

TP-01404

TP-01404

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-01404	<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> BEAUFORT	
19 87 TO 19	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.					
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           TYPE OF SURVEY  <input checked="" type="checkbox"/> ORIGINAL  <input type="checkbox"/> RESURVEY  <input type="checkbox"/> REVISED         </td> <td style="width: 50%;">           SURVEY TP. <u>01404</u>             MAP EDITION NO. <u>(1)</u>             MAP CLASS <u>III Final</u>             JOB <u>XXH-CM-8506</u> </td> </tr> </table>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>01404</u>  MAP EDITION NO. <u>(1)</u>  MAP CLASS <u>III Final</u>  JOB <u>XXH-CM-8506</u>		
TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>01404</u>  MAP EDITION NO. <u>(1)</u>  MAP CLASS <u>III Final</u>  JOB <u>XXH-CM-8506</u>						
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit, Atlantic Marine Center Norfolk, VA  OFFICER-IN-CHARGE  C. Dale North, JR., CDR		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">LAST PRECEDING MAP EDITION</th> </tr> <tr> <td style="width: 50%;">           TYPE OF SURVEY  <input type="checkbox"/> ORIGINAL  <input type="checkbox"/> RESURVEY  <input type="checkbox"/> REVISED         </td> <td style="width: 50%;">           JOB <u>PH</u>            MAP CLASS _____            SURVEY DATES:            19__ TO 19__         </td> </tr> </table>		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 _____ SURVEY DATES: 19__ TO 19__
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 _____ 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: <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) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE <u>NA</u></td> <td style="width: 50%;">ZONE <u>NA</u></td> </tr> <tr> <td>STATE</td> <td>ZONE</td> </tr> </table>	STATE <u>NA</u>	ZONE <u>NA</u>	STATE	ZONE
STATE <u>NA</u>	ZONE <u>NA</u>				
STATE	ZONE				
5. SCALE 1:20,000	STATE <u>NA</u> ZONE <u>NA</u>				

III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY <u>L. Harrod</u>	<u>L. Harrod</u>	<u>March 1988</u>
METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY	<u>L. Harrod</u>	<u>March 1988</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY <u>L. Harrod</u>	<u>L. Harrod</u>	<u>March 1988</u>
METHOD: <u>Kongsburg</u> CHECKED BY <u>D. Norman</u>	<u>D. Norman</u>	<u>March 1988</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY <u>P. Evans</u>	<u>P. Evans</u>	<u>Aug 1988</u>
COMPILATION CHECKED BY <u>F. Mauldin</u>	<u>F. Mauldin</u>	<u>Aug 1988</u>
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY <u>NA</u>	<u>NA</u>	
SCALE: <u>1:20,000</u> CHECKED BY <u>NA</u>	<u>NA</u>	
4. MANUSCRIPT DELINEATION PLANIMETRY BY <u>P. Evans</u>	<u>P. Evans</u>	<u>Sep 1988</u>
CHECKED BY <u>F. Mauldin</u>	<u>F. Mauldin</u>	<u>Oct 1988</u>
METHOD: <u>smooth drafted</u> CONTOURS BY <u>NA</u>	<u>NA</u>	
CHECKED BY <u>NA</u>	<u>NA</u>	
SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY <u>NA</u>	<u>NA</u>	
CHECKED BY <u>NA</u>	<u>NA</u>	
5. OFFICE INSPECTION PRIOR TO <del>FINAL REVIEW</del> <u>Final review</u> BY <u>F. Mauldin</u>	<u>F. Mauldin</u>	<u>Oct 1988</u>
6. APPLICATION OF FIELD EDIT DATA BY <u>NA</u>	<u>NA</u>	
CHECKED BY <u>NA</u>	<u>NA</u>	
7. COMPILATION SECTION REVIEW <u>Class III</u> BY <u>F. Mauldin</u>	<u>F. Mauldin</u>	<u>Oct 1988</u>
8. FINAL REVIEW <u>Class III</u> BY <u>L.O. Neterer, Jr.</u>	<u>L.O. Neterer, Jr.</u>	<u>May 1989</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY <u>L.O. Neterer, Jr.</u>	<u>L.O. Neterer, Jr.</u>	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY <u>P. Dempsey</u>	<u>P. Dempsey</u>	<u>Dec. 1989</u>
11. MAP REGISTERED - COASTAL SURVEY SECTION BY <u>J. Wilson</u>	<u>J. Wilson</u>	<u>Jan. 1990</u>

