

TP-01408

TP-01408

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-01408

Edition No.

1

Job No.

CM-8506

Map Classification

CLASS III FINAL

Type of Survey

SHORELINE

LOCALITY

State

SOUTH CAROLINA - GEORGIA

General Locality

ST HELENA SOUND TO SAVANNAH RIVER

Locality

PRITCHARDS ISLAND

19⁸⁷ 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., CDR | | SURVEY TP. 01408 MAP EDITION NO. (1) MAP CLASS III Final JOB NA CM-8506 | |
| PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit, Atlantic Marine Center Norfolk, VA OFFICER-IN-CHARGE C. Dale North, Jr., CDR | | 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 None Compilation July 18, 1988 | | Control - December 12, 1986 | |
| II. DATUMS | | | |
| 1. HORIZONTAL: 1983 <input checked="" type="checkbox"/> NAD 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 Lambert Conformal Projection | | 4. GRID(S) STATE NA ZONE NA | |
| 5. SCALE 1:20,000 | | STATE NA ZONE | |
| III. HISTORY OF OFFICE OPERATIONS | | | |
| OPERATIONS | | NAME | DATE |
| 1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY | | L. Harrod | March 1988 |
| 2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Kongsberg Plotter CHECKED BY | | L. Harrod D. Norman | March 1988 March 1988 |
| 3. STEREOSCOPIC INSTRUMENT COMPILATION PLANIMETRY BY CHECKED BY INSTRUMENT: Wild B-8 CONTOURS BY SCALE: 1:20,000 CHECKED BY | | A. Grimes F. Mauldin NA NA | Aug 1988 Aug 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 | | A. Grimes F. Mauldin NA NA NA NA | Aug 1988 Sept 1988 |
| 5. OFFICE INSPECTION PRIOR TO FINAL Final Review BY | | F. Mauldin | Sept 1988 |
| 6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY | | NA NA | |
| 7. COMPILATION SECTION REVIEW Class III BY | | F. Mauldin | Sept 1988 |
| 8. FINAL REVIEW Class III BY | | L.O. Neterer, Jr. | June 1989 |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY | | L.O. Neterer, Jr. | |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY | | P. Damprey | Dec. 1989 |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION BY | | J. Nelson | Apr. 1990 |

TP-01408

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

| | | | | | |
|--|---------|---|----------|---|--|
| CAMERA(S) Wild RC10(B) (B=152.74mm) Wild RC10(Z) (Z=153.15mm) | | TYPES OF PHOTOGRAPHY LEGEND | | TIME REFERENCE | |
| TIDE STAGE REFERENCE | | (C) COLOR (P) PANCHROMATIC (I) INFRARED | | ZONE | |
| <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY | | | | Eastern MERIDIAN 75° | |
| | | | | <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT | |
| NUMBER AND TYPE | DATE | TIME | SCALE | STAGE OF TIDE | |
| *87B(C) 3867-3873 | 2-10-87 | 1325± | 1:50,000 | 1.5 ft above MLLW | |
| **87Z(R) 0411, 0413, 0415 | 2-12-87 | 1455 | 1:50,000 | 0.6 ft above MLLW | |
| **87Z(R) 0671-0673 | 3-03-87 | 1015 | 1:50,000 | 0.3 ft above MHW | |

REMARKS *Compilation/bridging photographs based on predicted tide data.
**Tide coordinated MHW and MLLW photographs based on actual tide data and are referenced to the tide station at the Savannah Bar Pilots Dock.

