

TP-01242

TP-01242

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-01242	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 WINYAH BAY	
1984 TO 19	
REGISTERED IN ARCHIVES	
DATE	

TP-01242

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC10(B) (B=152.74mm) Wild RC10(Z) (Z=153.15mm)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE ZONE Eastern MERIDIAN 75°		<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE COORDINATED PHOTOGRAPHY A coordinated						
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE		
*84Z(P)1058-1064 ~	02-15-84 ~	1444 ~	1:40,000 ~	1.3 ft above MLLW ~		
*84Z(P)1192-1195 ~	02-18-84 ~	1035 ~	1:40,000 ~	4.2 ft above MLLW ~		
*84Z(P)1434-1435 ~	02-24-84 ~	1049 ~	1:40,000 ~	2.1 ft above MLLW ~		
**84B(R)9077 ~	03-21-84 ~	1149 ~	1:40,000 ~	0.6 ft below MHW ~		
**84B(R)9100-9104 ~	03-23-84 ~	0806 ~	1:40,000 ~	0.6 ft below MHW ~		
**84B(R)9205-9207 ~	03-31-84 ~	0820 ~	1:40,000 ~	0.5 ft above MHW ~		
**84B(R)9185-9188 ~	03-31-84 ~	0755 ~	1:40,000 ~	0.3 ft above MHW ~		
**84Z(R)1606-1608 ~	03-01-84 ~	1238 ~	1:40,000 ~	0.3 ft below MLLW ~		
**84Z(R)1646 ~	03-01-84 ~	1509 ~	1:40,000 ~	0.4 ft above MLLW ~		
**84B(R)9089,9091 ~	03-23-84 ~	943 ~	1:40,000 ~	0.5 ft above MLLW ~		
**84Z(R)1299 ~	02-18-84 ~	1349 ~	1:40,000 ~	0.3 ft below MLLW ~		

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 Myrtle Beach, South Island, South Santee Bridge and Georgetown

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 contact photographs were used to assist in the interpretation of the mean high water line.

3. SOURCE OF MEAN LOW-WATER LINE 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-01240, TP-01239	No survey	TP-01245	TP-01241

REMARKS

TP-01242

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD WORK OPERATION☐ FIELD EDIT OPERATION

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

paneled

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
84Z(P)1434	WOOD (USE), 1934		
84Z(P)1118			
84Z(P)1192	DYKE, 1934		
84Z(P)1116			

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)

2 forms 76-53 1 form 76-86

2 forms 75-63

2 forms 76-19

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Feb 1989	Class III Manuscript		
Final Review	Oct 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-01242

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 February 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 September 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:

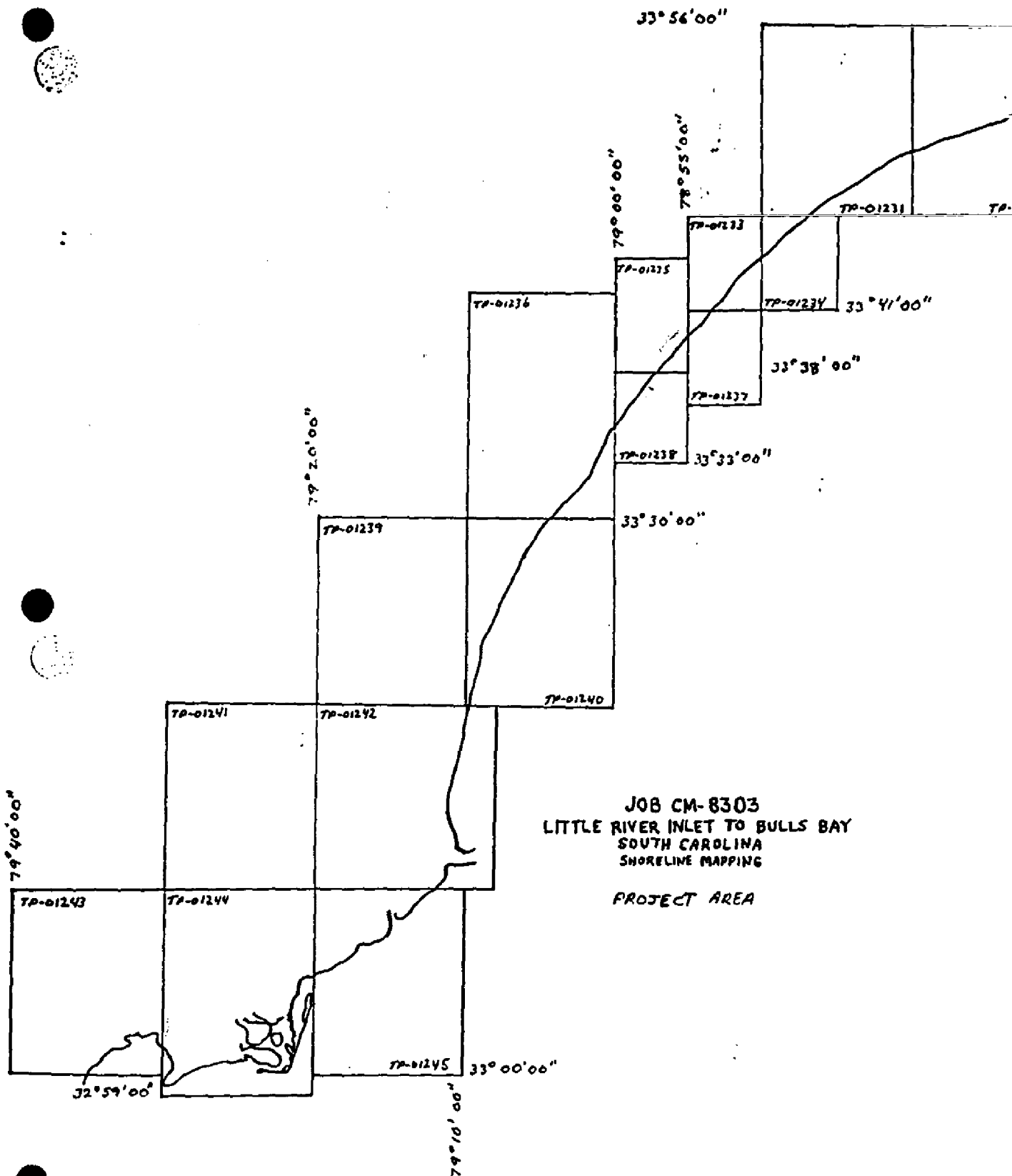
84B(R) 9145 to 9164	Ratio 1.976
84B(R) 9145 to 9155 (1:10,000)	Ratio 3.952
84B(R) 9048 to 9084	Ratio 1.990
84Z(R) 1651 to 1666	Ratio 2.024
84Z(R) 1668 to 1674	Ratio 2.022
84B(R) 9096 to 9106	Ratio 1.972
84B(R) 9199 to 9210	Ratio 2.005
84B(R) 9185 to 9197	Ratio 2.004
FRAME 84B(R) 9195	Ratio 2.580

