

TP-01426

TP-01426

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

| | |
|--|-------------------------|
| <i>Map No.</i> TP-01426 | <i>Edition No.</i> 1 |
| <i>Job No.</i> CM-8602 | |
| <i>Map Classification</i> CLASS III FINAL | |
| <i>Type of Survey</i> SHORELINE | |
| LOCALITY | |
| <i>State</i> MISSISSIPPI-LOUISIANA | |
| <i>General Locality</i> GULFPORT, MISSISSIPPI TO LAKE BORGNE, LOUISIANA | |
| <i>Locality</i> GULFPORT | |
| 1986 TO 1987 | |
| REGISTERED IN ARCHIVES | |
| DATE | |

| | | | |
|---|--|---|--|
| NOAA FORM 76-36A (3-72) <div style="text-align: right; font-size: small;"> U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. </div> <div style="text-align: center; font-weight: bold; margin-top: 10px;"> DESCRIPTIVE REPORT - DATA RECORD </div> | | <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> SURVEY TP. <u>01426</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III Final</u> JOB <u>CM-8602</u> </div> | |
| PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE C. Dale North, Jr. | | <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> LAST PRECEDING MAP EDITION </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__ </div> | |
| I. INSTRUCTIONS DATED | | | |
| 1. OFFICE | | 2. FIELD | |
| Aerotriangulation None Compilation May 27, 1988 | | Control August 1, 1986 Change #1 October 2, 1986 | |
| II. DATUMS | | | |
| 1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN | | OTHER (Specify) _____ | |
| 2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL | | OTHER (Specify) _____ | |
| 3. MAP PROJECTION <u>Transverse Mercator Projection</u> | | 4. GRID(S) <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> STATE <u>Mississippi</u> </div> <div style="width: 45%;"> ZONE <u>East</u> </div> </div> | |
| 5. SCALE <u>1:20,000</u> | | STATE _____ ZONE _____ | |
| III. HISTORY OF OFFICE OPERATIONS | | | |
| OPERATIONS | | NAME | DATE |
| 1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY | | <u>L. Harrodi</u> | <u>Sep. 1987</u> |
| 2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Kongsburg Plotter</u> CHECKED BY | | <u>L. Harrod</u> <u>D. Norman</u> | <u>Sep. 1987</u> <u>Sep. 1987</u> |
| 3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY | | <u>D. Miller</u> <u>F. Mauldin</u> <u>N.A.</u> <u>N.A.</u> | <u>May 1988</u> <u>May 1988</u> |
| 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 | | <u>D. Miller</u> <u>F. Mauldin</u> <u>N.A.</u> <u>N.A.</u> <u>D. Miller</u> <u>F. Mauldin</u> | <u>May 1988</u> <u>July 1988</u> <u>May 1988</u> <u>July 1988</u> |
| 5. OFFICE INSPECTION PRIOR TO Final Review BY | | <u>F. Mauldin</u> | <u>July 1988</u> |
| 6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY | | <u>N.A.</u> <u>N.A.</u> | |
| 7. COMPILATION SECTION REVIEW <u>Class III</u> BY | | <u>F. Mauldin</u> | <u>July 1988</u> |
| 8. FINAL REVIEW <u>Class III</u> BY | | <u>L. O. Neterer, Jr.</u> | <u>Nov. 1988</u> |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY | | <u>L. O. Neterer, Jr.</u> | <u>Dec. 1988</u> |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY | | <u>P. Dempsey</u> | <u>Feb 1989</u> |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION BY | | | |

