

TP-01232

TP-01232

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-01232

Edition No.

1

Job No.

CM-8303

Map Classification

CLASS III FINAL

Type of Survey

SHORELINE

LOCALITY

State

SOUTH CAROLINA

General Locality

LITTLE RIVER INLET TO BULLS BAY

Locality

LITTLE RIVER NECK

1984 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		<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. 01232 MAP EDITION NO. (1) MAP CLASS III Final JOB CM-8303 </td> </tr> </table>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. 01232 MAP EDITION NO. (1) MAP CLASS III Final JOB CM-8303		
TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. 01232 MAP EDITION NO. (1) MAP CLASS III Final JOB CM-8303						
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit, Atlantic Marine Center Norfolk, VA		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"> LAST PRECEDING MAP EDITION </td> </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 PH. _____ 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 PH. _____ 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 PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__						
OFFICER-IN-CHARGE C. Dale North, Jr., CDR							

I. INSTRUCTIONS DATED	
1. OFFICE	2. FIELD
Aerotriangulation - None Compilation - November 8, 1988	Control - November 22, 1983

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 Lambert Conformal Conic Projection	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"> 4. GRID(S) </td> </tr> <tr> <td style="width:50%;"> STATE South Carolina </td> <td style="width:50%;"> ZONE South </td> </tr> <tr> <td> STATE </td> <td> ZONE </td> </tr> </table>			4. GRID(S)		STATE South Carolina	ZONE South	STATE	ZONE
4. GRID(S)									
STATE South Carolina	ZONE South								
STATE	ZONE								
5. SCALE 1:20,000									

III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS	NAME	DATE	
1. AEROTRIANGULATION BY <u>B. Thornton</u> METHOD: Analytic LANDMARKS AND AIDS BY <u>B. Thornton</u>		Oct 1987	
2. CONTROL AND BRIDGE POINTS PLOTTED BY <u>B. Thornton</u> METHOD: Kongsberg Plotter CHECKED BY <u>D. Norman</u>		Oct-1987	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY <u>R. Kravitz</u> COMPILATION CHECKED BY <u>F. Mauldin</u> INSTRUMENT: Wild B-8 SCALE: 1:20,000		Dec 1988	
4. MANUSCRIPT DELINEATION PLANIMETRY BY <u>R. Kravitz</u> CHECKED BY <u>F. Mauldin</u> METHOD: smooth drafted SCALE: 1:20,000		Dec 1988	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY <u>F. Mauldin</u>		Jan 1989	
6. APPLICATION OF FIELD EDIT DATA BY <u>NA</u>		Jan 1989	
7. COMPILATION SECTION REVIEW Class III BY <u>F. Mauldin</u>		Jan 1989	
8. FINAL REVIEW Class III BY <u>L.O. Neterer, Jr.</u>		July 1989	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY <u>L.O. Neterer, Jr.</u>		Dec. 1989	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY <u>P. Dampsey</u>		Jan. 1990	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY <u>P. Dampsey</u>		Jan. 1990	

TP-01232

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 Eastern	<input type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE COORDINATED PHOTOGRAPHY COORDINATED				MERIDIAN 75°	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
*84Z(P)0892-0897	2-15-84	1039	1:40,000	0.5 ft above MLLW	
**84Z(R)1275-1278	2-18-84	1325	1:40,000	0.1 ft above MLLW	
**84B(R)9158-9161	3-23-84	1508	1:40,000	0.2 ft below MHW	
Mean Tide Range=5.1 FT					

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 stations at Bucksport and Springmaid Pier (Myrtle Beach).

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 MHW 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
No survey	No survey	No survey	TP-01231

REMARKS

TP-01232

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD ~~INSPECTION~~ OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	P. Walbolt	April 1984
2. HORIZONTAL CONTROL	RECOVERED BY J. Koster	Feb 1984
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY J. Koster	Feb 1984
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 <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

paneled

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
84Z(P)0897 84Z(P)1090	LITTLE RIVER, 1932		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 form 76-53 2 forms 76-19
1 form 76-86
2 forms 76-135

TP-01232
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Jan 1989	Class III Manuscript		
Final Review	Jul 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
2		Dec. 1989	Cartographic Features of Charting Interest

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	

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01232

This 1:20,000 scale map is one of fifteen maps in project CM-8303, which extends from Little River Inlet to Bulls Bay, South Carolina. The project extends from latitude 32° 59' 00" north to latitude 33° 56' 00" and longitude 78° 30' 00" west to longitude 79° 40' 00".

Field work prior to compilation was accomplished during January and February 1984. It consisted of premarking horizontal control stations to satisfy aerotriangulation requirements.

Photographic coverage was provided in February 1984 using panchromatic film with the "Z" camera (focal length 153.15 millimeters). Black and white infrared photography was acquired in February and March 1984 using the "Z" camera and "B" camera (focal length 152.74 millimeters).

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

Compilation was performed at the Atlantic Marine Center in January 1989 by office interpretation of the panchromatic and the black and white 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 to the Washington Science Center for registration.

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-8303
LITTLE RIVER INLET TO BULLS BAY, SOUTH CAROLINA

OCTOBER 1987

21. AREA COVERED

This shoreline mapping project covers the area from Little River Inlet down to Bulls Bay, South Carolina. There are ten sheets at 1:20,000 scale and five sheets at 1:10,000 scale. The sheets are numbered consecutively TP-01231 to TP-01245.

22. METHOD

This project, which consists of five strips of 1:40,000-scale panchromatic photographs: 84Z(P) 889 to 908, 84Z(P) 1421 to 1451, 84Z(P) 1387 to 1405, 84Z(P) 1051 to 1067, 84Z(P) 1192 to 1201, was bridged by analytical aerotriangulation methods and adjusted to ground as a block with the General Intergrated Analytical Triangulation Program (GIANT), using premarked paneled control. Office identified intersection stations were used as checks.

Two strips of 1:30,000-scale photographs: 84Z(P) 1216 to 1224, 84Z(P) 1229 to 1240, were pugged with compilation points for use in compiling the 1:10,000-scale sheets in the project.

Tie points were used to ensure adequate junctions of all strips and were used as supplemental control.

Ratio values were determined for the bridging photographs and the tide-coordinated black-and-white infrared photographs. A copy of the ratio values is included in this report.

Base manuscripts were plotted on the Kongsberg plotter in the South Carolina State Plane Coordinate System (South Zone). This is based on the Lambert conformal conic projection. The datum is NAD 27. Two each of the fifteen base manuscripts have been ruled as per Aerotriangulation Instructions.

23. ADEQUACY OF CONTROL

The control for this project is adequate. A listing of closures to control is attached. The project meets NOS requirements for horizontal accuracy.

24. SUPPLEMENTAL DATA

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

25. PHOTOGRAPHY

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

Submitted by,

Brian Thornton

Brian Thornton

Approved and Forwarded:

Don O. Norman

Don O. Norman
Chief, Aerotriangulation Unit

FIT TO CONTROL
ALL POINTS HELD IN ADJUSTMENT

<u>Station Name</u>	<u>Point No.</u>	<u>Values in Feet</u>	
		<u>X</u>	<u>Y</u>
Sauce Rm4,1934 Sub Pt.A	889101	+0.1	-0.4
Fire,1934 Sub Pt.A	897101	+0.1	0
Myrtle Beach Radio Sta.WYMB Mast,1962	903100	-0.2	+0.7
Enterprise, 1934 Sub Pt.A	908101	+0.2	-0.8
Planter,1932 Sub Pt.A	OFF PHOTOGRAPHY		
H3-SC-79 Sub Pt.	440101	-0.6	+0.3
Inlet,1934 Sub Pt.A	63101	+0.5	-0.2
Wood,(USE) 1934 Sub Pt.A	434101	+0.2	+0.1
Wedge, 1934 Sub Pt. A	430101	+0.5	-0.2
McClellan Rm.5, 1965 Sub Pt.A	427101	-0.3	+0.4
Mitchell 2, 1976 Sub Pt.A	421101	-0.1	+0.2
Little River, 1932 Sub Pt.A	895101	-0.1	+0.1
Reive, 1934 Sub Pt.A	391101	0	+0.1
Campfield 2,1965 Sub Pt.A	394101	0	-0.1
Georgetown, 1932 Rm.1 Sub Pt.A	398101	-0.2	+0.2
Dyke, 1934 Sub Pt.A	192101	+0.3	-0.3
Crow, 1933 Sub Pt.A	196101	-0.8	+0.3
Devil, 1934	201100	+0.4	-0.4
Little River, 1932 Sub Pt.B	895102	-0.2	+0.4

RATIO VALUES

1:40,000-scale bridging photographs:

84Z(P) 889 to 908	Ratio 2.047
1387 to 1405	Ratio 2.027
1421 to 1451	Ratio 2.019
1051 to 1067	Ratio 2.048
1192 to 1201	Ratio 2.049

1:40,000-scale non bridging photographs:

84Z(P) 1175 to 1185	Ratio 2.046
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1:30,000-scale MHW infrared photographs:

84B(R) 9166 to 9183	Ratio 3.000
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1:40,000-scale MHW infrared photographs:

