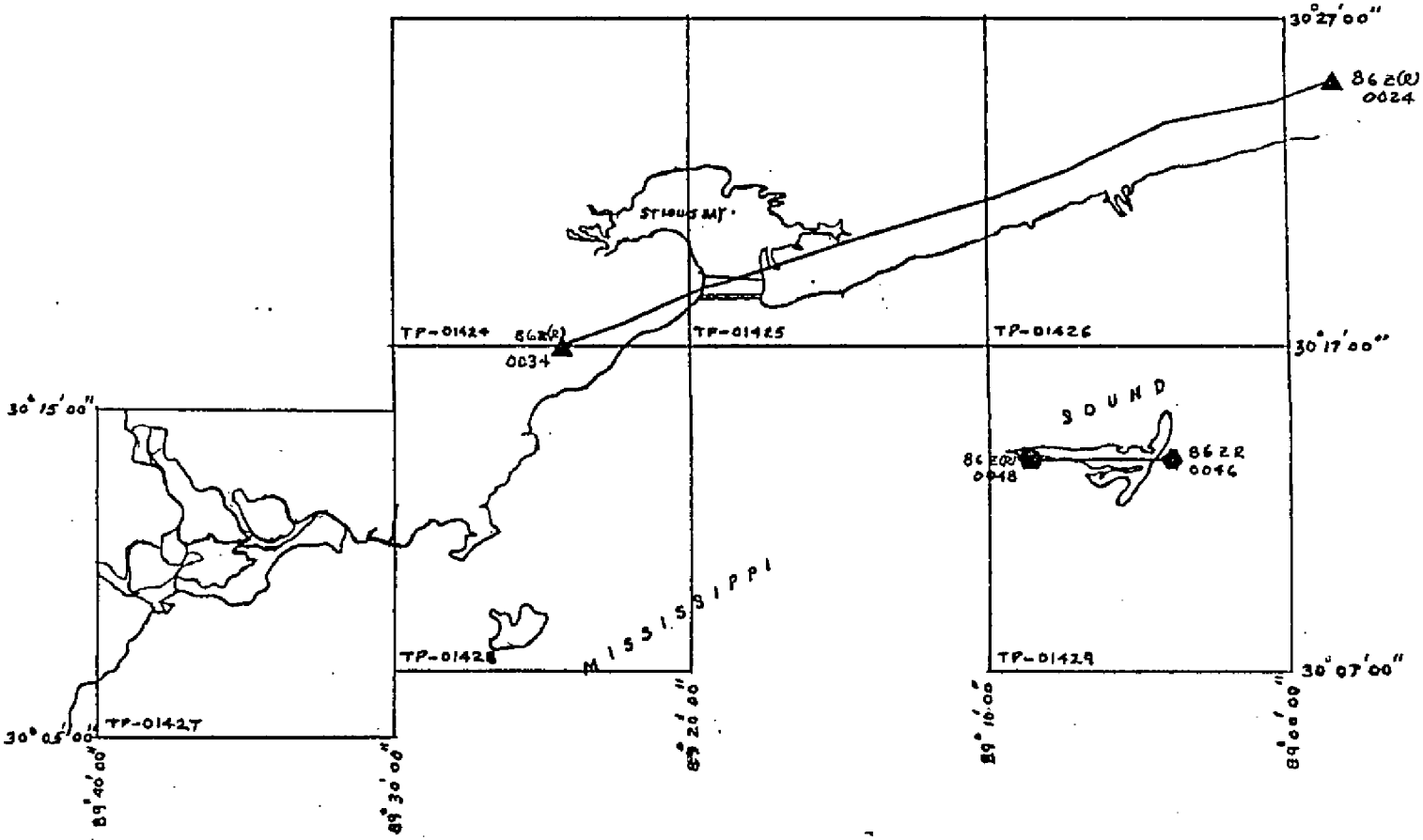
JOB CM-8602
GULFPORT TO LAKE BORGNE
MISSISSIPPI - LOUISIANA
SCALE 1:20,000



LEGEND
■ 1:50,000 MHW
● 1:40,000 MHW

INFRARED PHOTOGRAPHY

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



LEGEND

▲ 1:50,000 MLLW

⬣ 1:40,000 MLLW

INFRARED PHOTOGRAPHY

JOB CM-8602

GULFPORT TO LAKE BORGNE

MISSISSIPPI - LOUISIANA

SCALE 1:20,000

NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
TP-01428	CM-8602	N.A. 1927	Coastal Mapping 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
CLEAR 2, 1966 ✓	Quad 300892 ✓ Sta 1064 ✓	699101 ✓	x=	φ 30° 10' 27.588" ✓	
			y=	λ 89° 27' 46.444" ✓	
ARK, 1934 ✓	Quad 300892 ✓ Sta 1002 ✓	801101 ✓	x=	φ 30° 08' 25.609" ✓	
			y=	λ 89° 26' 01.980" ✓	
			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 R. R. Kravitz	DATE 6/14/88	LISTING CHECKED BY F. Mauldin	DATE 7/22/88
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

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COMPILATION REPORT

TP-01428

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 tide coordinated mean high water infrared ratio photographs where infrared photography was available. There was no mean high water infrared photograph coverage south of 30° 12.7' latitude.

Tide coordinated mean lower low water infrared ratio photographs were used to graphically compile the approximate mean lower low water line to the limit of available coverage at 30° 15.3' latitude and 89° 25.0' 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 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 as described in item #31.

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 where coverage was available as described in item #31.

37. LANDMARKS AND AIDS:

Within the limits of this map, one charted landmark and four 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
Grand Island Pass, Mississippi-Louisiana; dated 1956, photorevised 1970; scale 1:24,000
Bay St. Louis, 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:

11367; 20th edition; dated June 13, 1987; scale 1:40,000 SC
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 23, 1988

Approved:

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

SEP 2 [illegible]
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GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-01428

