

TP- 01107

TP- 01107

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

THIS MAP EDITION WILL NOT BE FIELD EDITED

Type of Survey Shoreline
Job No. CM-8101 Map No. TP-01107
Classification No. III Edition No. I
(Final)

LOCALITY

State Maine
General Locality Penobscot River
Locality Winterport

1982 TO 19

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED BY
QUALITY CONTROL OF PHOTOGRAMMETRY DIVISION
PRIOR TO REGISTRATION

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Rockville, Md.		SURVEY TP. <u>01107</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III</u> JOB <u>MM-CM-8101</u>	
OFFICER-IN-CHARGE Lawrence W. Fritz		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 - Feb. 2, 1983 Office (Part 1) - April 19, 1983		Field - Mar. 24, 1982	
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		4. GRID(S) STATE <u>Maine</u> ZONE <u>East</u>	
5. SCALE 1:10,000		STATE <u></u> ZONE <u></u>	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		S. Solbeck April 1983 S. Solbeck April 1983	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat 21 CHECKED BY		S. Solbeck April 1983 E. Allen May 1983	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:10,000 CONTOURS BY CHECKED BY		E. Allen May 1983 J. Schad May 1983 N/A N/A	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth Drafted CONTOURS BY CHECKED BY SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY		E. Allen May 1983 J. Schad May 1983 N/A N/A N/A N/A	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		N/A	
6. APPLICATION OF FIELD EDIT DATA BY		N/A	
7. COMPILATION SECTION REVIEW BY		N/A	
8. FINAL REVIEW BY		J. Schad Aug. 1983 R. Kelly April 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY			
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		E. DAUGHERTY NOV 1984	

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

COMPILATION SOURCES

TP-01107

1. COMPILATION PHOTOGRAPHY

CAMERA(S) RC 10-Z Focal length 153.15mm RC-10-C Focal length 88.47mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) <u>COLOR</u> (P) PANCHROMATIC (I) <u>INFRARED</u>		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Eastern	
				MERIDIAN	
				60th	
				<input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
82Z(C) 5756-5760			1:30,000		
82Z(C) 5790-5794			1:30,000		
82C(R) 4132-4137	7/14/82	1039	1:30,000	MLW +1.2 Bangor	
82C(R) 4141-4145	7/14/82	1050	1:30,000	MLW +0.6 Bangor	
82C(R) 4154-4155	7/14/82	1150	1:30,000	MLW +0.6 Bangor	
82C(R) 4074-4076	7/10/82	1420	1:30,000	MHW -1.1 Bangor	
82C(R) 4095-4100	7/10/82	1448	1:30,000	MHW -1.3 Bangor	
82C(R) 4079-4081	7/10/82	1430	1:30,000	MHW -1.0 Bangor	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the Mean High-Water line is the high water infrared photographs listed in item 1 above.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The source of the Mean Low-Water line is the low water infrared photographs listed in item 1 above.

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-01106	N/A	TP-01109	N/A

REMARKS

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

TP-01107

HISTORY OF FIELD OPERATIONS

TP-01107

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

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY Photo Party 62	Robert S. Tibbetts	5/82
2. HORIZONTAL CONTROL	Walbolt/Dunford/James	5/82
RECOVERED BY	" " "	5/82
ESTABLISHED BY	" " "	5/82
PRE-MARKED OR IDENTIFIED BY	" " "	5/82
3. VERTICAL CONTROL	N/A	
RECOVERED BY	N/A	
ESTABLISHED BY	N/A	
PRE-MARKED OR IDENTIFIED BY	N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	N/A	
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	
	<input 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		2. VERTICAL CONTROL IDENTIFIED	
N/A		N/A	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

N/A

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

N/A

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

N/A

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

NOAA forms 76-53(CSI Cards)

Three forms 277(Tide Staff Location Books)

Six NOAA forms 76-77(Leveling Record Books - Tide Station)

NOAA FORM 76-36C
(3-72)

RECORD OF SURVEY USE

TP-01107

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Final Review, Class III	Aug 1983	Final Class III Map No Field Edit Performed	May 1984	May 1984

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
Pages 1		May 18, 1984	Aids or landmarks for Charts 76-40 Form

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 Records indicated below will be forwarded to the Federal Records Center upon completion of the entire project.

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
CM-8101 PART I
TP-01107

This 1:10,000-scale final Class III shoreline map is one of four maps designated as Part I of CM-8101, Penobscot River and adjacent waterways; TP-01105 through TP-01107 and TP-01109.

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

This final Class III map portrays the shoreline of Penobscot River and adjacent waterways.

Field operations consisted of aerial photographs, installing/monitoring tide gages, recovery, establishment, and identification (premarking) of horizontal control necessary for aerotriangulation. There was no field inspection performed.

Natural color and tide-coordinated infrared photographs used to complete this segment of survey were taken in 1982. High altitude photographs were taken at 1:50,000 scale. Compilation photographs were taken at 1:30,000 scale. Black-and-white infrared tide-coordinated photographs were taken at 1:30,000 and 1:50,000 scales at mean high and mean low water.

Analytic aerotriangulation methods were used for bridging which was performed by the Aerotriangulation Unit, Rockville, Maryland.

Compilation was performed by the Coastal Mapping Unit, Rockville, Maryland.