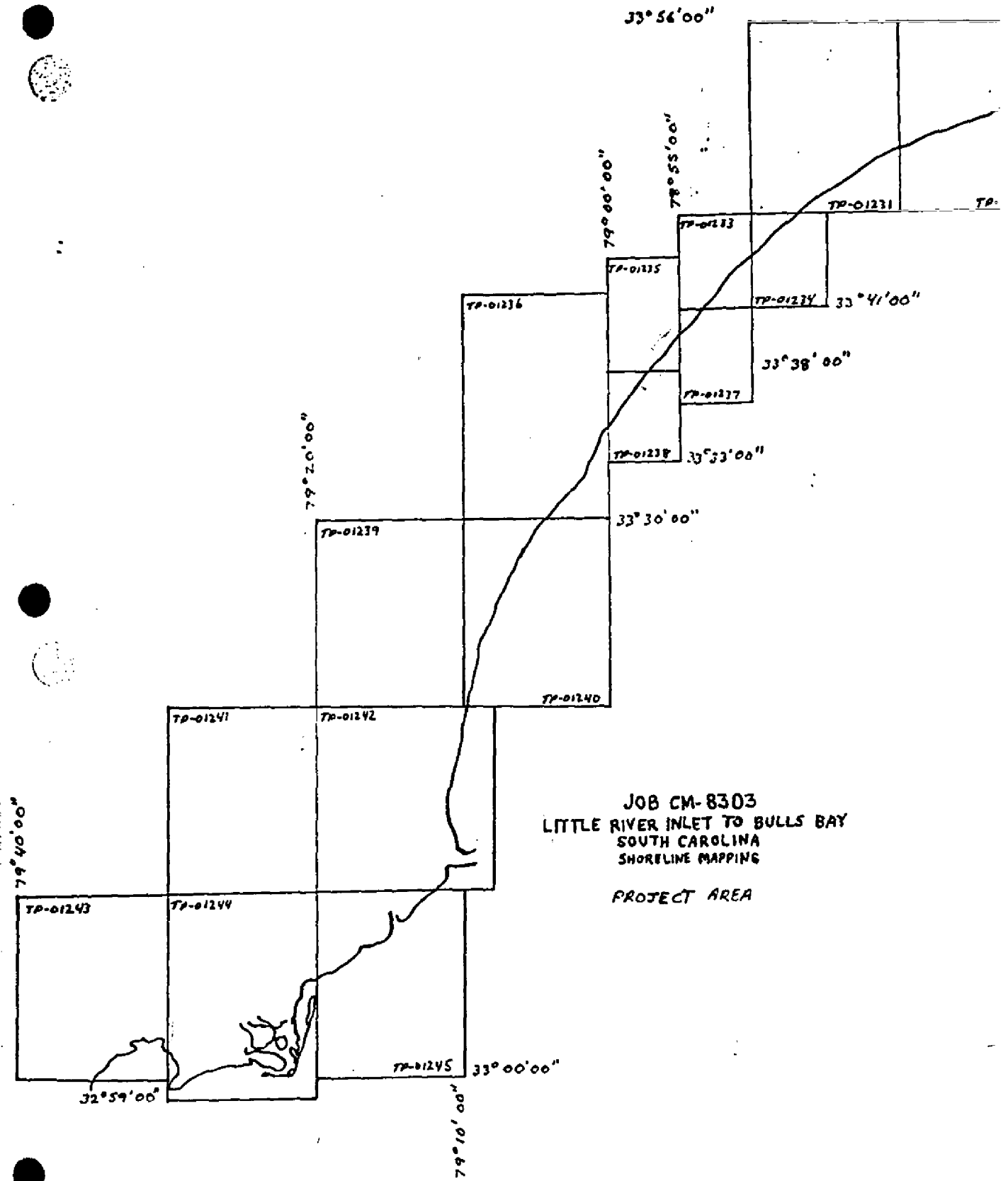
84B(R) 9145 to 9164	Ratio 1.976
84B(R) 9145 to 9155 (1:10,000)	Ratio 3.952
84B(R) 9048 to 9084	Ratio 1.990
84Z(R) 1651 to 1666	Ratio 2.024
84Z(R) 1668 to 1674	Ratio 2.022
84B(R) 9096 to 9106	Ratio 1.972
84B(R) 9199 to 9210	Ratio 2.005
84B(R) 9185 to 9197	Ratio 2.004
FRAME 84B(R) 9195	Ratio 2.580

