

TP-01393

TP-01393

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-01393	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 PASCAGOULA	
1986 TO 19	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA		SURVEY TP <u>01393</u> MAP EDITION NO. (1) MAP CLASS III (Final) JOB <u>KH-CM-8510</u>	
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 April 20, 1987 Compilation October 29, 1987		Control February 3, 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 Transverse Mercator Projection		4. GRID(S) STATE ZONE Mississippi East	
5. SCALE 1:20,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		B. Thornton B. Thornton	June 1987 June 1987
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Kongsberg Plotter CHECKED BY		B. Thornton D. Norman	June 1987 June 1987
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 CONTOURS BY SCALE: 1:20,000 CHECKED BY		R. Kravitz F. Mauldin N.A. N.A.	Mar. 1988 Mar. 1988
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth Drafted CONTOURS BY CHECKED BY SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY		R. Kravitz F. Mauldin N.A. N.A. R. Kravitz F. Mauldin	Mar. 1988 Apr. 1988 Mar. 1988 Apr. 1988
5. OFFICE INSPECTION PRIOR TO Final Review BY		F. Mauldin	Apr. 1988
6. APPLICATION OF FIELD EDIT DATA BY		N.A.	
CHECKED BY		N.A.	
7. COMPILATION SECTION REVIEW Class III BY		F. Mauldin	Apr. 1988
8. FINAL REVIEW Class III BY		L. O. Neterer, Jr.	Sep. 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			

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

TP-01393

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 10(B) (B = 152.74mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE Coordinated Photography		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Central	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 90th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
86 B(C) 9528-9529	3-21-86	10:14	1:50,000	*Not Applicable	
86 B(C) 9535-9537	3-21-86	10:26	1:50,000	*Not Applicable	
86 B(C) 9556-9559	3-21-86	10:57	1:50,000	*Not Applicable	
86 B(I) 8913-8915	3-7-86	09:49	1:50,000	0.1 ft. above MLLW	
86 B(I) 8936-8937	3-7-86	10:22	1:50,000	0.0 ft. above MLLW	
86 B(I) 8955-8957	3-7-86	10:42	1:50,000	0.1 ft. above MLLW	
86 B(I) 9360-9362	3-17-86	11:21	1:50,000	0.3 ft. below MHW	
86 B(I) 9394-9396	3-17-86	11:58	1:50,000	0.1 ft. below MHW	
Diurnal Tide Range = 1.8 ft.					

REMARKS Stage of tide for the infrared photography was based on the tide level data developed from the tide 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

2. SOURCE OF MEAN HIGH-WATER LINE: infrared 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 LOW-WATER LINE 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-01394	CM-8504 TP-01354	TP-01392

REMARKS

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

TP-01393

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD ~~INVESTIGATION~~ OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. DeCroix	Mar. 1986
2. HORIZONTAL CONTROL	RECOVERED BY J. Dunford/T. Parker	1/86-2/86
	ESTABLISHED BY N.A.	
	PRE-MARKED OR IDENTIFIED BY J. Dunford/T. Parker	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 <input type="checkbox"/> SPECIFIC NAMES ONLY BY <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		2. VERTICAL CONTROL IDENTIFIED	
Paneled		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
86B(C)9525	HILDA, 1930		
86B(C)9559	MARTIN, 1958		
86B(C)9528	FORD, 1935		
86B(C)9529	BAYOU CASOTTE, HK PORTER CO TANK, 1958		

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)