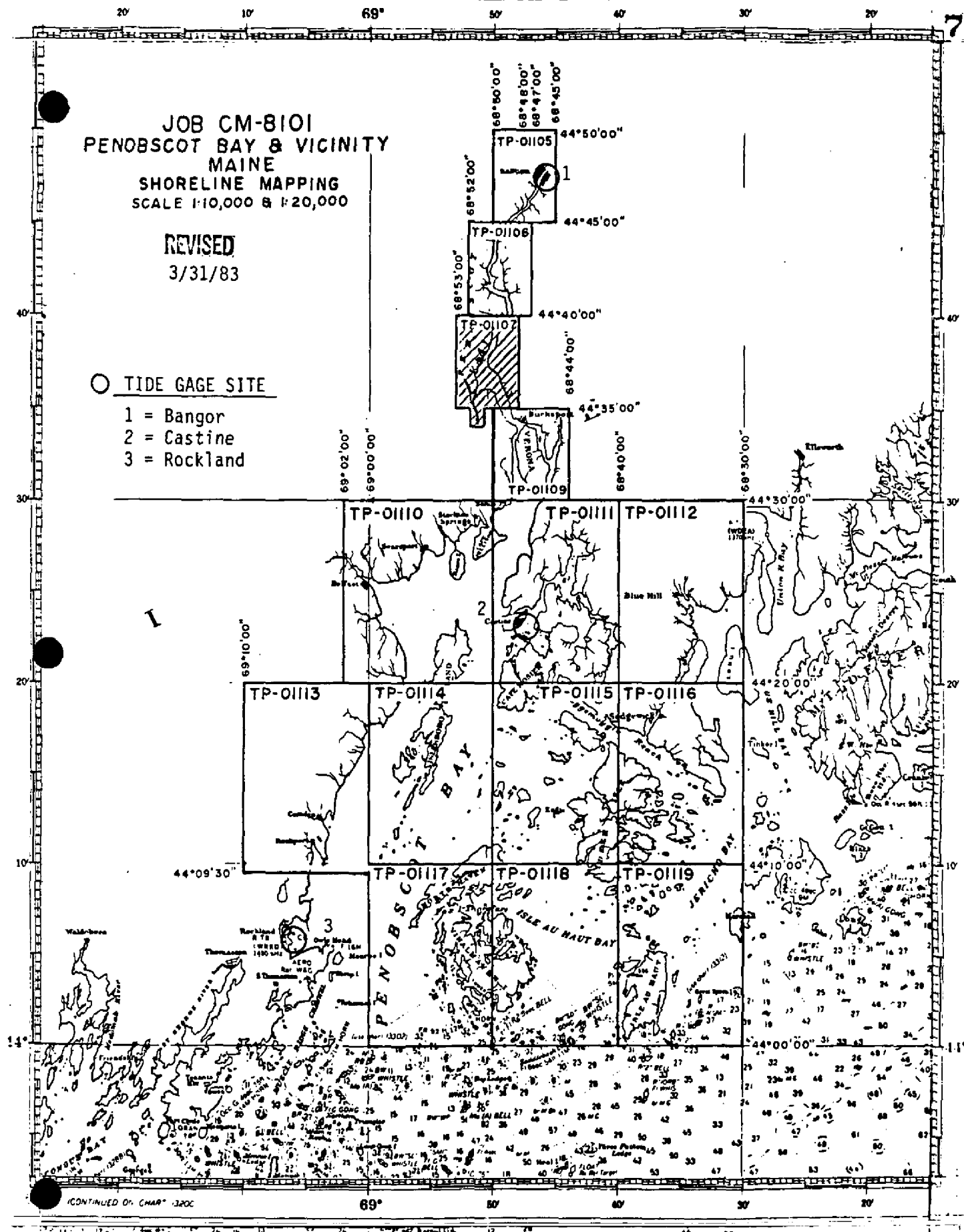
Final review was conducted by personnel of the Quality Control Unit, Rockville, Maryland.

FIELD INSPECTION
TP-01107

There was no field inspection prior to compilation. Field work accomplished was limited to the monitoring tide gages, taking of photographs, recovery, establishment and identification (premarking) of horizontal control necessary for aerotriangulation.

REVISED
3/31/83

1 = Bangor
2 = Castine
3 = Rockland



Photogrammetric Plot Report
CM-8101
Penobscot Bay and Vicinity, Maine
Part One

AREA COVERED

The area covered by this report is the shoreline bordering the Penobscot River, south to Rockport and the northwestern portion of Penobscot Bay. Four 1:10,000 scale manuscripts (TP-01105 through TP-01107 and TP-01109) and four 1:20,000 scale manuscripts (TP-01110, TP-01111, TP-01113, and TP-01114) cover this area.

METHOD

Five strips of 1:50,000 scale color photographs were bridged by standard analytic aerotriangulation methods. The horizontal control was premarked. Tie points were used to ensure the adequate junctioning between these strips. Once bridged, a block adjustment was used to provide the final ground positions for compilation of the 1:20,000 scale manuscripts and for controlling the 1:30,000 scale bridging photographs.

The 1:30,000 scale color photographs had a dual purpose; one, as the primary compilation source for the 1:10,000 scale manuscripts; secondly, to locate a series of premarked images to be used for future hydrographic surveys in the area.

1:50,000 scale and 1:30,000 scale black-and-white infrared photographs were ratioed to be used to supplement the compilation photographs. Ratio values have been determined.

The manuscripts were plotted on the Coradomat 21 using the Maine East Zone (Transverse Mercator).

ADEQUACY OF CONTROL

The control provided proved to be adequate for completion of this portion of the project. Tie points from the 1:50,000 scale bridging photographs to the 1:30,000 scale bridging photographs proved to be suitable control for the latter. Control meets the National Standards of Map Accuracy.