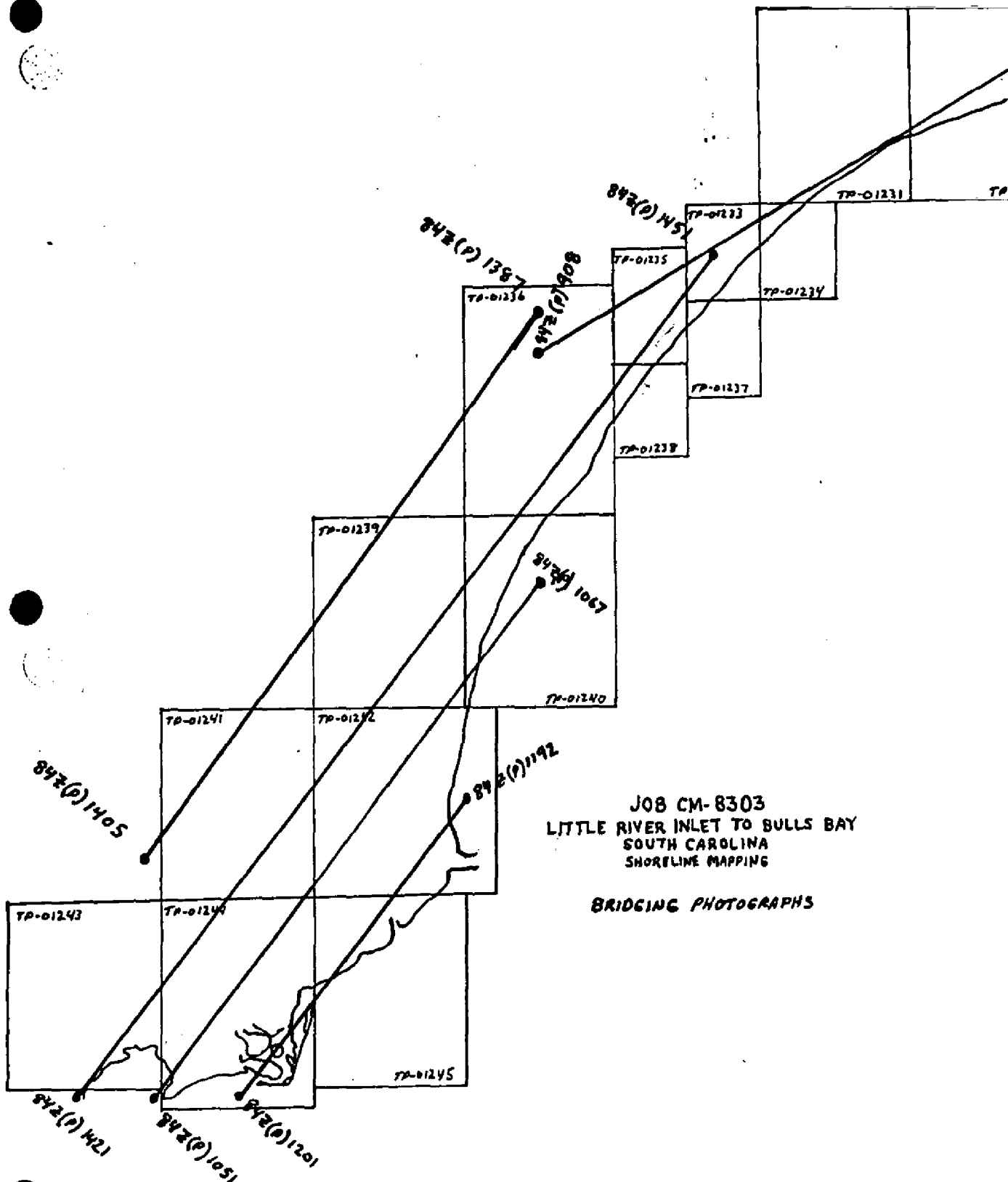
1:30,000-scale MLLW infrared photographs:

84Z(R) 1587 to 1603	Ratio 2.966
---------------------	-------------

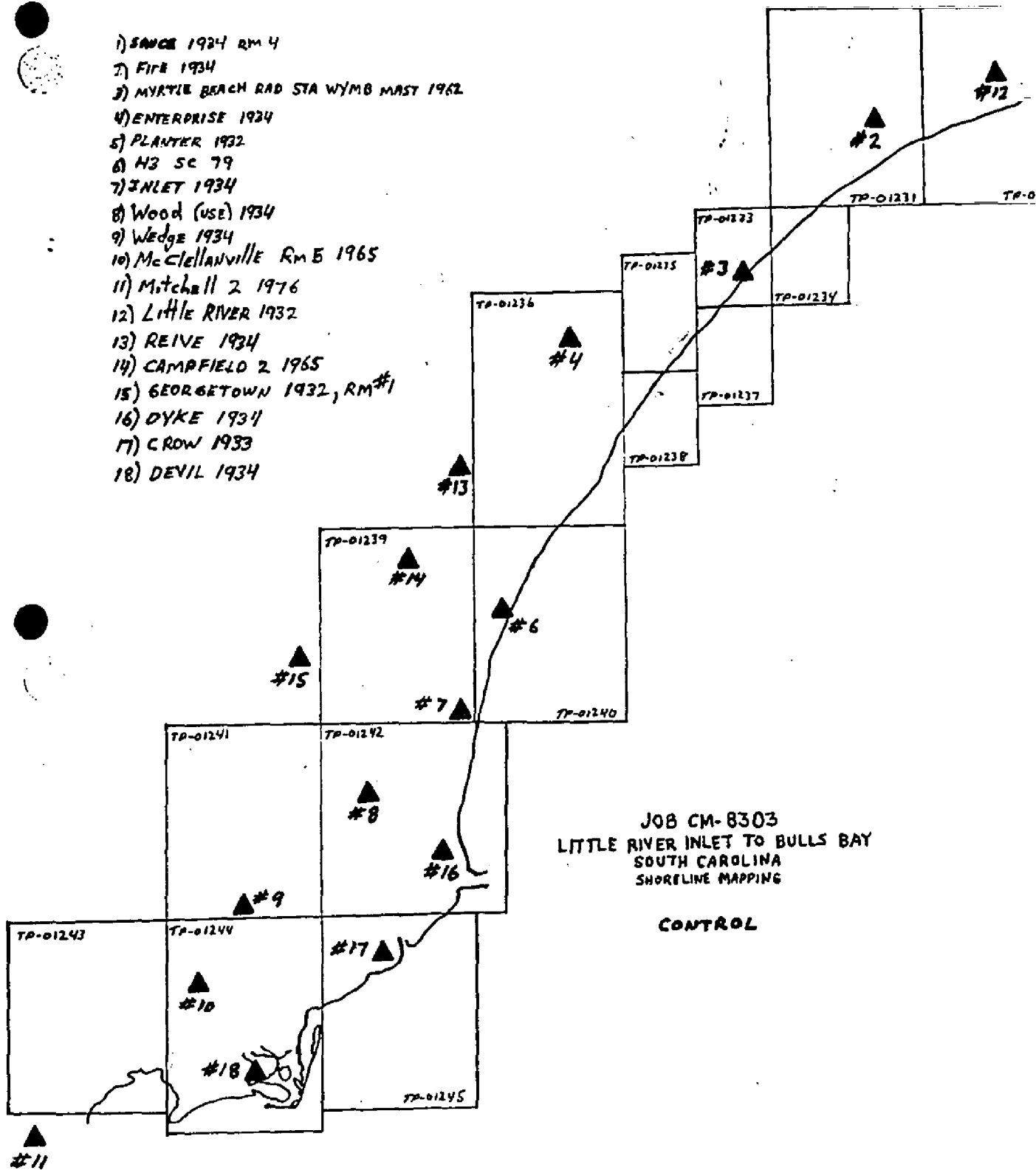
1:40,000-scale MLLW infrared photographs:

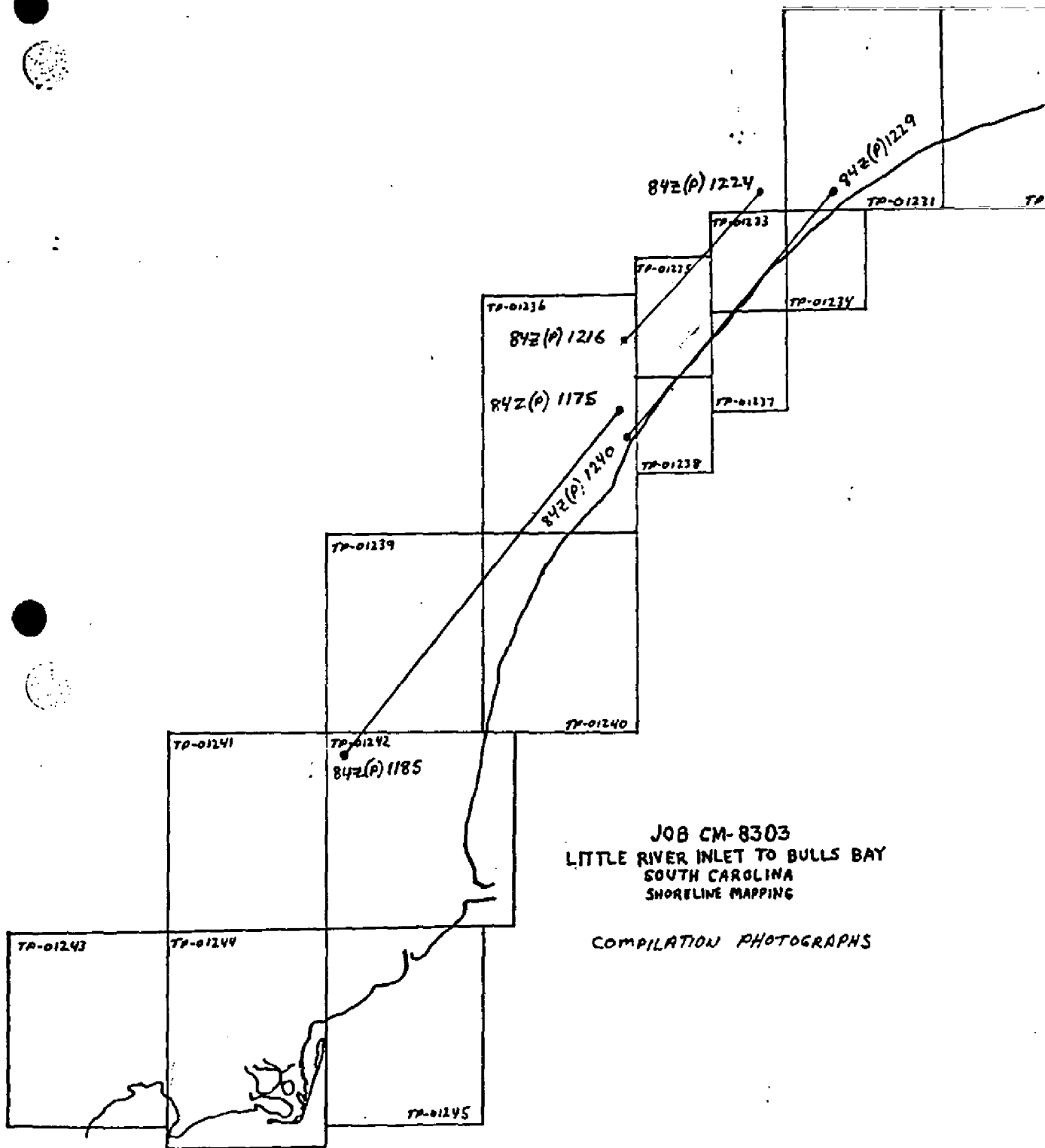
84Z(R) 1262 to 1282	Ratio 2.031
1262 to 1273 (1:10,000)	4.062
84Z(R) 1284 to 1302	Ratio 2.038
84B(R) 9086 to 9094	Ratio 2.049
84Z(R) 1638 to 1649	Ratio 2.009
84Z(R) 1304 to 1322	Ratio 2.040
84Z(R) 1605 to 1617	Ratio 2.010
84Z(R) 1324 to 1341	Ratio 2.042





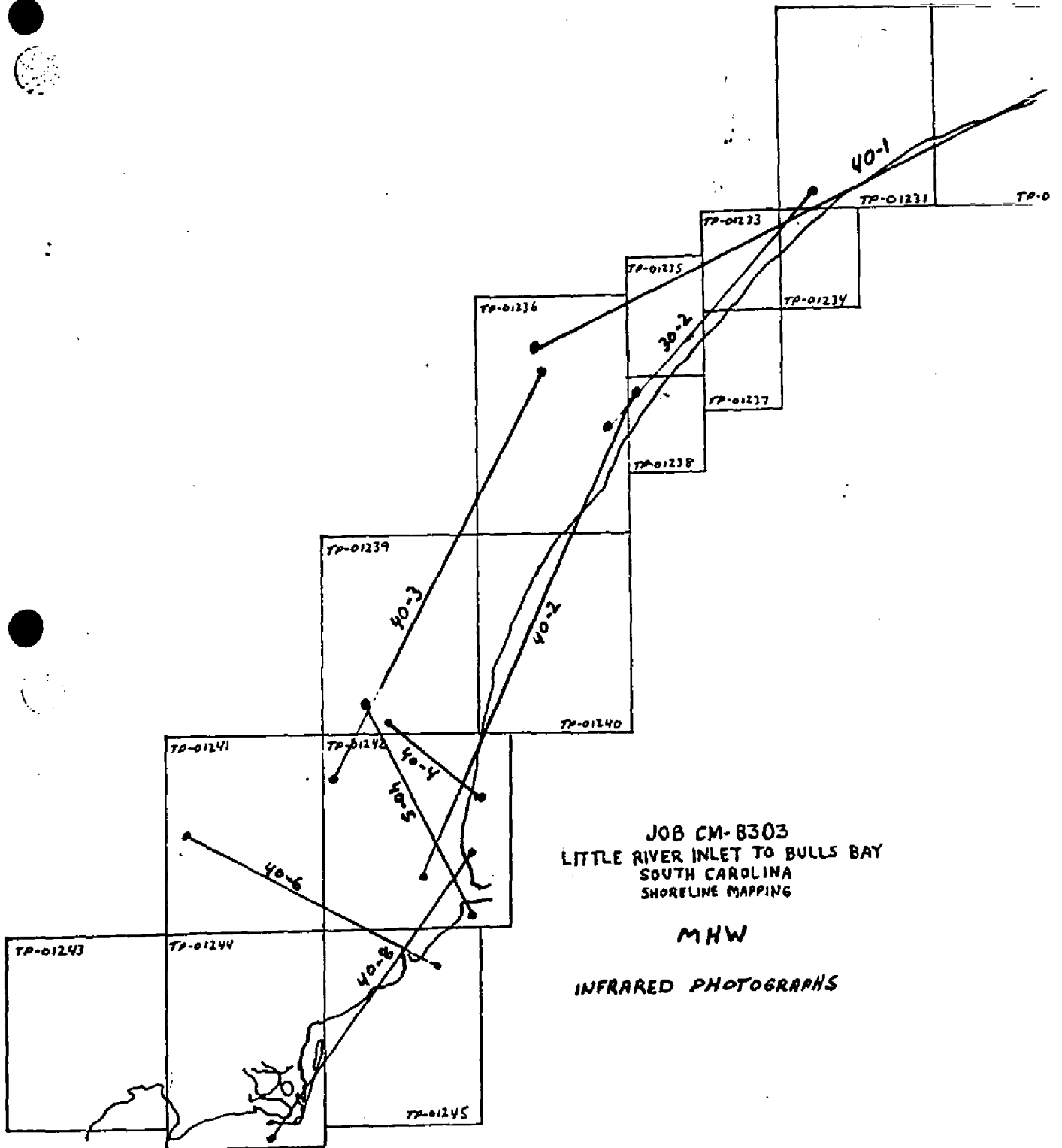
- 1) SAUCE 1934 RM 4
- 2) FIRE 1934
- 3) MYRTLE BEACH RAD STA WYMB MAST 1962
- 4) ENTERPRISE 1934
- 5) PLANTER 1932
- 6) H3 SC 79
- 7) INLET 1934
- 8) Wood (USE) 1934
- 9) Wedge 1934
- 10) McClellanville RM B 1965
- 11) Mitchell 2 1976
- 12) Little RIVER 1932
- 13) REIVE 1934
- 14) CAMPFIELD 2 1965
- 15) GEORGETOWN 1932, RM #1
- 16) DYKE 1934
- 17) CROW 1933
- 18) DEVIL 1934

