

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

<i>Map No.</i> TP-01175	<i>Edition No.</i> 1
<i>Job No.</i> CM-8205	
<i>Map Classification</i> CLASS III FINAL	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> NEW YORK, U.S.A. - ONTARIO, CANADA	
<i>General Locality</i> ST. LAWRENCE RIVER	
<i>Locality</i> OAK ISLAND	
1982 TO 19	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED SURVEY TP. <u>01175</u> MAP EDITION NO. <u>11</u> MAP CLASS <u>III FINAL</u> JOB XXX <u>CM-8205</u>					
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE A. Y. Bryson, CDR		LAST PRECEDING MAP EDITION TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED JOB <u>PH</u> MAP CLASS _____ SURVEY DATES: 19__ TO 19__					
I. INSTRUCTIONS DATED							
1. OFFICE		2. FIELD					
Aerotriangulation February 15, 1984 Office October 31, 1984		Control May 24, 1983					
II. DATUMS							
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN		OTHER (Specify)					
2. VERTICAL: ☐ MEAN HIGH-WATER ☐ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL		OTHER (Specify) International Great Lakes Datum (1955)					
3. MAP PROJECTION Transverse Mercator Projection		4. GRID(S) <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">STATE New York</td> <td style="width: 50%; border: none;">ZONE Control</td> </tr> <tr> <td style="border: none;">STATE</td> <td style="border: none;">ZONE</td> </tr> </table>		STATE New York	ZONE Control	STATE	ZONE
STATE New York	ZONE Control						
STATE	ZONE						
5. SCALE 1:20,000							
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS		NAME	DATE				
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		L. Harrod	July 1984				
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Calcomp 718</u> CHECKED BY		D. Norman	July 1984				
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		L. Harrod	July 1984				
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY		D. Norman	July 1984				
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: <u>Smooth drafted</u> CHECKED BY		R. Kravitz	Nov. 1984				
SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY CHECKED BY		W. McLemore	Nov. 1984				
5. OFFICE INSPECTION PRIOR TO XXXXXX FINAL REVIEW BY		N.A.					
6. APPLICATION OF FIELD EDIT DATA CHECKED BY		R. Kravitz	Nov. 1984				
7. COMPILATION SECTION REVIEW CLASS III BY		F. Mauldin	Dec. 1984				
8. FINAL REVIEW CLASS III BY		N.A.					
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		N.A.					
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		F. Mauldin	Dec. 1984				
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		L. O. Neterer, Jr.	Feb. 1985				
		J. Schad	March 1985				
		R. Kornspan	April 1985				

NOAA FORM 76-36B
(3-72)

TP-01175

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

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10 (B) (B=152.74mm)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY				ZONE Eastern	☒ STANDARD
				MERIDIAN 75th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF XXX RIVER LEVEL	
82 B(C) 9352 - 9354	Oct. 24, 1982	09:45	1:50,000	243.9 ft.	
82 B(C) 9441 - 9443	Oct. 24, 1982	11:50	1:50,000	243.9 ft.	

REMARKS Water levels at the time of photography are indicated as they were recorded from the Cape Vincent, New York gage.

2. SOURCE OF ~~MEAN HIGH WATER LINE~~ SHORELINE:

The term "Mean High Water Line" is not applicable. The shoreline is defined as the visible line of contact on the photographs between land and water. