

TP-01391

TP-01391

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-01391	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 BILOXI	
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 OFFICER-IN-CHARGE C. Dale North, Jr.		SURVEY TP. <u>01391</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III Final</u> JOB <u>RH- CM-8510</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 <u>PH-</u> MAP CLASS <u></u> 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 <u>Mississippi</u> ZONE <u>East</u> STATE <u></u> ZONE <u></u>	
5. SCALE 1:20,000		STATE <u></u> ZONE <u></u>	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		B. Thornton June 1987 B. Thornton June 1987	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Kongsburg Plotter</u> CHECKED BY		B. Thornton June 1987 D. Norman June 1987	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY		P. Evans Dec. 1987 F. Mauldin Dec. 1987 N.A. N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: <u>Smooth Drafted</u> CONTOURS BY CHECKED BY SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY CHECKED BY		P. Evans Mar. 1988 F. Mauldin Mar. 1988 N.A. N.A. P. Evans Mar. 1988 F. Mauldin Mar. 1988	
5. OFFICE INSPECTION PRIOR TO Final Review BY		F. Mauldin Mar. 1988	
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		N.A. N.A.	
7. COMPILATION SECTION REVIEW <u>Class III</u> BY		F. Mauldin Mar. 1988	
8. FINAL REVIEW <u>Class III</u> BY		L. O. Neterer, Jr. Aug. 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		P. Dempsey May 1989	

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

TP-01391

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) 9563-9567	3-21-86	10:57	1:50,000	*Not Applicable	
86 B(I) 9387-9389	3-17-86	11:58	1:50,000	0.1 ft. below MHW	
86 B(I) 8948-8950	3-07-86	10:41	1:50,000	0.1 ft. above MLLW	
Diurnal Tide Range = 1.8 ft.					

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

2. SOURCE OF MEAN HIGH-WATER LINE: Computation of predicted tide data was not necessary because the 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: 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 No Survey	EAST TP-01392	SOUTH CM-8504 TP-01352	WEST PH-7008 T-11803 (2), T-11813 (2)
REMARKS (Scale 1:10,000)			

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HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. DeCroix	Mar. 1986
2. HORIZONTAL CONTROL	RECOVERED BY P. Walbolt ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY P. Walbolt	Jan. 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)9565	KESSLER, 1943		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 Form 76-53

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	Aug. 1988	Class III, Final 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
2		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

