

TP-01307

TP-01307

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h1>DESCRIPTIVE REPORT</h1>	
THIS MAP EDITION WILL NOT BE FIELD EDITED.	
<i>Map No.</i> TP-01307	<i>Edition No.</i> 1
<i>Job No.</i> CM-8401	
<i>Map Classification</i> CLASS III (FINAL)	
<i>Type of Survey</i> SHORELINE	
<h2>LOCALITY</h2>	
<i>State</i> MAINE	
<i>General Locality</i> MACHIAS BAY AND VICINITY	
<i>Locality</i> JONESPORT	
<div style="border: 1px solid black; padding: 5px; text-align: center;"> 19 85 TO 19 </div>	
<h2>REGISTERED IN ARCHIVES</h2>	
<i>DATE</i>	

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 8(E) (E=152.71 mm)		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	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 85E(C)3221-3229 (odd)	10-08-85	10:23	1:50,000	4.7 ft above MLW	
* 85E(C)3238-3241	10-08-85	10:37	1:50,000	4.1 ft above MLW	
** 85E(I)2616-2618	09-22-85	10:47	1:50,000	1.4 ft above MLW	
** 85E(I)2642-2645	09-22-85	11:12	1:50,000	1.3 ft above MLW	
** 85E(I)2548-2550	09-18-85	11:56	1:50,000	0.8 ft below MHW	
** 85E(I)2678-2680	09-26-85	08:52	1:50,000	0.6 ft below MHW	
Mean Tide Range=18.4 ft.					

REMARKS *Compilation/bridging photographs based on predicted tide data.

**Tide coordinated MHW and MLW photographs based on actual tide data.

All photographs are referenced to the tide gage at Eastport, Maine.

2. SOURCE OF MEAN HIGH-WATER LINE:

The Mean High Water Line was compiled from office interpretation of the compilation/bridging color photographs using stereo instrument methods. The tide coordinated black-and-white infrared photographs were used to assist in the interpretation of the Mean High Water Line.

3. SOURCE OF MEAN LOW-WATER LINE:

The Mean Low Water Line was compiled graphically from the black-and-white tide coordinated MLW 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-01303	TP-01308	No Survey	No Survey

REMARKS

TP-01307

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION Premarking ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Shea	Nov 1985
2. HORIZONTAL CONTROL	RECOVERED BY J. Dunford	Nov 1985
	ESTABLISHED BY J. Dunford	Nov 1985
	PRE-MARKED OR IDENTIFIED BY J. Dunford	Nov 1985
3. VERTICAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
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 None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
Paneled		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
85E(C) 3240	KEL, 1913 (Sub pt. paneled)		
85E(C) 3239	CRUMPLE, 1862 (paneled direct and sub pt. paneled)		

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 NOAA Forms 76-53 (CSI Cards)

Project Data

1 NOAA Form 77-53 (Tide Record Bk.)

2 NOAA Forms 76-77 (Level Bk.), field report

Horizontal Control Data (Bound folder)

I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	Sept 1986	Class III Manuscript		
Final Review	Sept 1986	Final Class III Map	11-3-86	11-3-86

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		11-3-86	Form for Charted Landmarks and Aids to Navigation

