

TP-01394

TP-01394

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-01394

*Edition No.*

1

*Job No.*

CM-8510

*Map Classification*

CLASS III FINAL

*Type of Survey*

SHORELINE

## LOCALITY

*State*

MISSISSIPPI-ALABAMA

*General Locality*

GULFPORT, MISSISSIPPI TO FOWL RIVER BAY, ALABAMA

*Locality*

GRAND BAY

19 86 TO 19

REGISTERED IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.																											
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">TYPE OF SURVEY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ORIGINAL</td> <td></td> </tr> <tr> <td><input type="checkbox"/> RESURVEY</td> <td></td> </tr> <tr> <td><input type="checkbox"/> REVISED</td> <td></td> </tr> </table>		TYPE OF SURVEY		<input checked="" type="checkbox"/> ORIGINAL		<input type="checkbox"/> RESURVEY		<input type="checkbox"/> REVISED																			
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PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE  C. Dale North, Jr.		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">SURVEY TP. 01394</td> </tr> <tr> <td colspan="2">MAP EDITION NO. (1)</td> </tr> <tr> <td colspan="2">MAP CLASS III Final</td> </tr> <tr> <td colspan="2">JOB <del>PA</del> CM-8510</td> </tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">LAST PRECEDING MAP EDITION</td> </tr> <tr> <td colspan="2">TYPE OF SURVEY</td> </tr> <tr> <td><input type="checkbox"/> ORIGINAL</td> <td></td> </tr> <tr> <td><input type="checkbox"/> RESURVEY</td> <td></td> </tr> <tr> <td><input type="checkbox"/> REVISED</td> <td></td> </tr> <tr> <td>JOB</td> <td>PH. _____</td> </tr> <tr> <td colspan="2">MAP CLASS _____</td> </tr> <tr> <td colspan="2">SURVEY DATES:</td> </tr> <tr> <td>19__</td> <td>TO 19__</td> </tr> </table>		SURVEY TP. 01394		MAP EDITION NO. (1)		MAP CLASS III Final		JOB <del>PA</del> CM-8510		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__
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<b>I. INSTRUCTIONS DATED</b>																													
1. OFFICE		2. FIELD																											
Aerotriangulation                      April 20, 1987 Compilation                                October 29, 1987		Control                                      February 3, 1986																											
<b>II. DATUMS</b>																													
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  Transverse Mercator Projection		4. GRID(S) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">STATE</td> <td style="width:50%;">ZONE</td> </tr> <tr> <td>Mississippi</td> <td>East</td> </tr> </table>		STATE	ZONE	Mississippi	East																						
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Mississippi	East																												
5. SCALE 1:20,000		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">STATE</td> <td style="width:50%;">ZONE</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		STATE	ZONE																								
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<b>III. HISTORY OF OFFICE OPERATIONS</b>																													
OPERATIONS		NAME	DATE																										
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		B. Thornton	June 1987																										
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Kongsburg Plotter</u> CHECKED BY		B. Thornton	June 1987																										
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION                                      CHECKED BY		D. Miller	Feb. 1988																										
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY		F. Mauldin	Feb. 1988																										
SCALE: <u>1:20,000</u> CHECKED BY		N.A.																											
4. MANUSCRIPT DELINEATION PLANIMETRY BY		D. Miller	Mar. 1988																										
METHOD: <u>Smooth Drafted</u> CHECKED BY		P. Evans	Mar. 1988																										
SCALE: <u>1:20,000</u> CHECKED BY		N.A.																											
HYDRO SUPPORT DATA BY		D. Miller	Mar. 1988																										
CHECKED BY		P. Evans	Mar. 1988																										
5. OFFICE INSPECTION PRIOR TO Final Review BY		P. Evans	Mar. 1988																										
6. APPLICATION OF FIELD EDIT DATA BY		N.A.																											
CHECKED BY		N.A.																											
7. COMPILATION SECTION REVIEW <u>Class III</u> BY		P. Evans	Mar. 1988																										
8. FINAL REVIEW <u>Class III</u> BY		L. O. Neterer, Jr.	Oct. 1988																										
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		L. O. Neterer, Jr.																											
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		P. Dempsey	May 1989																										
11. MAP REGISTERED - COASTAL SURVEY SECTION BY																													

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 10(B) (B = 152.74mm)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE ZONE Central MERIDIAN 90th		<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE Coordinated Photography						
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE		
86 B(C) 9529-9530	3-21-86	10:14	1:50,000	*Not Applicable		
86 B(C) 9543-9545	3-21-86	10:38	1:50,000	*Not Applicable		
86 B(C) 9556-9557	3-21-86	10:53	1:50,000	*Not Applicable		
86 B(I) 9325-9326	3-17-86	10:39	1:50,000	0.4 ft. below MHW		
86 B(I) 9363	3-17-86	11:21	1:50,000	0.3 ft. below MHW		
86 B(I) 9396	3-17-86	11:58	1:50,000	0.1 ft. below MHW		
86 B(I) 8917	3-7-86	09:49	1:50,000	0.1 ft. above MLLW		
86 B(I) 8957	3-7-86	10:40	1:50,000	0.1 ft. above MLLW		
86 B(I) 8971	3-7-86	10:55	1:50,000	0.2 ft. above MLLW		
						Diurnal Tide Range = 1.8 ft.

REMARKS Stage of tide for the infrared photography was based on tide level data developed for the staff at Cadet Point, Mississippi. \*The stage of tide for these photographs was not included in the tide coordinated data submitted with this project. Computation of predicted tide data was not necessary because the available infrared

## 2. SOURCE OF MEAN HIGH-WATER LINE: photography was tide coordinated.

The mean high-water line was compiled from the above listed color bridging/compilation photographs and the black and white infrared ratio photographs.

## 3. SOURCE OF 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-00207	CM-8504 TP-01355	TP-01393

REMARKS

NOAA FORM 76-36C (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
TP-01394			
<b>HISTORY OF FIELD OPERATIONS</b>			
I. <input checked="" type="checkbox"/> FIELD INSPECTION OPERATION <span style="margin-left: 100px;"><input type="checkbox"/> FIELD EDIT OPERATION</span>			
OPERATION	NAME	DATE	
1. CHIEF OF FIELD PARTY	R. DeCroix	March 1986	
2. HORIZONTAL CONTROL	RECOVERED BY DeCroix, Koster, EbadiRad	1/86-2/86	
	ESTABLISHED BY N.A.		
	PRE-MARKED OR IDENTIFIED BY DeCroix, Koster, EbadiRad	1/86-2/86	
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 BY <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.		
<b>II. SOURCE DATA</b>			
1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
Paneled		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
86B(C)9543	MIDDLE, 1935		
86B(C)9553	WOOD, 1930		
86B(C)9542	GROVE, 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: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS			
None			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)			
3 Forms 76-53		2 Forms 76-135	
3 Forms 76-86		2 Forms 76-19	

TP-01394

## RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

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

## II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH None

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: \_\_\_\_\_3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