2. SOURCE OF MEAN HIGH-WATER LINE:

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

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 |
|----------|-----------|-----------|----------|
| TP-01405 | No survey | No survey | TP-01407 |
| REMARKS | | | |
| | | | |

TP-01408

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

| OPERATION | NAME | DATE |
|-------------------------------------|---|----------|
| 1. CHIEF OF FIELD PARTY | P. Walbolt | Jan 1987 |
| 2. HORIZONTAL CONTROL | RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA | |
| 3. VERTICAL CONTROL | RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY NA LOCATED (Field Methods) BY NA IDENTIFIED BY NA | |
| 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 NA | |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY NA | |

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

| PHOTO NUMBER | STATION NAME | PHOTO NUMBER | STATION DESIGNATION |
|--------------|--------------|--------------|---------------------|
| | | | |

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

| PHOTO NUMBER | OBJECT NAME | PHOTO NUMBER | OBJECT NAME |
|--------------|-------------|--------------|-------------|
| | | | |

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ 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)

None

TP-01408
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

| COMPILATION STAGES | | | DATE MANUSCRIPT FORWARDED | |
|----------------------|----------|----------------------|---------------------------|---------------|
| DATA COMPILED | DATE | REMARKS | MARINE CHARTS | HYDRO SUPPORT |
| Compilation Complete | Sep 1988 | Class III Manuscript | | |
| Final Review | May 1989 | Final Class III Map | Dec. 1989 | Dec. 1989 |
| | | | | |
| | | | | |

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

| NUMBER pages | CHART LETTER NUMBER ASSIGNED | DATE FORWARDED | REMARKS |
|-----------------|---------------------------------|-------------------|---------------------------------------|
| 1 | | Dec. 1989 | 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-8506

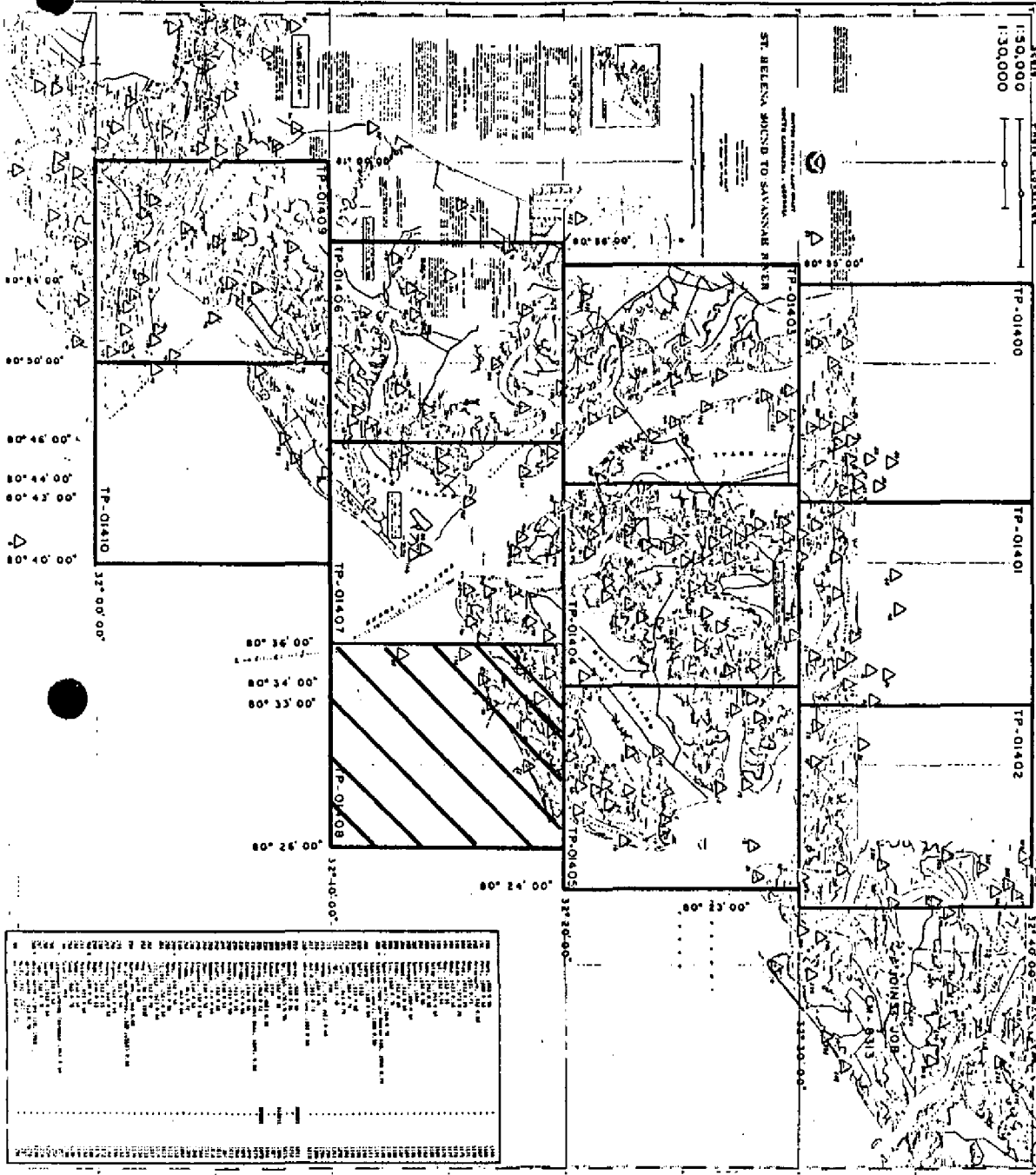
ST. HELENA SOUND TO SAVANNAH RIVER
SOUTH CAROLINA - GEORGIA
SHORELINE MAPPING

SCALE 1:20,000

LEGEND:

- 1:50,000 Color (Bringing)
- 1:50,000 Black & white (infrared) MHW
- 1:50,000 Black & white (infrared) MLW
- 1:30,000 Color (Compilation)

Scale
1:50,000
1:30,000



ST. HELENA SOUND TO SAVANNAH RIVER
SOUTH CAROLINA - GEORGIA
SHORELINE MAPPING
JOB CM-8506
SCALE 1:20,000
LEGEND:
1:50,000 Color (Bringing)
1:50,000 Black & white (infrared) MHW
1:50,000 Black & white (infrared) MLW
1:30,000 Color (Compilation)
Scale
1:50,000
1:30,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01408

This 1:20,000 scale map is one of eleven maps in Project CM-8506, which extends from St Helena Sound, South Carolina southwest including Savannah River, Georgia. The project extends from latitude $32^{\circ} 00' 00''$ north to latitude $32^{\circ} 40' 00''$ and longitude $80^{\circ} 23' 00''$ west to longitude $81^{\circ} 00' 00''$.

Field work prior to compilation was accomplished during January 1987. It consisted of premarking horizontal control stations to satisfy aerotriangulation requirements.

Photographic coverage was provided in February 1987 using color film with the "B" camera (focal length 152.74 millimeters). Black and white infrared photography was taken in February and March 1987 using the Z camera (focal length 153.15 millimeters).

Analytic aerotriangulation was performed at the Washington Science Center in March 1988.

Compilation was performed at the Atlantic Marine Center in September 1988 by office interpretation of the 1:50,000 color and the infrared Mean High Water and Mean Lower Low Water photography.

Final Review was accomplished at the Atlantic Marine Center in June 1989. 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 registration.

AEROTRIANGULATION REPORT
CM-8506
ST. HELENA SOUND TO SAVANNAH RIVER
March, 1988

21. AREA COVERED

The project covers the shoreline, islands, and the adjacent waterways from St. Helena Sound in South Carolina to Savannah River in Georgia. There are eleven 1:20,000 scale sheets; TP-01400 through TP-01410.

22. METHOD

Seven strips of 1:50,000 scale color photographs were bridged by analytic aerotriangulation methods and adjusted to ground using the GIANT program. The strips were measured on the National Ocean Service Analytical Plotter (NOSAP). The horizontal control was pre-marked.

Ratio values were determined for the 1:50,000 scale color photographs and for the 1:50,000 scale black and white infrared photographs.

Work manuscripts and manuscripts for the final map were plotted on the Kongsberg plotter. The sheets were plotted in the South Carolina state plane coordinate system. This is a Lambert conformal conic projection. All positions are on the NAD 1983. In addition, 10 mm ticks representing NAD 27 projection intersections were plotted at twice the interval of the NAD 83 projections.