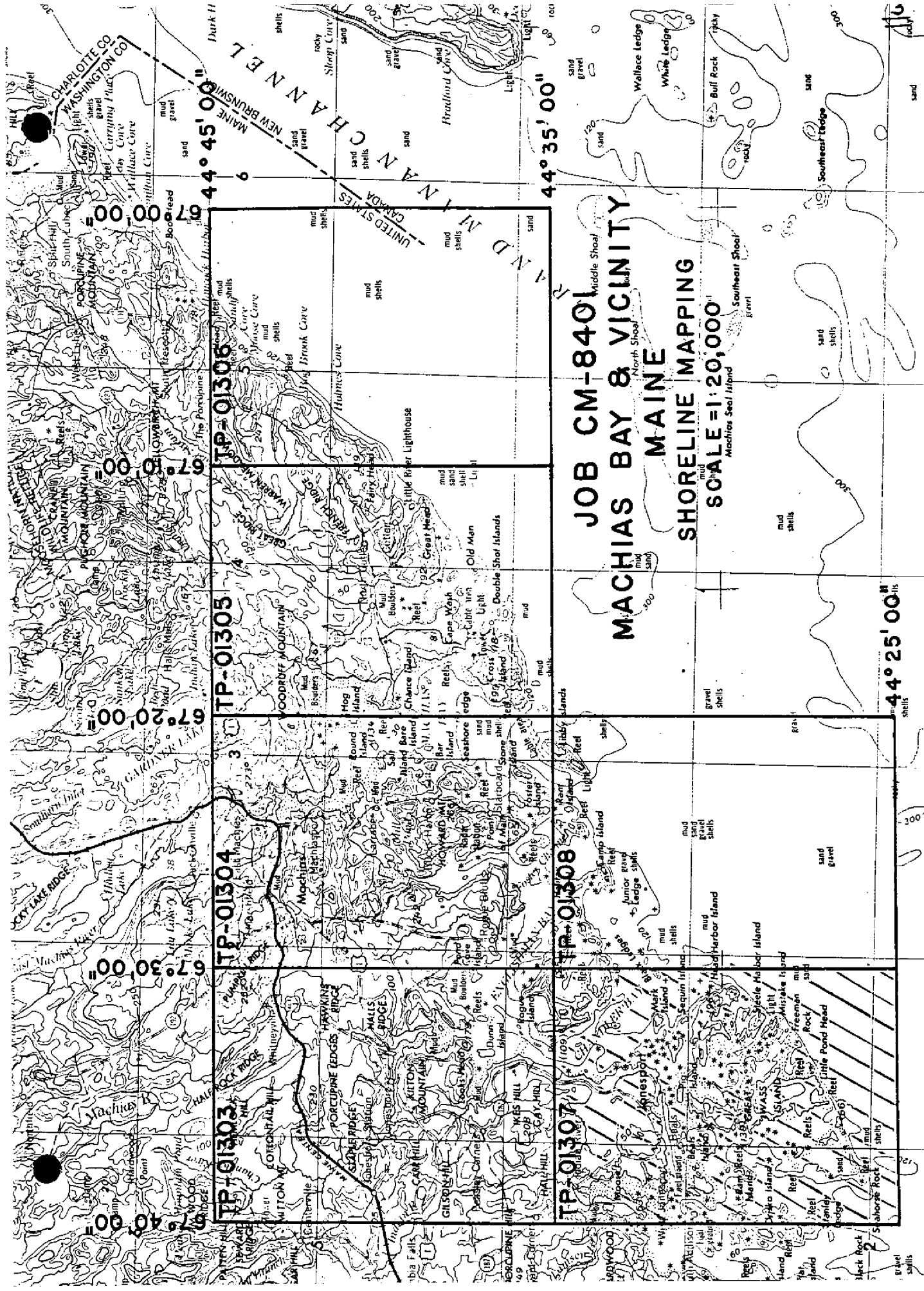
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 76-40 ~~76-40~~ 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-8401
MACHIAS BAY & VICINITY
MAINE
SHORELINE MAPPING

SCALE=1:20,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01307

This final Class III shoreline map is one of six 1:20,000 scale maps (TP-01303 thru TP-01308) that comprise project CM-8401, Machias Bay and Vicinity, Maine.

The purpose of this map is to provide current charting information for nautical chart maintenance and to furnish support data for proposed hydrographic activity.

This map portrays a portion of shoreline along the Gulf of Maine in the vicinity of Jonesport and includes the numerous offshore islands and adjacent waterways. The southwest limit of the project is defined by this map.

Field work prior to compilation consisted of the recovery, establishment and identification, by premarking methods, of horizontal control necessary for aerotriangulation. Also, field assistance was provided in obtaining the tide coordinated photographs and numerous (79) supplemental ground stations were premarked for control densification in support of hydrography. This activity was completed in November 1985. There was no field inspection performed.

Photo coverage for the project was adequately provided by 1:50,000 scale photographs taken with the Wild RC-8 (E) camera in September and October 1985. Color photographs were obtained for bridging and compilation. Tide coordinated black-and-white photographs, taken at mean high water and mean low water, were provided for graphic compilation and interpretation assistance. Supplemental 1:30,000 scale color photographs were obtained for identifying premarked control stations in support of hydrography.

Analytic aerotriangulation was adequately provided by the Washington Science Center in March 1986. Additional ground control was determined for the hydrographer by measuring 56 paneled photo stations. Bridging provided ratio values for enlarging the photographs to map scale and also photo located visible landmarks and navigational aids.

Compilation, based upon office interpretation of the 1:50,000 scale color photographs, was performed at the Coastal Mapping Unit, Atlantic Marine Center in September 1986. Compilation included the use of MHW and MLW tide coordinated infrared photographs. Refer to the Compilation Report for specific use of this photography.

Final review was performed at the Atlantic Marine Center in September 1986. A Chart Maintenance Print was prepared and forwarded to the Marine Chart Branch. A Notes to Hydrographer print and related support data were prepared to assist the hydrographer.

The Descriptive Report for this final Class III map contains all pertinent information used in map production. The original base manuscript and related data were forwarded to the Washington Science Center for registration.