TP-01426

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

| | | | | | |
|--|----------|---|----------|--------------------|--|
| CAMERA(S) Wild RC 10 (Z) (Z = 153.15mm) Wild RC 10 (B) (B = 152.74mm) | | TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED | | TIME REFERENCE | |
| TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE Coordinated Photography | | | | ZONE Central | <input checked="" type="checkbox"/> STANDARD |
| | | | | MERIDIAN 90° | <input type="checkbox"/> DAYLIGHT |
| NUMBER AND TYPE | DATE | TIME | SCALE | STAGE OF TIDE | |
| 86 B(C) 2654-2658 | 11-21-86 | 0959 | 1:50,000 | * | |
| 86 Z(R) 0025, 0027 | 12-2-86 | 1242 | 1:50,000 | 0.1 ft. above MLLW | |
| 86 Z(R) 0855, 0857 | 03-04-87 | 1059 | 1:50,000 | 0.2 ft. below MHW | |
| 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 station at Cadet Point.
*Information for these photographs was not submitted with the tide data for this project.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high-water line was compiled from office interpretation of the above listed compilation/bridging photographs using stereo instrument methods. The black and white infrared ratio photographs were used to assist in the interpretation of the mean high-water line.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The mean lower low-water line was compiled graphically from the above listed black and white infrared ratio photographs.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

| SURVEY NUMBER | DATE(S) | SURVEY COPY USED | SURVEY NUMBER | DATE(S) | SURVEY COPY USED |
|---------------|---------|------------------|---------------|---------|------------------|
| | | | | | |

5. FINAL JUNCTIONS

| NORTH | EAST | SOUTH | WEST |
|-----------|---------------------|----------|----------|
| No Survey | CM-8510 TP-01391 | TP-01429 | TP-01425 |

REMARKS

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

TP-01426

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

| OPERATION | NAME | DATE |
|-------------------------------------|--|-----------|
| 1. CHIEF OF FIELD PARTY | R. DeCroix | Nov. 1986 |
| 2. HORIZONTAL CONTROL | RECOVERED BY R. DeCroix | Nov. 1986 |
| | ESTABLISHED BY R. DeCroix | Nov. 1986 |
| | PRE-MARKED OR IDENTIFIED BY R. DeCroix | Nov. 1986 |
| 3. VERTICAL CONTROL | RECOVERED BY N.A. | |
| | ESTABLISHED BY N.A. | |
| | PRE-MARKED OR IDENTIFIED BY N.A. | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY N.A. | |
| | LOCATED (Field Methods) BY N.A. | |
| | IDENTIFIED BY N.A. | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION | |
| 6. PHOTO INSPECTION | CLARIFICATION OF DETAILS BY N.A. | |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY N.A. | |

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Paneled

2. VERTICAL CONTROL IDENTIFIED

None

| PHOTO NUMBER | STATION NAME | PHOTO NUMBER | STATION DESIGNATION |
|--------------|----------------------------|--------------|---------------------|
| 86B(C)2656 | CIRCLE NO. 8 - (GEOCEIVER) | | |

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)

NOAA Form 76-53
Form NGS C152-2

NOAA FORM 76-36D
(3-72)

TP-01426

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

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

| COMPILATION STAGES | | | DATE MANUSCRIPT FORWARDED | |
|----------------------|-----------|----------------------|---------------------------|---------------|
| DATA COMPILED | DATE | REMARKS | MARINE CHARTS | HYDRO SUPPORT |
| Compilation Complete | July 1988 | Class III Manuscript | | |
| Final Review | Nov. 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 |
|-----------------|---------------------------------|-------------------|---|
| 2 | | June 1989 | Charted Landmarks and Aids to Navigation Form |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

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

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

| | | | |
|----------------|---------------------------------|--------------------------|---|
| SECOND EDITION | SURVEY NUMBER TP - _____ (2) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | |
| THIRD EDITION | SURVEY NUMBER TP - _____ (3) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | |
| FOURTH EDITION | SURVEY NUMBER TP - _____ (4) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | |

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

CAUTION: Bearings for base of horizontal reference at low altitude over lake during heavy conditions and at night

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

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01426

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 $30^{\circ} 05' 00''$ north to latitude $30^{\circ} 27' 00''$ and longitude $89^{\circ} 00' 00''$ west to longitude $89^{\circ} 40' 00''$.

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

Photographic coverage was provided in November 1986 using color film with the "B" camera (focal length 152.74 millimeters) and in December 1986 and March 1987 with the "Z" camera (focal length 153.15 millimeters).