23. ADEQUACY OF CONTROL

The project meets the National Ocean Service requirements for map manuscripts. Tie points were used to ensure an adequate fit between strips. A listing of the fit to control is attached.

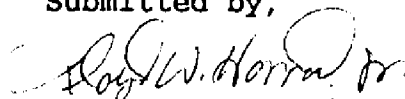
24. SUPPLEMENTAL DATA

U.S.G.S. topographic quadrangles were used to obtain vertical control for bridging. NOS nautical charts were used to locate fixed aids to navigation and landmarks.

25. PHOTOGRAPHY

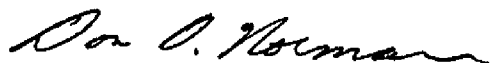
The photography was adequate.

Submitted by,



Lloyd W. Harrod, Jr.

Approved and Forwarded .



Don O. Norman
Chief, Aerotriangulation Unit

ST. HELENA SOUND TO SAVANNAH RIVER
SOUTH CAROLINA - GEORGIA
CM-8506

March 1988

FIT TO CONTROL - X AND Y IN FEET

| | <u>Name</u> | <u>Point No.</u> | <u>X</u> | <u>Y</u> |
|-----|---|------------------|----------|----------|
| 1. | Panel #1 | (955101) | -0.2 | 0.1 |
| 2. | McLeud, 1933 Panel #2 Direct | (952100) | -1.0 | -2.5 |
| 3. | Chisholm, 1932 Panel #3 Direct | (757100) | 1.0 | 0.5 |
| 4. | Panel #4 | (781101) | 1.0 | -1.4 |
| 6. | Panel #6 | (895101) | 0.0 | 0.2 |
| 7. | Panel #7 | (861101) | 1.6 | 1.0 |
| 8. | EUHAW, 1933 Panel #8 Direct | (751100) | 1.8 | -1.2 |
| 9. | Panel #9 | (747101) | -1.1 | 0.6 |
| 10. | DAW 3 Rm 2, 1931 Panel #10 | (902101) | -1.4 | -1.2 |
| 11. | Panel #11 | (855101) | 2.3 | 3.2 |
| 12. | Panel #12 | (850101) | -1.9 | 1.4 |
| 13. | Panel #13 | (911101) | -1.2 | 0.5 |
| 14. | WEST BASE USE, 1932 Panel #14 Direct | (772101) | 0.9 | -1.1 |
| 15. | Panel #15 | (842101) | 0.2 | 0.8 |

Ratio Values
CM-8506

1:50,000 Bridging Photographs

Ratio Values

| | |
|-------------------|------|
| 87B (C) 3951-3955 | 2.44 |
| 87B (C) 3747-3757 | 2.44 |
| 87B (C) 3781-3799 | 2.43 |
| 87B (C) 3890-3932 | 2.45 |
| 87B (C) 3841-3879 | 2.45 |
| 87B (C) 3771-3773 | 2.44 |
| 87B (C) 3735-3737 | 2.44 |