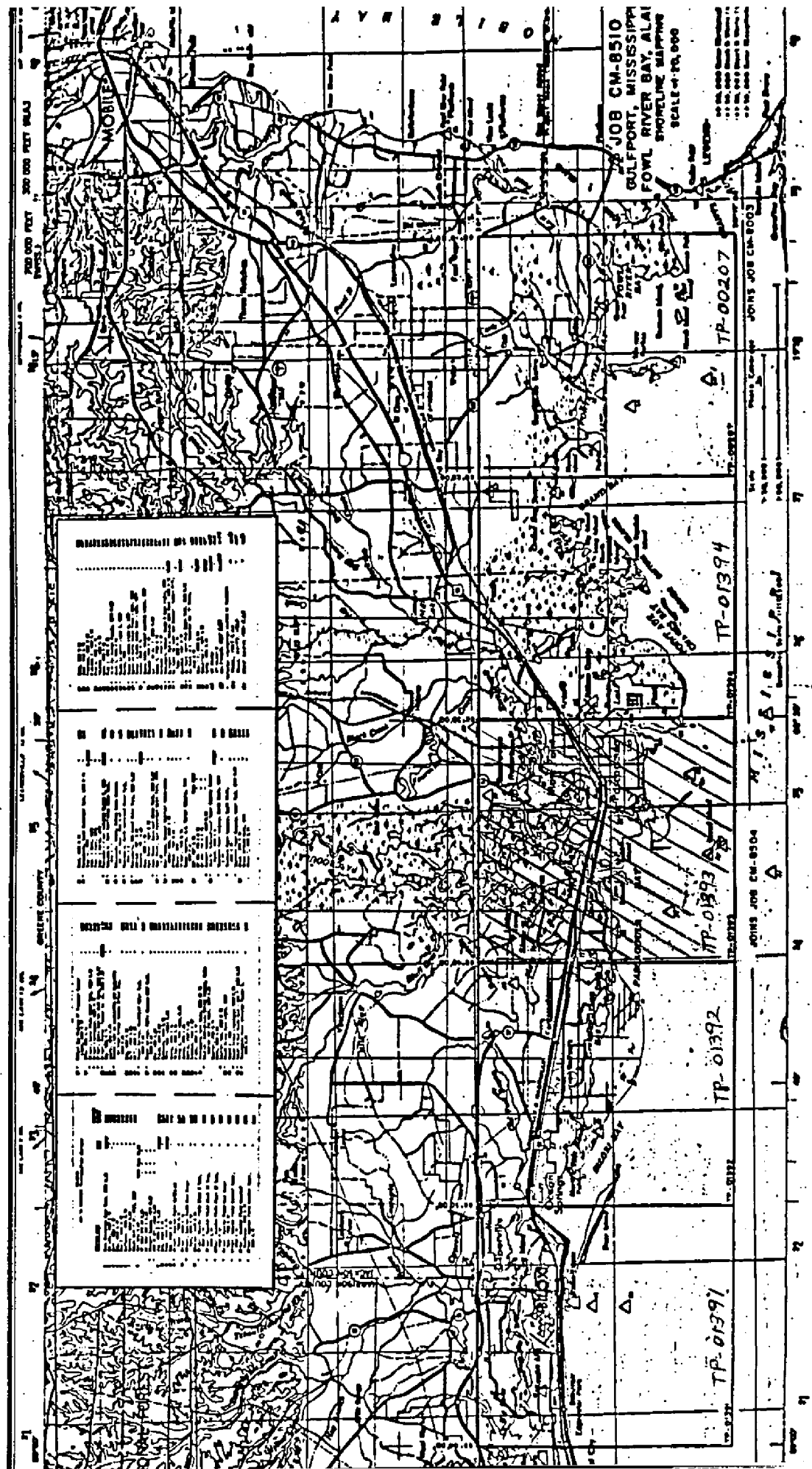
4 Forms 76-53

4 Forms 76-19

4 Forms 76-86

5 Forms 75-63

NOAA FORM 76-36D (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION TP-01393		
RECORD OF SURVEY USE				
I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Apr. 1988	Class III Manuscript		
Final Review	Sep. 1988	Final Class III Map	May 1989	May 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	
3		May 1989	Charted landmarks and aids to navigation forms	
2. <input type="checkbox"/> REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____ 3. <input type="checkbox"/> REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____				
III. FEDERAL RECORDS CENTER DATA				
1. <input checked="" type="checkbox"/> BRIDGING PHOTOGRAPHS; <input checked="" type="checkbox"/> DUPLICATE BRIDGING REPORT; <input checked="" type="checkbox"/> COMPUTER READOUTS. 2. <input checked="" type="checkbox"/> CONTROL STATION IDENTIFICATION CARDS; <input type="checkbox"/> FORM NOS 567 SUBMITTED BY FIELD PARTIES. 3. <input checked="" type="checkbox"/> SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS: 4. <input type="checkbox"/> 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		