TP-01404  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC10(B) (B=152.74 mm) Wild RC10(Z) (Z=153.15 mm)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE COORDINATED PHOTOGRAPHY coordinated				ZONE Eastern MERIDIAN 75°	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 87B(C) 3754-3755	2-10-87	1030	1:50,000	4.2 ft above MLLW	
* 87B(C) 3787-3793	2-10-87	1250	1:50,000	0.7 ft above MLLW	
* 87B(C) 3871-3873	2-10-87	1325	1:50,000	1.5 ft above MLLW	
* 87B(C) 3903-3911	2-10-87	1355	1:50,000	0.7 ft above MLLW	
** 87Z(R) 0397	2-12-87	1440	1:50,000	at MLLW	
** 87Z(R) 0481, 0483, 0485	2-13-87	1440	1:50,000	0.6 ft above MLLW	
** 87Z(R) 0453, 0455, 0457	2-13-87	1425	1:50,000	0.6 ft above MLLW	
** 87Z(R) 0730-0732	3-03-87	1055	1:50,000	0.3 ft above MHW	
** 87Z(R) 0705-0709	3-03-87	1035	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 Deck. Mean Tide Range -

## 2. SOURCE OF MEAN HIGH-WATER LINE:

6.9 ft

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 contact 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
TP-01400; TP-01401	TP-01405	TP-01407; TP-01408	TP-01403

REMARKS

TP-01404

## 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 <input type="checkbox"/> SPECIFIC NAMES ONLY BY <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

## 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	May 1989	Class III Final 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
2		Dec. 1989	Landmarks and aids to navigation forms

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	

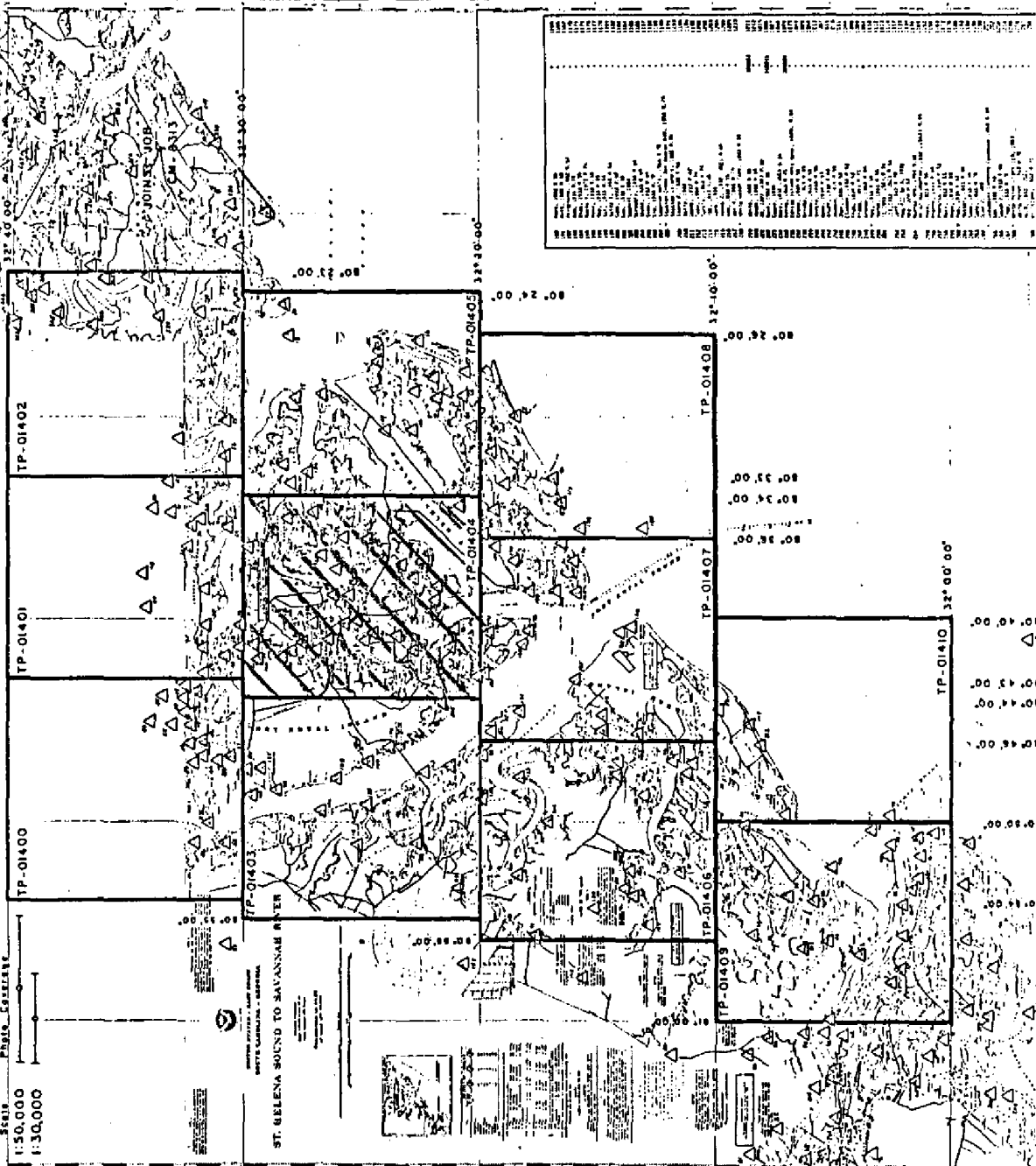
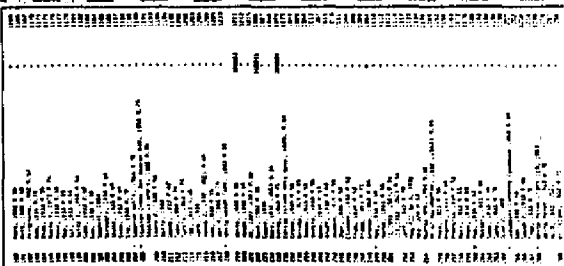
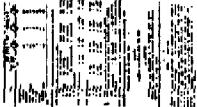
## 000'02:1 37V35