Ansley
Bolan, Bayou
Borgne, Lake
Brush Bayou
Bryan Bayou
Caddy, Bayou
Campbell Inside Bayou
Campbell Outside Bayou
Cedar Island
Clear, Point
Clermont Harbor (locale)
Gamblers Bayou
Gamblers Bend
Grand Bayou
Grassy Island
Grauthier Bayou
Half Moon Island
Heron Bay
Heron Bay Bayou
Heron Bay Point
Lakeshore
Landmark Bayou
Lighthouse Bayou
Lighthouse Point
Mississippi Sound
Mud Bayou
Peters Ditch
Point Clear Island
Pokey Dutch
Redfish Bayou
St. Joe Pass
St. Joseph Point
Sand Bayou
Seaboard System (RR)
Shrimp Bayou
Three Oaks Bayou
Toncre, Bayou
Waveland

Approved:

Charles E. Harrington

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

REVIEW REPORT
SHORELINE

TP-01428

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,
GRAND ISLAND PASS, MISSISSIPPI-LOUISIANA, dated 1956, photorevised 1970,
WAVELAND, MISSISSIPPI, dated 1956, photorevised 1970 and 1976,
all three are 1:24,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

There are no contemporary hydrographic surveys within the limits of this map.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following NOS nautical charts:

11367, 20th edition, dated June 13, 1987, scale 1:40,000
11371, 28th edition, dated June 27, 1987, scale 1:40,000
11372, 20th edition, dated September 26, 1987, scale 1:40,000.

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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
December, 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

PROJECT: CM-8602

MAP NUMBER (Scale); Locality: TP-01428; 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°-'-" LATITUDE	LONGITUDE	NCD Q.C.	DATE OF LOCATION
SPIRE	086	30 16 37.18	89 22 26.64	7	11-21-86
BAYOU CADDY LIGHT 5	200	30 14 17.08	89 25 28.05	7	11-21-86
LIGHT 4	200	30 14 21.43	89 25 00.97	7	11-21-86
ST. JOSEPH ISLAND LIGHT 22	200	30 11 03.73	89 25 33.23	7	11-26-86
MISSISSIPPI SOUND GRAND ISLAND CHANNEL LIGHT 21	200	30 10 45.30	89 24 09.49	7	11-26-86

Listing approved by: Powell C. Peters [signature]
FINAL REVIEWER

December 1988
DATE

FORM C&GS-8352
(3-28-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-01428

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.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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