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

Compilation was performed at the Atlantic Marine Center from office interpretation of the 1:50,000 color and infrared photography in July 1988.

Final Review was accomplished at the Atlantic Marine Center in November 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-0147 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

3

GULFPORT TO LAKE BORGNE
MISSISSIPPI-LOUISIANA
CM-8602

SEPTEMBER 1987

FIT TO CONTROL - X AND Y IN FEET

| <u>STRIP 50-1</u> | <u>POINT NO.</u> | <u>X</u> | <u>Y</u> |
|--|------------------|----------|----------|
| ▲ 9. KEESLER-paneled direct | (652100) | - .3 | -3.1 |
| ▲ 8 Sub pt.A-panel | (656101) | 1.5 | 5.8 |
| ▲ 6. PHILIP 2,1966 sub pt.A-panel | (665101) | -5.1 | -2.9 |
| ▲ 3. BAXTER 1986-panel | (668101) | 7.6 | -1.2 |
| ▲ 1. PIKE 1931-1952 sub pt.A-panel | (671101) | -3.8 | 1.4 |
| 105. GULFPORT WALCOTT CAMPBELL COTTONMILL TANK, 1930 | (656102) | 3.4 | 1.2 |
| <u>STRIP 50-2</u> | | | |
| ▲ 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 |

| <u>Strip 50-3</u> | | | |
|-----------------------|----------------------------------|----------|-----------|
| ▲ 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 |
| <u>Strip 20-1</u> | | | |
| ▲ 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 |