1:50,000 Color (Bridging)  
1:50,000 Black & white (Infrared) MHW  
1:50,000 Black & white (Infrared) MLLW  
1:30,000 Color (Compilation)

1:50,000  
1:30,000



WHEBSTER - KATHLEEN E. ALICE



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-01404

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 May 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

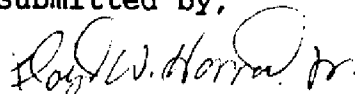
U.S.G.S. topographic quadrangles were used to obtain vertical control for bridging. NOS nautical charts were used to locate fixed aids to navigation and landmarks.



25. PHOTOGRAPHY

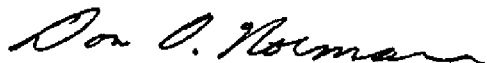
The photography was adequate.

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

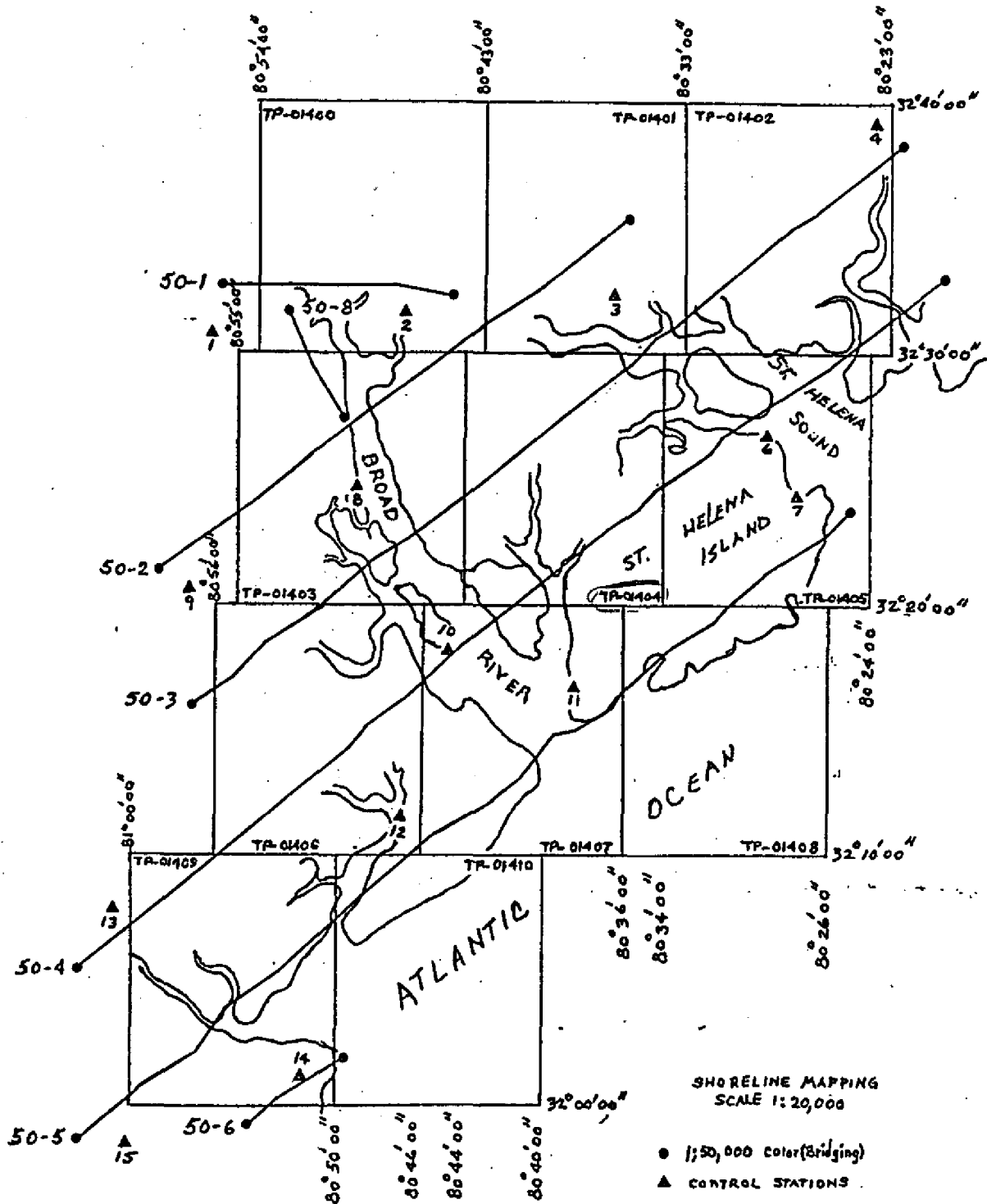
MHW 1:50,000 Black and White Infrared

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

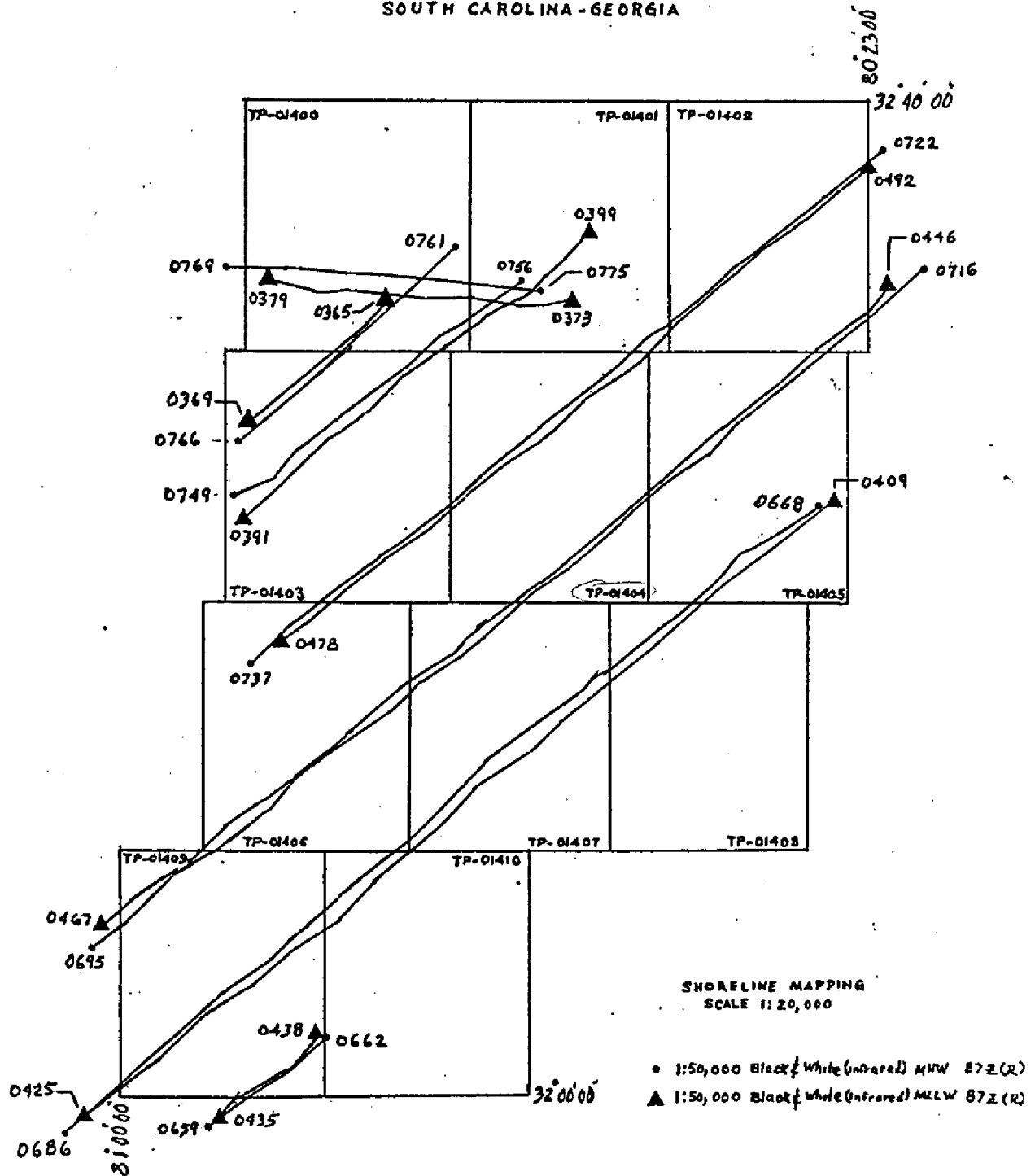
MLLW 1:50,000 Black and White Infrared