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01393

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 April 1988.

Final review was accomplished at the Atlantic Marine Center in September 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.

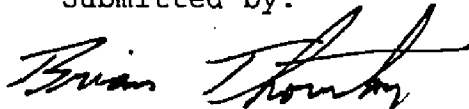
24. SUPPLEMENTAL DATA

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

25. PHOTOGRAPHY

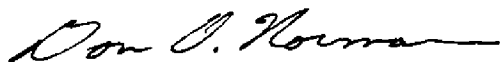
The coverage, overlap, and quality of the photographs were adequate for the job.

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>
□ Tie from Strip #50-2	559801	0.5	1.1
Tie from Strip #50-2	559802	1.2	-1.1
□ 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
□ Tie from Strip #50-2	557801	-0.7	2.1
Tie from Strip #50-2	557802	-0.6	0.3
□ 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
□ Tie from Strip #50-3	529802	-1.4	-1.6
□ 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:

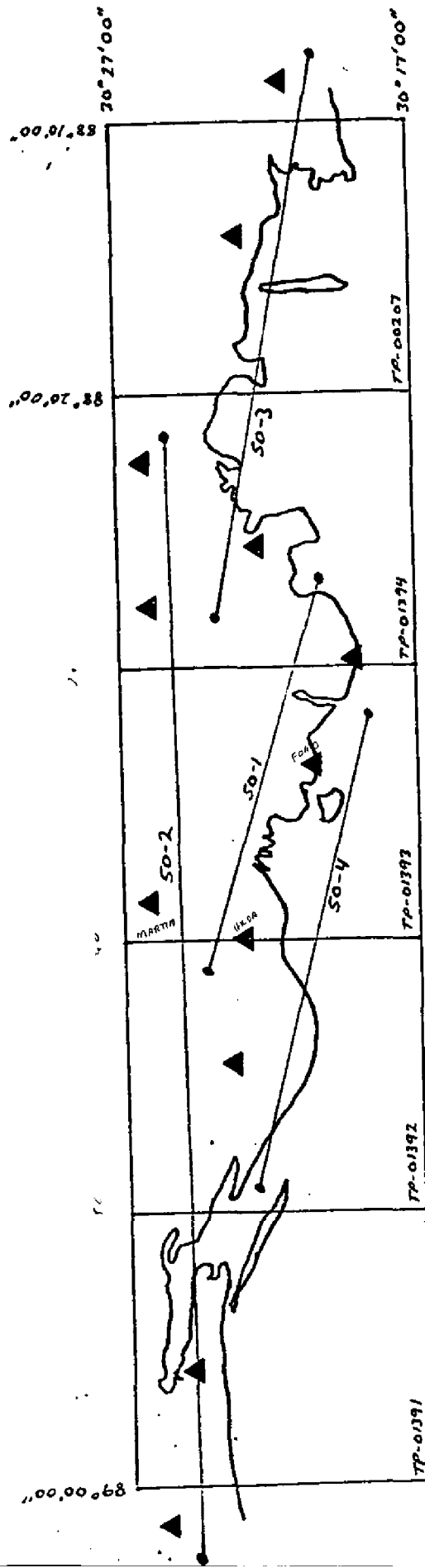
86-B(C)-9525 to 9530	Ratio 2.415
9534 to 9540	Ratio 2.410
9542 to 9550	Ratio 2.411
9553 to 9569	Ratio 2.411

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

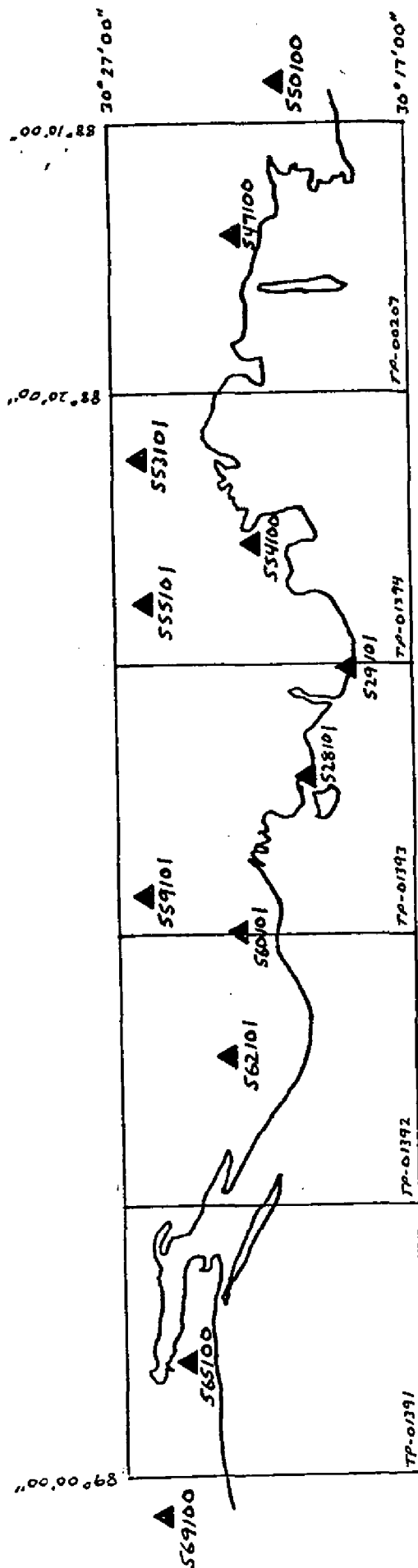
JOB CM-8510
 GULFPORT, MISSISSIPPI TO
 FOWL RIVER BAY, ALABAMA
 SHORELINE MAPPING
 SCALE - 1:120,000

BRIDGING PHOTOGRAPHS



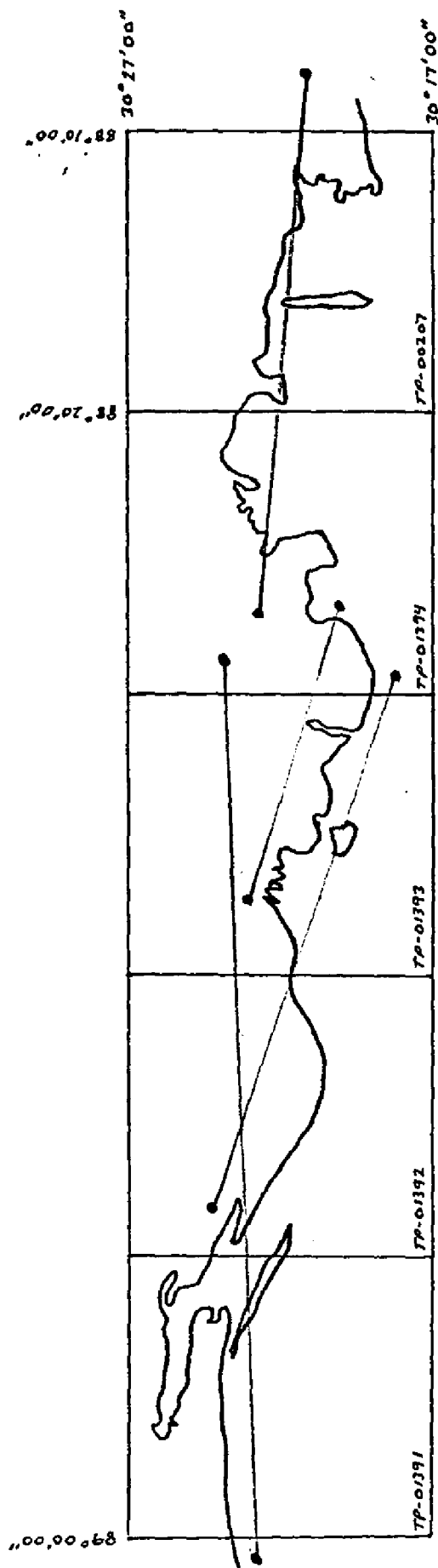
JOB CM-8510
 GULFPORT, MISSISSIPPI TO
 FOWL RIVER BAY, ALABAMA
 SHORELINE MAPPING
 SCALE - 1:120,000