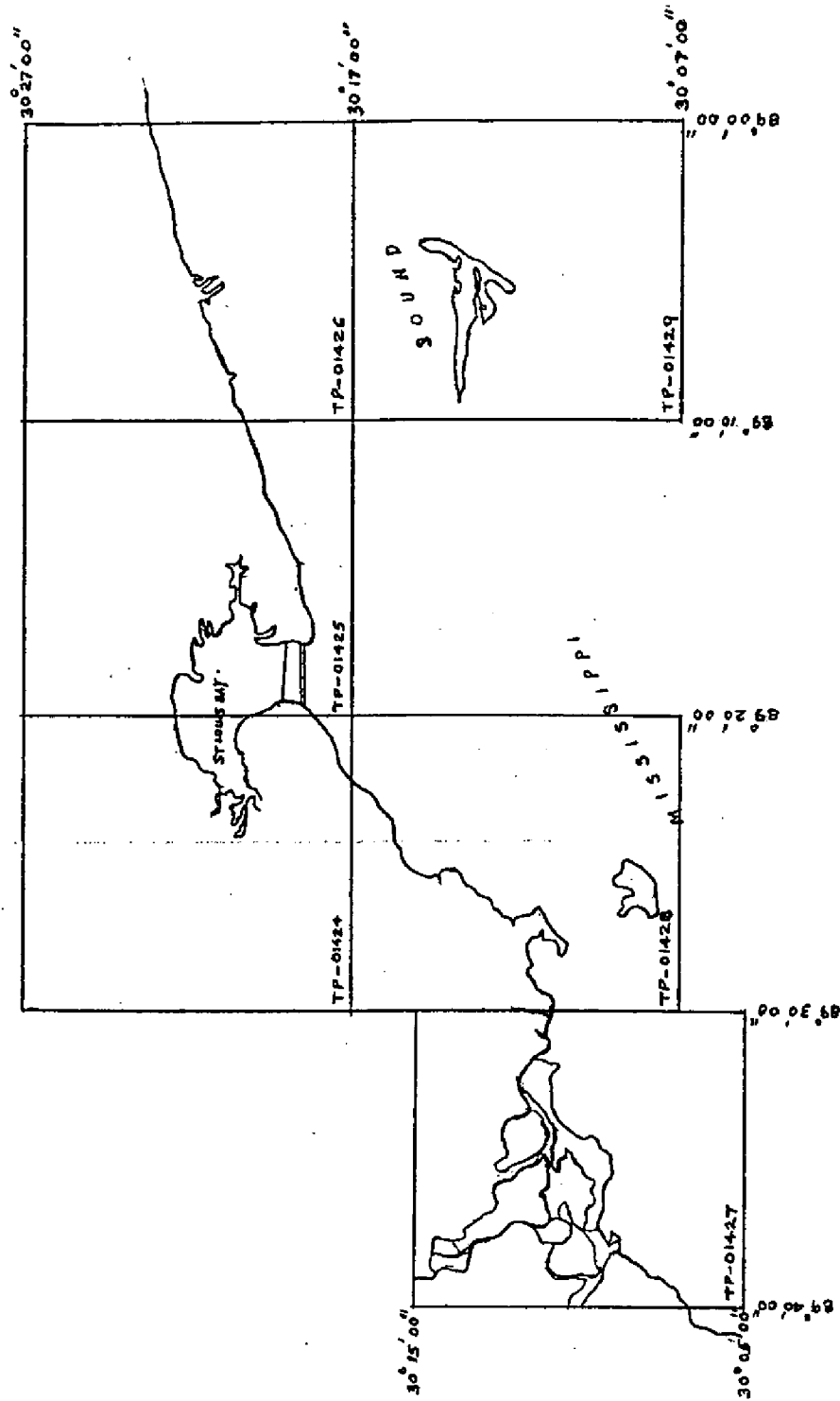
- Tie points held in adjustment

▲ Control points held in adjustment

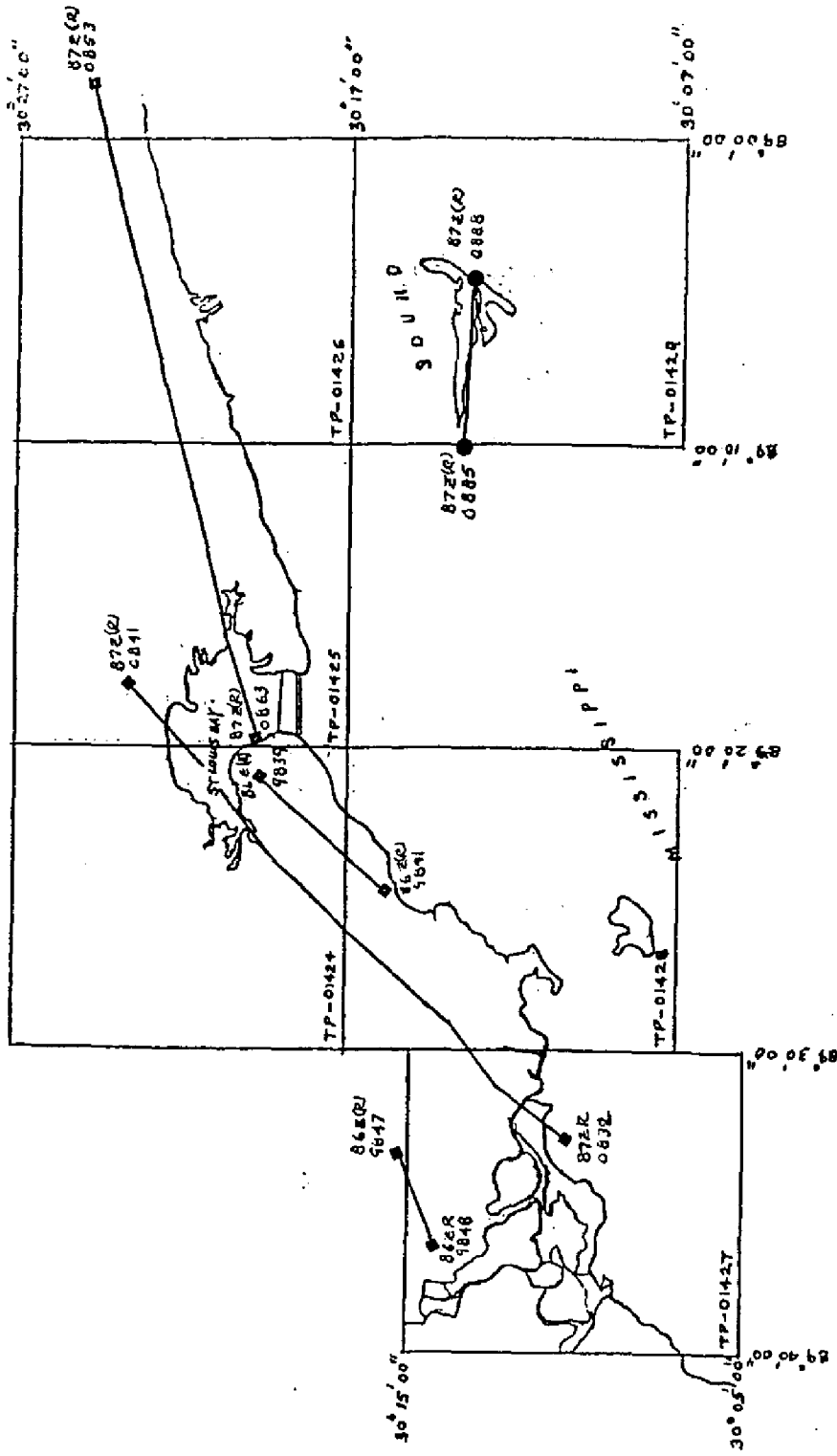
6

RATIO VALUE
CM-8602

| <u>1:50,000 Bridging Photographs</u> | <u>Ratio Value</u> |
|---|--------------------|
| 86 B(C) 2652-2690 | 2.51 |
| 86 B(C) 2795-2802 | 2.48 |
| 86 B(C) 2699-2706 | 2.51 |
| <u>1:20,000 Bridging Photographs</u> | |
| 86 B(C) 2972-2976 | 0.99 |
| 86 B(C) 2963-2967 | 0.99 |
| <u>MLLW 1:40,000 Black and White Infrared</u> | |
| 86 Z(R) 0046-0048 | 1.98 |
| <u>1:50,000 Black and White Infrared</u> | |
| 86 Z(R) 0024-0034 | 2.42 |
| <u>MHW 1:40,000 Black and White Infrared</u> | |
| 87 Z(R) 0885-0888 | 2.02 |
| <u>1:50,000 Black and White Infrared</u> | |
| 86 Z(R) 9847-9848 | 2.48 |
| 86 Z(R) 9839-9841 | 2.47 |
| 87 Z(R) 0853-0863 | 2.46 |
| 87 Z(R) 0832-0841 | 2.47 |