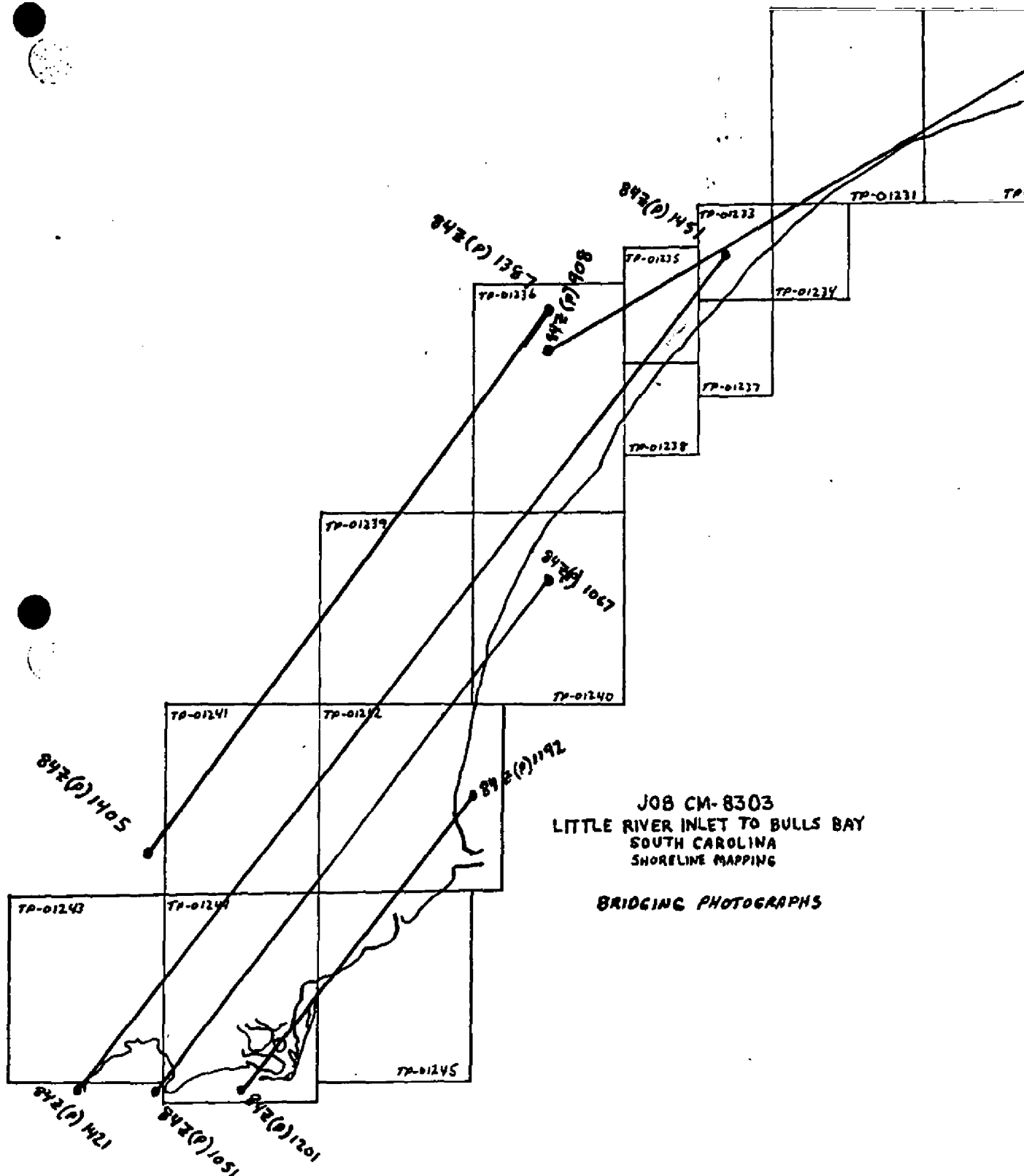
1:30,000-scale MLLW infrared photographs:

84Z(R) 1587 to 1603	Ratio 2.966
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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