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-01404

### 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 contact 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 methods using the 1:50,000 scale color photographs and was complimented by the tide coordinated mean high water infrared contact 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, seven charted landmarks and twenty 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:

St. Phillips Island, South Carolina; dated 1956; scale 1:24,000

Frogmore, South Carolina; dated 1956; scale 1:24,000

Beaufort, South Carolina; dated 1958, photorevised 1979; scale  
1:24,000

Parris Island, South Carolina; dated 1956, photorevised 1979; 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  
11507; 22nd edition; dated February 15, 1986; 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  
11518; 23rd edition; dated June 27, 1987; scale 1:40,000  
11519; 8th edition; dated July 12, 1986; scale 1:40,000

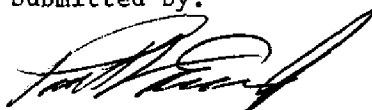
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

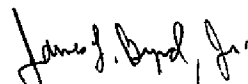
None.

Submitted by:



Paul L. Evans, Jr.  
September 30, 1988

Approved:



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

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

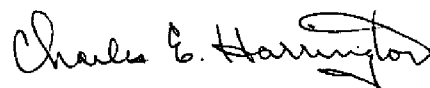
CM-8506 (St. Helena Sound to Savannah River, SC-GA)

TP-01404

Albergottie Creek  
Archers Creek  
Ballast Creek  
Battery Creek  
Beaufort  
Beaufort River  
Boatswain Pond Creek  
Brickyard Creek  
Broad River  
Broomfield Creek  
Burkmeyer Beach (locale)  
Burton  
Buzzard Island  
Cane Island  
Capers Island  
Cat Island  
Cat Island Creek  
Coosaw Island  
Cowen Creek  
Datha Island  
Deer Island  
Distant Island  
Distant Island Creek  
Factory Creek  
Fig Island  
Frogmore  
Garnet Point  
Gibbs Island  
Goat Island  
Horse Island  
Jenkins Creek  
Jericho Island  
Judge Island