SUPPLEMENTAL DATA

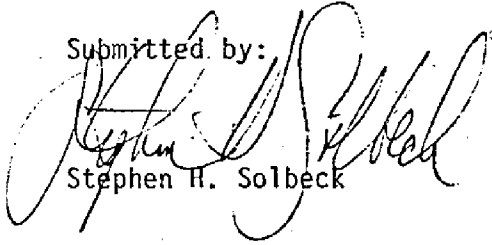
USGS quadrangles were used to provide vertical control for the strip and block adjustments.

Nautical Charts were used to locate aids and landmarks.

PHOTOGRAPHY

The coverage, overlap, and quality of the photographs proved to be adequate for completion of the project.

Submitted by:


Stephen H. Solbeck

Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Unit

CM-8101

Penobscot Bay, Maine

Fit to Control

1:50,000

Block Adjustment

<u>STATION NAME</u>		<u>VALUES IN FEET</u>	
		<u>X</u>	<u>Y</u>
Dyer (1861) Sub Point	729101 Δ	0	-.02
West Stockton White Church Spire	825100	+2.84	-1.14
Sub Point	825101 Δ	0	0
Sparks House Chimney Sub Point	827101 Δ	-.01	-.01
Rockland Breakwater Lighthouse	570100	+2.16	+1.67
Sub Point	570101 Δ	-.03	-.06
Mount Battle Memorial Observatory			
Sub Point	573101 Δ	0	0
Temperance	576100 Δ	0	0
Kittredge Rm 1	592101 Δ	0	0
Heron Neck Lighthouse Sub Point	724101 Δ	0	0
Castine Orthodox Church Spire	742100	+1.43	+1.69
Sub Point	742101 Δ	0	0
Blue Hill Lookout Tower	702100	-.47	-.26
Sub Point	702101 Δ	0	0
Stubbs Sub Point	587101 Δ	-.09	+1.04
Bangor Radio Station WLBZ			
Tallest Mast of 2	591141	+1.56	+2.54
Bangor Unitarian Church Spire	590144	+3.87	-.67
Bangor Tank, Flagpole	590143	+3.45	+2.27
Bangor Dow AFB Standpipe	590149	+3.30	+3.06
Bangor Radio Station WABI			
East Mast	590147	+1.06	+1.65
Bangor Radio Station WABI			
West Mast	590146	+3.98	+1.70

2

Orrington Church Spire	588141	+4.72	-.43
Winterport Church Clock Spire	586141	+.35	+3.84
Steel Ledge Monument Light			
(Steel Ledge Beacon)	579151	-5.57	+9.21
Stone Beacon	734151	-2.15	+6.15
Duck Trap Church Spire	576141	+.57	+6.40
Negro Island Lighthouse	573151	+5.52	-4.77
Camden White Brick Stack	573141	+3.71	+.32
Rockport School House Clock Tower	572141	+.82	-2.70
Rockport White Square Cupola	572142	+1.75	+2.06
The Graves Light	573152	-.50	-2.14
Indian Island Lighthouse	572144	-.72	-.57
North Haven Water Tower	727149	-1.51	+2.59
Odens Ledge Beacon	827151	-5.70	-1.70
Fort Pt. Ledge Beacon	731501	-.64	+.42
Coombs Pt. Water Tank	823141	-1.52	+1.94
Dice Head Lighthouse	823443	-3.08	-4.14
N.E. Pt. Light	573153	-1.79	-10.63
Bucksport Silver Standpipe	828142	-3.05	2.01
Bucksport E. Maine Conference			
Seminary Cupola	828139	-1.65	+.79
Hamden Congressional Church Spire	589141	+10.09	+2.89
Goose Rocks Lighthouse	727145	-8.28	-5.05

△ STATIONS HELD IN THE BLOCK ADJUSTMENT

Ratio Values
CM-8101
Penobscot Bay and Vicinity, Maine

1:50,000 Color Bridging Ratio Value

82C(C) 3562 and 3563	2.530
82C(C) 3572 thru 3581	2.533
82C(C) 3731 thru 3735 (odd)	2.546
82C(C) 3736 thru 3748 (even)	2.546
82C(C) 3703 thru 3705	2.532
82C(C) 3817 thru 3826	2.540

1:50,000 Black-and-White Infrared

82C(R) 3857 thru 3859	2.547
82C(R) 3865 thru 3876	2.543
82C(R) 3897 thru 3906	2.550
82C(R) 3914 thru 3923	2.549
82C(R) 3935 thru 3936	2.512
82C(R) 4237 thru 4239	2.598
82C(R) 4535 thru 4545	2.521
82C(R) 4552 thru 4562	2.524
82C(R) 4573 thru 4583	2.538
82C(R) 4585 thru 4586	2.531

Ratio Values
CM-8101
Penobscot Bay and Vicinity, Maine

1:30,000 Color Bridging	Ratio Value
82Z(C) 5737 thru 5742	3.008
82Z(C) 5747 thru 5752	3.009
82Z(C) 5755 thru 5761	3.000
82Z(C) 5790 thru 5796	3.007
82Z(C) 5829 thru 5833	2.900
82B(C) 7972 thru 7976	2.935

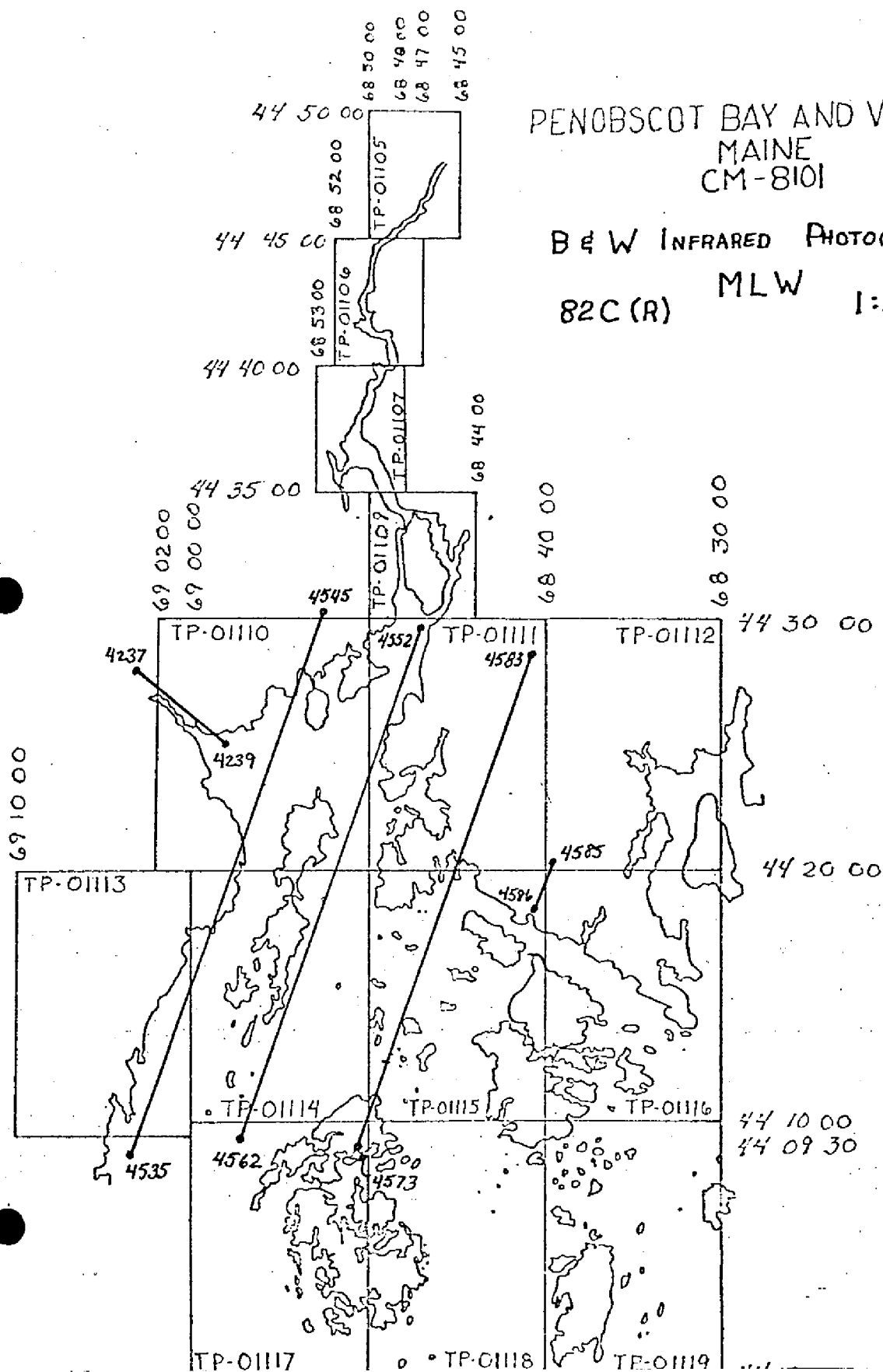
1:30,000 Black-and-White Infrared

82C(R) 4070 thru 4076	3.065
82C(R) 4079 thru 4083	3.033
82C(R) 4088 thru 4092	3.053
82C(R) 4096 thru 4100	3.050
82C(R) 4121 thru 4128	3.064
82C(R) 4132 thru 4137	3.009
82C(R) 4142 thru 4148	3.050
82C(R) 4151 thru 4157	3.022
82C(R) 4160 thru 4164	3.039
82C(R) 4496 thru 4504	3.102