FIELD INSPECTION

TP-01307

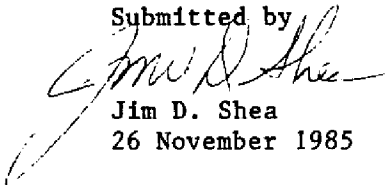
There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification (premarking) of the horizontal control necessary for aerotriangulation. Field activity also included the premarking of supplemental horizontal control in support of hydrography and the monitoring of the Eastport tide gage in obtaining tide coordinated infrared photography.

PROJECT REPORT CM-8401
MACHIAS BAY AND VICINITY, MAINE

SHORELINE MAPPING

This project was completed in compliance with Project Instructions dated 14 May 1985. Field work was accomplished during the period 9 September through 8 November 1985. Ten panels for 1:50,000 aerotriangulation photography were placed and located. Seventy-nine hydrographic control sites were paneled for 1:30,000 photography. Each site was permanently marked and described so that future recovery by the hydrographer will be possible. The tide gage at Eastport, ME was used for I.R. photography. Levels were run to the tape gage before and after photography to verify its elevation.

Submitted by



Jim D. Shea
26 November 1985

AEROTRIANGULATION REPORT
CM-8401
Machias Bay and Vicinity, Maine
March 1986

21. Area Covered

This report covers the Machias Bay, Maine area from Western Bay to Eastern Head. The project consists of six 1:20,000-scale sheets; TP-01303 through TP-01308.

22. Method

Three strips of 1:50,000-scale color photographs were bridged by analytic aerotriangulation methods and adjusted to ground as a block using the General Integrated Analytical Triangulation Program (GIANT). Pre-marked control stations were used as horizontal control.

The photographs were measured using the National Ocean Service Analytic Plotter (NOSAP) under control of the Integrated Digital Photogrammetric Facility Software (IDPF). Common points were transferred between strips to ensure adequate junctioning.

Ratio values were determined for the 1:50,000-scale color bridging photographs and the 1:50,000-scale MLW and MHW infrared photographs. A copy of these values and sketches of the photo coverage are attached to this report.

A magnetic tape containing positions to be plotted on a base manuscript has been prepared. These positions are in the Transverse Mercator State Plane Coordinate System, Maine, East Zone.

23. Adequacy of Control

The control was adequate and meets the National Ocean Service requirements. A listing of closures to control is attached.

24. Supplemental Data

USGS Topographic Quadrangles were used to obtain vertical control for bridging. NOS Nautical Charts were used to locate aids and Landmarks.

25. Photography

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

26. Additional Positions

Aerotriangulated positions were determined for 56 paneled hydrographic control sites. A majority of the panels were measured on two adjacent photographs only. Aerotriangulated positions were also determined for five landmarks requested by the U.S. Coast Guard.

Submitted by,



Vic McNeel

Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Unit

FIT TO CONTROL

<u>STATION NAMES</u>	<u>POINT NO.</u>	<u>VALUES IN FEET</u>	
		<u>X</u>	<u>Y</u>
1. Tibb 1985	217100	-1.3	+3.4
2. Kel 1913, sub. station	214101	+0.6	-1.1
3. Merstin 1883	211100	-0.4	-1.6
4. Ackley RM2 1882, 1960	209101	-1.4	-1.5
5. Bog Creek RM1, 1863	205101	+0.2	+0.5
6. Godfrey 1883	204100	+0.4	+0.6
7. Curmple 1862, sub. station	238101	+0.4	-1.0
8. Foster Island 1882	243100	+1.5	-0.3
9. Ryefield 1862	187100	+0.6	0.0
10. Little 1985 (not held in adjustment)	193100	-1.8	-0.1

