

TP- 01202

TP- 01202

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-01202

Edition No.

1

Job No.

CM-8300

Map Classification

CLASS III (FINAL)

Type of Survey

SHORELINE

## LOCALITY

State

MAINE, U.S.A. - NEW BRUNSWICK, CANADA

General Locality

PASSAMAQUODDY BAY

Locality

DIGDEGUASH HARBOUR

1983 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>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA		SURVEY TP. <u>01202</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III (Final)</u> JOB <u>RM-CM-8300</u>	
OFFICER-IN-CHARGE  A. Y. Bryson, CDR		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 <u>---</u> SURVEY DATES: 19 <u>---</u> TO 19 <u>---</u>	

I. INSTRUCTIONS DATED	
1. OFFICE	2. FIELD
Aerotriangulation      June 5, 1984  Compilation              March 1, 1985	Control                      August 12, 1983

II. DATUMS	
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN	OTHER (Specify)
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL	OTHER (Specify)
3. MAP PROJECTION  Transverse Mercator Projection	4. GRID(S) STATE      ZONE Maine      East
5. SCALE 1:20,000	STATE      ZONE

III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS	BY	NAME	DATE
1. AEROTRIANGULATION	BY	B. Thornton	Aug. 1984
METHOD: Analytic	LANDMARKS AND AIDS BY	B. Thornton	Aug. 1984
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	B. Thornton	Oct. 1984
METHOD: Calcomp 718	CHECKED BY	D. Norman	Oct. 1984
3. STEREOSCOPIC INSTRUMENT	PLANIMETRY BY	R. Kravitz	Feb. 1985
COMPILATION	CHECKED BY	W. McLemore	Feb. 1985
INSTRUMENT: Wild B-8	CONTOURS BY	N.A.	
SCALE: 1:20,000	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	R. Kravitz	March 1985
	CHECKED BY	F. Mauldin	May 1985
METHOD: Smooth drafted	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	N.A.	
	CHECKED BY	N.A.	
5. OFFICE INSPECTION PRIOR TO <del>FINAL REVIEW</del>	BY	F. Mauldin	May 1985
6. APPLICATION OF FIELD EDIT DATA	BY	N.A.	
	CHECKED BY	N.A.	
7. COMPILATION SECTION REVIEW      Class III	BY	F. Mauldin	May 1985
8. FINAL REVIEW                      Class III	BY	J. Hancock	May 1985
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	J. Hancock	May 1985
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	P. Demosey	Dec. 1985
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	E. DAUGHERTY	FEB 1986

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

TP-01202

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C.-10(C) (C=88.46 mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> PREDICTED TIDES * <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE COORDINATED PHOTOGRAPHY ** coordinated				Eastern	
				MERIDIAN	
				75th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
*83C(C)9037-9038	9-12-83	10:02	1:50,000	2.1 ft. above MLW	
*83C(C)9071-9074	9-15-83	08:33	1:50,000	8.4 ft. above MLW	
*83C(I)0503-0505	10-31-83	11:58	1:50,000	0.9 ft. above MLW	
*83C(I)9630-9633	9-28-83	14:40	1:50,000	0.5 ft. below MHW	
Mean tide range=18.2 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.

## 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 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 LINE OR MEAN LOWER LOW-WATER LINE:

The mean low water line was compiled graphically from the black and white tide coordinated 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	TP-01204 TP-01208 (inset)	TP-01201 TP-01207 (inset)

REMARKS

TP-01202

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION (Premarking) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Aug. 1983
2. HORIZONTAL CONTROL	RECOVERED BY N.A. ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY N.A.	
3. VERTICAL CONTROL	RECOVERED BY N.A. ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY N.A. LOCATED (Field Methods) BY N.A. IDENTIFIED BY N.A.	
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 N.A.	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED  
NONE2. 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)

Project data: 1 NOAA Form 76-77 and 1 NOAA Form 76-52  
1 NOAA Form 77-53

NOAA FORM 76-36D  
(3-72)

TP-01202

U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

## RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	May 1985	Class III Manuscript	None	None
Final Review	May 1985	Final Class III Map	7/17/85	7/17/85

## II. LANDMARKS AND AIDS TO NAVIGATION None

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

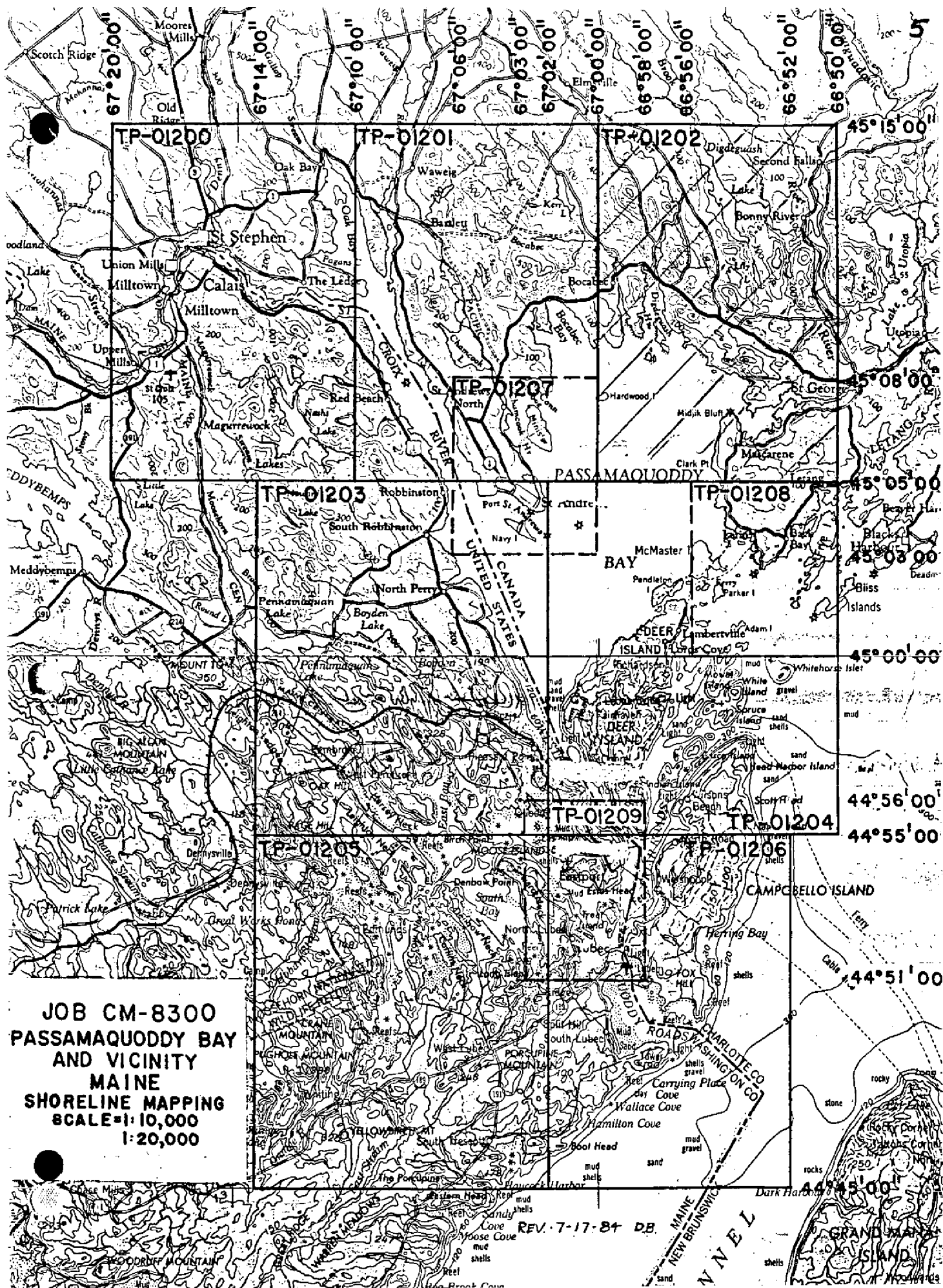
## III. FEDERAL RECORDS CENTER DATA

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
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-01202

This 1:20,000 scale final Class III shoreline map is one of 10 maps that comprise project CM-8300, Passamaquoddy Bay and Vicinity, Maine. The project consists of seven 1:20,000 scale maps (TP-01200 thru TP-01206) and three 1:10,000 scale inset maps (TP-01207 thru TP-01209). This project includes shoreline coverage of the American and Canadian territories; however, no attempt was made to compile the international boundary line.

The purpose of this map is to provide current charting information for nautical chart maintenance and to furnish support data for the Canadian hydrographic activity scheduled this (1985) spring.

This final Class III map portrays a portion of Canadian shoreline in the northeast region of Passamaquoddy Bay. This map defines the northeast limit of the project.

Field work prior to compilation consisted of the recovery, establishment and identification, by premarking methods, of horizontal control necessary for aerotriangulation. Also, the field party was responsible for assisting in obtaining the tide coordinated aerial photography. This activity was completed October 1983.

Photo coverage for the project was provided by 1:50,000 scale and 1:30,000 scale natural color and black-and-white tide coordinated photographs. The color photographs required for aerotriangulation and instrument compilation were taken with the Wild RC-10 (C) camera in September 1983. The MHW and MLW infrared photographs required for graphic compilation and interpretation assistance were taken September/October 1983 with the Wild RC-10 (C) camera. All photographs used to produce this map were taken at 1:50,000 scale. The photography was adequate.

After the photographs were forwarded to compilation, a general evaluation of the mapping area was performed in the field by select AMC compilation personnel June 1984. This activity was conducted in order to assist in the photo interpretation process during compilation.

Analytic aerotriangulation was adequately provided by the Washington Science Center August 1984. This operation included ruling the base manuscripts, determining ratio values for the photographs and locating 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 May 1985. 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 for this final Class III map was performed at the Atlantic Marine Center in May 1985. A Chart Maintenance Print was prepared and forwarded to the Marine Charts Branch. A Notes to Hydrographer print and related support data were prepared to assist the Canadians in their hydrographic activity. While preparing the support data, a comparison was made with the common Canadian nautical charts in order to identify conflicts between the NOS charts and the map. Any significant conflicts were addressed on both the Chart Maintenance and Notes to Hydrographer prints.

The Descriptive Report for this final shoreline ~~insert~~ map contains all pertinent information used to produce this map. The original base manuscript and related data were forwarded to the Washington Science Center for final registration.

## FIELD INSPECTION

TP-01202

There was no complete field inspection prior to compilation. Field work accomplished was limited to the recovery and identification (pre-marking) of the horizontal control necessary for aerotriangulation, monitoring the Eastport tide gage to aid in obtaining tide coordinated infrared photography, and a cursory shoreline inspection.

PHOTOGRAMMETRIC PLOT REPORT

CM-8300

Passamaquoddy Bay, Maine

August 1984

21. Area Covered

This project covers the Passamaquoddy Bay area from Oak Bay and St. Croix River, down to the Grand Mann Channel. The area is covered by seven 1:20,000 scale sheets; TP-01200 to TP-01206, and three 1:10,000 scale sheets; TP-01207 to TP-01209.

22. Method

Six strips of 1:50,000 scale color photographs were bridged by analytical aerotriangulation methods and adjusted to ground as a block with the General Intergrated Analytical Triangulation Program (GIANT). Nine pre-marked horizontal control stations were used in the adjustment. One premarked station in conjunction with office identified intersection stations were used as check points. The block contained 63 photographs.

Compilation points were dropped to eight strips of 1:30,000 scale color photographs. This photography is for the compilation of the 1:10,000 scale sheets.

Ratio values were determined for the bridging and compilation photographs and also for the MLW and MHW infrared photographs. A copy of the values is attached to this report.