CONTROL STATIONS



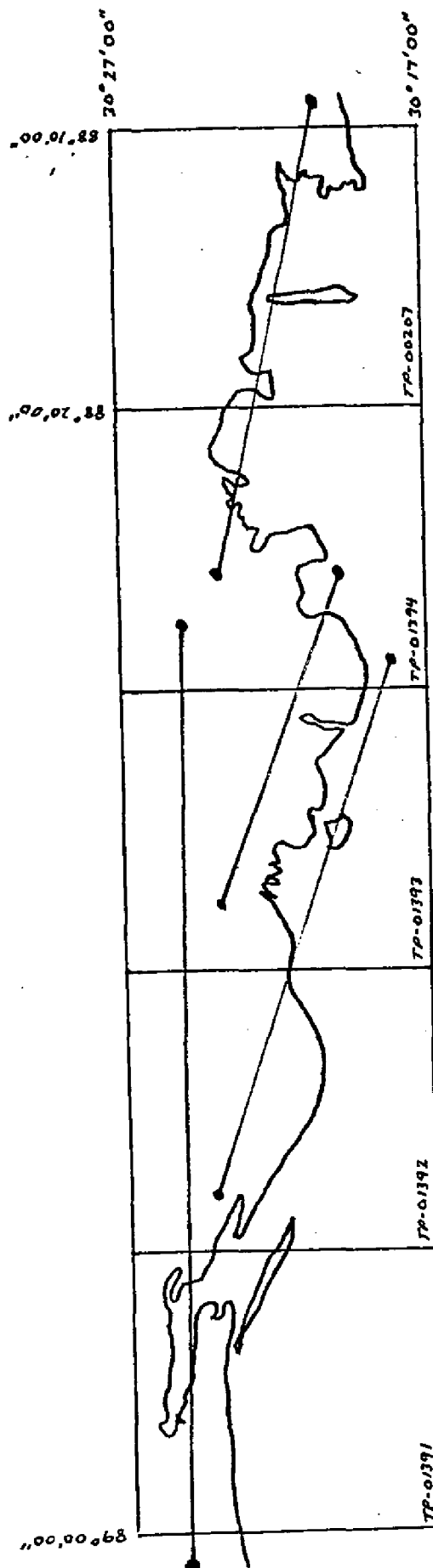
JOB CM-8510
 GULFPORT, MISSISSIPPI TO
 FOWL RIVER BAY, ALABAMA
 SHORELINE MAPPING
 SCALE - 1:25,000