RATIO VALUECM-84011:50,000 Bridging Photographs

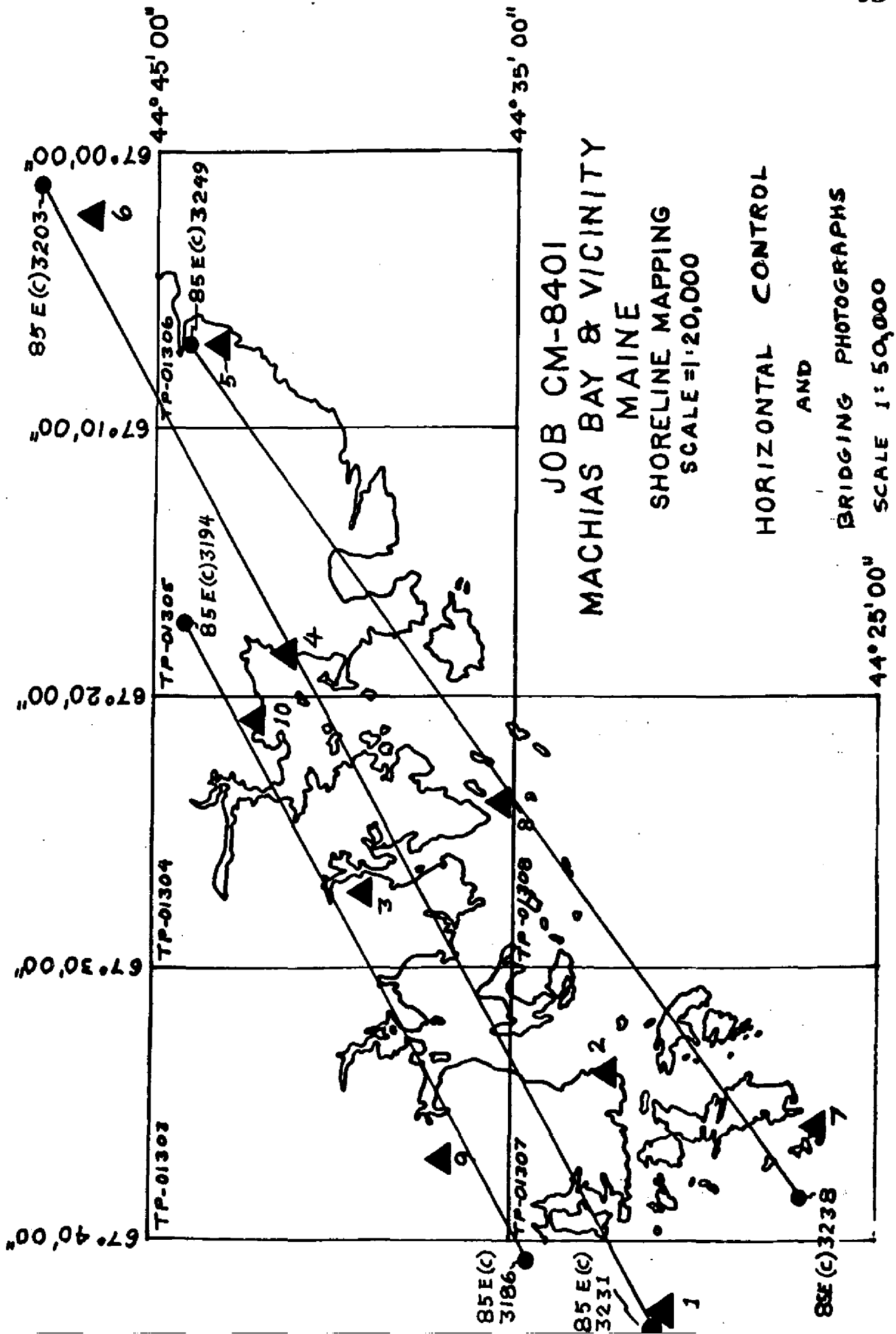
	<u>Ratio Value</u>
85 E(C) 3186-3194	2.50
85 E(C) 3202-3231 (odd only)	2.50
85 E(C) 3238-3249	2.50