The base sheets were plotted on the Calcomp 718 plotter using the Maine state plane coordinate system, East zone. This system is based on the Transverse Mercator projection.

23. Adequacy of Control

The control was adequate. The project meets the National Standards of Map Accuracy.

One premarked station, Table Top, 1866, would not fit in the adjustment. A copy of the fit to control is attached to this report.

24. Supplemental Data

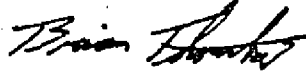
USGS quadrangles were used to provide veritcal control for adjustments.

25. Photography

The coverage, overlap, and quality of the 1983C(C) photographs were adequate for the job.

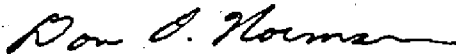
The coverage of the 1983B(R) infrared photographs used for the MHW and MLW is insufficient for sheet TP-01209.

Submitted by:



Brian Thornton

Approved and Forwarded:



Don O. Norman  
Chief, Aerotriangulation Unit

## FIT TO CONTROL

△ = Control Held in Adjustment

<u>STATION NAMES</u>	<u>POINT NO.</u>	<u>VALUES IN FEET</u>	
		<u>X</u>	<u>Y</u>
△ New Brunswick Disk #2185	88100	1.0	0
△ Box 2, 1946 - Sub Point	66101	3.0	0
△ New Brunswick Disk #2236 - Sub Point	71101	-1.0	2.0
△ New Brunswick Disk #2517 - Sub Point	74101	-1.0	0
△ New Brunswick Disk #2475	39100	0	0.5
△ Matthews, 1863	38100	-2.0	-2.0
△ Rob IBC, 1946 - Sub Point	976101	1.0	-0.5
△ Hersey, 1887	98100	0	-0.6
△ Mill CHS, 1977	971100	0	-1.0
△ Larrabee IBC, 1913	969100	0	-0.5
Table Top, 1866	978100	26.0	12.0
Lubec Narrows			
Mulholland Pt. Lt.	100100	1.0	0
Lubec Standpipe, 1910	100167	-2.6	4.3
Redoubt Hill Tank, 1946	972111	+3.0	1.0
Range Mark 7, 1919	972146	1.0	1.7
Range Mark 9, 1919	972144	1.0	2.0
Range Mark 10, 1919	972145	2.4	2.3
Range Mark 5, 1919	972148	1.3	2.0
Range Mark 6, 1919	972147	2.5	0
Perry, White Church Spire, 1913	973143	-2.5	3.0
Life Saving Station, Lookout Twr. 1919	102147	8.0	1.0
West Quoddy Head Light, 1860	102148	1.5	-4.6
Range Mark 41, 1919	44164	0	3.0
Range Mark 44, 1919	44153	2.0	4.4
Lubec Channel Lt. House, Final 1893	44159	1.3	2.3
Lubec Church Spire, 1861	100156	1.0	2.5
Lubec Lower Church Spire, 1913	43147	1.8	1.8

Range Mark 39, Gunner 1919	44160	2.0	0
Range Mark 40, 1919	44150	-6.0	-2.0
Range Mark 45, 1919	44161	0	1.0
Range Mark 46, 1919	44149	3.0	-1.0
Lubec Narrows Lt.			
Mulholland Pt. Lt. 1910	44144	1.3	5.3
Range Mark 25, 1919	44143	1.0	1.1
Range Mark 33, 1919	44145	-1.0	2.0
Range Mark 35, 1919	44147	4.7	1.0
Range Mark 36, 1919	44146	-1.0	1.0
Range Mark 24, 1919	44141	-1.4	1.1
Range Mark 21, 1919	43145	0	1.3
Range Mark 22, 1919	43144	0	1.0
Range Mark 31, 1919	43146	-1.5	2.0
Range Mark 20, 1919	971142	1.4	0
Range Mark 30, 1919	971145	1.0	-0.7
Eastport Standpipe, 1910	971143	2.9	-0.5
Range Mark 8, 1919	972141	0	-1.0
Dog Island Light, 1946	972151	-2.0	0
Range Mark 13, 1919	972142	4.0	-2.7
Range Mark 14, 1919	972143	1.0	1.8
Marks Pt. Lighthouse, Finial, 1909	67152	5.7	-3.3
Range Mark 1, 1919	976141	2.5	1.4
Minister Island, Tower, 1918	976143	0	1.5
Range Mark 3, 1919	973141	3.5	0.5
Leonardville Harbor Lt. House, 1918	41151	-1.6	-2.4
Range Mark 12, 1919	43142	0	1.2
Range Mark 15, 1919	43141	1.0	2.7
Range Mark 16, 1919	43143	1.5	2.0
Range Mark 47, 1919	44163	-4.1	6.5
Range Mark 48, 1919	44162	-3.6	-1.6
Mascabin Point Lighthouse, 1919	39151	-2.0	0.5
Range Mark 11, 1919	42141	-8.3	6.0

## Ratio Values

## MLW

83C(R) 0494-0499	Ratio 2.487
0503-0506	Ratio 2.496
9529-9534	Ratio 2.490
9537-9543	Ratio 2.489
9545-9549	Ratio 2.490
9556-9562	Ratio 2.490
9567-9570	Ratio 2.492
9580-9581	Ratio 2.494
9585-9587	Ratio 2.494
<del>0510-0513</del>	Ratio 1.508
<del>0517-0520</del>	Ratio 1.499
83B(R) 6842-6845	Ratio 1.482
6848-6850	Ratio 1.489
6855-6858	Ratio 1.491
83C(R) 0524-0528	Ratio 3.006

## Ratio Values

MHW

83C(R) 9592-9597	Ratio 2.500
9630-9633	Ratio 2.507
9604-9609	Ratio 2.507
9612-9618	Ratio 2.517
9623-9626	Ratio 2.510
83B(R) 6820-6825	Ratio 2.494
6803-6806	Ratio 2.490
6812-6816	Ratio 2.497
83B(R) 6773-6776	Ratio 1.496
6781-6784	Ratio 1.495
83B(R) 6756-6759	Ratio 2.996
6761-6763	Ratio 2.989
6768-6770	Ratio 3.006
6788-6790	Ratio 2.996