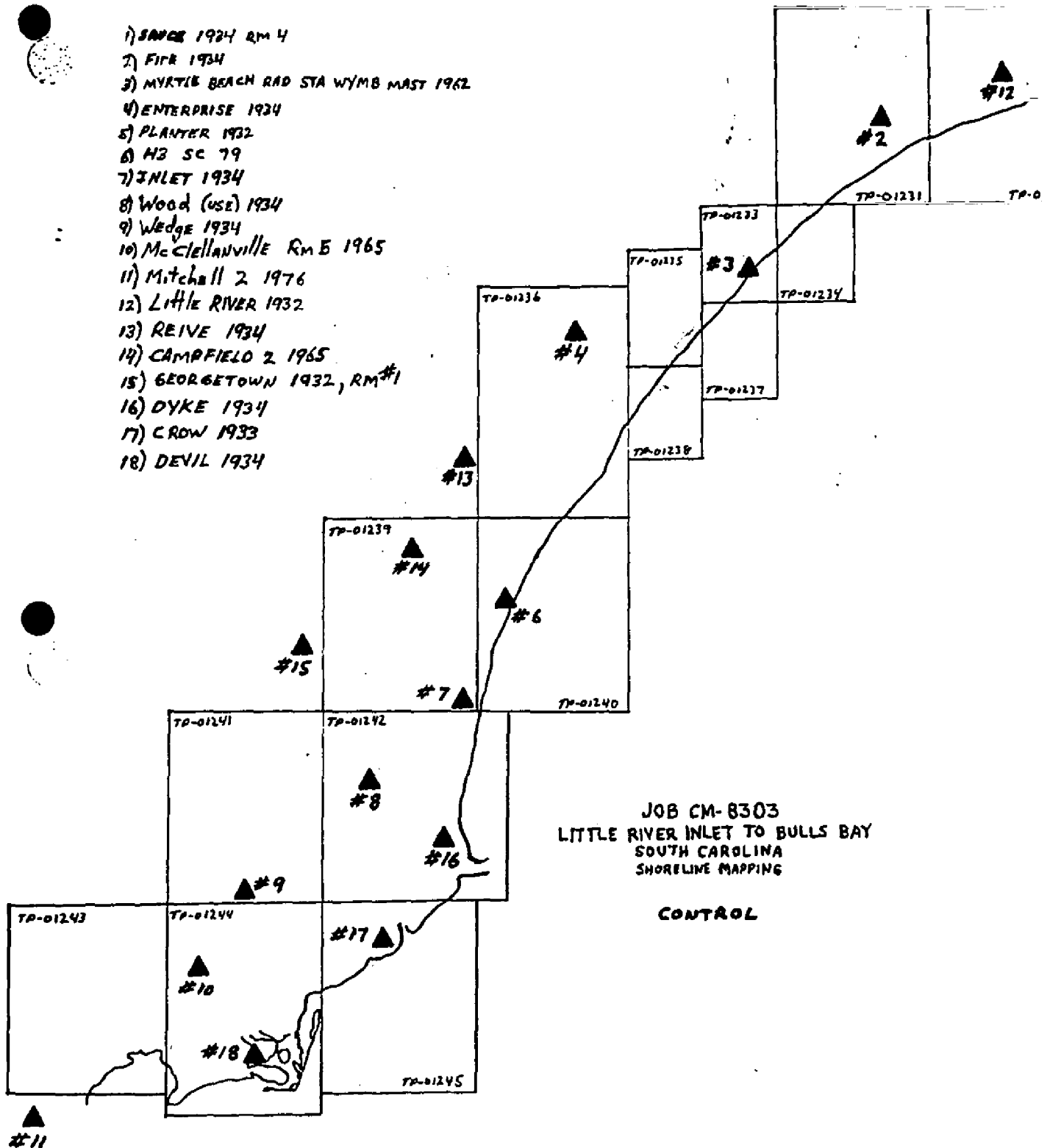


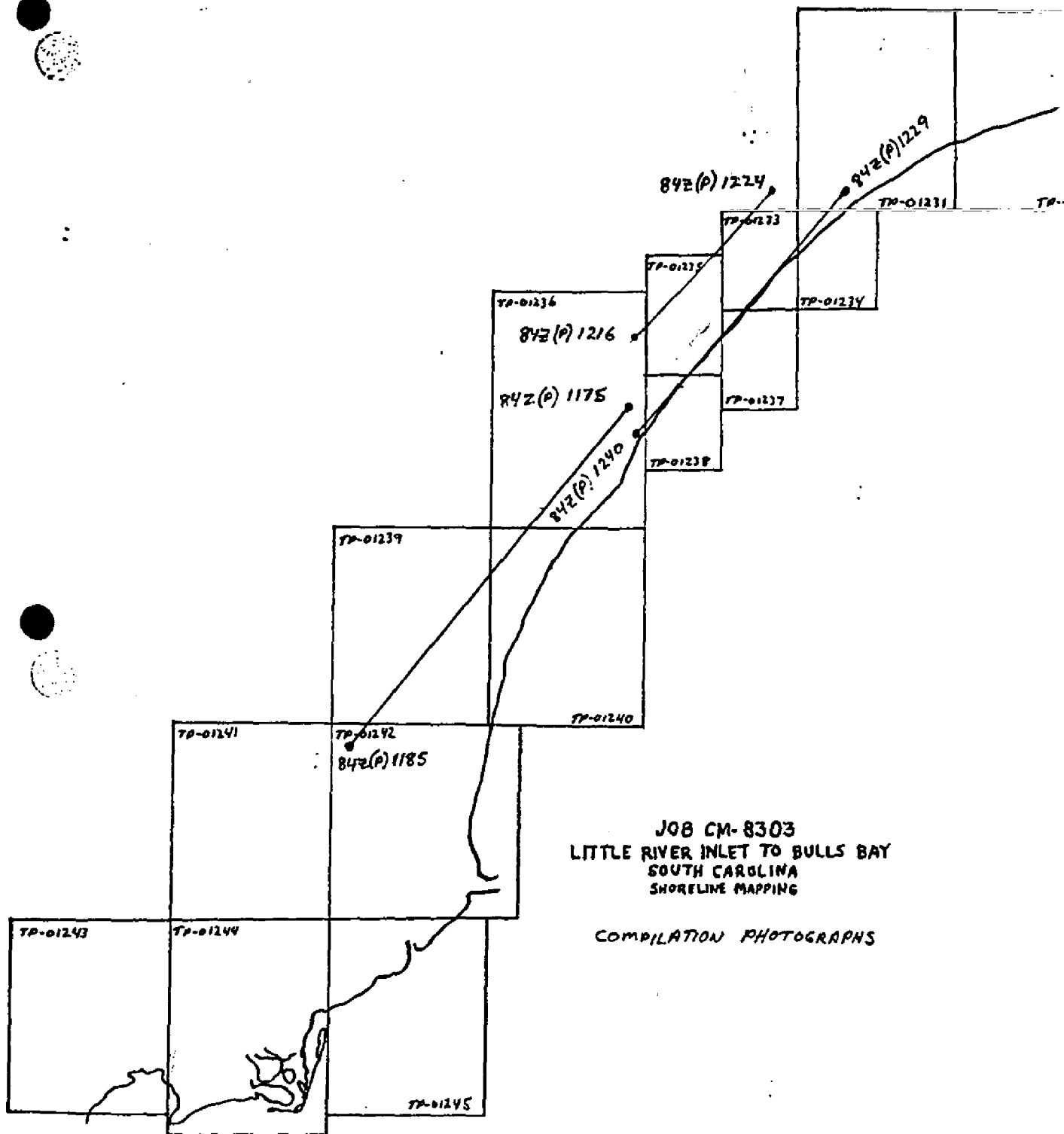


JOB CM-8303
LITTLE RIVER INLET TO BULLS BAY
SOUTH CAROLINA
SHORELINE MAPPING

BRIDGING PHOTOGRAPHS

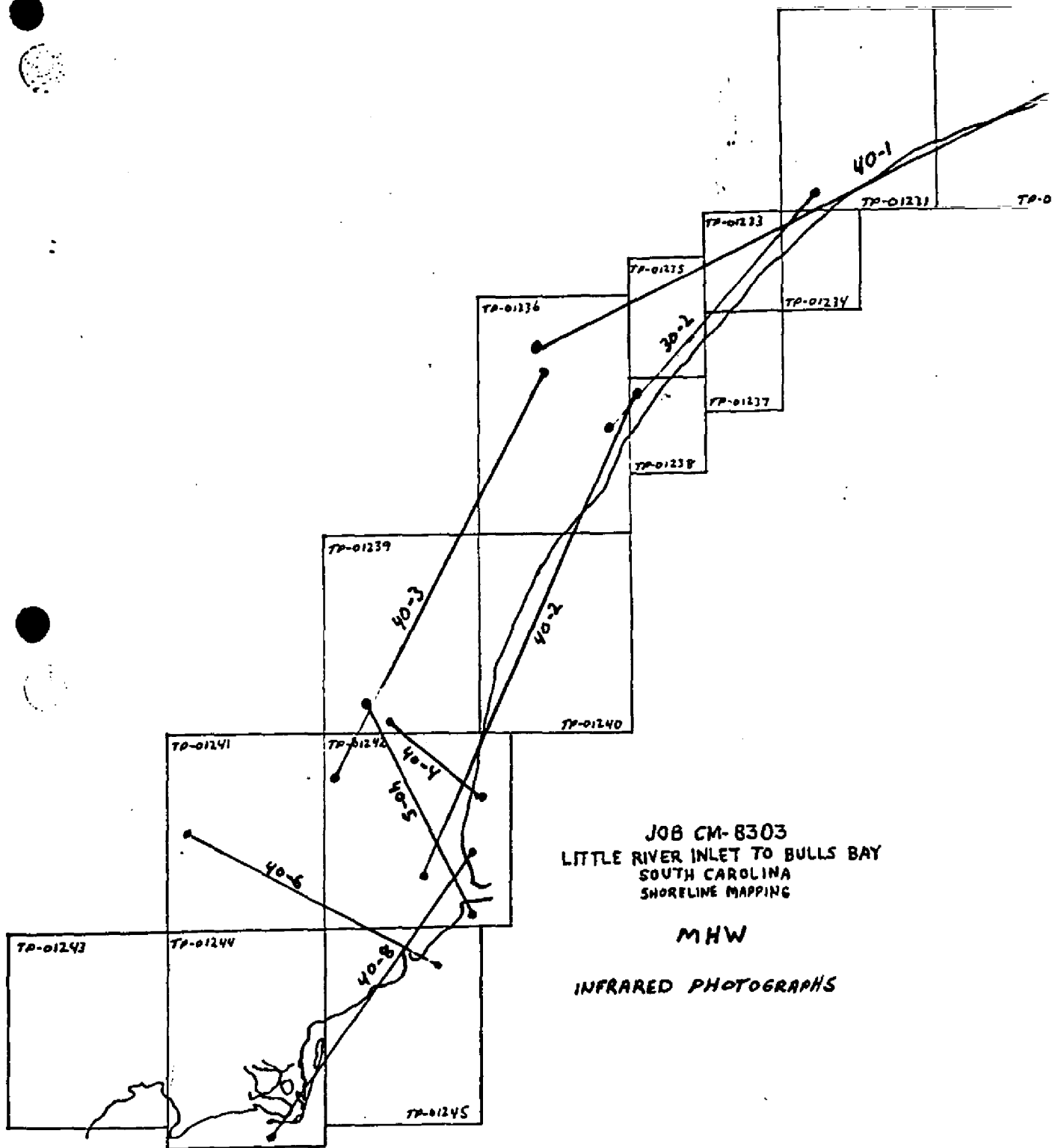
- 1) SAGE 1934 RM 4
- 2) FIRE 1934
- 3) MYRTLE BEACH RAD STA WYMB MAST 1962
- 4) ENTERPRISE 1934
- 5) PLANTER 1932
- 6) H3 SC 79
- 7) INLET 1934
- 8) Wood (use) 1934
- 9) Wedge 1934
- 10) McClellanville RM 5 1965
- 11) Mitchell 2 1976
- 12) Little RIVER 1932
- 13) REIVE 1934
- 14) CAMPFIELD 2 1965
-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