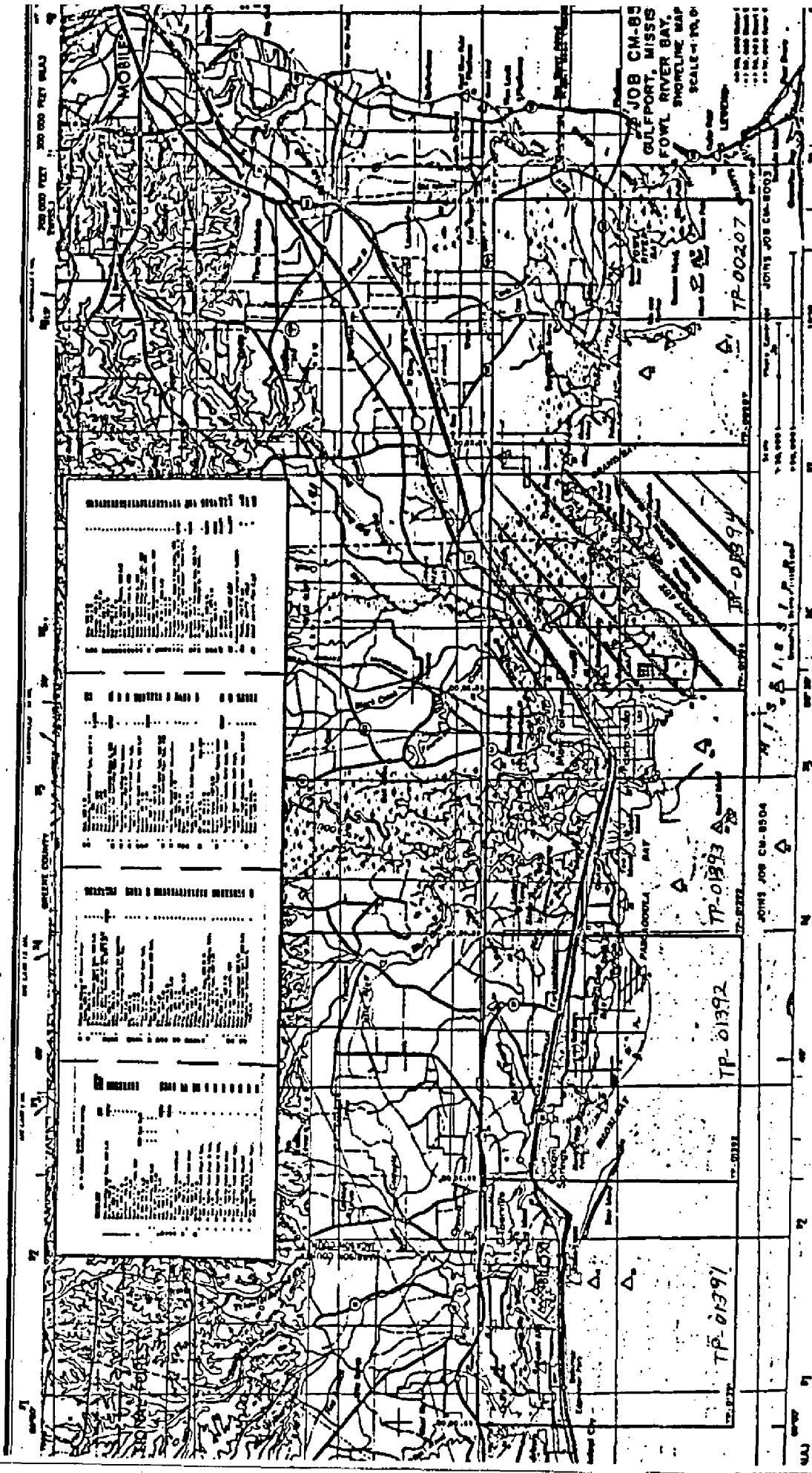
## III. FEDERAL RECORDS CENTER DATA

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	



MOBILE

JOB CM-85  
GULFPORT, MISS  
FOWL RIVER BAY  
SHORELINE MAP  
SCALE 1:50,000

TP-00207

JOB CM-8003

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JOB CM-8504

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TP-016

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-01394

This 1:20,000 scale map is one of five maps in project CM-8510, Gulfport, Mississippi to Fowl River, Alabama. This project extends from longitude 88° 10' 00" west to longitude 89° 00' 00".

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

Photographic coverage was provided in March 1986 with color and infrared film at 1:50,000 scale using the "B" camera (focal length 152.74 millimeters).

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

Compilation was performed at the Atlantic Marine Center, from office interpretation of the 1:50,000 scale color and infrared photography in March 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-8510  
GULFPORT, MISSISSIPPI TO FOWL RIVER BAY, ALABAMA

JUNE 1987

21. AREA COVERED

This shoreline mapping project covers the area from Gulfport, Mississippi to Fowl River Bay, Alabama. There are five sheets at 1:20,000 scale that cover the project area. The sheets are numbered consecutively TP-01391 to TP-01394, plus sheet TP-00207.