Ratio Values  
Bridging Strips

83C(C) 8969-8980	Ratio 2.542
8988-9002	Ratio 2.537
9048-9059	Ratio 2.523
9004-9009	Ratio 2.538
9066-9074	Ratio 2.541
9037-9045	Ratio 2.530

Compilation Photography

83C(C) 9264-9266	Ratio 3.030
9272-9278	Ratio 3.059
9292-9296	Ratio 3.046
9454-9457	Ratio 3.060
9089-9093	Ratio 3.050
9096-9100	Ratio 3.048
9112-9116	Ratio 3.021
9125-9129	Ratio 3.050

## AEROTRIANGULATION SKETCH

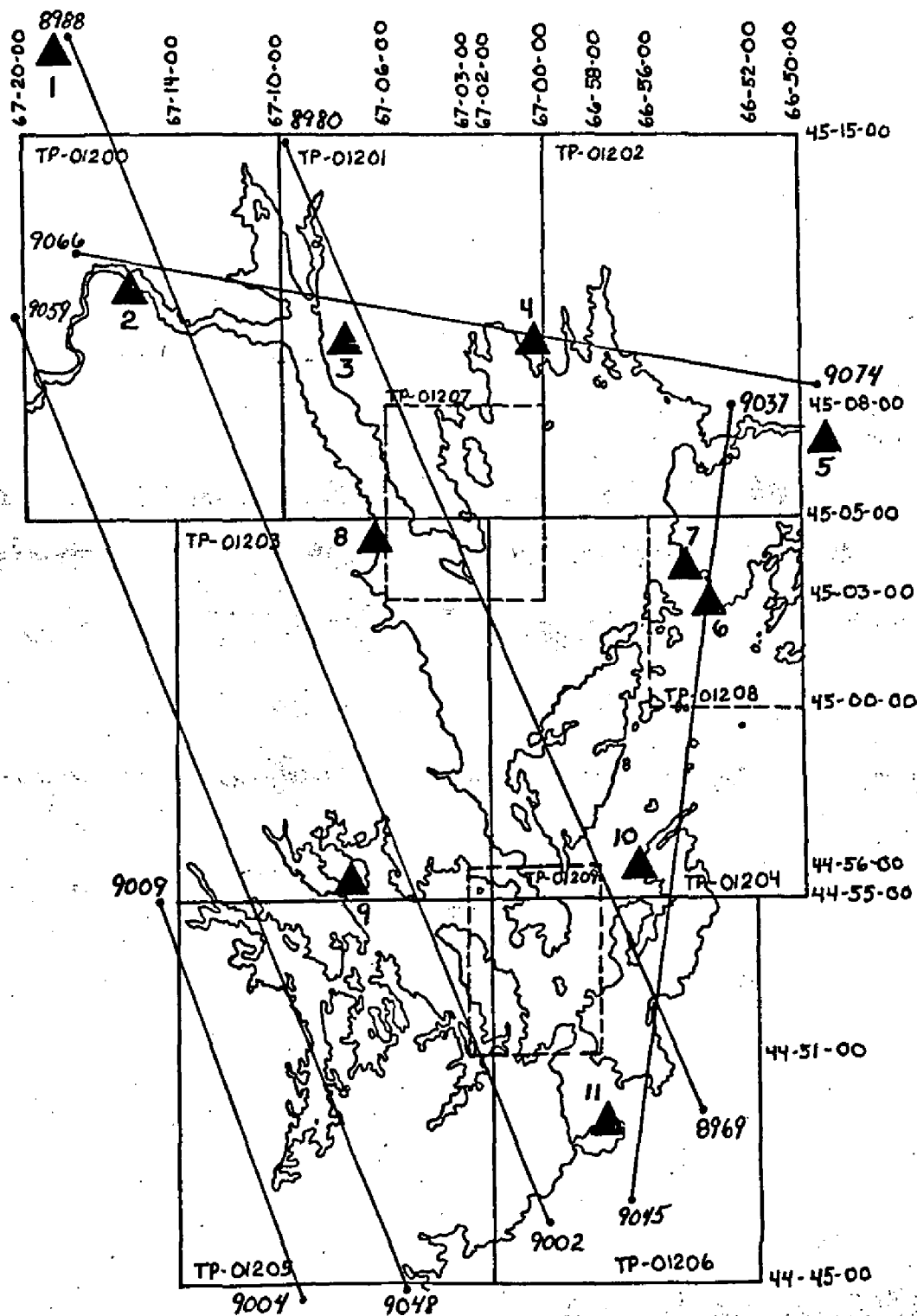
PASSAMAQUODDY BAY

MAINE

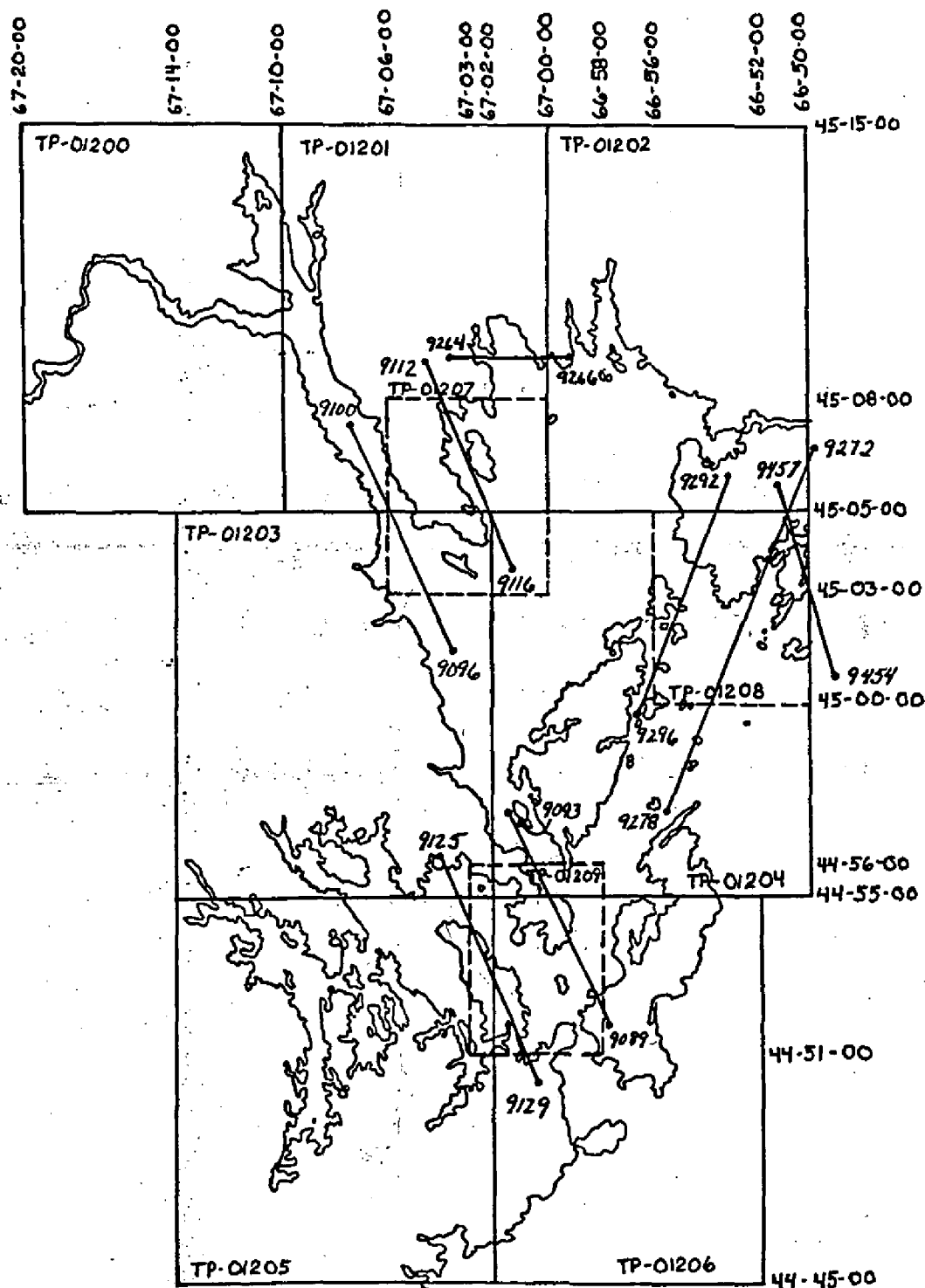
CM-8300

1:50000 BRIDGING PHOTOGRAPHS

83C (C)



AEROTRIANGULATION SKETCH  
 PASSAMAQUODDY BAY  
 MAINE  
 CM-8300  
 1:30000 COMPILATION PHOTOGRAPHS  
 83C(c)