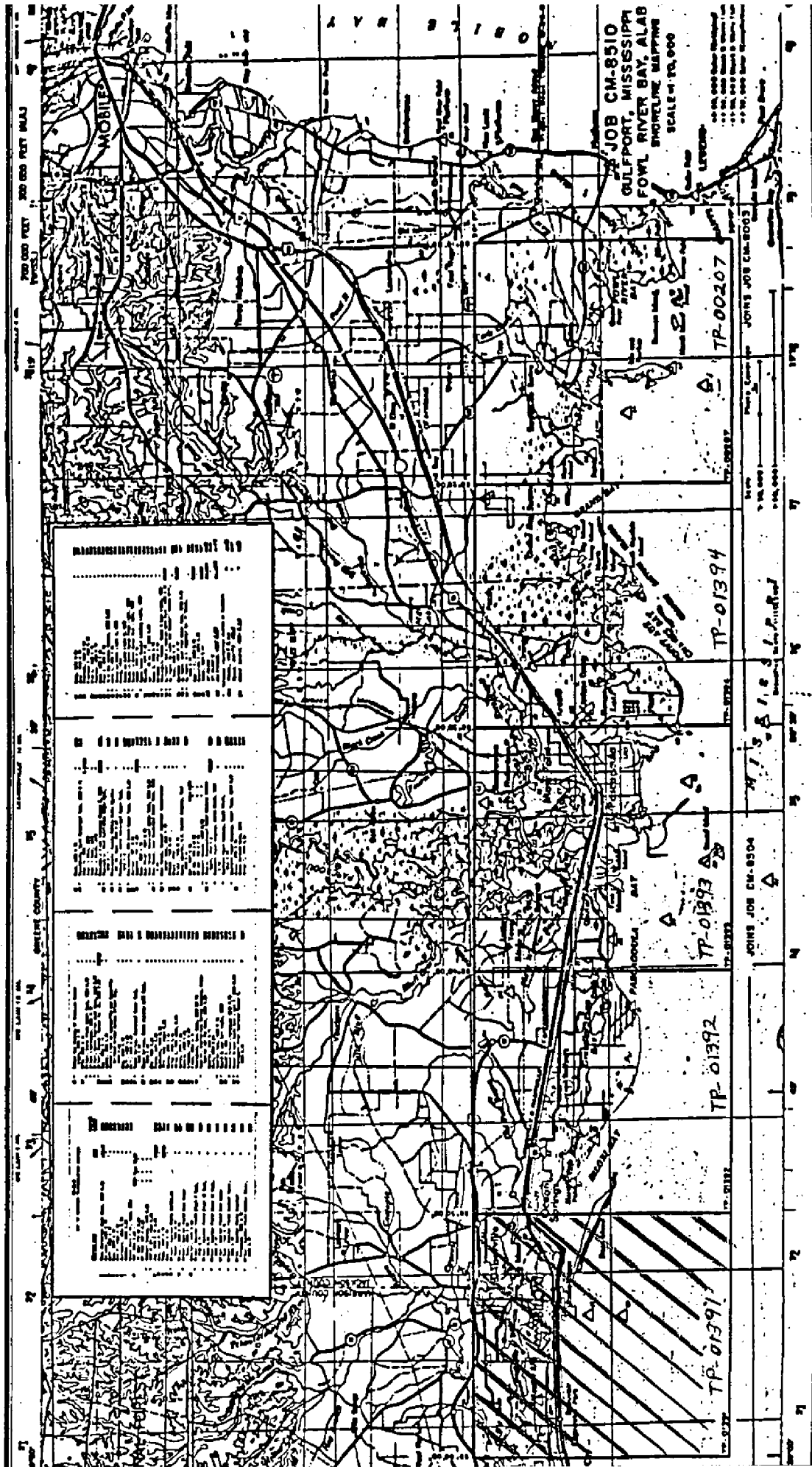
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.

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



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01391

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 August 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.

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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.

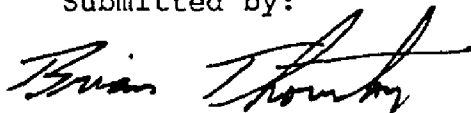
24. SUPPLEMENTAL DATA

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

25. PHOTOGRAPHY

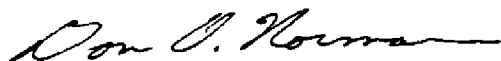
The coverage, overlap, and quality of the photographs were adequate for the job.

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:

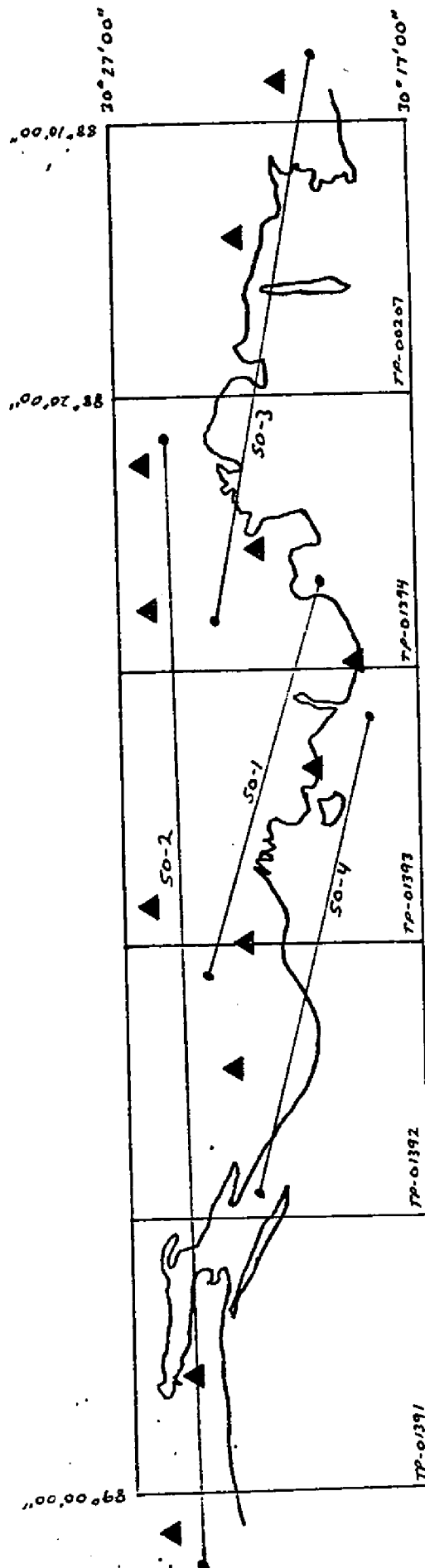
86-B(C)-9525 to 9530	Ratio 2.415
9534 to 9540	Ratio 2.410
9542 to 9550	Ratio 2.411
9553 to 9569	Ratio 2.411