MHW INFRARED PHOTOGRAPHY



JOB CM-8510
 GULFPORT, MISSISSIPPI TO
 FOWL RIVER BAY, ALABAMA
 SHORELINE MAPPING
 SCALE - 1:25,000

MILW INFRARED PHOTOGRAPHY



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY		REMARKS
					CM-8510	N.A. 1927	Unit, AMC, Norfolk, VA	Coastal Mapping	
					COORDINATES IN FEET		GEOGRAPHIC POSITION		
					STATE	MISSISSIPPI	ϕ LATITUDE	λ LONGITUDE	
					ZONE	East			
TP-01393	CM-8510	BAYOU CASOTTE H.K. PORTER CO., TANK, 1958	Quad 300883 Sta 1114	529100 ✓	X=		ϕ 30° 19' 54.816"	-	
					Y=		λ 88° 30' 08.598"	-	
PASCAGOULA SOUTH MUNICIPAL TANK, 1958	Quad 300883 Sta 1172	528110 ✓	X=		ϕ 30° 20' 40.337"	-			
			Y=		λ 88° 33' 17.744"	-			
FORD, 1935	Quad 300883 Sta 1026	43 -	X=		ϕ 30° 20' 39.906"	-			
			Y=		λ 88° 33' 35.137"	-			
PASCAGOULA PORT FACILITIES WATER TANK, 1958	Quad 300883 Sta 1162	528130	X=		ϕ 30° 21' 43.462"	-			
			Y=		λ 88° 34' 05.035"	-			
HILDA, 1930	Quad 300883 Sta 1034	33 ✓	X=		ϕ 30° 23' 23.301"	-			
			Y=		λ 88° 39' 53.727"	-			
MOSS POINT MUNICIPAL WATER TANK, 1930	Quad 300883 Sta 1147	557148 ✓	X=		ϕ 30° 24' 47.780"	-			
			Y=		λ 88° 32' 17.932"	-			
MARTIN, 1958	Quad 300883 Sta 1045	35 ✓	X=		ϕ 30° 25' 28.889"	-			
			Y=		λ 88° 37' 54.617"	-			
			X=		ϕ				
			Y=		λ				
			X=		ϕ				
			Y=		λ				
			X=		ϕ				
			Y=		λ				
COMPUTED BY			X=		ϕ				
			Y=		λ				
LISTED BY	R. R. Kravitz	DATE	COMPUTATION CHECKED BY						DATE
			LISTING CHECKED BY						DATE
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY						DATE
			F. Mauldin						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 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.

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

37. LANDMARKS AND AIDS:

Within the limits of this map, nineteen charted landmarks and twenty-two 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:

Pascagoula, Mississippi; dated 1955; scale 1:62,500

Pascagoula South, Mississippi; Provisional; dated 1982; scale 1:24,000

Pascagoula North, Mississippi; Provisional; dated 1982; scale 1:24,000

Gautier North, Mississippi; Provisional; dated 1982; scale 1:24,000

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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

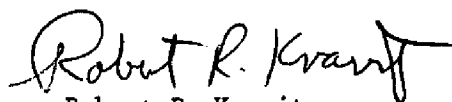
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

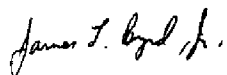
None.

Submitted by:



Robert R. Kravitz
Cartographic Technician
March 25, 1988

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

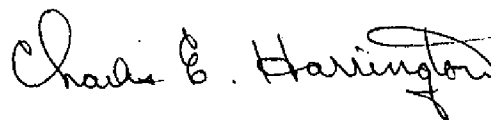
CM-8510 (Gulfport, Mississippi to Fowl River, Alabama)

TP-01393

Beardslee Lake
Big Bayou
Big Lake
Bounds Lake
Camp Lamotte
Casotte, Bayou
Catch-em-all, Lake
Chemise, Bayou
Coleson Bayou
Creole Bayou
Crooked Bayou
Dead River
Dog Island
Duck Lake
Eighth Bayou
Escatawpa River
Farrigut Lake
First Bayou
Gautier
Goose Lake
Graveline Bayou
Greenwood Island
Griffin Point
Gurlie Bayou
Krebs Lake
LaBuche, Lac
Lang Bayou
Longview Bayou
Lowry Bayou
Mallard Lake
March Lake