22. METHOD

Five strips of 1:50,000-scale color photographs: 86-B(C)-9525 to 9530, 86-B(C)-9534 to 9540, 86-B(C)-9542 to 9550, 86-B(C)-9553 to 9569, were bridged by analytical aerotriangulation methods and adjusted to ground using premarked, paneled control. Office identified intersection stations were used as checks.

Tie points were used to ensure adequate junctions of all strips and were used as supplemental control. Ratio values were determined for the bridging photographs and the tide-coordinated black-and-white infrared photographs. A copy of the ratio values is included in this report.

Base manuscripts were plotted on the Kongsburg plotter in the Mississippi State Plane Coordinate System (East Zone). This is a Transverse Mercator projection. The datum is NAD 27.

Two each of the five base manuscripts have been ruled as per Aerotriangulation Instructions.

23. ADEQUACY OF CONTROL

The control for this project is adequate. A listing of closures to control is attached. The project meets NOS requirements for horizontal accuracy.

24. SUPPLEMENTAL DATA

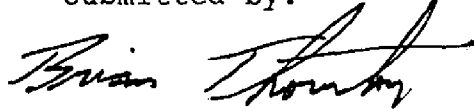
USGS topographic quadrangles were used to obtain vertical control for bridging.



25. PHOTOGRAPHY

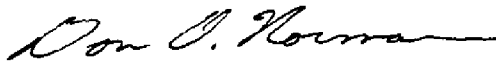
The coverage, overlap, and quality of the photographs were adequate for the job.

Submitted by:



Brian Thornton

Approved and Forwarded:



Don O. Norman  
Chief, Aerotriangulation Unit

## FIT TO CONTROL

Control point held in adjustment  
Tie point held in adjustment

STRIP #50-1

<u>STATION NAME</u>	<u>POINT NO.</u>	<u>VALUE IN FEET</u>	
		<u>X</u>	<u>Y</u>
<input type="checkbox"/> Tie from Strip #50-2	559801	0.5	1.1
Tie from Strip #50-2	559802	1.2	-1.1
<input type="checkbox"/> Tie from Strip #50-2	559803	0.6	-1.8
Hilda, 1930 sub pt. #4	560101	0.7	1.0
△ Ford, 1955 sub pt. #6	528101	-1.0	-2.0
<input type="checkbox"/> Tie from Strip #50-2	557801	-0.7	2.1
Tie from Strip #50-2	557802	-0.6	0.3
<input type="checkbox"/> Tie from Strip #50-2	557803	0.2	2.4
Bayou Casotte H.K. Porter Co., Tank, 1958	529100	5.5	-3.0
△ Bayou Casotte H.K. Porter Co., Tank, 1958 sub pt. #7	529101	2.3	-0.4
Tie from Strip #50-3	529801	1.1	2.4
<input type="checkbox"/> Tie from Strip #50-3	529802	-1.4	-1.6
<input type="checkbox"/> Tie from Strip #50-3	529803	-0.5	0.3

STRIP #50-2

△ Wood, 1930 sub pt. #10	553101	1.4	0.4
△ Middle, 1935	554100	-0.8	-2.6
△ Grove 1930-1971 sub pt. #8	555101	-3.0	2.6
Moss Pt. Municipal Water Tank, 1930	557148	-1.7	0.6
△ Martin, 1958 sub pt. #5	559101	0.1	0.3
△ Hilda, 1930 sub pt. #4	560101	2.7	1.1
△ Fontaine, 1943 sub pt. #3	562101	2.0	-4.0
△ Keesler, 1943	565100	-4.0	2.6
△ ARP, 1956	569100	1.2	-0.6
Gulfport Walcott Campbell Cotton Mill Tank	569177	-0.9	1.2
Gulfport Milk of Magnesia Tank	569199	-1.8	3.3

STRIP #50-3

△ Grove 1930-1971 sub pt. A #8	555101	-1.2	0.1
Tie from Strip #50-2	556801	1.2	3.0
□ Tie from Strip #50-2	556802	3.0	-1.7
Tie from Strip #50-2	556803	2.1	-0.2
□ Middle, 1935	554100	-3.0	2.6
△ Coden, 1930	547100	1.6	-1.8
△ Mon Louis	550100	-0.4	0.7