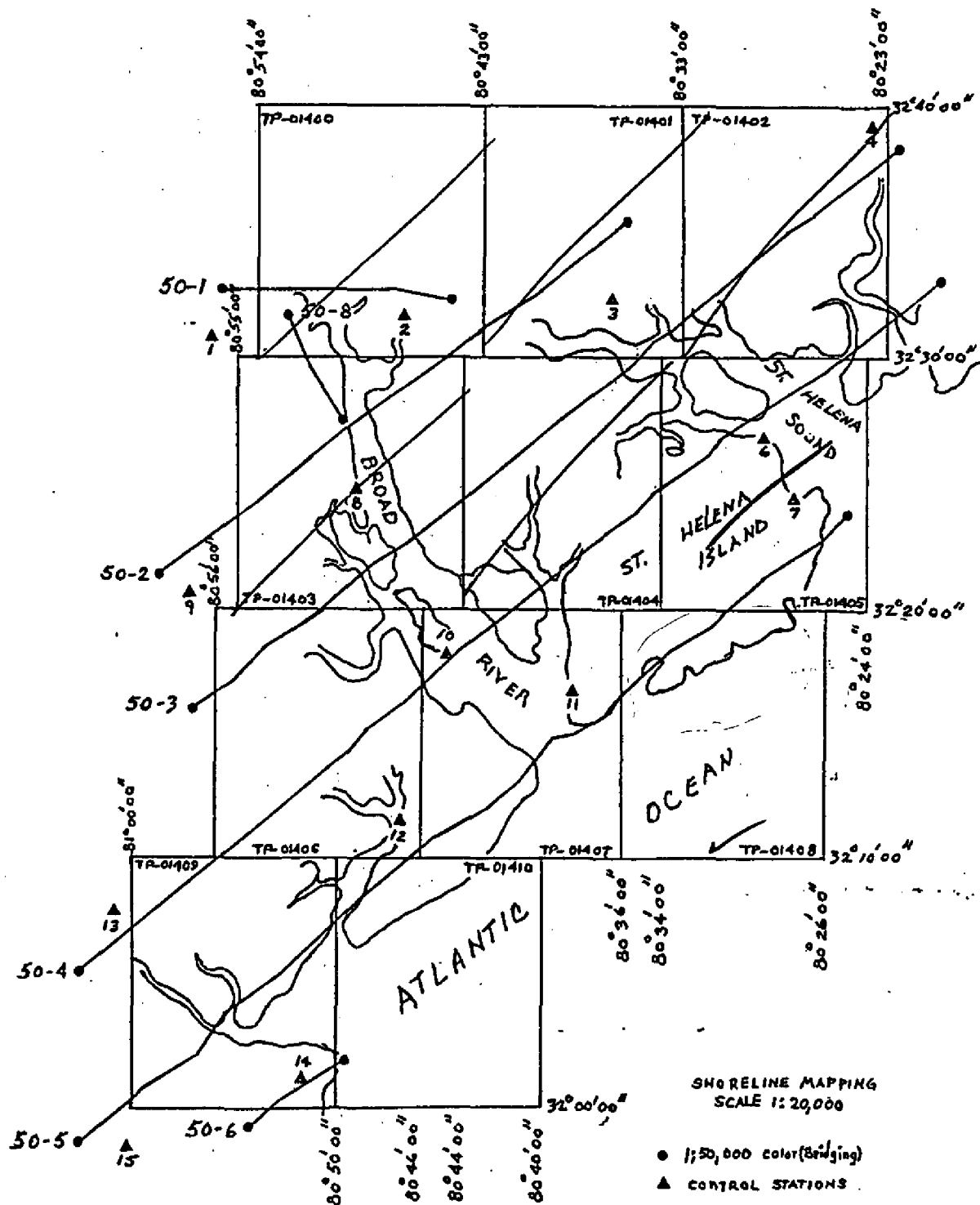
MHW 1:50,000 Black and White Infrared

| | |
|-------------------|------|
| 87Z (R) 0722-0737 | 2.47 |
| 87Z (R) 0769-0775 | 2.48 |
| 87Z (R) 0659-0662 | 2.47 |
| 87Z (R) 0761-0766 | 2.48 |
| 87Z (R) 0749-0756 | 2.47 |
| 87Z (R) 0668-0686 | 2.47 |
| 87Z (R) 0695-0716 | 2.47 |