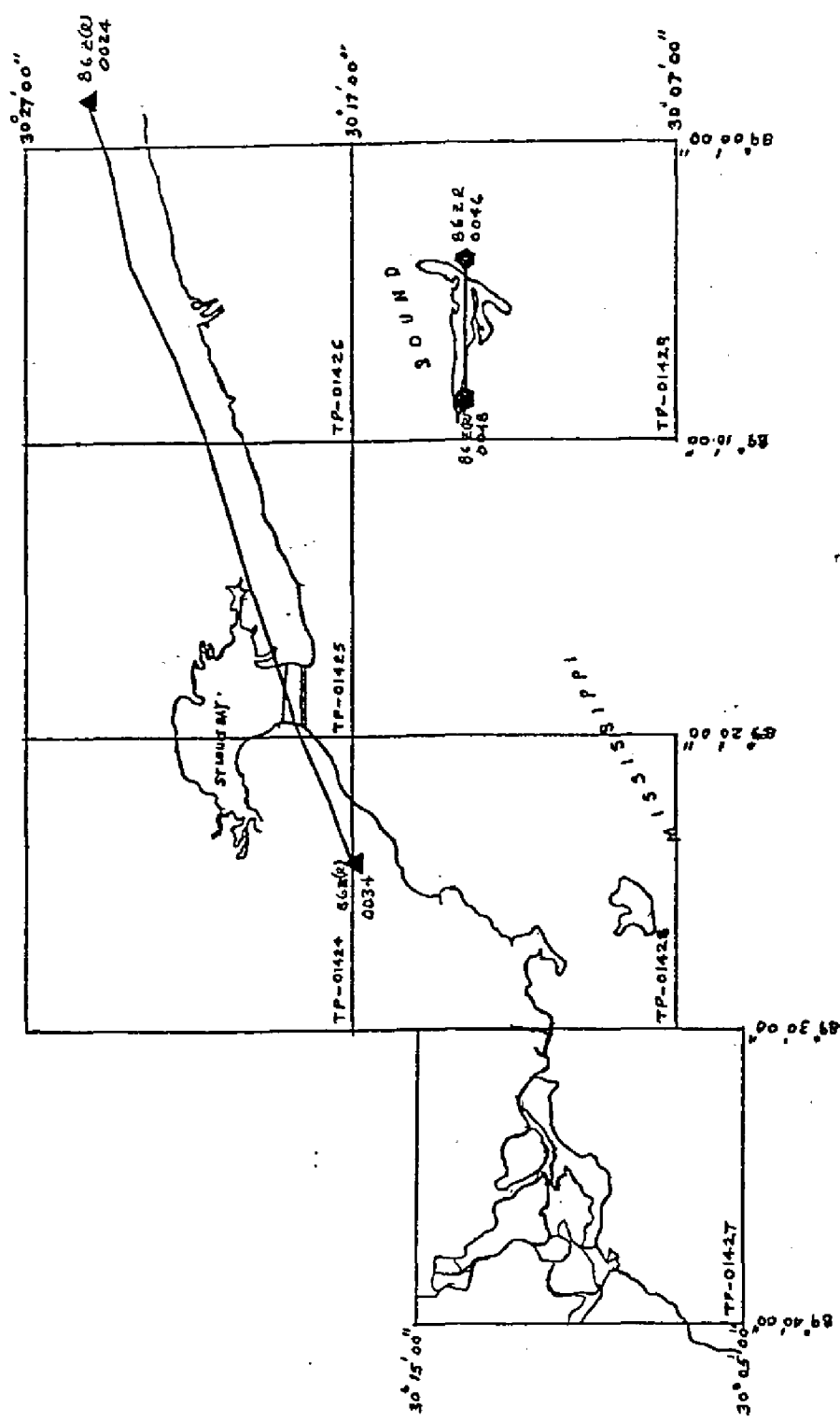
JOB CM-8602
GULFPORT TO LAKE BORGNE
MISSISSIPPI - LOUISIANA
SCALE 1:20,000



JOB CM-8602
GULFPORT TO LAKE BORGNE
MISSISSIPPI-LOUISIANA
SCALE 1:40,000

INFRARED PHOTOGRAPHY

LEGEND
1:50,000 MHW
1:40,000 MHW



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

INFRARED PHOTOGRAPHY

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

DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO. | JOB NO. | SOURCE OF INFORMATION (Index) | AEROTRI- ANGULATION POINT NUMBER | GEODETTIC DATUM | | ORIGINATING ACTIVITY | REMARKS |
|---|-------------|----------------------------------|---|--------------------------|---|------------------------|---------|
| | | | | N.A. 1927 | COORDINATES IN FEET STATE Mississippi ZONE East | | |
| TP-01426 | CM-8602 | | | | | Unit, AMC, Norfolk, VA | |
| | | | | | | | |
| GULFPORT WALCOTT CAMPBELL COTTON MILL TANK, 1930 | Quad 300892 | 656102 | | X= | 30° 22' 57.839" | | |
| | Sta. 1096 | | | Y= | 89° 05' 49.763" | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| | | | | X= | φ | | |
| | | | | Y= | λ | | |
| COMPUTED BY | | | DATE | COMPUTATION CHECKED BY | | DATE | |
| LISTED BY | | | DATE | LISTING CHECKED BY | | DATE | |
| HAND PLOTTING BY | | | DATE | HAND PLOTTING CHECKED BY | | DATE | |

COMPILATION REPORT

TP-01426

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 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.

TP-01426

36. OFFSHORE DETAILS:

Offshore detail was compiled by instrument methods using the 1:50,000 scale bridging/compilation color photographs as described in item #31.