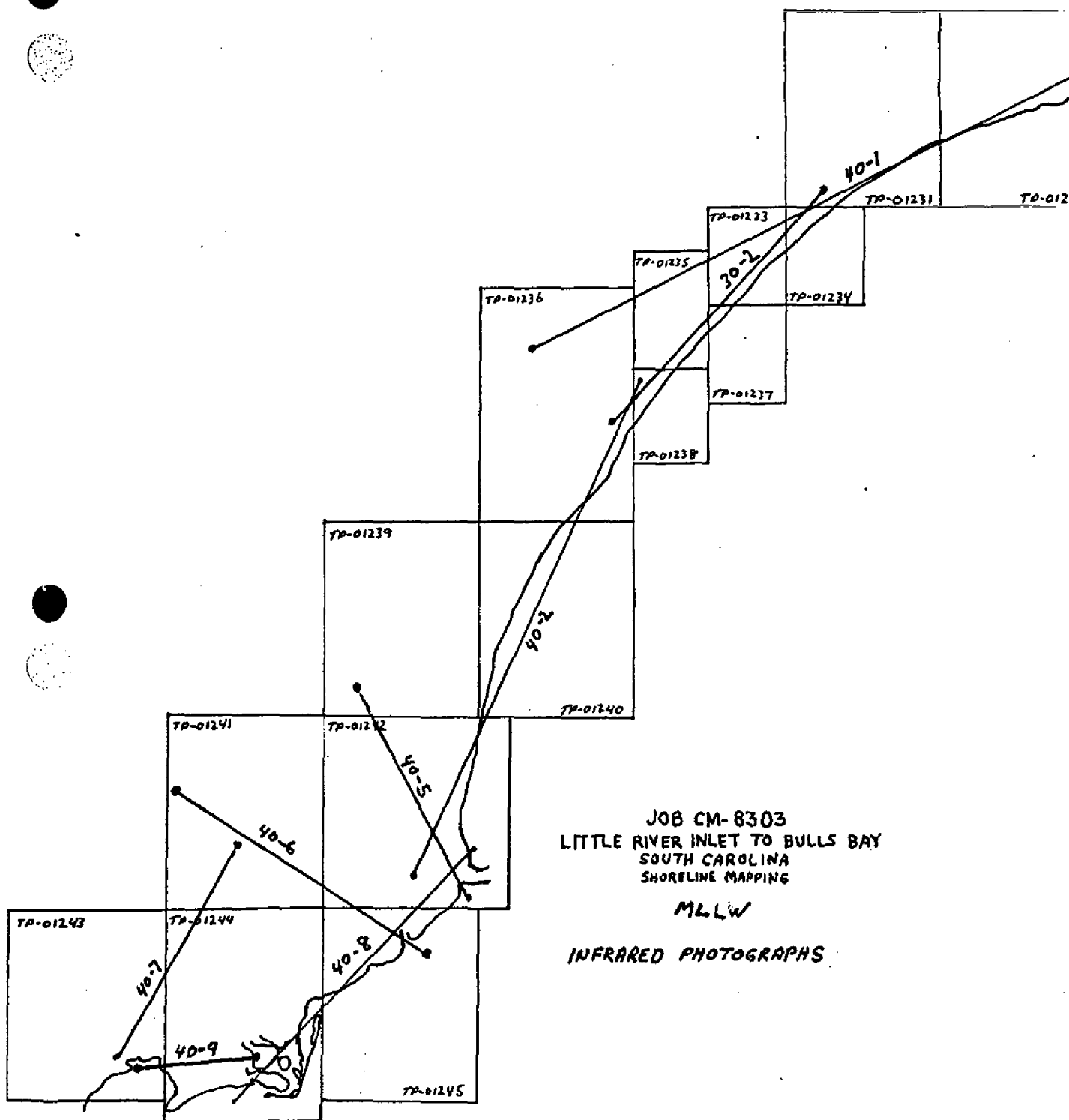




JOB CM-8303
LITTLE RIVER INLET TO BULLS BAY
SOUTH CAROLINA
SHORELINE MAPPING

COMPILATION PHOTOGRAPHS





DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	CM-8303	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET STATE <u>South Carolina</u> ZONE <u>South</u>	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	ORIGINATING ACTIVITY Coastal Mapping Unit, Norfolk, VA	REMARKS
TP-01242	WINYAH BAY RANGE A FRONT LIGHT, 1963	✓	✓	149	$x=$ $y=$	ϕ 33 11 33.445 λ 79 10 04.953	AMC	✓
	DYKE, 1934			192100	$x=$ $y=$	ϕ 33 12 12.785 λ 79 12 36.468		
	GEORGETOWN LIGHTHOUSE 1925			147	$x=$ $y=$	ϕ 33 13 20.878 λ 79 11 07.013		
	WINYAH BAY RANGE C REAR LIGHT, 1963			146	$x=$ $y=$	ϕ 33 15 02.451 λ 79 12 04.187		
	WOOD (USE), 1934			434100	$x=$ $y=$	ϕ 33 16 29.422 λ 79 16 50 162		
	WINYAH BAY LOWER RANGE E REAR LIGHT 1963			146A	$x=$ $y=$	ϕ 33 14 13.127 λ 79 11 29.989		
					$x=$ $y=$	ϕ λ		
					$x=$ $y=$	ϕ λ		
					$x=$ $y=$	ϕ λ		
					$x=$ $y=$	ϕ λ		
					$x=$ $y=$	ϕ λ		
					$x=$ $y=$	ϕ λ		
COMPUTED BY				DATE	COMPUTATION CHECKED BY	DATE		
LISTED BY D. Miller				DATE	LISTING CHECKED BY	DATE		
HAND PLOTTING BY				DATE	HAND PLOTTING CHECKED BY	DATE		

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, one charted landmark 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:

North Island, South Carolina; dated 1942, photorevised 1973; scale 1:24,000

Georgetown South, South Carolina; dated 1943, photorevised 1973; scale 1:24,000

Santee Point, South Carolina; dated 1942, photorevised 1973; scale 1:24,000

Minim Island, South Carolina; dated 1943, photorevised 1973; 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
11531; 15th edition; dated July 21, 1984; scale 1:80,000
11532; 15th edition; dated October 10, 1987; scale 1:40,000
11534; 23rd edition; dated January 9, 1988; scale 1:40,000
11535; 10th edition; dated April 9, 1988; scale 1:80,000

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

David R. Miller

David R. Miller
Cartographer
February 9, 1989

Approved:

James L. Byrd, Jr.

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

GEOGRAPHIC NAMES

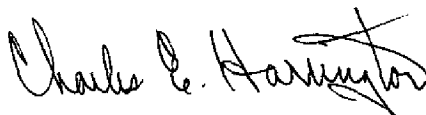
FINAL NAME SHEET

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

TP-01242

Atchinson Creek	Marsh Islands
Atlantic Ocean	Minim Creek
Barnes Ridge	Minim Island
Beach Creek	Mosquito Creek
Belle Isle Gardens	Mosquito Creek Canal
Big Duck Creek	Mud Bay
Bly Creek	Mud Creek
Boar Creek	Nancy Creek
Bobs Garden Creek	No Mans Friend Creek
Bread and Butter Creek	Noble Slough
Cat Island	North Inlet
Collins Island	North Island
Cork Creek	North Santee Bay
Cottonpatch Creek	North Santee River
Crow Island	Oyster Bay
Cutoff Creek	Perry Creek
Dividing Creek	Pine Ridge
Double Prong Creek	Pleasant Meadow Creek
Duck Creek (1)	Pumpkinseed Islands
Duck Creek (2)	Rabbit Island
Estherville Minim Creek Canal	Rockfish Canal
Fourmile Creek Canal	Sand Creek
Frazier Point	Sand Creek Basin
Goat Island	Sand Island
Hare Island	Sawmill Creek
Haulover Creek	Sign Creek
Horse Island	Sixty Bass Creek
Intracoastal Waterway	South Island
Jones Creek	Strawberry (locale)
Kinloch Island	Town Creek
Lagoon Creek	Waccamaw Neck
Little Crow Island	Western Channel
Little Duck Creek	Wheeler Basin
Little Jones Creek	Winyah Bay
Long Bay	Winyah Bay Entrance
Malady Bush Island	Wood Creek

Approved:



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

REVIEW REPORT
SHORELINE

TP-01242

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:

GEORGETOWN SOUTH, SOUTH CAROLINA, dated 1943,
photorevised 1973;
MINIM ISLAND, SOUTH CAROLINA, dated 1943, photorevised
1973,
NORTH ISLAND, SOUTH CAROLINA, dated 1942, photorevised
1973,
SANTEE POINT, SOUTH CAROLINA, dated 1942, photorevised
1973.

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
11531, 15th edition dated July 21, 1984, scale
1:80,000
11532, 15th edition, dated October 10, 1987, 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.
Lowell O. Neterer, Jr.
Final Reviewer
October 1989

Approved for Forwarding:

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

Approved:

N/A
~~Chief, Photogrammetric Sect.~~

Robert M. Rodley
for Chief, Photogrammetry Br.

CARTOGRAPHIC FEATURES OF CHARTING INTEREST

PROJECT: CM-8303

MAP NUMBER (Scale); Locality: TP-01242 (1:20,000) LITTLE RIVER TO BULLS BAY, SC

GEODETTIC DATUM: NA 1927

CHARTS AFFECTED: 11009, 11520, 11531, 11534, 11535

The following charted landmarks and nonfloating aids to navigation have been measured and/or confirmed 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		
WINYAH BAY-CHARLESTON HARBOR					
LIGHT 2	200	33 15 36.055	79 15 31.599	4	2-14-84
LIGHT 4	200	33 11 42.616	79 16 20.644	4	2-18-84
LIGHT 7	200	33 11 05.030	79 16 46.740	4	2-18-84
RANGE B FRONT DAYBEACON	906	33 10 12.00	79 17 38.90	7	2-14-84
LIGHT 18	200	33 10 17.694	79 18 14.725	4	2-14-84
GEORGETOWN LIGHT	020	33 13 20.878	79 11 07.013	3	2-18-84
WINYAH BAY					
RANGE A FRONT LIGHT	020	33 11 33.445	79 10.04.953	3	2-18-84
RANGE B REAR LIGHT	209	33 12.00.30	79 11 08.90	7	2-18-84
RANGE C FRONT LIGHT	208	33 14 27.90	79 11 50.90	7	2-18-84
RANGE C REAR LIGHT	020	33 15.02.451	79 12 04.187	3	2-18-84
WINYAH BAY LOWER					
RANGE E FRONT LIGHT	208	33 14 27.90	79 11 50.90	7	2-14-84
RANGE E REAR LIGHT	020	33 14 13.127	79 11 29.989	3	2-14-84
WINYAH BAY CHANNEL					
LIGHT 24	200	33 16 41.736	79 14 51.954	4	2-14-84
LIGHT 33	200	33 18 52.90	79 17 17.70	7	2-24-84
WINYAH BAY UPPER					
RANGE E REAR LIGHT	209	33 18 32.424	79 17 32.689	4	2-24-84
RANGE E FRONT LIGHT	208	33 18 21.505	79 17 17.389	4	2-24-84
LITTLE RIVER-WINYAH BAY					
LIGHT 96	200	33 18 00.822	79 17 17.027	4	2-24-84
LIGHT 98	200	33 17 08.10	79 17 04.30	7	2-24-84
LIGHT 100	200	33 16 21.30	79 16 35.90	7	2-14-84
JONES CREEK SOUTH NET PILINGS					
OBSTRUCTION DAY BEACON	223	33 16 53.30	79 11 32.80	7	2-14-84
RADIO TOWER	086	33 13 20.80	79 11 05.20	7	2-18-84
TOWER	993	33 11 42.40	79 16 26.00	7	2-14-84

Listing approved by:

Lowell O. Wether
FINAL REVIEWER

Oct 1985
DATE

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

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]