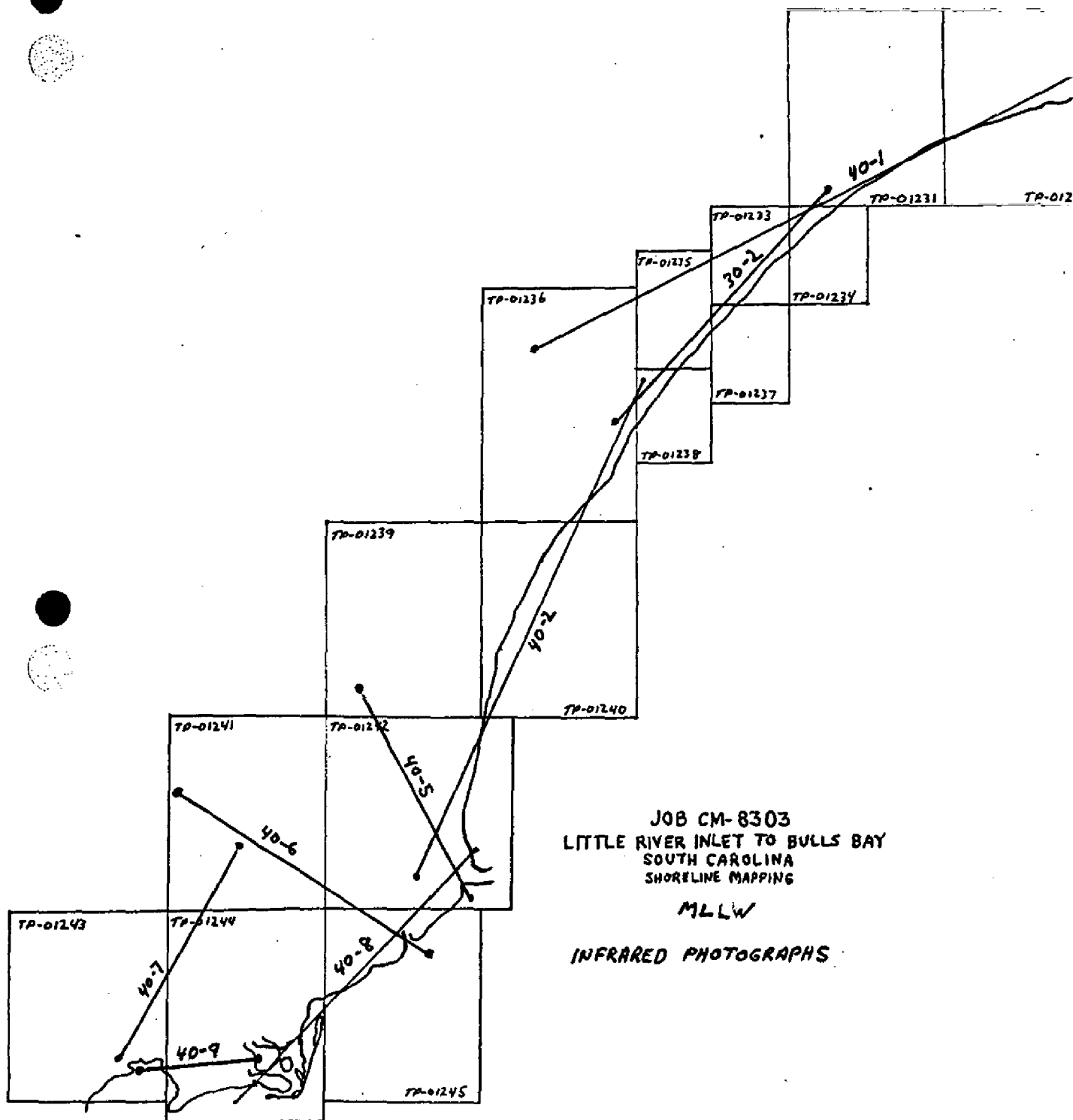




JOB CM-8303
LITTLE RIVER INLET TO BULLS BAY
SOUTH CAROLINA
SHORELINE MAPPING

COMPILATION PHOTOGRAPHS





COMPILATION REPORT

TP-01232

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 1:40,000 scale bridging/compilation panchromatic 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 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 October 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 1:40,000 scale bridging/compilation panchromatic photographs and was complimented by the tide coordinated mean high water infrared contact photographs. There were no mean high water infrared ratio photographs available for this map.

36. OFFSHORE DETAILS:

Offshore detail was compiled by instrument methods using the 1:40,000 scale bridging/compilation panchromatic 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 thirteen charted aids to navigation were located/verified photogrammetrically.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

Refer to the Data Record Form 76-36B, item 5, of the Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY:

See item #32.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with the following U.S. Geological Survey Quadrangles:

Calabash, North Carolina-South Carolina; dated 1947; scale 1:24,000
Little River, South Carolina-North Carolina; dated 1947; scale
1:24,000
Wampee, South Carolina; dated 1947; scale 1:24,000
Longs, South Carolina-North Carolina; dated 1947; scale 1:24,000

47. COMPARISON WITH NAUTICAL CHARTS:

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

11009; 31st edition; dated August 9, 1986; scale 1:1,200,000
11520; 29th edition; dated February 8, 1986; scale 1:432,720
11534; 23rd edition; dated January 9, 1988; scale 1:40,000
11535; 10th edition; dated April 9, 1988; scale 1:80,000

TP-01232

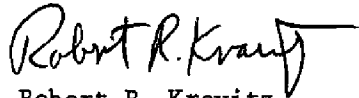
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

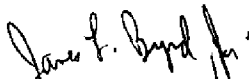
None.

Submitted by:



Robert R. Kravitz
Cartographic Technician
December 20, 1988

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

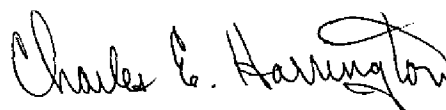
CM-8303 (Little River Inlet to Bulls Bay, SC) .

TP-01232

Atlantic Ocean
Battery Island, The
Bird Island
Blane Creek
Boneparte Creek
Bull Creek
Cedar Creek
Cherry Grove Beach (locale)
Clayton Creek
Corkins Neck
Dead Backwater
Dunn Sound
Dunn Sound Creek
East River
East River Island
Eden Saltworks Creek
Fox Creek
Futch Beach

Goat Island
Hog Inlet
Hog Island
Horse Ford Creek
House Creek
Intracoastal Waterway
Little River
Little River (locale)
Little River Inlet
Little River Neck
Long Bay
Mad Inlet
Milliken Cove
Mink Island
Salt Boiler Creek
Sunset Beach (locale)
Waties Island
Williams Creek

Approved:



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

REVIEW REPORT
SHORELINE

TP-01232

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:

CALABASH, NORTH CAROLINA-SOUTH CAROLINA, dated 1947
LITTLE RIVER, SOUTH CAROLINA-NORTH CAROLINA, dated
1947

LONGS, SOUTH CAROLINA-NORTH CAROLINA, dated 1947
WAMPEE, SOUTH CAROLINA, dated 1927

All four are scale 1:24,000

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 National Ocean Service charts:

11009, 31st edition, dated August 9, 1986, scale
1:1,200,000

11520, 30th edition, dated November 19, 1988, scale
1:432,720

11534, 23rd edition dated January 9, 1988, scale
1:40,000

11535, 10th edition, dated April 9, 1988, scale
1:80,000

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.

Lowell O. Neterer, Jr.

Final Reviewer

July 1989

Approved for Forwarding:

Billy H. Barnes

Billy H. Barnes

Chief, Quality Assurance Group

Approved:

N/A

~~Chief, Photogrammetric Sect.~~

Robert M. Roddy

for Chief, Photogrammetry Br.

CARTOGRAPHIC FEATURES OF CHARTING INTEREST

Page 1 of 2

PROJECT: CM-8303

MAP NUMBER (Scale); Locality: TP-01232; (1:20,000) Little River Inlet
to Bulls Bay

GEODETTIC DATUM: N.A. 1927

CHART AFFECTED: 11009, 11520, 11534, 11535

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		
TANK ✓	993 ✓	33 51 55.600 ✓	78 39 37.836 ✓	4 ✓	2-15-84
TANK ✓	086 ✓	33 49 57.867 ✓	78 38 16.437 ✓	4 ✓	2-15-84 ✓
TANK ✓	086 ✓	33 53 04.800 ✓	78 30 43.800 ✓	7	2-15-84
TANK ✓	993 ✓	33 50 22.60 ✓	78 36 31.900 ✓	7	2-15-84
TANK ✓	993 ✓	33 52 31.700 ✓	78 37 11.700 ✓	7 ✓	2-15-84 ✓
TANK ✓	993 ✓	33 53 35.192 ✓	78 34 02.030 ✓	4 ✓	2-15-84 ✓
TANK ✓	993 ✓	33 53 48.393 ✓	78 34 58.067 ✓	4 ✓	2-15-87 ✓
LITTLE RIVER-WINYAH BAY					
LIGHT 20 ✓	200 ✓	33 51 22.321 ✓	78 39 00.383 ✓	4 ✓	2-15-84 ✓
LIGHT 17 ✓	200 ✓	33 51 43.481 ✓	78 37 21.359 ✓	4 ✓	2-15-84
LIGHT 9 ✓	200 ✓	33 52 10.954 ✓	78 36 30.263 ✓	4 ✓	2-15-84 ✓
LIGHT 7 ✓	200 ✓	33 52 23.787 ✓	78 35 20.650 ✓	4 ✓	2-15-84 ✓
LIGHT 4 ✓	200 ✓	33 52 28.347 ✓	78 34 38.484 ✓	4 ✓	2-15-84 ✓
CALABASH CREEK					
LIGHT 4 ✓	200 ✓	33 52 33.196 ✓	78 34 21.173 ✓	4 ✓	2-15-84 ✓
LIGHT 10 ✓	200 ✓	33 53 05.843 ✓	78 33 58.591 ✓	4 ✓	2-15-84 ✓

FEATURE DESCRIPTION	NCD	GEOGRAPHIC POSITION - " - "		NCD	DATE OF
	CC	LATITUDE	LONGITUDE	Q.C.	LOCATION
CA FEAR RIVER-LITTLE RIVER					
LIGHT 119	200	33 52 05.293	78 34 19.451	4	2-15-87
LIGHT 117	200	33 51 50.605	78 34 05.237	4	2-15-87
LIGHT 116	200	33 51 54.500	78 33 45.137	4	2-15-87
LIGHT 111	200	33 52 32.823	78 32 24.261	4	2-15-87
LIGHT 108	200	33 52 41.272	78 31 31.706	4	2-15-87
LITTLE RIVER INLET					
NORTH JETTY LIGHT 2	200	33 50 33.279	78 32 40.685	4	2-15-87

Listing approved by: Paul C. Inters August 1989
 FINAL REVIEWER 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]