Mary Walker Bayou
McInnis Bayou
McInnis Lake
Middle River
Mississippi Sound
Moss Point (locality)
North Bayou
O'Leary Lake
Pascagoula
Pascagoula Bay
Pascagoula River
Pigpen Bayou
Rabbit Island
Railroad Corner
Robertson Lake
Round Island
Saint Pierre, Bayou
Seaboard System (RR)
Singing River
Singing River Island
Sioux Bayou
Snake Bayou
Spanish Point
Swift Bayou
Toussant, Point
Twin Islands
West Pascagoula River
West Prong
West River
Yazoo, Lake

Approved:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

REVIEW REPORT
SHORELINE

TP-01393

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:

PASCAGOULA, MISSISSIPPI, dated 1955, scale 1:62,500

GAUTIER NORTH, MISSISSIPPI, Provisional Edition 1982, scale
1:24,000

PASCAGOULA NORTH, MISSISSIPPI, Provisional Edition 1982, scale
1:24,000

PASCAGOULA SOUTH, MISSISSIPPI, Provisional Edition 1982, scale
1:24,000

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

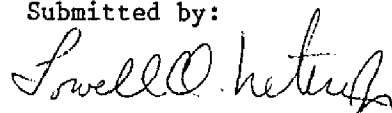
11375, 25th edition, dated January 3, 1987, scale 1:20,000

TP-01393

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:

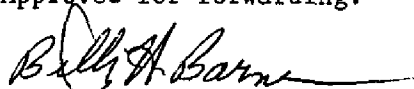


Lowell O. Neterer, Jr.

Final Reviewer

September 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 3

PROJECT: CM-8510

MAP NUMBER (Scale); Locality: TP-01393, 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).

FEATURE DESCRIPTION	NCD CC	GEOGRAPHIC POSITION (°-'-")		NCD Q.C.	DATE OF LOCATION
		LATITUDE	LONGITUDE		
PASCAGOULA CHANNEL					
LIGHT 46 ✓	200 ✓	30 20 36.90 ✓	88 33 57.20 ✓	7 ✓	3-21-86 ✓
LIGHT 43 ✓	200 ✓	30 20 18.70 ✓	88 33 55.60 ✓	7 ✓	3-21-86 ✓
LIGHT 44 ✓	200 ✓	30 20 23.10 ✓	88 33 49.40 ✓	7 ✓	3-21-86 ✓
LIGHT 41 ✓	200 ✓	30 19 47.10 ✓	88 33 24.20 ✓	7 ✓	3-21-86 ✓
LIGHT 42 ✓	200	30 19 51.50 ✓	88 33 19.10 ✓	7 ✓	3-21-86 ✓
RANGE "A" REAR LIGHT ✓	209	30 18 25.36 ✓	88 30 55.61 ✓	4 ✓	3-21-86 ✓
BAYOU CASSOTTE CHANNEL					
RANGE "B" REAR LIGHT ✓	209 ✓	30 21 32.60 ✓	88 30 15.10 ✓	7 ✓	3-21-86 ✓
TURNING BASIN LIGHT 19 ✓	200 ✓	30 21 06.60 ✓	88 30 28.60 ✓	7 ✓	3-21-86 ✓
RANGE "B" FRONT LIGHT ✓	208 ✓	30 21 06.80 ✓	88 30 22.00 ✓	7 ✓	3-21-86 ✓
RANGE "A" FRONT LIGHT ✓	208 ✓	30 19 51.46 ✓	88 30 45.76 ✓	4 ✓	3-21-86 ✓
LIGHT 10 ✓	200 ✓	30 19 35.40 ✓	88 30 43.20 ✓	7 ✓	3-21-86 ✓
RANGE "C" FRONT LIGHT ✓	208 ✓	30 19 18.90 ✓	88 30 51.34 ✓	4 ✓	3-21-86 ✓
LIGHT 7 ✓	200 ✓	30 19 11.14 ✓	88 30 49.18 ✓	4 ✓	3-21-86 ✓
LIGHT 4 ✓	200 ✓	30 18 12.30 ✓	88 30 43.40 ✓	7 ✓	3-21-86 ✓
RANGE "C" REAR LIGHT ✓	209 ✓	30 19 08.89 ✓	88 30 54.11 ✓	4 ✓	3-21-86 ✓