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

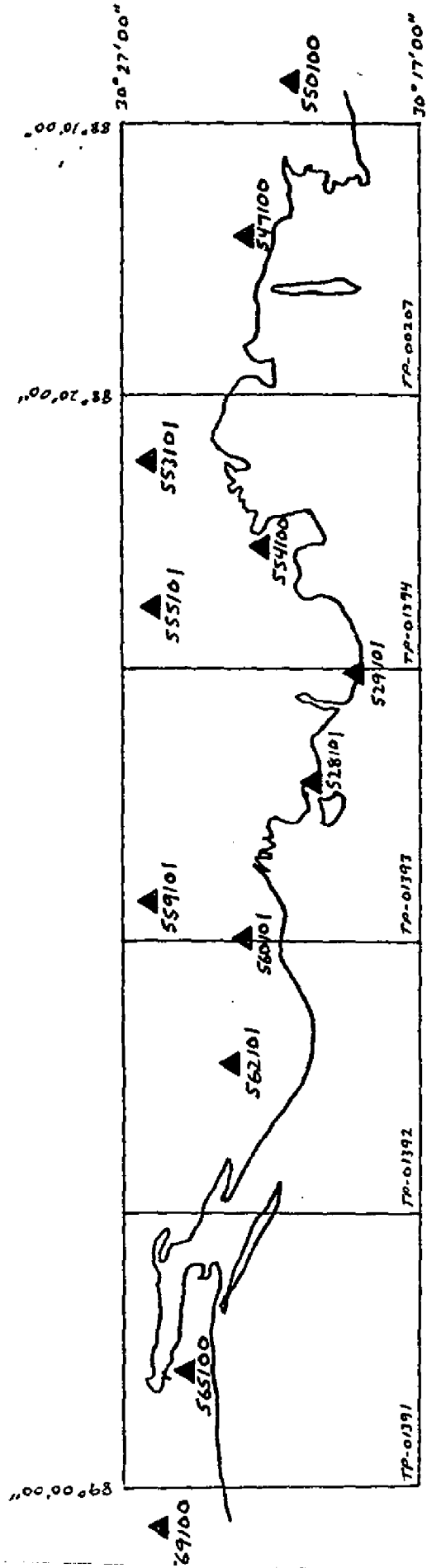
JOB CM-8510
 GULFPORT, MISSISSIPPI TO
 FOWL RIVER BAY, ALABAMA
 SHORELINE MAPPING
 SCALE - 1:25,000