PENOBSCOT BAY AND VICINITY
MAINE
CM-8101

B & W INFRARED PHOTOGRAPHY

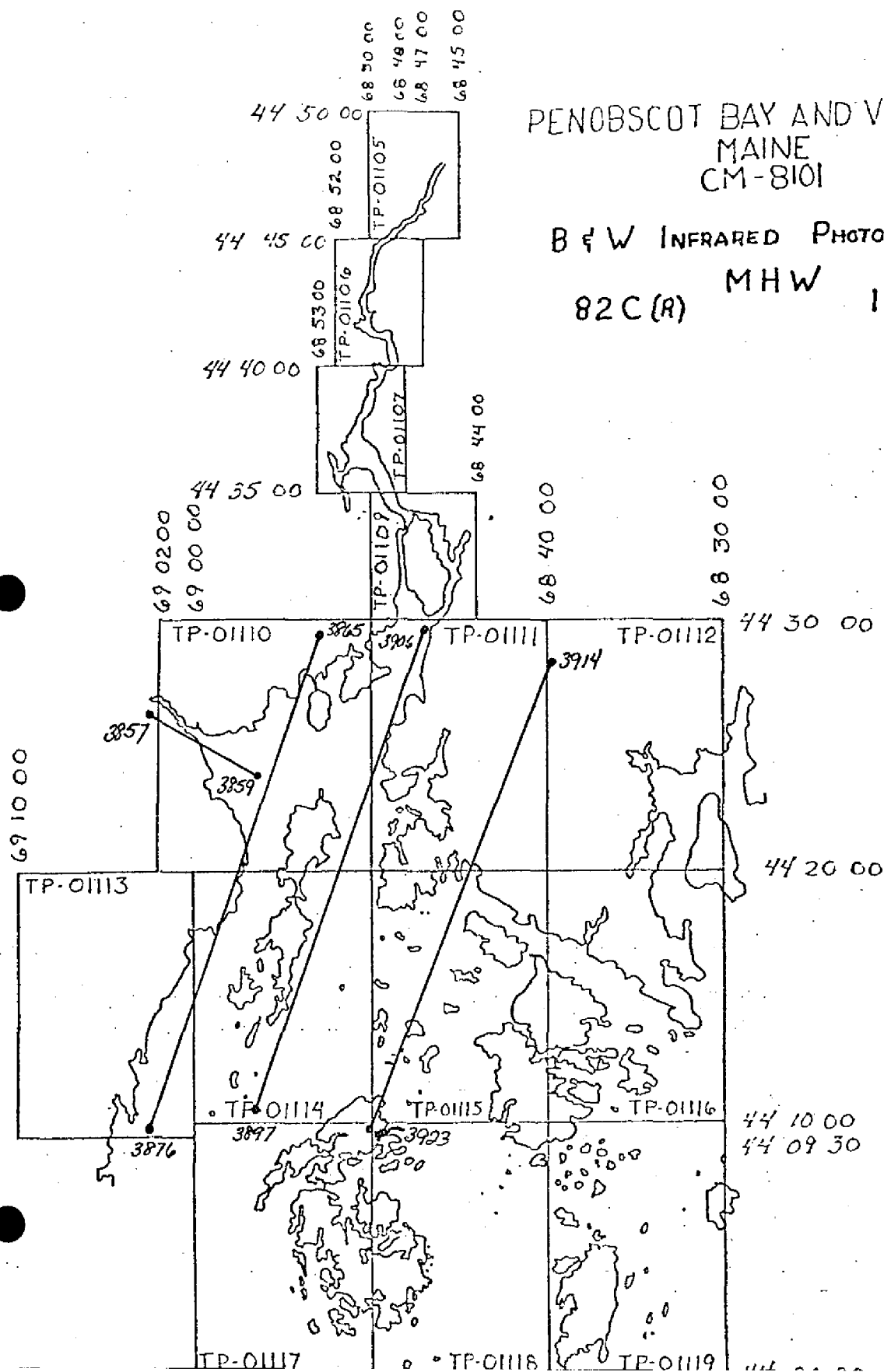
82C(R) MLW 1:50000