# AEROTRIANGULATION SKETCH

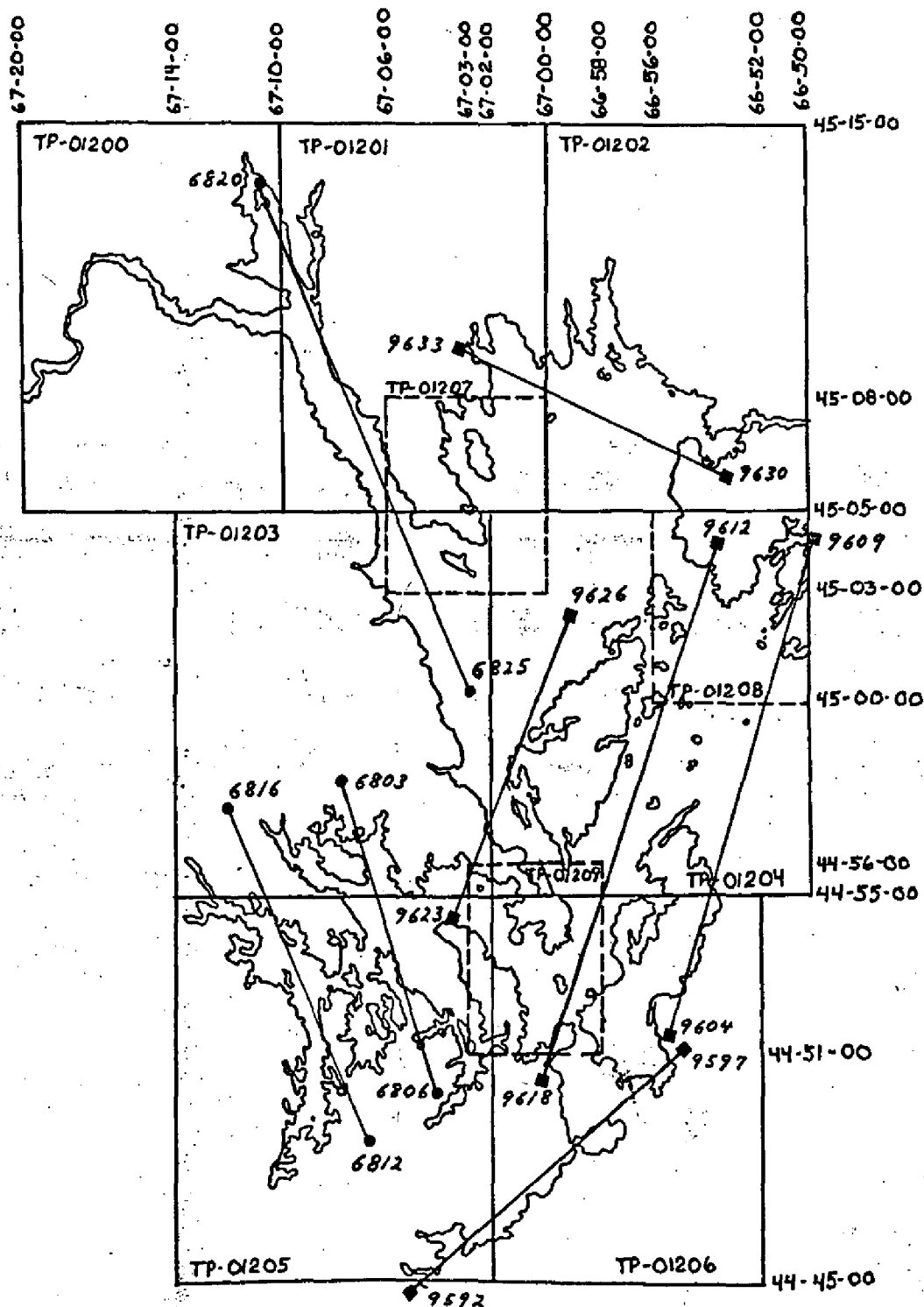
## PASSAMAQUODDY BAY

### MAINE

### CM-8300

1:50 000 B. &amp; W. INFRARED

MHW ■ 83C(R) • 83B(R)



## AEROTRIANGULATION SKETCH

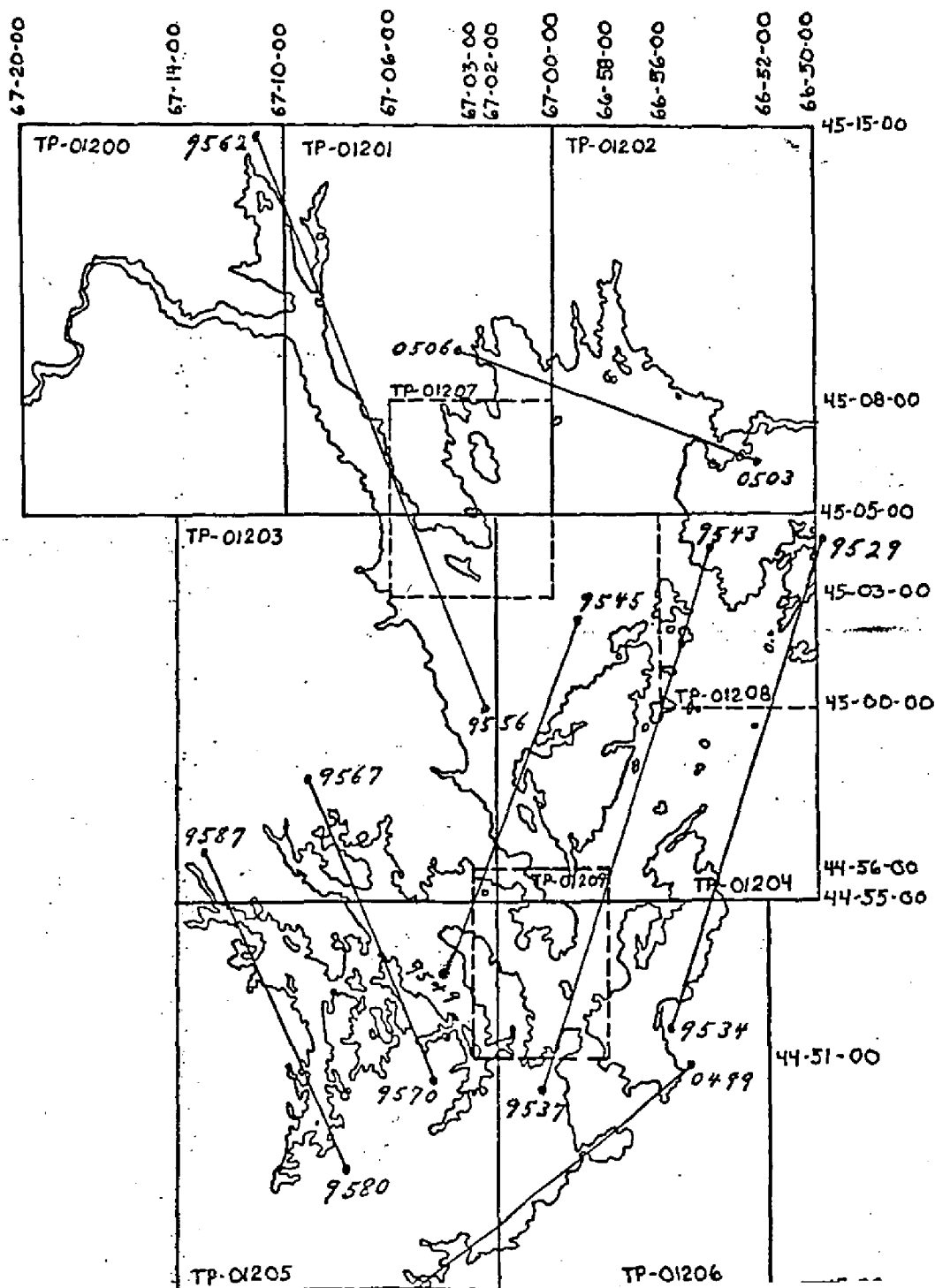
PASSAMAQUODDY BAY

MAINE

CM-8300

1:50 000 B. &amp; W. INFRARED

MLW 83 C (R)