The tide coordinated mean lower low water infrared ratio photographs were used to graphically compile the approximate mean lower low water line as described in item #31.

37. LANDMARKS AND AIDS:

Within the limits of this map, fifteen charted landmarks and eleven 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:

Gulfport North, Mississippi; dated 1954, photorevised 1985; scale 1:24,000
Gulfport South, Mississippi; dated 1954, photorevised 1985; scale 1:24,000
Pass Christian, Mississippi; dated 1955, photorevised 1985; scale 1:24,000

TP-01426

47. COMPARISON WITH NAUTICAL CHARTS:

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

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



David R. Miller
Cartographer
June 1, 1988

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-01426

Bernard Bayou

Big Lake

Biloxi River

Brickyard Bayou

Coley Island

Ditch Bayou

Gaston Point

Gulfport

Gulfport-Biloxi Regional Airport

Gulfport Harbor

Industrial Seaway

Long Beach (locale)

Mississippi City

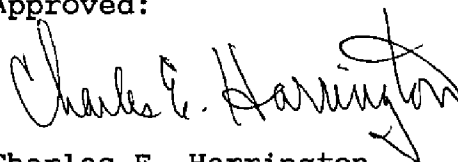
Mississippi Sound

Seaboard System (RR)

Shallow Point

Turkey Creek

Approved:



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

REVIEW REPORT
SHORELINE

TP-01426

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:

GULFPORT NORTH, MISSISSIPPI, dated 1954, photorevised
1985,
GULFPORT SOUTH, MISSISSIPPI, dated 1954, photorevised
1985,
PASS CHRISTIAN, MISSISSIPPI, dated 1955, photorevised
1985,
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:

11371, 28th edition, dated June 27, 1987, scale
1:80,000
11372, 20th edition, dated September 26, 1987, scale
1:40,000 SC,
11373, 31st edition, dated October 24, 1987, scale
1:80,000.

TP-01426

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.
Lowell O. Neterer, Jr.
Final Reviewer
November 1988

Approved for Forwarding:

Billy H. Barnes
Billy H. Barnes
Chief, Quality Assurance Group

Approved:

C. Y. Bodnar
Chief, Photogrammetric Sect.

C. Y. Bodnar
Chief, Photogrammetry Br.

CARTOGRAPHIC FEATURES OF POSSIBLE LANDMARK VALUE LISTING

Page 1 of 2

PROJECT: CM-8602

MAP NUMBER (Scale); Locality: TP-01426; 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 °-'-" | | NCD Q.C. | DATE OF LOCATION |
|---------------------|-----------|---------------------------|---------------|-------------|---------------------|
| | | LATITUDE | LONGITUDE | | |
| STACK ✓ | 086 ✓ | 30 26 20.50 ✓ | 89 01 35.00 ✓ | 7 ✓ | 11-21-86 ✓ |
| TANK ✓ | 086 ✓ | 30 26 03.30 ✓ | 89 01 49.90 ✓ | 7 ✓ | 11-21-86 ✓ |
| TANK ✓ | 086 ✓ | 30 24 46.70 ✓ | 89 02 59.20 ✓ | 7 ✓ | 11-21-86 ✓ |
| TANK ✓ | 086 ✓ | 30 22 48.40 ✓ | 89 03 00.10 ✓ | 7 ✓ | 11-21-86 ✓ |
| STACK ✓ | 086 ✓ | 30 22 43.80 | 89 03 15.40 ✓ | 7 ✓ | 11-21-86 ✓ |
| TOWER ✓ | 086 ✓ | 30 24 48.30 ✓ | 89 04 28.10 ✓ | 7 ✓ | 11-21-86 ✓ |
| TANK ✓ | 139 ✓ | 30 22 57.84 ✓ | 89 05 49.76 ✓ | 3 ✓ | 11-21-86 ✓ |
| TANK ✓ | 086 ✓ | 30 23 05.20 ✓ | 89 06 15.70 ✓ | 7 ✓ | 11-21-86 ✓ |
| TANK ✓ | 086 ✓ | 30 22 19.30 ✓ | 89 05 39.30 ✓ | 7 ✓ | 11-21-86 ✓ |
| BUILDING ✓ | 086 ✓ | 30 22 06.10 ✓ | 89 05 37.00 ✓ | 7 ✓ | 11-21-86 ✓ |
| BUILDING ✓ | 086 ✓ | 30 22 03.90 ✓ | 89 05 26.00 ✓ | 7 ✓ | 11-21-86 ✓ |
| SPIRE ✓ | 086 ✓ | 30 22 02.60 ✓ | 89 05 19.00 ✓ | 7 ✓ | 11-21-86 ✓ |
| RADIO TOWER ✓ | 086 ✓ | 30 22 37.70 ✓ | 89 04 46.10 ✓ | 7 ✓ | 11-21-86 ✓ |
| TANK ✓ | 086 ✓ | 30 21 10.20 ✓ | 89 05 33.70 ✓ | 7 ✓ | 11-21-86 ✓ |