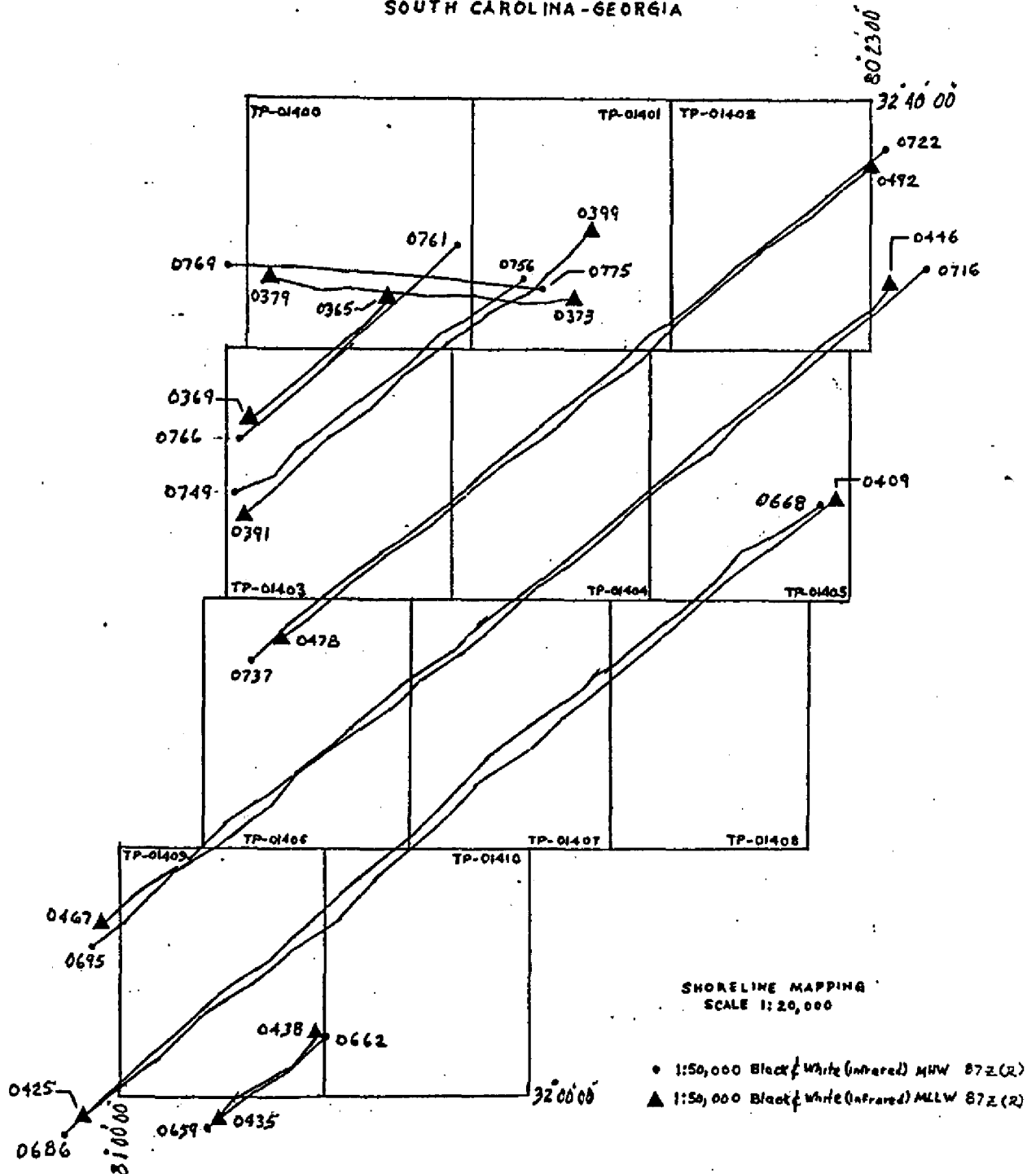
MLLW 1:50,000 Black and White Infrared

| | |
|-------------------|------|
| 87Z (R) 0409-0425 | 2.43 |
| 87Z (R) 0446-0467 | 2.45 |
| 87Z (R) 0478-0492 | 2.43 |
| 87Z (R) 0365-0369 | 2.43 |
| 87Z (R) 0435-0438 | 2.44 |
| 87Z (R) 0373-0379 | 2.39 |
| 87Z (R) 0391-0399 | 2.43 |

JOB CM-8506
ST. HELENA SOUND TO SAVANNAH RIVER
SOUTH CAROLINA-GEORGIA



JOB CM-8506
ST HELENA SOUND TO SAVANNAH RIVER
SOUTH CAROLINA-GEORGIA



COMPILATION REPORT

TP-01408

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 graphic delineation was provided by instrument compilation of coastal detail.

