

TP-01410

TP-01410

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-01410	<i>Edition No.</i> 1
<i>Job No.</i> CM-8506	
<i>Map Classification</i> CLASS III FINAL	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> SOUTH CAROLINA - GEORGIA	
<i>General Locality</i> ST HELENA SOUND TO SAVANNAH RIVER	
<i>Locality</i> HILTON HEAD ISLAND	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">19 87 TO 19</div>	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. <u>01410</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>III Final</u>	
				<input type="checkbox"/> REVISED		JOB <u>CM PH-8605</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit, Atlantic Marine Center, Norfolk, VA				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE C. Dale North, Jr., CDR				TYPE OF SURVEY		JOB PH. _____	
				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation - None				Control - December 12, 1986			
Compilation - July 18, 1988							
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1983 <input checked="" type="checkbox"/> 1983 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		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				L. Harrod		Mar 1988	
METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY				L. Harrod		Mar 1988	
2. CONTROL AND BRIDGE POINTS PLOTTED BY				L. Harrod		Mar 1988	
METHOD: <u>Kongsbert Plotter</u> CHECKED BY				D. Norman		Mar 1988	
3. STEREOSCOPIIC INSTRUMENT PLANIMETRY BY				A. Grimes		Aug 1988	
COMPILATION CHECKED BY				F. Mauldin		Aug 1988	
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY				NA			
SCALE: <u>1:20,000</u> CHECKED BY				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				A. Grimes/F. Mauldin		Sep 1988	
				R. Kravitz		Oct 1988	
METHOD: <u>smooth drafted</u> CONTOURS BY				NA			
SCALE: <u>1:20,000</u> CHECKED BY				NA			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT final review				R. Kravitz		Oct 1988	
6. APPLICATION OF FIELD EDIT DATA BY				NA			
CHECKED BY				NA			
7. COMPILATION SECTION REVIEW <u>Class III</u> BY				R. Kravitz		Oct 1988	
8. FINAL REVIEW <u>Class III</u> BY				L.O. Neterer, Jr.		July 1989	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				L.O. Neterer, Jr.			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				<u>P. Dempsey</u>		<u>Dec. 1989</u>	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				<u>J. Wilson</u>		<u>Jan. 1990</u>	

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 10(B) (B=152.74mm) Wild RC 10(Z) (Z=153.15mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE COORDINATED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern MERIDIAN 75°	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
*87B(C)3847-3850	2-10-87	1325	1:50,000	1.5 ft above MLLW	
**87Z(R)0679-0681	3-03-87	1020	1:50,000	0.3 ft above MHW	
**87Z(R)0417-0421	2-12-87	1500	1:50,000	0.6 ft above MLLW	
mean tide range = 6.9FT					

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-01406, TP-01407	No survey	No survey	TP-01409

REMARKS

TP-01410

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 ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA	
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA	
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	NA NA NA	
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	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 NONE
6. 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

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	Oct 1988	Class III Manuscript		
Final Review	July 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 ⁷⁶⁻⁴⁰~~307~~ 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	