Ladies Island  
Laurel Hill Point  
Little Buzzard Island  
Long Point  
Lucy Point Creek  
Mink Point (1)  
Mink Point (2)  
Morgan River  
Mulligan Creek  
Oak Island  
Parris Island (locale)  
Parris Island  
Pigeon Point  
Pigeon Point Creek  
Pleasant Point  
Plowman Point  
Polawana Island  
Port Royal  
Port Royal Island  
Port Royal (RR)  
Rabbit Island  
Ribbon Creek  
Rock Springs Creek  
Saint Helena Island  
Salt Creek  
Sams Point  
Scout Island  
Spanish Point  
Sparrow West Creek  
Warsaw Flats  
Warsaw Island  
Whitehall Point  
Wilkins

Approved:



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

REVIEW REPORT  
SHORELINE

TP-01404

61. GENERAL STATEMENT

See Summary included with this Descriptive Report.

No enlargement prints were supplied of the infrared mean high water photographs.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with the following USGS quadrangles:

BEAUFORT, SOUTH CAROLINA, dated 1958, photorevised  
1979, 1:24,000 scale,  
FROGMORE, SOUTH CAROLINA, dated 1956, 1:24,000 scale,  
PARRIS ISLAND, SOUTH CAROLINA, dated 1956, 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  
11507, 23rd edition, dated January 7, 1989, 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  
11518, 24th edition, dated October 29, 1988, scale  
1:40,000  
11519, 8th edition, dated July 12, 1986, scale 1:40,000

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:

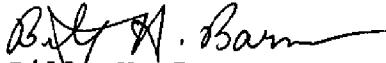


Lowell O. Neterer, Jr.

Final Reviewer

May 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 2

PROJECT: CM-8506

MAP NUMBER (Scale); Locality: TP-01404; 1:20,000; St. Helena Sound, SC to Savannah River

GEODETTIC DATUM: N.A. 1983

CHARTS AFFECTED: 11480, 11507, 11513, 11516, 11518, 11519

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		
<u>BEAUFORT RIVER</u> ✓					
RANGE A REAR LIGHT ✓	209 ✓	32 20 24.51 ✓	80 38 52.39 ✓	7 ✓	2-10-87 ✓
RANGE C FRONT LIGHT ✓	208 ✓	32 20 07.59 ✓	80 39 20.64 ✓	7 ✓	2-10-87 ✓
RANGE B FRONT LIGHT ✓	208 ✓	32 20 59.37 ✓	80 39 49.79 ✓	7 ✓	2-10-87 ✓
* RANGE B REAR LIGHT ✓	209 ✓	32 21 36.68 ✓	80 40 03.90 ✓	7 ✓	2-10-87 ✓
LIGHT 242 ✓	200 ✓	32 24 26.78 ✓	80 40 30.72 ✓	7 ✓	2-10-87 ✓
LIGHT 241 ✓	200 ✓	32 25 04.96 ✓	80 41 00.65 ✓	7 ✓	2-10-87 ✓
LIGHT 240 ✓	200 ✓	32 25 38.30 ✓	80 41 05.74 ✓	7 ✓	2-10-87 ✓
LIGHT 235 ✓	200 ✓	32 26 02.33 ✓	80 39 31.35 ✓	7 ✓	2-10-87 ✓
LIGHT 231 ✓	200 ✓	32 27 13.47 ✓	80 39 57.92 ✓	7 ✓	2-10-87 ✓
DAYBEACON 229 ✓	767 ✓	32 27 15.16 ✓	80 40 52.26 ✓	7 ✓	2-10-87 ✓
LIGHT 228 ✓	200 ✓	32 27 08.70 ✓	80 40 58.30 ✓	7 ✓	2-10-87 ✓
<u>BATTERY CREEK</u> ✓					
* RANGE REAR LIGHT ✓	209 ✓	32 21 36.68 ✓	80 40 03.90 ✓		
RANGE FRONT LIGHT ✓	208 ✓	32 21 45.12 ✓	80 40 24.05 ✓	7 ✓	2-10-87 ✓
LIGHT 43 ✓	200 ✓	32 21 58.46 ✓	80 41 05.27 ✓	7 ✓	2-10-87 ✓
<u>PORT ROYAL TURNING</u>					
BASIN DAYBEACON 47	767 ✓	32 22 22.14 ✓	80 41 48.00 ✓	7 ✓	2-10-87 ✓



### 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]