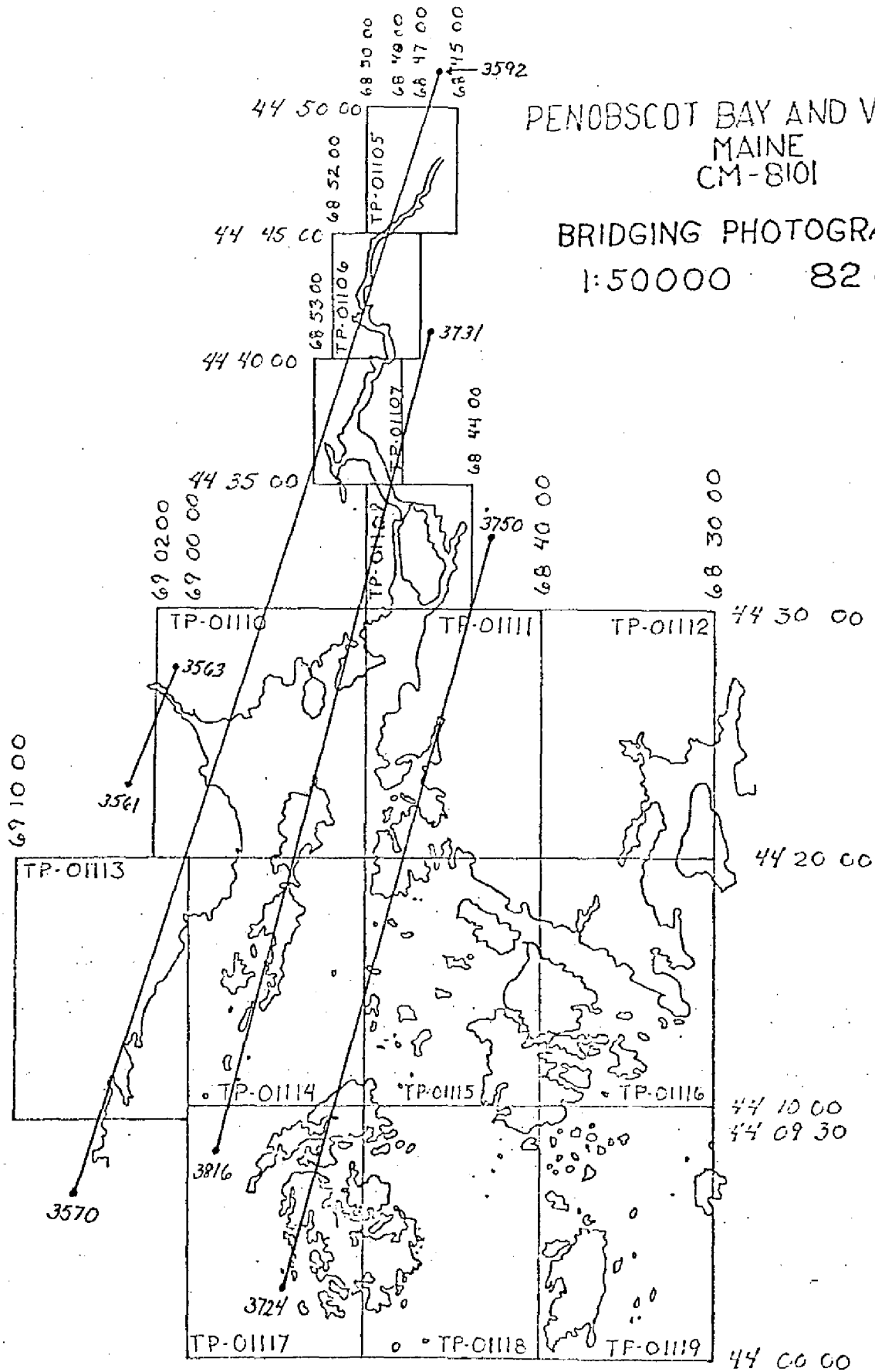


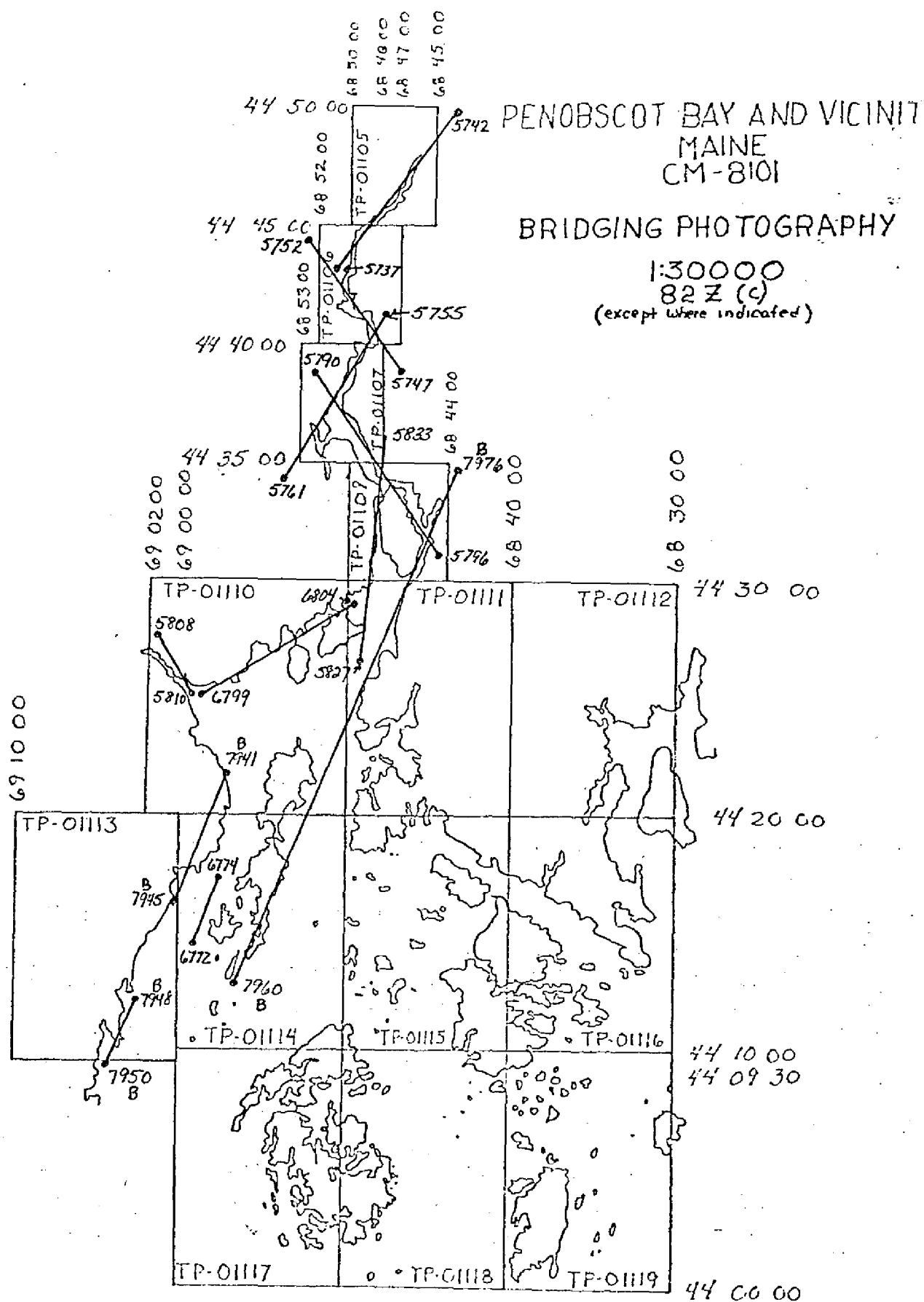
PENOBSCOT BAY AND VICINITY
MAINE
CM-8101