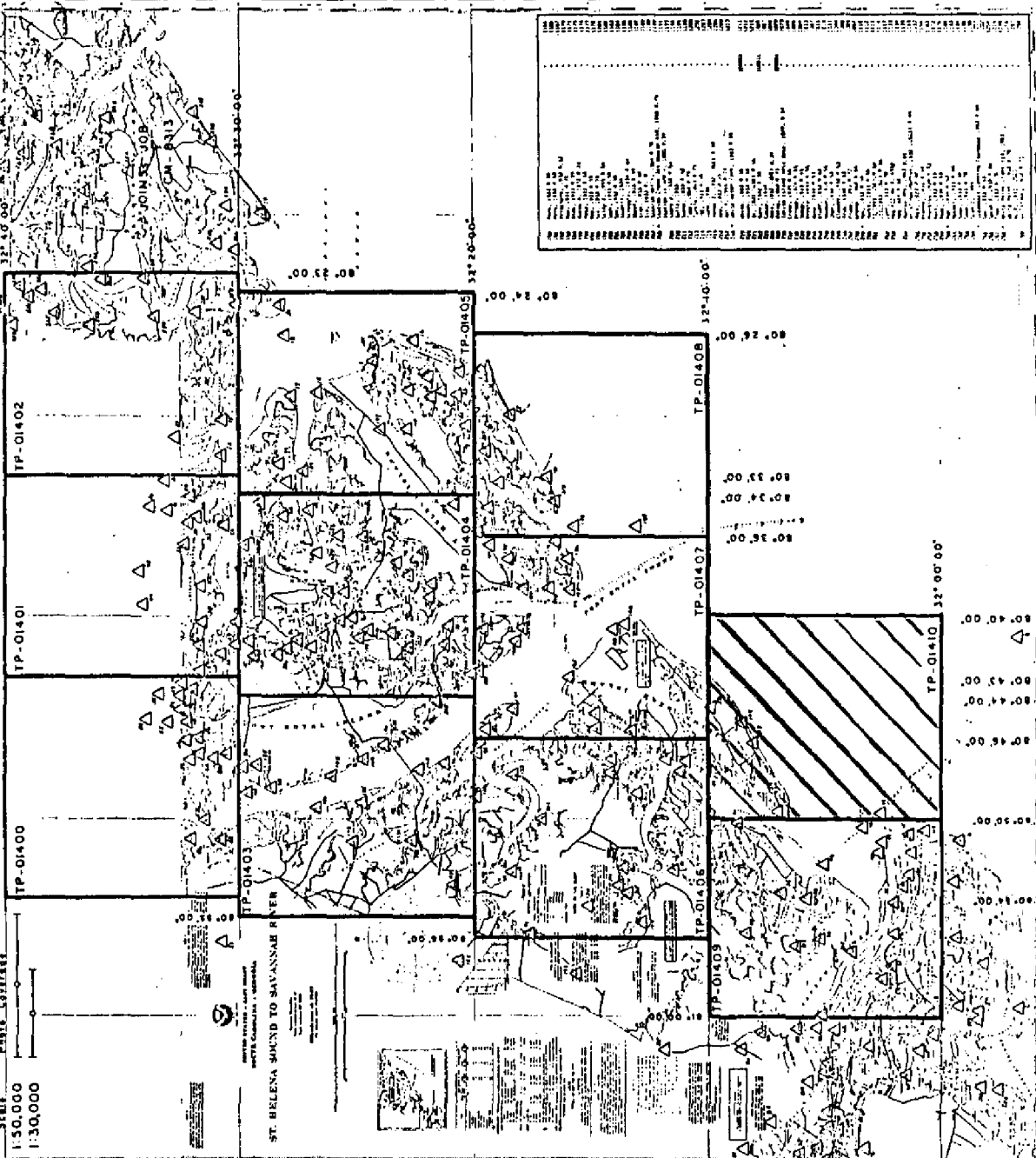
JOB CM-8506
ST. HELENA SOUND TO SAVANNAH RIVER
SOUTH CAROLINA - GEORGIA
SHORELINE MAPPING
SCALE 1:20,000

LEGEND:

- 1:50,000 Color (Bridging)
- 1:50,000 Black & white (Infrared) MHW
- 1:50,000 Black & white (Infrared) MLLW
- 1:50,000 Color (Compassion)

STATE
 1:50,000
 1:30,000

FIELD SKETCHES



TABLE

POINT NO.	ELEVATION	DATE	REMARKS
1	10.25	11/13	...
2	10.30	11/13	...
3	10.35	11/13	...
4	10.40	11/13	...
5	10.45	11/13	...
6	10.50	11/13	...
7	10.55	11/13	...
8	10.60	11/13	...
9	10.65	11/13	...
10	10.70	11/13	...
11	10.75	11/13	...
12	10.80	11/13	...
13	10.85	11/13	...
14	10.90	11/13	...
15	10.95	11/13	...
16	11.00	11/13	...
17	11.05	11/13	...
18	11.10	11/13	...
19	11.15	11/13	...
20	11.20	11/13	...
21	11.25	11/13	...
22	11.30	11/13	...
23	11.35	11/13	...
24	11.40	11/13	...
25	11.45	11/13	...
26	11.50	11/13	...
27	11.55	11/13	...
28	11.60	11/13	...
29	11.65	11/13	...
30	11.70	11/13	...
31	11.75	11/13	...
32	11.80	11/13	...
33	11.85	11/13	...
34	11.90	11/13	...
35	11.95	11/13	...
36	12.00	11/13	...
37	12.05	11/13	...
38	12.10	11/13	...
39	12.15	11/13	...
40	12.20	11/13	...
41	12.25	11/13	...
42	12.30	11/13	...
43	12.35	11/13	...
44	12.40	11/13	...
45	12.45	11/13	...
46	12.50	11/13	...
47	12.55	11/13	...
48	12.60	11/13	...
49	12.65	11/13	...
50	12.70	11/13	...
51	12.75	11/13	...
52	12.80	11/13	...
53	12.85	11/13	...
54	12.90	11/13	...
55	12.95	11/13	...
56	13.00	11/13	...
57	13.05	11/13	...
58	13.10	11/13	...
59	13.15	11/13	...
60	13.20	11/13	...
61	13.25	11/13	...
62	13.30	11/13	...
63	13.35	11/13	...
64	13.40	11/13	...
65	13.45	11/13	...
66	13.50	11/13	...
67	13.55	11/13	...
68	13.60	11/13	...
69	13.65	11/13	...
70	13.70	11/13	...
71	13.75	11/13	...
72	13.80	11/13	...
73	13.85	11/13	...
74	13.90	11/13	...
75	13.95	11/13	...
76	14.00	11/13	...
77	14.05	11/13	...
78	14.10	11/13	...
79	14.15	11/13	...
80	14.20	11/13	...
81	14.25	11/13	...
82	14.30	11/13	...
83	14.35	11/13	...
84	14.40	11/13	...
85	14.45	11/13	...
86	14.50	11/13	...
87	14.55	11/13	...
88	14.60	11/13	...
89	14.65	11/13	...
90	14.70	11/13	...
91	14.75	11/13	...
92	14.80	11/13	...
93	14.85	11/13	...
94	14.90	11/13	...
95	14.95	11/13	...
96	15.00	11/13	...
97	15.05	11/13	...
98	15.10	11/13	...
99	15.15	11/13	...
100	15.20	11/13	...

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01410

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 October 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 July 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.

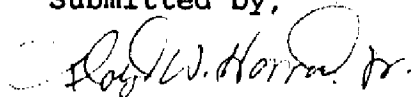
24. SUPPLEMENTAL DATA

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

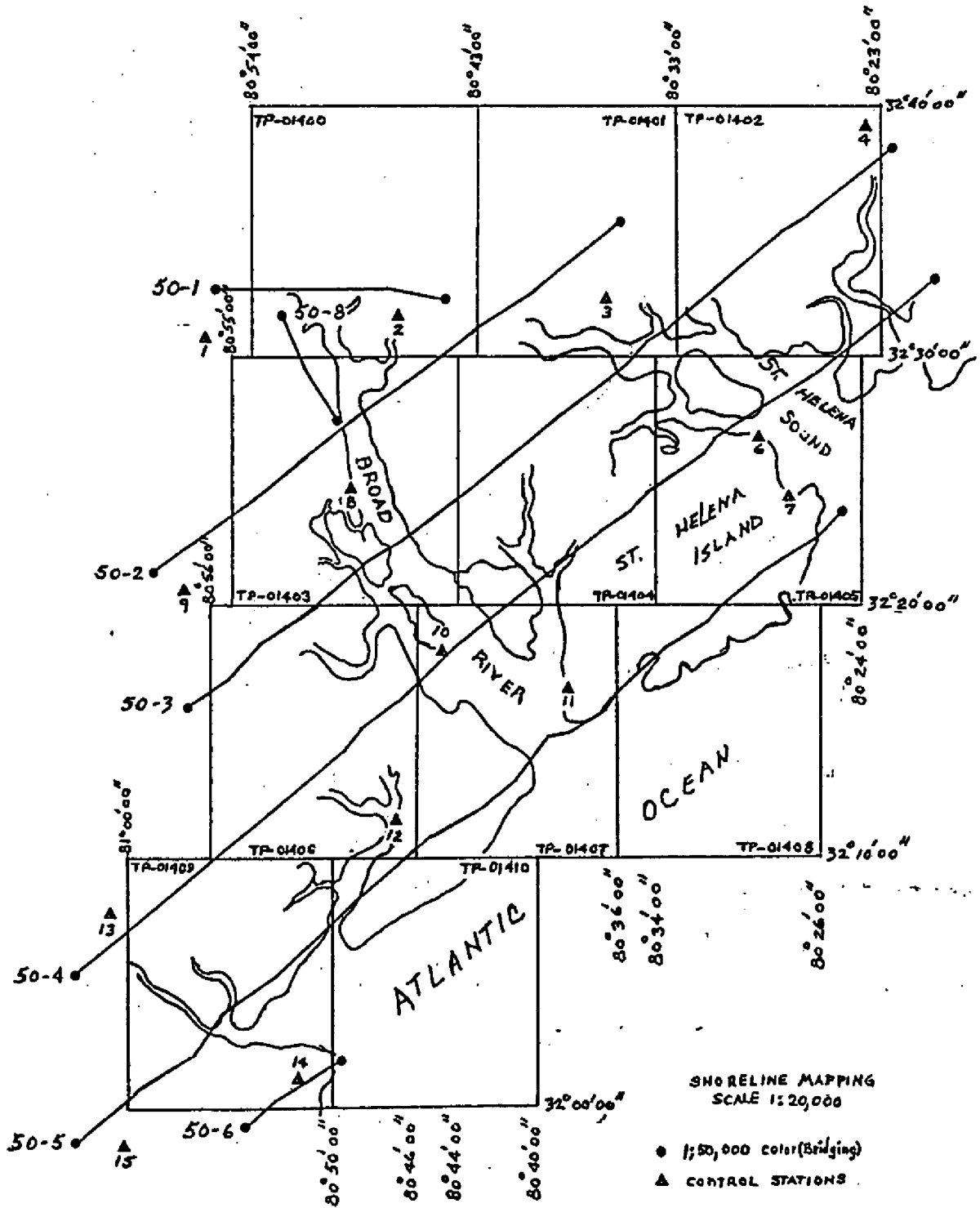
MHW 1:50,000 Black and White Infrared

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

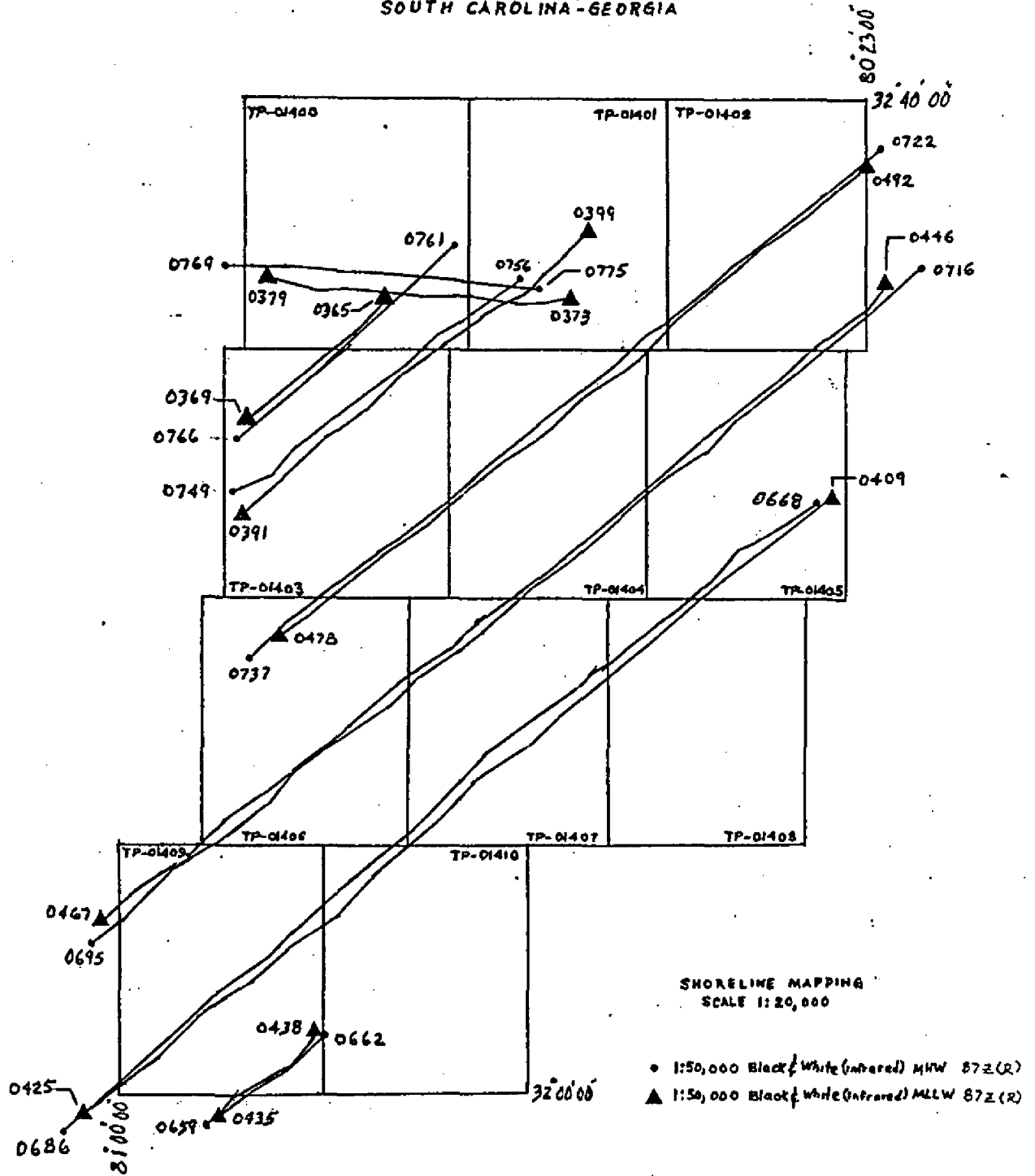
MLLW 1:50,000 Black and White Infrared

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-01410

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.