All photographs used to compile this map are listed on NOAA form 76-36B. The photography was adequate.

32. CONTROL:

The horizontal control was adequate. Refer to the Aerotriangulation Report, dated March 1988.

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 by instrument and graphic methods using the 1:50,000 scale bridging/compilation color photographs and the tide coordinated mean high water infrared ratio photographs.

36. OFFSHORE DETAILS:

Offshore detail was compiled by instrument methods using the 1:50,000 scale bridging/compilation color photographs.

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, one charted aid to navigation and none of the charted landmarks could be 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:

Fripps Inlet, South Carolina; dated 1959, photorevised 1979; scale 1:24,000
St. Phillips Island, South Carolina; dated 1956; scale 1:24,000

47. COMPARISON WITH NAUTICAL CHARTS:

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

11480; 27th edition; dated July 5, 1986; scale 1:449,659
11513; 18th edition; dated December 6, 1986; scale 1:80,000
11516; 24th edition; dated September 14, 1985; scale 1:40,000
11517; 12th edition; dated August 24, 1985; scale 1:40,000

TP-01408

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None

ITEMS TO BE CARRIED FORWARD:

None

Submitted by:

Albert L. Grimes III

Albert L. Grimes
Cartographic Technician
August 18, 1988

Approved:

James L. Byrd, Jr.

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

GEOGRAPHIC NAMES

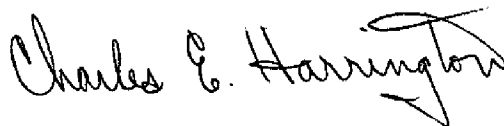
FINAL NAME SHEET

CM-8506 (St. Helena Sound to Savannah River, SC-GA)

TP-01408

Atlantic Ocean
Bull Point
Capers Island
Fripp Inlet
Fripp Island
Moon Creek
Old House Creek
Old Island
Pritchards Inlet
Pritchards Island
Saint Phillips Island
Scott Creek
Sheep Island
Skull Creek
Skull Inlet
Station Creek
Story River
Trenchards Inlet
Turtle Creek

Approved:



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

REVIEW REPORT
SHORELINE

TP-01408

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:

FRIPPS INLET, SOUTH CAROLINA, dated 1958, photorevised
1979, 1:24,000 scale;
ST. PHILLIPS ISLAND, SOUTH CAROLINA, dated 1956
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 nautical charts:

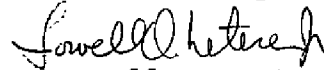
11480, 28th edition, dated June 4, 1988, scale
1:449,659
11513, 18th edition, dated December 6, 1986, scale
1:80,000
11516, 24th edition, dated September 14, 1985, 1:40,000
scale
11517, 12th edition, dated August 24, 1985, 1:40,000
scale.

TP-01400

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

June 1989

Approved for Forwarding:



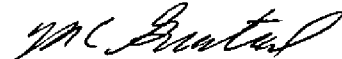
Billy H. Barnes

Chief, Quality Assurance Group, AMC

Approved:

N/A

Chief, Photogrammetric
Production Section



Chief, Photogrammetry Branch

CARTOGRAPHIC FEATURES OF CHARTING INTEREST

Page 1 of 1

PROJECT: CM-8506

MAP NUMBER (Scale); Locality: TP-01408; 1:20,000; St. Helena
Sound, SC to Savannah River

GEODETTIC DATUM: N.A. 1983

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 | | |
| PORT ROYAL SOUND | | | | | |
| CHANNEL RANGE REAR LT | 209 | 32 13 43.80 | 80 35 59.08 | 7 | 2-10-87 |

Listing approved by:

Powell O. Waters

FINAL REVIEWER

June 1989
DATE

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

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]