STRIP #50-4

Pascagoula South Muni. Tank, 1958	528110	-0.6	-4.0
□ Tie from Strip #50-1	534801	0.2	1.5
Tie from Strip #50-1	534802	0.2	3.0
Tie from Strip #50-1	534803	2.1	2.7
△ Ford, 1955 sub pt. #6	528101	-0.5	-2.3
Pascagoula Port Facilities Water Tank, 1958	528130	1.7	-0.1
△ Hilda, 1930 sub pt. #4	560101	0.3	1.4
Tie from Strip #50-2	561801	-1.7	2.5
Tie from Strip #50-2	561802	-3.3	2.2
Tie from Strip #50-2	561803	-4.0	0.2
△ Fontaine, 1943 sub pt. #3	562101	0.0	-0.5

RATIO VALUES  
CM-8510

1:50-000-scale color bridging photographs:

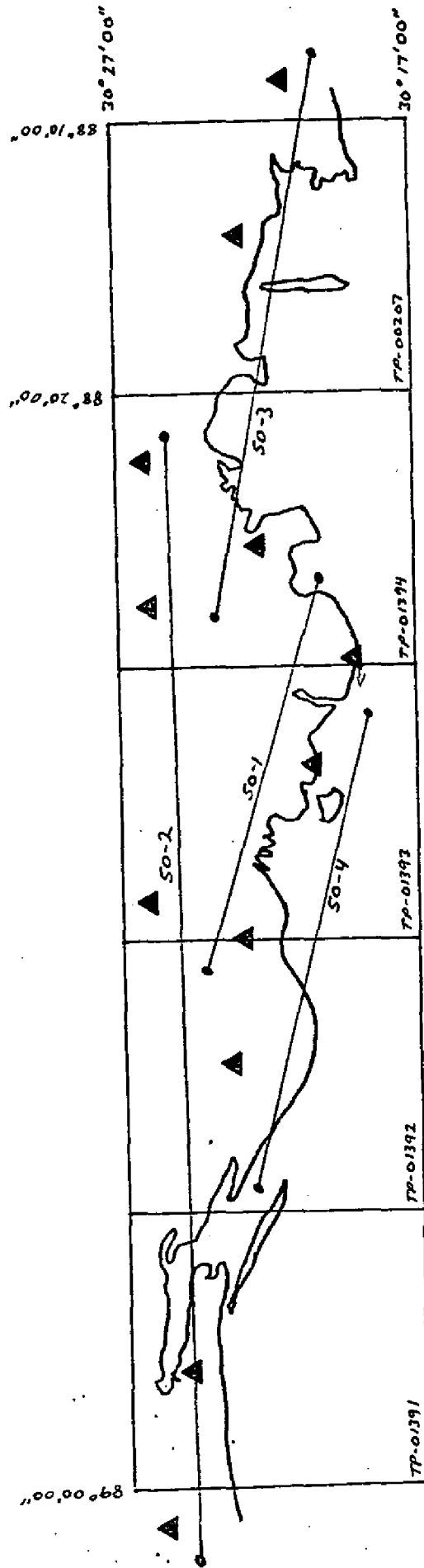
86-B(C)-9525 to 9530	Ratio 2.415
9534 to 9540	Ratio 2.410
9542 to 9550	Ratio 2.411
9553 to 9569	Ratio 2.411

1:50,000-scale infrared photographs:

86-B(R)-8913 to 8917	Ratio 2.500
8934 to 8941	Ratio 2.510
8947 to 8958	Ratio 2.510
8966 to 8972	Ratio 2.516
9324 to 9330	Ratio 2.513
9356 to 9363	Ratio 2.512
9369 to 9373	Ratio 2.513
9386 to 9397	Ratio 2.513

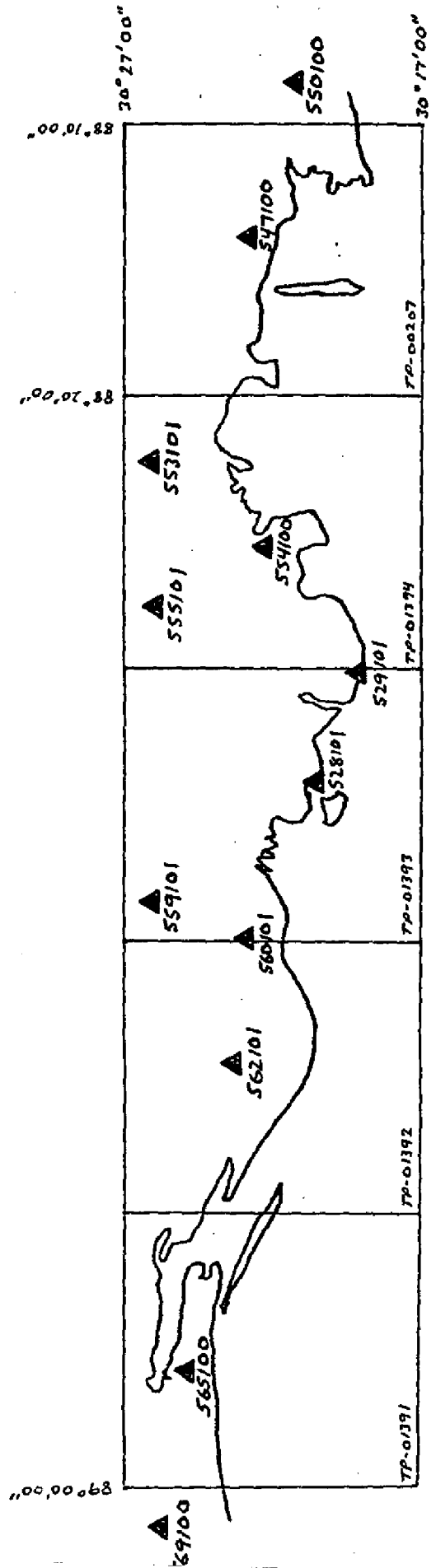
JOB CM-8510  
 GULFPORT, MISSISSIPPI TO  
 FOWL RIVER BAY, ALABAMA  
 SHORELINE MAPPING  
 SCALE - 1:20,000

BRIDGING PHOTOGRAPHS



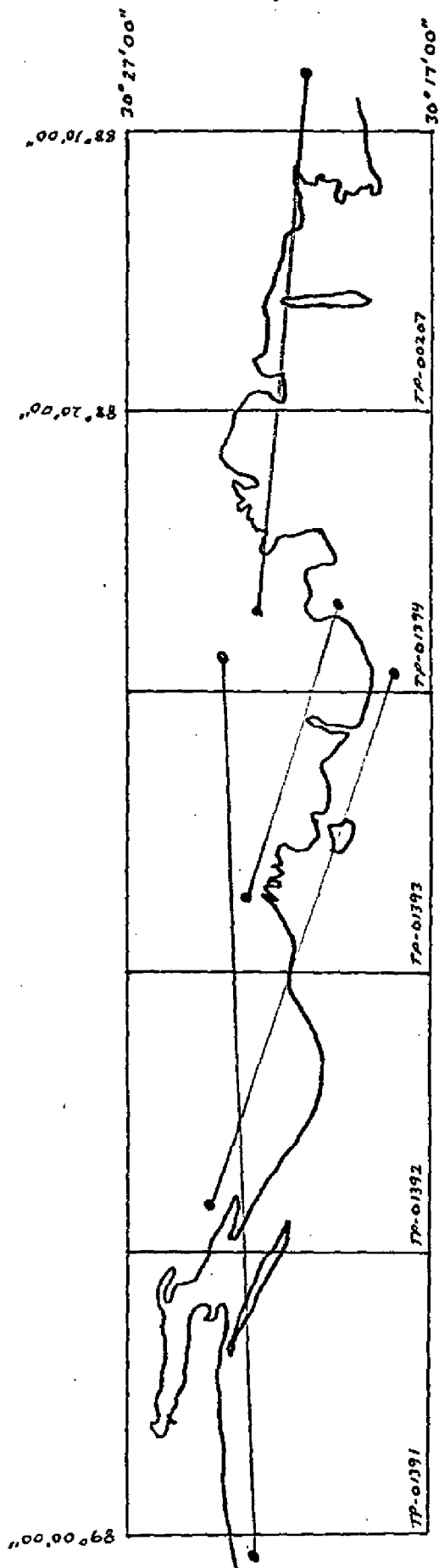
JOB CM-8510  
 GULFPORT, MISSISSIPPI TO  
 FOWL RIVER BAY, ALABAMA  
 SHORELINE MAPPING  
 SCALE - 1:20,000