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, two charted landmarks and three 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:

Tybee Island North, Georgia-South Carolina; dated 1978; scale 1:24,000

Bluffton, South Carolina; dated 1956, photorevised 1971, photo-inspected 1972; scale 1:24,000

Hilton Head, South Carolina; dated 1956, photorevised 1971; scale 1:24,000

TP-01410

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
11507; 22nd edition; dated February 15, 1986; scale 1:40,000
11509; 21st edition; dated January 9, 1988; scale 1:80,000
11512; 49th edition; dated April 2, 1988; scale 1:40,000
11513; 18th edition; dated December 6, 1986; scale 1:80,000
11516; 24th edition; dated September 14, 1985; scale 1:40,000

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

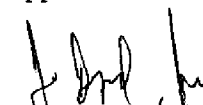
None.

Submitted by:



Fay T. Mauldin
Cartographer
September 13, 1988

Approved:



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

JAN - 9 1989

GEOGRAPHIC NAMES

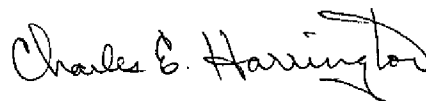
FINAL NAME SHEET

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

TP-01410

Atlantic Ocean
Bass Head
Baynard Cove
Baynard Cove Creek
Beach Pond
Braddock Cove
Braddock Point
Broad Creek
Buck Island
Bull Island
Buoy Path Pond
Calibogue Cay
Calibogue Sound
Daufuskie Island
Forest Beach (locale)
Gutter Creek
Harbour Town
Hilton Head Island
Lawton
Lawton Creek
Point Comfort Creek
Sea Pines Plantation
South Sea Pines

Approved:



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

REVIEW REPORT
SHORELINE

TP-01410

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:

BLUFFTON, SOUTH CAROLINA, dated 1956, photorevised
1971, photoinspected 1972, 1:24,000 scale;
HILTON HEAD, SOUTH CAROLINA, dated 1956, photorevised
1971, 1:24,000 scale;
TYBEE ISLAND NORTH, GEORGIA - SOUTH CAROLINA, dated
1978, 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
11507, 22nd edition, dated February 15, 1986, scale
1:40,000
11509, 21st edition, dated January 9, 1988, scale
1:80,000
11512, 49th edition, dated April 2, 1988, scale
1:40,000
11513, 18th edition, dated December 6, 1986, scale
1:80,000
11516, 24th edition, dated September 14, 1985, scale
1:40,000.

TP-01410

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

July 1989

Approved for Forwarding:

Billy H. Barnes

Billy H. Barnes

Chief, Quality Assurance Group, AMC

Approved:

N/A

Chief, Photogrammetric
Production Section

W.C. Brinton

Chief, Photogrammetry Branch

CARTOGRAPHIC FEATURES OF CHARTING INTEREST

PROJECT: CM-8506 ✓

MAP NUMBER (Scale); Locality: TP-01410; 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).

<u>FEATURE DESCRIPTION</u>	<u>NCD CC</u>	<u>GEOGRAPHIC POSITION -'-'</u>		<u>NCD</u>	<u>DATE OF</u>
		<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>Q.C.</u>	<u>LOCATION</u>
R TR ✓	086 ✓	32 09 09.35 ✓	80 46 08.66 ✓	7 ✓	2-10-87 ✓
TANK ✓	086 ✓	32 08 00.97 ✓	80 48 14.12 ✓	7 ✓	2-10-87 ✓
HARBOUR TOWN LIGHT HT ✓	200 ✓	32 08 19.32 ✓	80 48 45.29 ✓	7 ✓	2-10-87 ✓
TYBEE RANGE FRONT LT ✓	208 ✓	32 00 25.49 ✓	80 48 44.16 ✓	7 ✓	2-10-87 ✓
BLOODY POINT RANGE FRONT LIGHT ✓	208 ✓	32 02 31.40 ✓	80 49 40.02 ✓	7 ✓	2-10-87 ✓
TANK ✓	993 ✓	32 06 37.43 ✓	80 49 18.73 ✓	7	2-10-87

Listing approved by: Lowell A. Hester
FINAL REVIEWER DATE