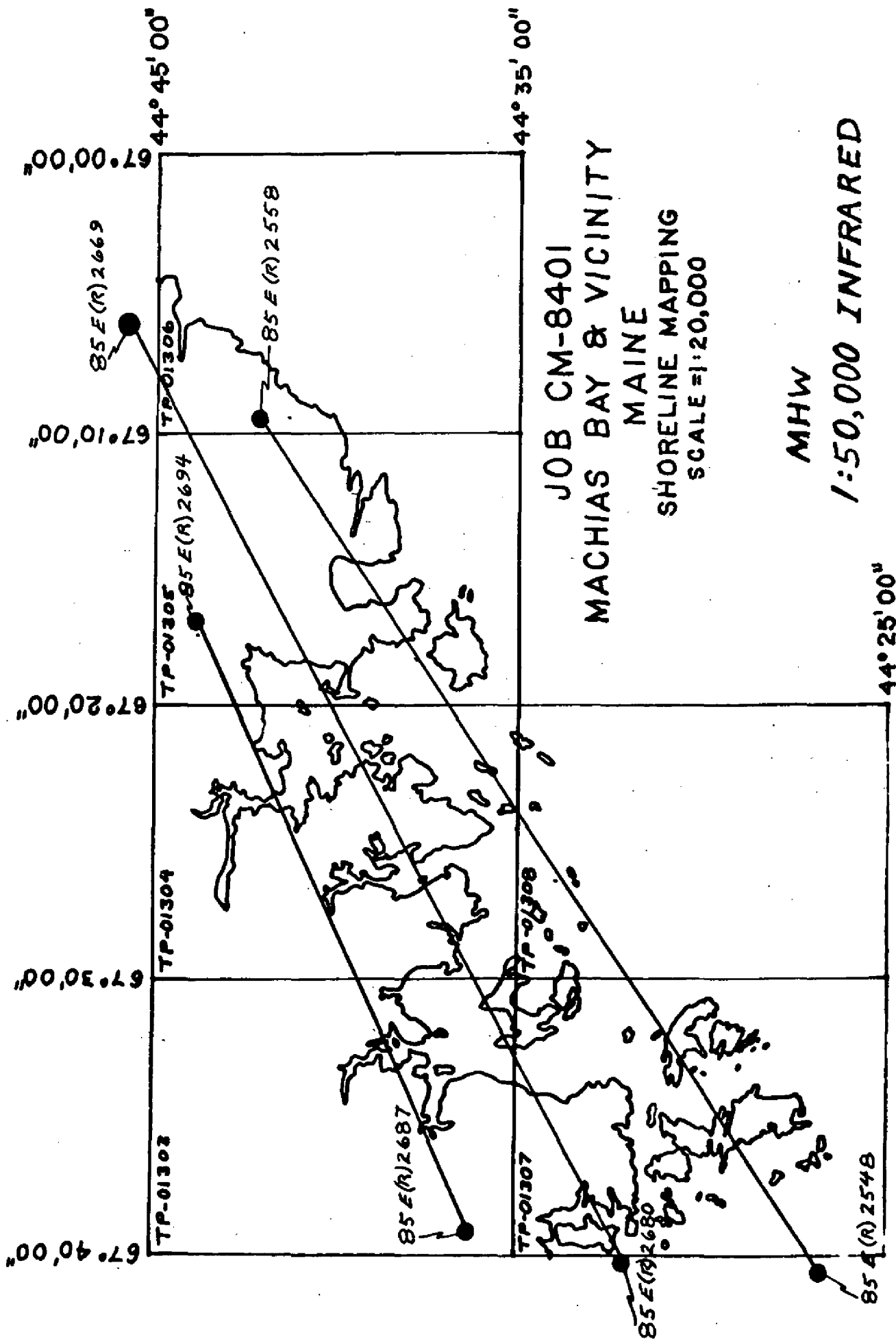
MLW 1:50,000 Black and White Infrared

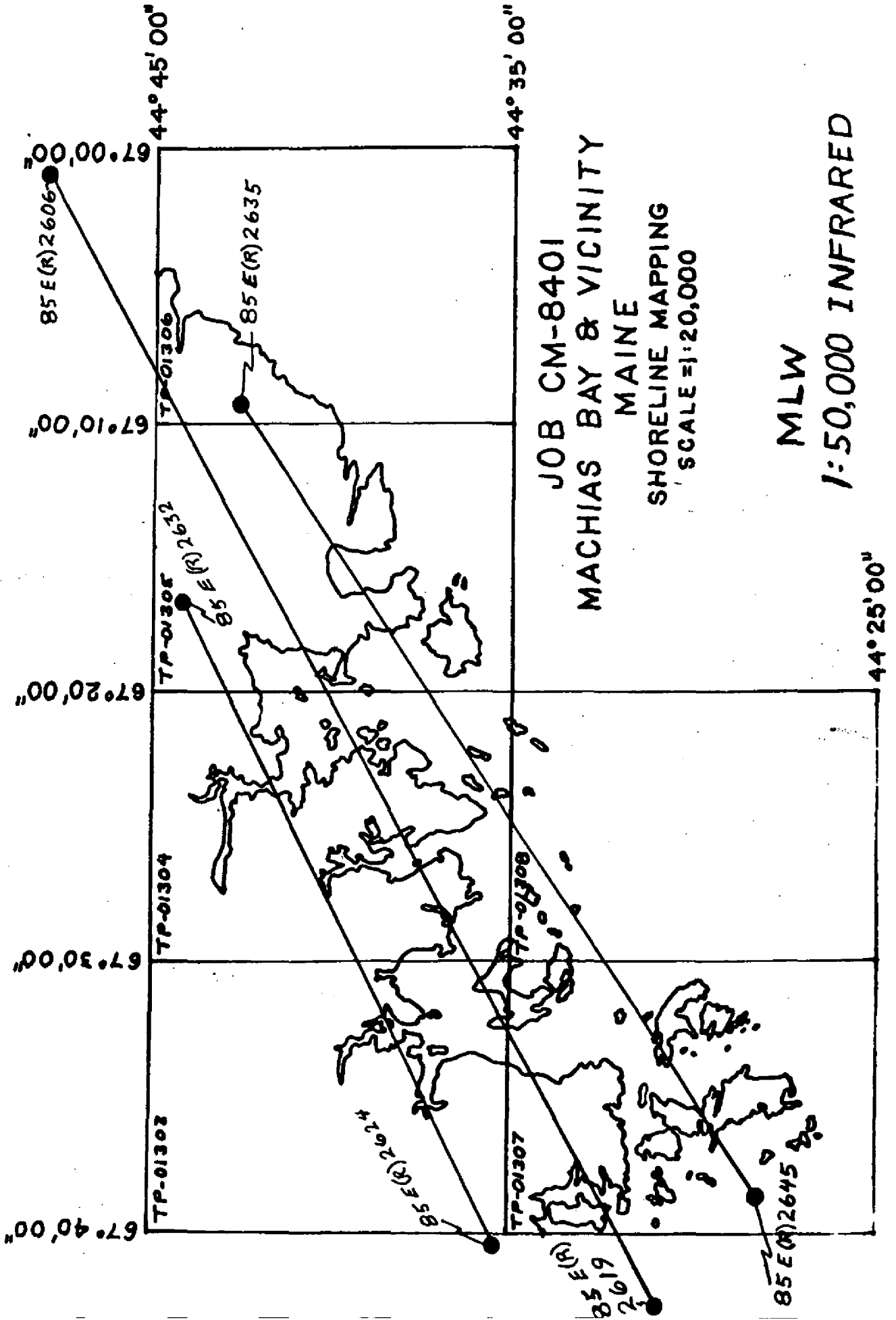
85 E(R) 2606-2619	2.51
85 E(R) 2624-2632	2.51
85 E(R) 2635-2645	2.51