Listing approved by:

Lowell C. Hiltner

FINAL REVIEWER

December 1988
DATE

CARTOGRAPHIC FEATURES OF POSSIBLE LANDMARK VALUE LISTING
CM-8602

TP-01426

Page 2 of 2

| FEATURE DESCRIPTION | NCD CC | GEOGRAPHIC POSITION°-'-" | | NCD Q.C. | DATE OF LOCATION |
|--|-----------|--------------------------|---------------|-------------|---------------------|
| | | LATITUDE | LONGITUDE | | |
| TANK ✓ | 086✓ | 30 21 29.30 ✓ | 89 08 47.70 ✓ | 7 ✓ | 11-21-86 ✓ |
| BERNARD BAYOU ✓ | | | | | |
| LIGHT 1 ✓ | 200 ✓ | 30 24 56.50 ✓ | 89 00 14.00 ✓ | 7 ✓ | 11-21-86 ✓ |
| LIGHT 2 ✓ | 200 ✓ | 30 25 06.70 ✓ | 89 00 24.80 ✓ | 7 ✓ | 11-21-86 ✓ |
| LIGHT 5 ✓ | 200 ✓ | 30 25 33.70 ✓ | 89 03 09.10 ✓ | 7 ✓ | 11-21-86 ✓ |
| LIGHT 7 ✓ | 200 ✓ | 30 25 31.20 ✓ | 89 03 42.10 ✓ | 7 ✓ | 11-21-86 ✓ |
| LIGHT 9 ✓ | 200 ✓ | 30 25 26.40 ✓ | 89 03 58.30 ✓ | 7 ✓ | 11-21-86 ✓ |
| LIGHT 13 ✓ | 200 ✓ | 30 25 42.70 ✓ | 89 04 24.40 ✓ | 7 ✓ | 11-21-86 ✓ |
| GULFPORT RANGE FRONT LIGHT ✓ | 208 ✓ | 30 21 11.40 ✓ | 89 05 07.50 ✓ | 7 ✓ | 11-21-86 ✓ |
| GULFPORT CHANNEL LIGHT 77 ✓ | 200 ✓ | 30 21 09.00 ✓ | 89 05 11.90 ✓ | 7 ✓ | 11-21-86 ✓ |
| GULFPORT YACHT BASIN CHANNEL LIGHT 2 ✓ | 200 ✓ | 30 21 12.20 ✓ | 89 04 55.80 ✓ | 7 ✓ | 11-21-86 ✓ |
| CHANNEL LIGHT 8 ✓ | 200 ✓ | 30 21 31.70 ✓ | 89 05 12.10 ✓ | 7 ✓ | 11-21-86 ✓ |
| GULFPORT SMALL BOAT HARBOR LIGHT 9 ✓ | 200 ✓ | 30 21 24.40 ✓ | 89 05 54.70 ✓ | 7 ✓ | 11-21-86 ✓ |
| STACK ✓ | 993 ✓ | 30 26 21.00 ✓ | 89 01 33.30 ✓ | 7 ✓ | 11-21-86 ✓ |
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Listing approved by: Lowell Chittels December 1988
FINAL REVIEWER DATE