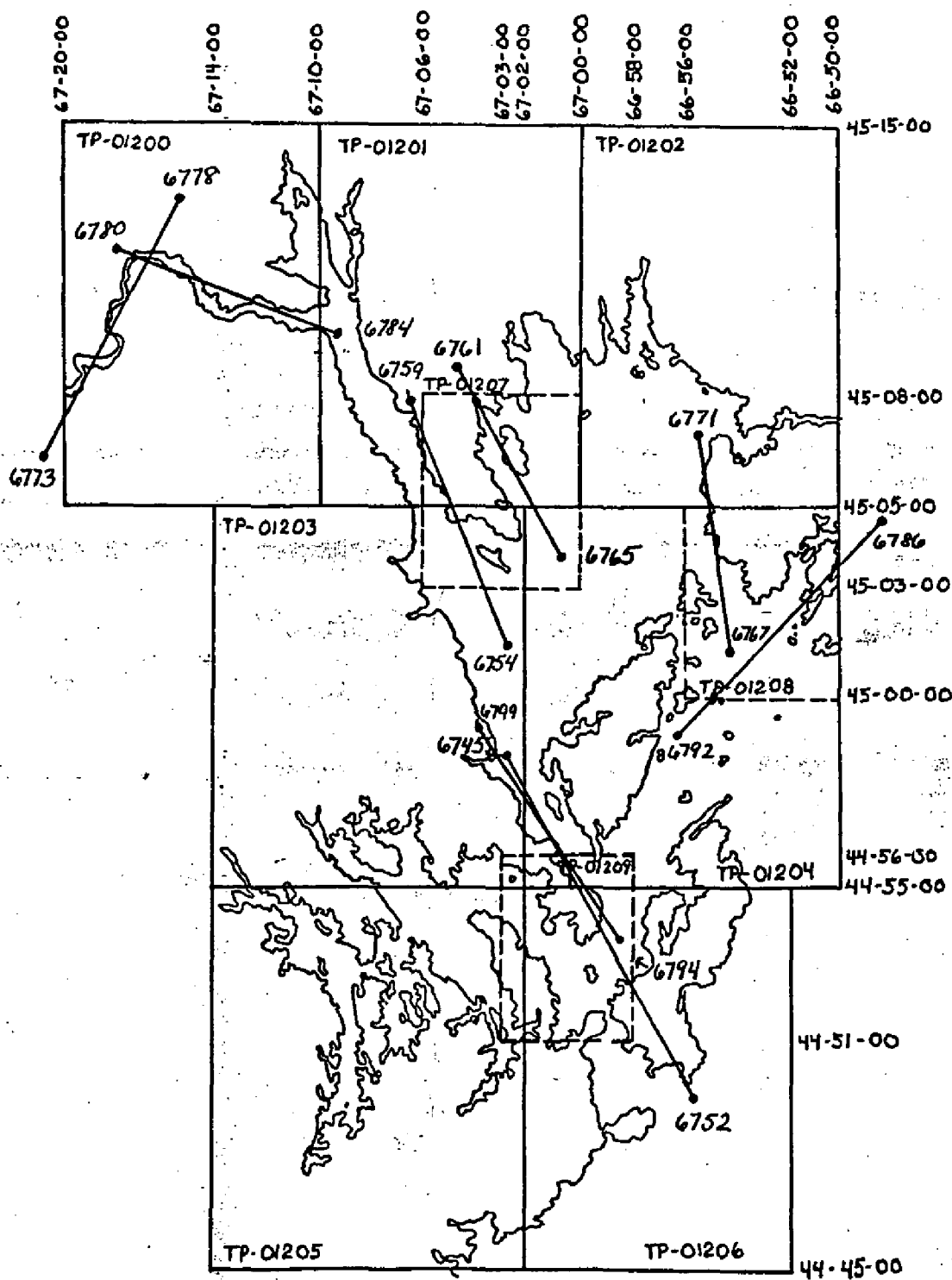


## AEROTRIANGULATION SKETCH

PASSAMAQUODDY BAY

MAINE

CM-8300

1:30000 BLACK AND WHITE INFRARED PHOTOGRAPHS  
MHW 83B (R)

# AEROTRIANGULATION SKETCH

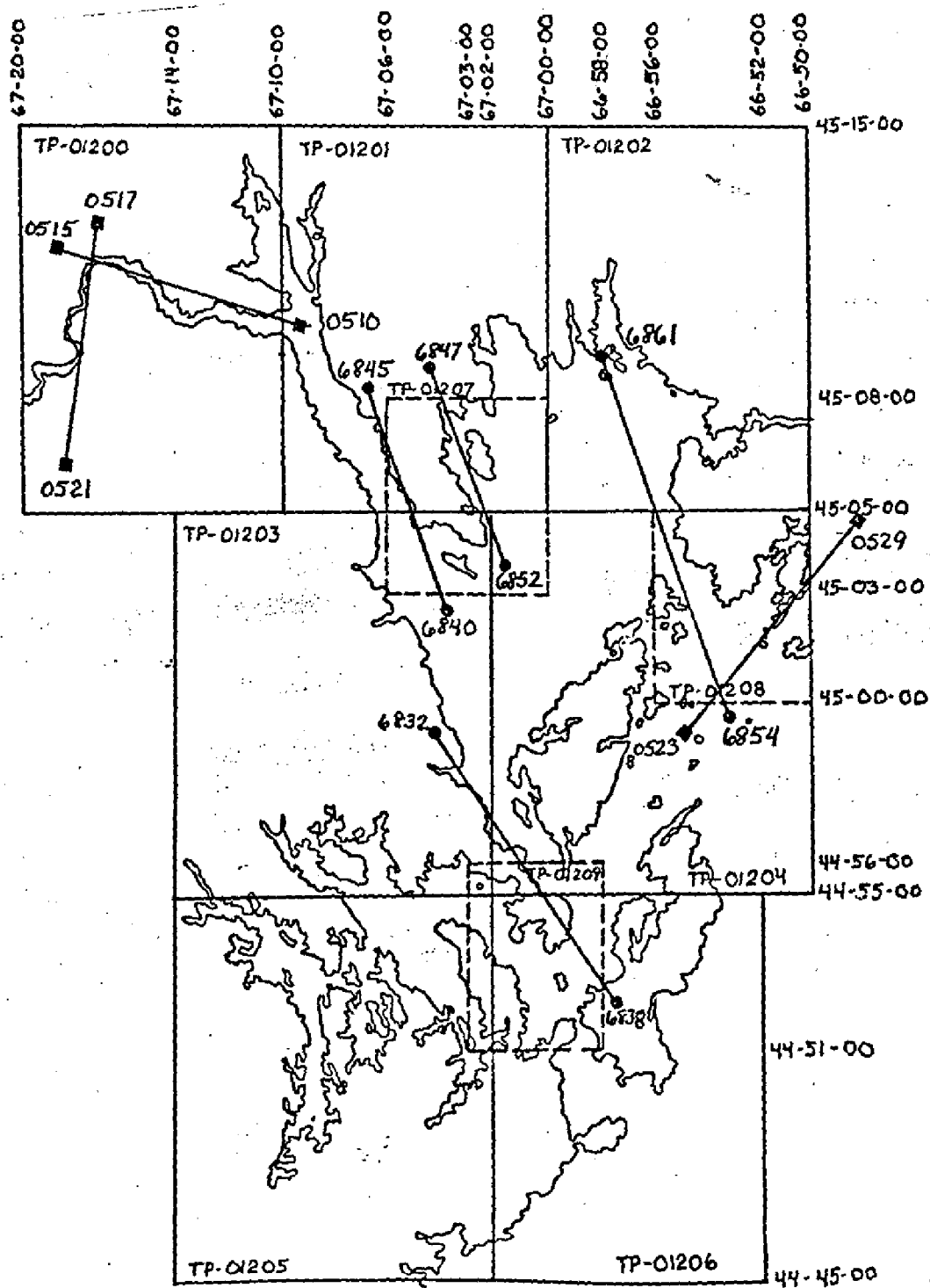
PASSAMAQUODDY BAY

MAINE

CM-8300

1:30000 BLACK AND WHITE INFRARED PHOTOGRAPHS

MLW • 83B(R) ■ 83C(R)



COMPILATION REPORT  
TP-01202

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 contact photographs were used to assist in interpretation of the shoreline. Tide coordinated MLW infrared ratio photos 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 the map are listed on form 76-36B. The photography was adequate.

A partial shoreline inspection was performed prior to compilation. Resulting information was used as an aid to office interpretation of the compilation photography.

32 - CONTROL

The horizontal control was adequate. Refer to the Photogram-metric Plot Report, dated August 1984.

33 - SUPPLEMENTAL DATA

A general comparison was made with the following Canadian Nautical Chart:  
4331, 27th edition, dated July 8, 1983, scale 1:40,640

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was compiled by office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The mean high water line was compiled from office interpretation of the compilation color photographs. The tide coordinated MHW infrared contact photographs were used to assist in interpretation. No MHW infrared ratio photographs were provided.

36 - OFFSHORE DETAILS

Offshore detail was compiled by instrument methods as described in item #31.

Both the 1:50,000 scale MHW and MLW infrared photographs were used to assist in interpretation.

TP-01202

37 - LANDMARKS AND AIDS

There are no landmarks or navigational aids within the limits of this manuscript.

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. and Canadian quadrangles:

St. George 21G/2; edition 3; scale 1:50,000; 1980

Fredericton, N.B., Can.; Maine, U.S.; 1957; NL 19-9; scale 1:250,000.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS chart:  
13328, 20th edition, dated September 15, 1984, scale 1:40,000.

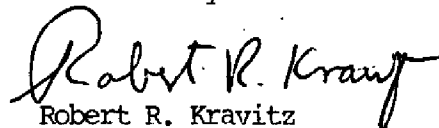
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

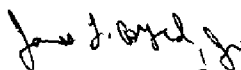
None.

Submitted by:



Robert R. Kravitz  
Cartographic Technician  
March 6, 1985

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8300 (Passamaquoddy Bay, Maine)

TP-01202

Addies Creek  
Bird Island  
Bocabec  
Bocabec Marsh  
Bocabec River  
Boom Cove  
Clark Point  
Dicks Island  
Digdeguash Basin  
Digdeguash River  
Glass Point  
Haleys Point  
Hardwood Island  
Hog Island  
Lelands Creek  
Long Island  
MacDougalls Island  
MacKenzies Bar  
Mascarene  
Midjic Bluff  
Mill Cove  
Orrs Point  
Oven Head  
Passamaquoddy Bay  
Sherard Beach  
Timber Cove  
Wheaton Lake  
Magaguadavic River *gkh*

Approved by:



Charles E. Harrington  
Chief Geographer  
Nautical Charting Division

REVIEW REPORT  
TP-01202  
SHORELINE

61 - GENERAL STATEMENT

Final review for this final Class III map was accomplished at the Atlantic Marine Center in May 1985. 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. and Canadian quadrangles:  
St. George, 21G/2; 3rd edition; scale 1:50,000, dated 1980  
Fredericton, N.B. Can.-Maine U.S.; NL 19-9; scale 1:250,000, dated 1957.

A comparison was made with the following Canadian Hydrographic Service chart:  
4331, 27th edition, dated July 8, 1983, scale 1:40,640.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Prior to final review, no contemporary hydrographic survey was accomplished in the area common to this map.

Hydrographic survey data was prepared and submitted for the anticipated Canadian hydrographic operations.

65 - COMPARISON WITH NAUTICAL CHARTS


A comparison was made with the following NOS chart:  
13328, 20th edition, dated September 15, 1984, scale 1:40,000.

66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

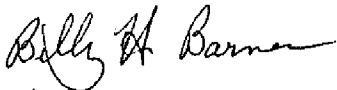
This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

TP-01202


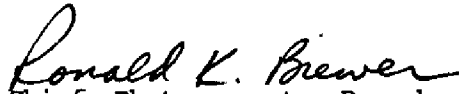
Submitted by

Jerry L. Hancock  
Final Reviewer

Approved for forwarding:

Billy H. Barnes  
Chief, Photogrammetric Section, AMC

Approved:

J.A. Murney  
Chief, Photogrammetric Section,  
RockvilleRonald K. Brewer  
Chief, Photogrammetry Branch,  
Rockville

### RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-01202 (CM-8300)

## 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]