MHW 1:50,000 Black and White Infrared

85 E(R) 2548-2558	2.53
85 E(R) 2669-2680	2.52
85 E(R) 2687-2694	2.51







MAP NO.	STATION NAME	JOB NO.	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
					CM-8401	N.A. 1927	STATE	ZONE	φ LATITUDE	λ LONGITUDE	
TP-01307											Unit, AMC, Norfolk, VA
	KEL, 1913		Quad.440674 Sta 1036	214100			X= 742,905.69 Y= 256,143.93		φ 44 31 56.052 λ 67 34 06.508		
	BEALS NORTH CHURCH SPIRE, 1913		Quad.440674 Sta 1006	114A			X= Y=	φ 44 31 08.762 λ 67 36 53.358			
	CRUMPLE, 1862		Quad.440673 Sta 1009	238100			X= 735,268.11 Y= 223,411.00	φ 44 26 33.679 λ 67 35 56.916			
	CHANNEL ROCK BN NEAR JONESPORT, 1913		Quad.440674 Sta 1012	103			X= Y=	φ 44 30 05.194 λ 67 33 52.054			
	GILCHRIST ROCK BEACON, 1913		Quad.440674 Sta 1025	106			X= Y=	φ 44 31 53.053 λ 67 32 52.467			
	MOOSE A BEC REACH LIGHT, 1913		Quad.440674 Sta 1050	109A			X= Y=	φ 44 31 46.27 λ 67 34 20.34			
	SNOWS. ROCK BEACON, 1913		Quad.440674 Sta 1069	109A			X= Y=	φ 44 31 37.956 λ 67 34 24.401			
	KELLY SCHOOL CUPOLA FLAGSTAFF, 1913		Quad.440674 Sta 1038	110			X= Y=	φ 44 31 55.73 λ 67 34 48.34			
	SAWYERS COVE CHURCH SPIRE, 1913		Quad.440674 Sta 1066	111B			X= Y=	φ 44 31 57.680 λ 67 35 46.387			
	WEST JONESPORT UNION CHURCH, 1913		Quad.440674 Sta 1078	113			X= Y=	φ 44 31 42.962 λ 67 37 17.720			
COMPUTED BY					DATE	COMPUTATION CHECKED BY				DATE	
LISTED BY	R. R. Kravitz				DATE 7-15-86	LISTING CHECKED BY	F. Mauldin			DATE 8/29/86	
HAND PLOTTING BY					DATE	HAND PLOTTING CHECKED BY				DATE	