B & W INFRARED PHOTOGRAPHY

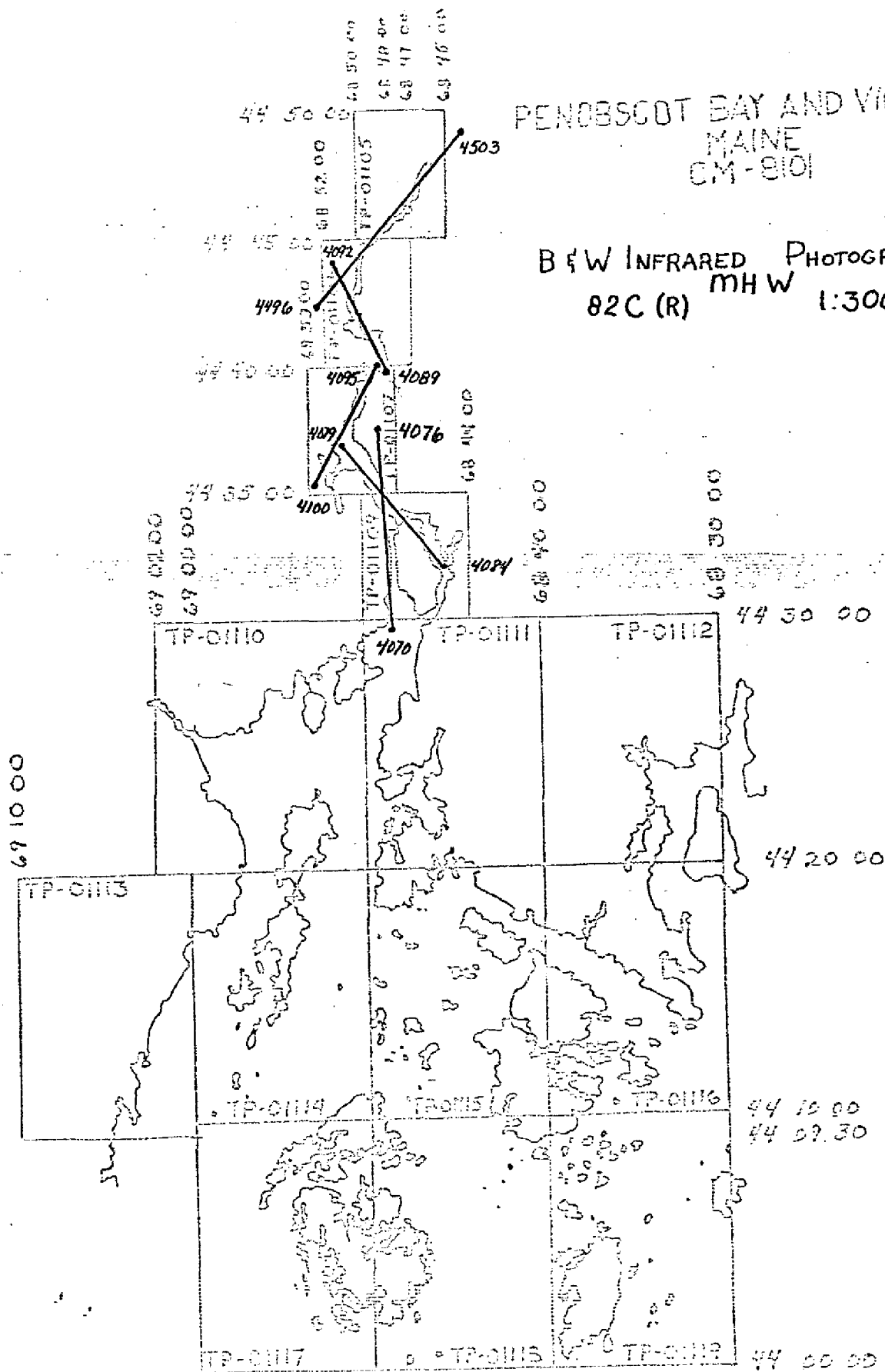
82C(R) MHW 1:50000

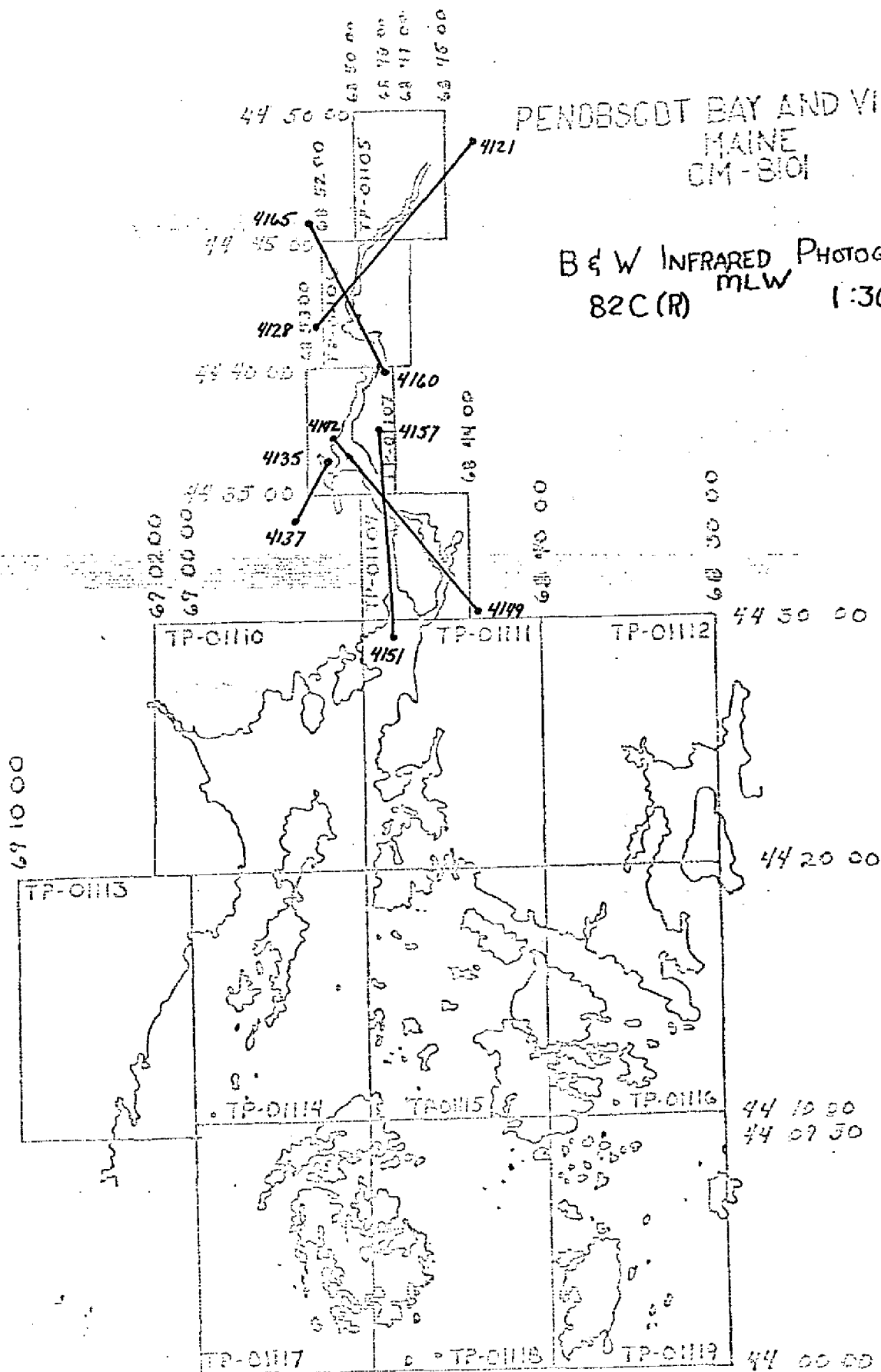






B & W INFRARED PHOTOGRAPHY
82C (R) MHW 1:30000.





Compilation Report

TP-01107
and
INSET

May 20, 1983

31. Delineation

The shoreline and interior planimetric features on this map were compiled using the Wild B-8 stereoplotter with 1:30,000 scale color photographs. The photographs were controlled by map points determined by the Aerotriangulation unit.

The mean low water line was compiled graphically from tide coordinated, ratio, black and white infrared photographs.

The mean high water line was taken from the compilation photographs and referenced to the tide coordinated, ratio, black and white infrared photographs for the final delineation. The infrared photos were controlled using compilation detail.

32. Control

Refer to the Aerotriangulation Plot Report for the adequacy of the horizontal control. U.S.G.S. quadrangle maps were used for vertical control in leveling models on the B-8 stereoplotter.

33. Supplemental Data -None

34. Contours and Drainage

Contours are not applicable. Drainage was compiled using the B-8 stereoplotter.

35. Shoreline and Alongshore Detail

The shoreline and alongshore detail was compiled by office interpretation of the photographs. The ledge form lines and low water symbols labeled "rocky" are alongshore feature areas covered with scattered rocks with the predominating rocks shown with the rock symbol.

36. Offshore Details - None

37. Landmarks and Aids

One landmark was identified in the Aerotriangulation unit and verified during compilation. There are no aids to navigation on this map.

38. Control For Future Surveys - None

39. Junctions

Junction was made to the North with TP-01106 and to the South with TP-01109. There were no contemporary surveys to the East or West.