# CONTROL STATIONS



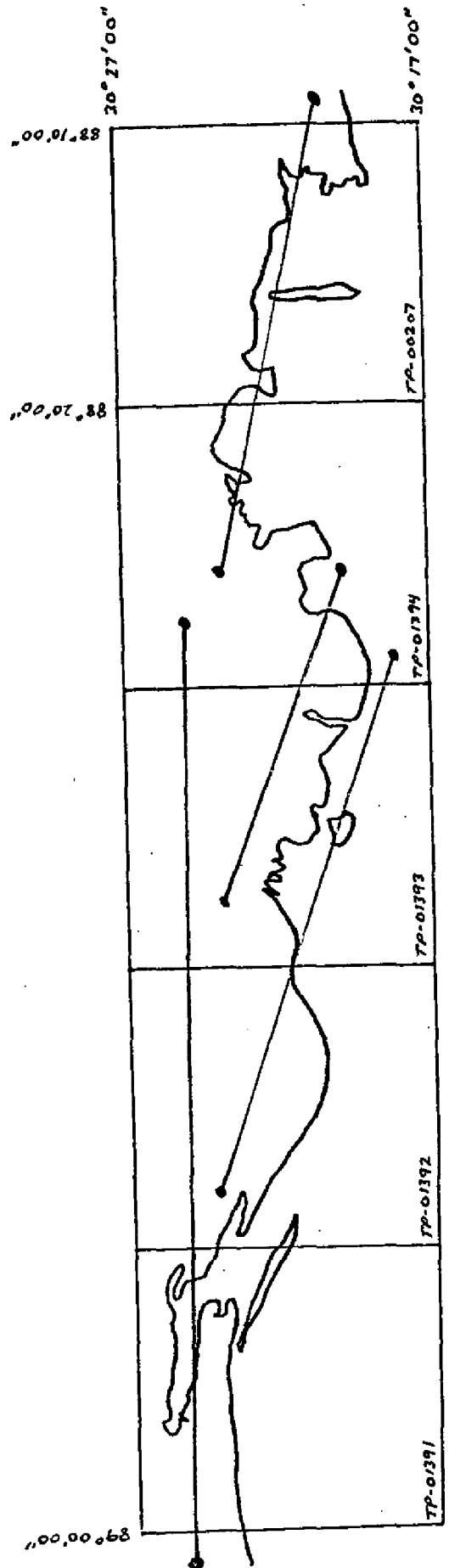
JOB CM-8510  
 GULFPORT, MISSISSIPPI TO  
 FOWL RIVER BAY, ALABAMA  
 SHORELINE MAPPING  
 SCALE - 1:120,000

MIHW INFRARED PHOTOGRAPHY



JOB CM-8510  
 GULFPORT, MISSISSIPPI TO  
 FOUL RIVER BAY, ALABAMA  
 SHORELINE MAPPING  
 SCALE - 1:20,000

MLW INFRARED PHOTOGRAPHY







## COMPILATION REPORT

TP-01394

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.

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 June 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 both the bridging/compilation color photographs and the tide coordinated mean high water infrared ratio photographs.

TP-01394

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 compile the approximate mean lower low water line as described in item #31.

37. LANDMARKS AND AIDS:

There were no charted landmarks or aids to navigation located/verified within the limits of this map.

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:

Grand Bay, Alabama; dated 1958, photorevised 1974; scale 1:24,000  
Grand Bay SW, Mississippi-Alabama; dated 1958, photorevised 1977;  
scale 1:24,000

Kreole, Mississippi-Alabama; dated 1958, photorevised 1977; scale  
1:24,000

Isle Aux Herbes, Alabama; dated 1958; scale 1:24,000

TP-01394

47. COMPARISON WITH NAUTICAL CHARTS:

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

11373; 31st edition; dated October 24, 1987; scale 1:80,000  
11374; 21st edition; dated June 20, 1987; scale 1:40,000  
11375; 25th edition; dated January 3, 1987; scale 1:20,000

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

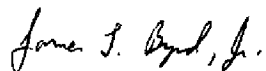
None.

Submitted by:



David R. Miller  
Cartographer  
March 4, 1988

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

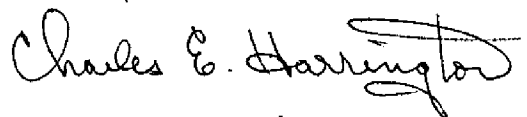
CM-8510 (Gulfport, Mississippi to Fowl River, Alabama)

TP-01394

Bangs Bayou  
Bangs Island  
Bangs Lake  
Barton Island  
Bayou La Fourche Bay  
Big Island  
Black Creek  
Bubie, Bayou  
Bull Bay Bayou  
Caddy, Bayou  
Caddy, Point  
Chenes, Point aux  
Clay Bayou  
Crooked Bayou  
Cumbest, Bayou  
Escatawpa River  
Grand Batture Islands  
Grand Bay  
Grand Bay Swamp  
Heron, Bayou  
Jose Bay  
Jose Bayou

L'Isle Chaude  
L'Isle Chaude Bay  
La Forche, Bayou  
Little Bay Island  
Little Black Creek  
Long Island  
Marsh Island  
Mattie Clark Bayou  
Middle Bay  
Middle Bayou  
Mississippi Sound  
Moss Point (locality)  
North Bayou  
North Rigolets  
North Rigolets Island  
Prairie, The  
Rosa, Bayou  
Seaboard System (RR)  
South Rigolets  
South Rigolets Island  
Southwest Bayou

Approved:



Charles E. Harrington  
Chief Geographer  
Nautical Charting Division

REVIEW REPORT  
SHORELINE

TP-01394

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 USGS quadrangles:

GRAND BAY, ALABAMA, dated 1958, photorevised 1974,  
GRAND BAY S.W., MISSISSIPPI-ALABAMA, dated 1958, photorevised 1977,  
KREOLE, MISSISSIPPI-ALABAMA, dated 1958, photorevised 1977,  
ISLE AUX HERBES, ALABAMA, dated 1958,  
all four are 1:24,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEY:

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 Charts:

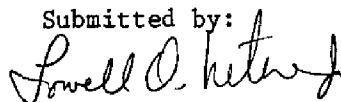
11373, 31st edition, dated October 24, 1987, scale 1:80,000  
11374, 21st edition, dated June 20, 1987, scale 1:40,000  
11375, 25th edition, dated January 3, 1987, scale 1:20,000.

TP-01394

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

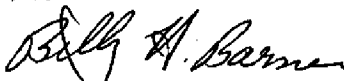
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:



Lowell O. Neterer, Jr.  
Final Reviewer  
October 1988

Approved for forwarding:



Billy H. Barnes  
Chief, Quality Assurance Group, AMC

Approved:



Chief, Photogrammetric Production Sect.

Chief, Photogrammetry Branch

## CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION LISTING

PAGE 1 OF 1

PROJECT: CM-8510

MAP NUMBER (Scale); Locality: TP-01394, 1:20,000; Gulfport, Mississippi  
to Fowl River Bay, Alabama

GEODETIC DATUM: N.A. 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>LATITUDE</u> <u>LONGITUDE</u>		<u>NCD</u> <u>Q.C.</u>	<u>DATE OF</u> <u>LOCATION</u>
REFINERY FLARE (NORTH OF TWO) -	993	30 20 10.5 -	88 29 18.0 -	7 -	3-21-86 -
REFINERY FLARE (SOUTH OF TWO) -	993	30 20 08.1 -	88 29 18.0 -	7	3-21-86 -

Listing approved by:

FINAL REVIEWER

Nov 18, 1988  
DATE



### RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-01394

## 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]