BRIDGING PHOTOGRAPHS



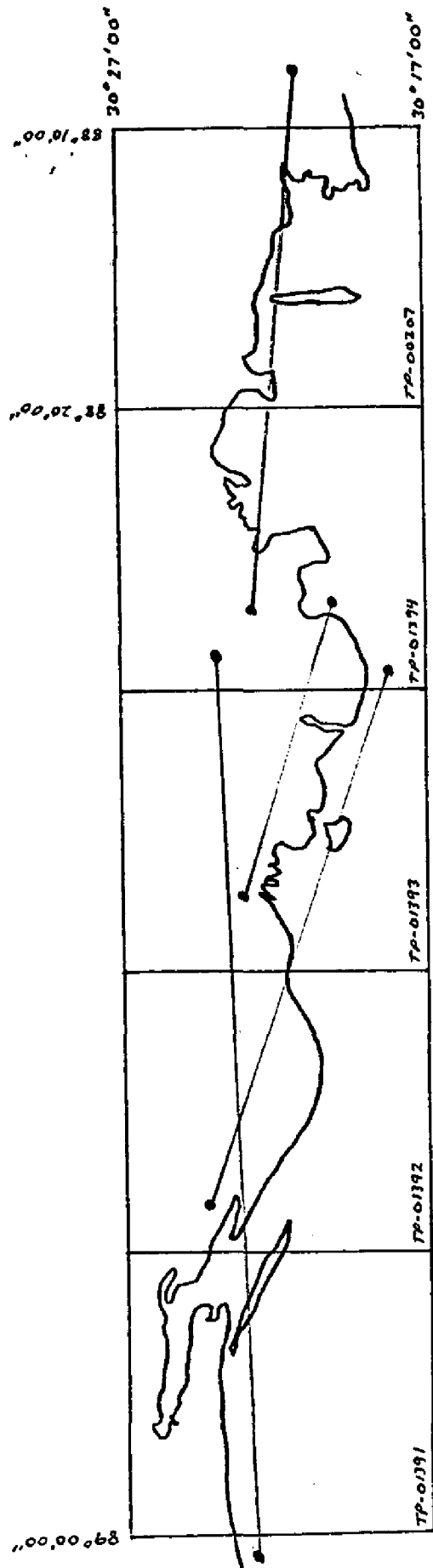
JOB CM-8510
GULFPORT, MISSISSIPPI TO
FOWL RIVER BAY, ALABAMA
SHORELINE MAPPING
SCALE - 1:25,000

CONTROL STATIONS



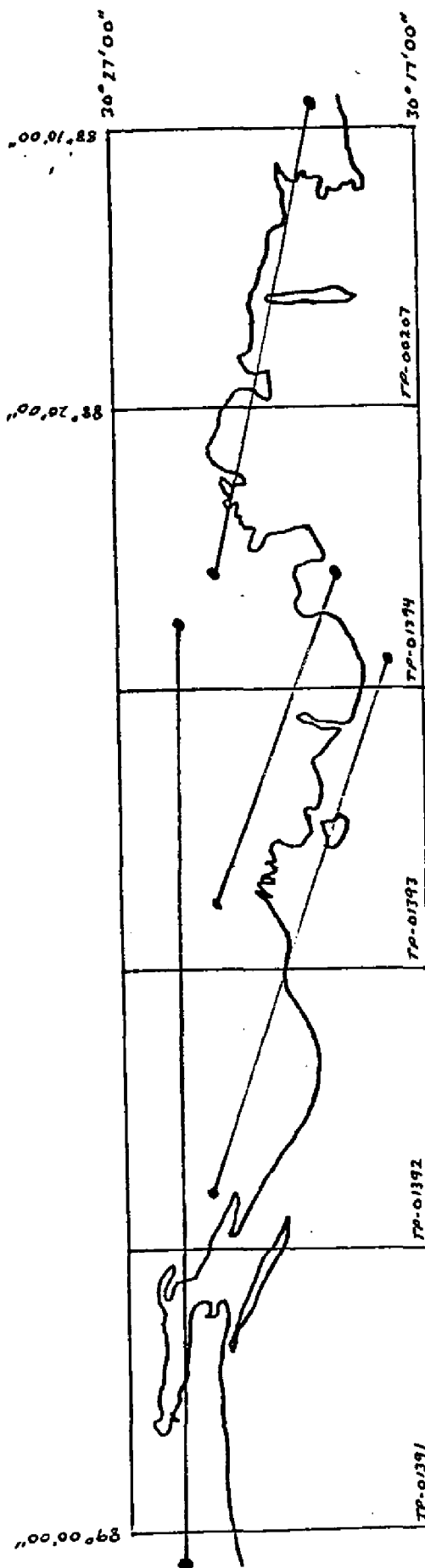
JOB CM-8510
 GULFPORT, MISSISSIPPI TO
 FOWLE RIVER BAY, ALABAMA
 SHORELINE MAPPING
 SCALE - 1:20,000

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	GEODETTIC DATUM		COORDINATES IN FEET STATE Mississippi ZONE East	GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	REMARKS
					N.A. 1927			ϕ LATITUDE	λ LONGITUDE		
TP-01391	CM-8510									Unit, AMC, Norfolk, VA	
		BILOXI KEESLER FIELD	QUAD 300883 ✓	565110 ✓			X=	ϕ 30° 24' 27.529"	λ		
		WEATHER TOWER, 1958 ✓	STA 1135 ✓				Y=	λ 88° 55' 14.327"	ϕ		
		KEESLER, 1943 ✓	QUAD 300883 ✓	565100 ✓			X=	ϕ 30° 24' 07.490"	λ		
			STA 1042 ✓				Y=	λ 88° 55' 02.863"	ϕ		
							X=	ϕ	λ		
							Y=	λ	ϕ		
							X=	ϕ	λ		
							Y=	λ	ϕ		
							X=	ϕ	λ		
							Y=	λ	ϕ		
							X=	ϕ	λ		
							Y=	λ	ϕ		
							X=	ϕ	λ		
							Y=	λ	ϕ		
							X=	ϕ	λ		
							Y=	λ	ϕ		
							X=	ϕ	λ		
							Y=	λ	ϕ		
							X=	ϕ	λ		
							Y=	λ	ϕ		
COMPUTED BY					DATE	COMPUTATION CHECKED BY				DATE	
LISTED BY	P. L. Evans, Jr.			DATE	12-28-87	LISTING CHECKED BY				DATE	3-14-88 ✓
HAND PLOTTING BY				DATE		HAND PLOTTING CHECKED BY				DATE	

COMPILATION REPORT

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31. DELINEATION:

Delineation was accomplished using Wild B-8 stereo instrument and graphic compilation methods. Instrument and graphic compilation were used to delineate 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. A section of this map, north of latitude 30° 26' 00" and west of longitude 89° 56' 30", was not covered by mean high water infrared photography.

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, eleven charted landmarks and thirteen 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:

Deer Island, Mississippi; dated 1954, photorevised 1970; scale 1:24,000

Ocean Springs, Mississippi; dated 1954, photorevised 1970 and 1976; scale 1:24,000

Biloxi, Mississippi; dated 1954, 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:

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

11373; 31st edition; dated October 24, 1987; scale 1:80,000

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

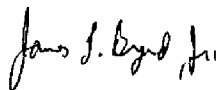
None.

Submitted by:



Paul L. Evans, Jr.
Cartographic Technician
March 11, 1988

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

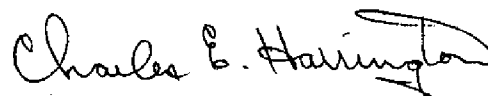
CM-8510 (Gulfport, Mississippi to Fowl River, Alabama)

TP-01391

Ascot, Point
Auguste Bayou
Avery Point
Back Bay of Biloxi
Beauvoir
Big Island
Big Lake
Biglin Bayou
Biloxi
Biloxi Bay
Biloxi River
Brasher Bayou
Cadet, Point
Cedar Point
Channel Island
Clay Point
Coley Island
Dampman Point
Deep Point
Deer Island
Devils Elbow
D'Iberville
Edgewater Park (locality)
Fort Point
Goat Island

Goose Point
Gulf Hills (locality)
Keegan Bayou
Keesler Air Force Base
Langley Point
LaPorte, Bayou
Little Big Lake
Little Island
Long Point
Magnolia Bend
Marsh Island
Mississippi Sound
Mullet Lake
Ocean Springs (locality)
Off Bayou
Old Fort Bayou
O'Neal Point
Parkhurst Point
Plummer Point
Porteaux, Bayou
Rhodes Point
Saint Martin Bayou
Seaboard System (RR)
Shipyard Point
Tchoulacabouffa River

Approved:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

REVIEW REPORT
SHORELINE

TP-01391

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:

BILOXI, MISSISSIPPI, dated 1954, photorevised 1970 and 1976,
DEER ISLAND, MISSISSIPPI, dated 1954, photorevised 1970,
OCEAN SPRINGS, MISSISSIPPI, dated 1954, photorevised 1970 and 1976,
all three 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:

11372, 20th edition, dated September 26, 1987, scale 1:40,000
11373, 31st edition, dated October 24, 1987, scale 1:80,000.

TP-01391

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:

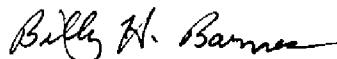


Lowell O. Neterer, Jr.

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 2

PROJECT: CM-8510

MAP NUMBER (Scale); Locality: TP-01391, 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 CC</u>	<u>GEOGRAPHIC POSITION ("-'-")</u>		<u>NCD Q.C.</u>	<u>DATE OF LOCATION</u>
		<u>LATITUDE</u>	<u>LONGITUDE</u>		
TANK ✓	086 ✓	30 23 30.93 ✓	88 59 21.05 ✓	4 ✓	3-21-86 ✓
CUPOLA ✓	086 ✓	30 23 35.73 ✓	88 58 28.26 ✓	4 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 23 42.41 ✓	88 57 45.86 ✓	4 ✓	3-21-86 ✓
TV TOWER ✓	086 ✓	30 25 55.40 ✓	88 57 22.20 ✓	7 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 24 00.80 ✓	88 55 32.60 ✓	7 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 24 13.60 ✓	88 54 44.72 ✓	4 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 24 39.60 ✓	88 54 45.08 ✓	4 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 24 32.39 ✓	88 54 15.85 ✓	4 ✓	3-21-86 ✓
TANK ✓	086 ✓	30 26 00.00 ✓	88 54 47.90 ✓	7 ✓	3-21-86 ✓
TANK/AERO ✓	086 ✓	30 24 26.72 ✓	88 55 00.54 ✓	4 ✓	3-21-86 ✓
BILOXI LIGHT	200 ✓	30 23 39.24 ✓	88 54 04.28 ✓	4 ✓	3-21-86 ✓
BILOXI CHANNEL - LIGHT 10 ✓	200	30 23 13.90 ✓	88 54 02.90 ✓	7 ✓	3-21-86 ✓
LIGHT 12 ✓	200	30 23 21.00 ✓	88 53 56.80 ✓	7 ✓	3-21-86 ✓
LIGHT 18 ✓	200 ✓	30 23 23.20 ✓	88 52 58.70 ✓	7 ✓	3-21-86 ✓
LIGHT 21	200	30 23 23.30 ✓	88 52 14.60 ✓	7 ✓	3-21-86 ✓

Listing approved by:

Lawell O. Hite
FINAL REVIEWER

Nov 9, 1988
DATE

CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION LISTING
CM-8510

TP-01391

PAGE 2 OF 2

FEATURE DESCRIPTION	NCD CC	GEOGRAPHIC POSITION (°-'-")		NCD Q.C.	DATE OF LOCATION
		LATITUDE	LONGITUDE		
BILOXI BAY MOORING DOLPHIN LIGHT C	200✓	30 24 31.40✓	88 50 53.60✓	7✓	3-21-86✓
BACK BAY OF BILOXI LIGHT 2	200✓	30 24 42.38✓	88 51 08.06✓	4✓	3-21-86✓
LIGHT 7✓	200✓	30 24 41.90✓	88 52 32.10✓	7✓	3-21-86✓
BROADWATER BEACH HOTEL MARINA CHANNEL LIGHT 6✓	200✓	30 22 51.29✓	88 57 49.80✓	4✓	3-21-86✓
LIGHT 7✓	200✓	30 23 00.92✓	88 57 50.92✓	4✓	3-21-86✓
LIGHT 8✓	200✓	30 23 08.20✓	88 57 50.00✓	7✓	3-21-86✓
LIGHT 9✓	200✓	30 23 14.70✓	88 57 50.90✓	7	3-21-86✓
BROADWATER BEACH HOTEL MARINA CHANNEL LIGHT	200✓	30 23 19.62✓	88 57 50.94✓	4✓	3-21-86✓
TANK✓	993✓	30 24 00.35✓	88 58 56.73✓	4✓	3-21-86✓
TANK✓	993✓	30 24 30.73✓	88 56 33.22✓	4✓	3-21-86✓
TANK✓	993✓	30 23 58.00✓	88 52 23.52✓	7✓	3-21-86✓
TANK✓	993✓	30 25 50.72	88 53 30.81	4✓	3-21-86✓
TANK✓	993✓	30 26 59.22✓	88 52 35.55✓	4✓	3-21-86✓

Listing approved by:

Lowell Chetani
FINAL REVIEWER

Nov 9, 1988
DATE

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-01391

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]