40.-45. Inapplicable

46. Comparison With Existing Maps

Bucksport, Maine - 1955 - scale 1:62,500.

47. Comparison With Existing Charts

Nautical Chart no. 13309, 22nd edition, Feb. 20, 1982 - scale 1:40,000.

Submitted by,



Edward D. Allen

Approved and Forwarded:


for Chief, Coastal Mapping Section

REVIEW REPORT
TP-01107
SHORELINE SURVEY

61. GENERAL STATEMENT

A final review was performed for this shoreline map. No major discrepancies were encountered. Refer to summary bound with this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

None

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Refer to the Compilation Report, paragraph 46, bound with this Descriptive Report.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

None

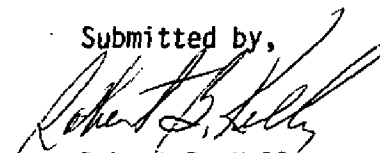
65. COMPARISON WITH NAUTICAL CHARTS

Refer to the Compilation Report, paragraph 47, bound with this Descriptive Report.

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,



Robert B. Kelly

Approved:

Chief, Photogrammetric Section
Rockville, Maryland

Chief, Photogrammetry Branch

May 2, 1984

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8101 (Penobscot Bay, Maine)

TP-01107

Bangor and Aroostook (RR)

Bowden Point

Bucksport Center

Chipmans

Collins Cove

Drachm Point

Frankfort

Frankfort Flats

Harriman Cove

Lawrence Cove

Luce Cove

Maine Central (RR)

Marsh River

*North Branch Marsh River

North Bucksport

Parker Point

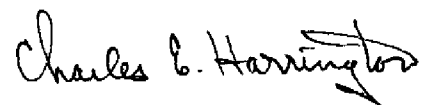
Penobscot River

*South Branch Marsh River

Treat Point

Winterport

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

* Use of entire name is optional -- Underlined portion can stand alone if Marsh River is labeled on the map.

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

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]