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETTIC DATUM		ORIGINATING ACTIVITY		REMARKS	
TP-01307		CM-8401		N.A. 1927		Unit, AMC, Norfolk, VA			
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Maine ZONE Eastern		GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE				
MOOSE PEAK LIGHTHOUSE, 1862	Quad. 440673 Sta 1019	117	X=		ϕ 44 28 27.367				
			Y=		λ 67 31 57.269				
THREE FALLS LIFE SAV STA CUP, 1913	Quad. 440673 Sta 1038	118	X=		ϕ 44 28 11.662				
			Y=		λ 67 35 38.700				
POMPS LEDGE BEACON, 1913	Quad. 440674 Sta 1059	127	X=		ϕ 44 30 20.516				
			Y=		λ 67 39 17.645				
INDIAN RIVER CHURCH 1, 1962	Quad. 440674 Sta 1034	133	X=		ϕ 44 34 22.440				
			Y=		λ 67 38 36.323				
			X=		ϕ				
			Y=		λ				
			X=		ϕ				
			Y=		λ				
			X=		ϕ				
			Y=		λ				
			X=		ϕ				
			Y=		λ				
			X=		ϕ				
			Y=		λ				
			X=		ϕ				
			Y=		λ				
COMPUTED BY		DATE	COMPUTATION CHECKED BY			DATE			
LISTED BY R. R. Kravitz		DATE	LISTING CHECKED BY F. Mauldin			DATE	8/29/86		
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY			DATE			

COMPILATION REPORT

TP-01307

31 - DELINEATION

Delineation was accomplished using stereo instrument and graphic compilation methods. Instrument compilation was used to delineate shoreline, alongshore, and interior detail based upon office interpretation of the 1:50,000 scale bridging/compilation color photographs. Tide coordinated MHW infrared ratio photographs were used to assist in interpretation of the shoreline. Tide coordinated MLW infrared ratio photographs were used to graphically compile the approximate mean low water line. Control for graphic delineation was provided by the 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 March 1986.

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 compilation/bridging color photographs and was complemented by the tide coordinated MHW infrared ratio photographs.

36 - OFFSHORE DETAILS

Offshore detail was compiled by instrument methods using the 1:50,000 scale bridging/compilation color photographs as described in item #31.

The MLW infrared ratio photographs were used to graphically compile the approximate mean low water line as described in item #31.

37 - LANDMARKS AND AIDS

There were 6 charted landmarks and 8 charted aids within the mapping limits of this manuscript. Among these, 5 landmarks and 2 aids were either located or verified photogrammetrically.

TP-01307

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:
Jonesport, ME; dated 1948; photorevised 1977; scale 1:24,000
Addison, ME; dated 1948; photoinspected 1975; scale 1:24,000
Drisko Island, ME; dated 1950; scale 1:24,000
Great Wass Island, ME; dated 1950, photoinspected 1975; scale 1:24,000.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS charts:
13326; 10th edition; scale 1:40,000; dated November 17, 1984
13325; 11th edition; scale 1:80,000; dated May 1, 1982.

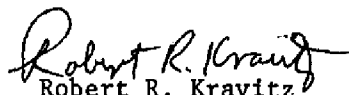
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

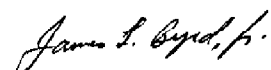
ITEMS TO BE CARRIED FORWARD

None.

Submitted by


Robert R. Kravitz
Cartographic Technician
25 August 1986

Approved



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8401 (Machias Bay, Maine)

TP-01307

~~Allen Point~~-----Alley Point *glt*

Alley Bay

Alley Island

Ballast Island

Bar Island

Barneys Little Island

Barney Point

~~Boston Ledges~~---Batson Ledges *glt*

Bay Ledges

Beals

Beals Harbor

Beals Island

Big Breaking Ledge

Big Peabody Island

Black Duck Cove

Black Head

Black Island

Black Ledges

Boat Cove

Bonney Point

Brim Cove

Browney Island

Browney Island Ledges

Bunker Cove

Bunker Hole

Burnt Island

Calf Island

Cape Cove

Chandler Bay

Channel Rock

Cranberry Cove

Cross Cove

Crow Island

Crowley Island

Crow Point

Crumple Island

Curlew Rock

Deep Cove

Dobbins Island

Donovan Cove

Doyle Island

Drisko Ledge

Drown Boys Ledges

Eastern Bay

East Sheep Island

Egg Rock

Fisherman Island

Folkingham Cove

Freeman Rock

French House Island

Grays Cove

Great Spruce Island

Great Spruce Ledges

Great Wass Island

Green Island (1)

Green Island (2)

Green Rock

Gulf of Maine

Hall Cove

Hall Island

Hannahs Cove

Hardwood Island

Hardwood Island Ledge

Hay Creek

Head Harbor

Head Harbor Creek

Head Harbor Island

Henry Point

Hopkins Point

Indian Point

Indian River

Indian River (locality)

Inner Hardwood Island

Jonesport

Kelley Point

Knight Island

Leighton Ledges

Little Cape Point

Little Drisko Island

Little Hardwood Island

Little Ledge

Little Peabody Island

Little Pond Beach

Little Pond Head

Little Ram Island

Little Sheep Island

Little Spruce Island

Long Ledge (1)