Listing approved by:

Lowell O. Hines
FINAL REVIEWER

Nov 18, 1988
DATE

CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION LISTING
CM-8510

TP-01393

PAGE 2 OF 3

FEATURE DESCRIPTION	NCD CC	GEOGRAPHIC POSITION (°-'-")		NCD Q.C.	DATE OF LOCATION
		LATITUDE	LONGITUDE		
BAYOU CASSOTTE CHANNEL ✓					
LIGHT 5	200 ✓	30 18 42.60 ✓	88 30 49.70 ✓	7 ✓	3-21-86 ✓
LIGHT 6 ✓	200 ✓	30 18 43.00 ✓	88 30 43.50 ✓	7 ✓	3-21-86 ✓
PASCAGOULA RIVER					
LIGHT 11 ✓	200 ✓	30 24 19.20 ✓	88 35 04.30 ✓	7 ✓	3-21-86 ✓
LIGHT 14 ✓	200 ✓	30 24 53.76 ✓	88 34 53.80 ✓	7 ✓	3-21-86 ✓
ESCATAWPA RIVER CUTOFF					
LIGHT 3 ✓	200 ✓	30 25 32.40 ✓	88 32 28.80 ✓	7 ✓	3-21-86 ✓
LIGHT 6 ✓	200 ✓	30 25 15.20 ✓	88 31 56.70 ✓	7 ✓	3-21-86 ✓
LIGHT 9 ✓	200 ✓	30 25 06.70 ✓	88 31 28.00 ✓	7 ✓	3-21-86 ✓
TOWER ✓	086 ✓	30 17 30.30 ✓	88 35 11.80 ✓	7 ✓	3-21-86 ✓
TANK ✓	139 ✓	30 20 40.34 ✓	88 33 17.74 ✓	3 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 21 32.45 ✓	88 33 10.01 ✓	4 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 21 32.15 ✓	88 33 08.34 ✓	4 ✓	3-21-86 ✓
GRAIN ELEVATOR ✓	086 ✓	30 21 25.70 ✓	88 33 59.60 ✓	7 ✓	3-21-86 ✓
TANK ✓	139 ✓	30 21 43.46 ✓	88 34 05.04 ✓	3 ✓	3-21-86 ✓
RADIO TOWER ✓	086 ✓	30 21 51.60 ✓	88 33 32.20 ✓	7 ✓	3-21-86 ✓
TOWER ✓	086 ✓	30 22 17.10 ✓	88 33 38.90 ✓	7 ✓	3-21-86 ✓
TOWER ✓	086 ✓	30 22 21.80 ✓	88 33 50.80 ✓	7 ✓	3-21-86 ✓
RADIO TOWER ✓	086 ✓	30 23 00.70 ✓	88 32 07.79 ✓	7 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 23 25.45 ✓	88 32 20.21 ✓	4 ✓	3-21-86 ✓
TANK ✓	139 ✓	30 19 54.86 ✓	88 30 08.60 ✓	3 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 20 32.92 ✓	88 30 15.95 ✓	4 ✓	3-21-86 ✓

Listing approved by:

Paul C. Huter
FINAL REVIEWER

Nov 18 1988
DATE

TP-01293

[illegible]

Listing approved by: Lowell A. Ketchum
FINAL REVIEWER

Nov 18, 1988
DATE

RECORD OF APPLICATION TO CHARTS:

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-01393

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]