Hopkins Gut *glt*

Long Ledge (2)
 Loon Point
 Lower Herring Cove
 Main Channel Way
 Man Island
 Mannings Farm
 Mark Island
 Mash Island
 Middle Hardwood Island
 Mill Pond
 Mink Island
 Mistake Harbor
 Mistake Island
 Money Island
 Moose Ledge
 Moosabec Reach
 Mouse Island
 Mud Hole
 Mud Hole Channel
 Mud Hole Point
 Natt Point
 Nipple
 Norton Island
 Norton Ledge
 Norton Ledges
 Nova Rocks
 Old House Point
 Outer Ram Island
 Parker Head
 Patten Cove
 Perio Point
 Pig Island
~~Pig Island Ledge~~ Pig Island Gut *glt*
 Pomp Island
 Pomp Island Ledge
 Pond Point
 Popplestone Beach
 Popplestone Cove
 Popplestone Ledge
 Ram Island
 Red Head
 Rhine Point
~~Rogue Island~~ -----Rogue Island *glt*
 Moose Rock *glt*

Roque-----~~Rogue~~ Island Harbor *glt*
 Sand Cove
 Sand Cove North
 Sand Ledge
 Sandy River
 Sandy River Beach
 Sawyer Cove
 Sawyer Island (1)
 Sawyer Island (2)
 Seaduck Point
 Seaduck Rock
 Seahorse Rock
 Sealand
 Seal Ledge
 Seal Rock
 Sequin Island
 Sequin Passage
 Shorey Cove
 Sheep Island
 Slate Island
 Slate Island Cove
 Snare Cove
 Snare Creek
 Snows Rock
 Spectacle Islands
 Steele Harbor Island
 Steele Point
 Stevens Island
 The Cows Yard
 The Flying Place
 The Pond
 Thorofare
 Three Falls Harbor
 Three Falls Point
 Upper Herring Cove
 Virgins Breasts
 Virgin Island
 Wallace Ledge
 Water Island
 Western Bay
 West Jonesport
 West River
 West Sheep Island

Approved,

Charles E. Harrington

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

REVIEW REPORT
TP-01307

SHORELINE

61 - GENERAL STATEMENT

Final review for this final Class III map was accomplished at the Atlantic Marine Center in September 1986. For a schedule of the office and field operations, refer to the Summary included in 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 U.S. Geological Survey Quadrangles:
Jonesport, ME; dated 1948; photorevised 1977; scale 1:24,000
Addison, ME; dated 1948; photoinspected 1975; scale 1:24,000
Drisko Island, ME; dated 1950; scale 1:24,000
Great Wass Island, ME; dated 1950, photoinspected 1975; scale 1:24,000

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic survey was performed in the area common to this map.

65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS charts:
13326, 10th edition, scale 1:40,000, dated November 17, 1984
13325, 11th edition, scale 1:80,000, dated May 1, 1982.

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
Jerry L. Hancock
Jerry L. Hancock
Final Reviewer

Approved for forwarding
Billy H. Barnes
Billy H. Barnes,
Chief, Photogrammetric Section

Approved *J. A. Morney*
Chief, Photogrammetric Production Sec.
Ronald K. Brewer
Chief, Photogrammetry Branch

CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION

PROJECT NUMBER: CM-8401

PROJECT NAME: MACHIAS BAY AND VICINITY, MAINE

MAP NUMBER: TP-01307

The following charted landmarks and nonfloating aids to navigation have been measured and/or confirmed during photogrammetric operations. All geographic positions are based on the N.A. 1927 Datum. Refer to Nautical Charting Division Standard Digital Data Exchange Format documentation for clarification of NCD Quality (Q.C.) and Cartographic (CARTO) Codes.

FEATURE DESCRIPTION	CARTO CODE	GEOGRAPHIC POSITION		NCD Q.C.	DATE OF LOCATION (PHOTO DATE)
		LATITUDE	LONGITUDE		
SPIRE	139	44 31 08.762	67 36 53.358	3	10/08/85
SPIRE	139	44 31 42.962	67 37 17.720	3	10/08/85
SPIRE	139	44 31 57.680	67 35 46.387	3	10/08/85
MOOSE PEAK LIGHT	139	44 28 27.367	67 31 57.269	3	10/08/85
EMMS ROCK LIGHT 9*	200	44 31 44.0	67 33 59.0	7	10/08/85
STACK	86	44 31 42.6	67 36 44.5	7	10/08/85
CHIMNEY ON SCHOOL	86	44 31 50.1	67 36 26.8	7	10/08/85

*Published by NGS as Emms Rock Beacon, 1913 (Lat. 44 31 43.97, Long. 67 33 59.05); field verification in Nov. 1985 indicates light structure has replaced original beacon in the same foundation.

Listing approved by:

James H. Hancock
FINAL REVIEWER

Aug 1986
DATE

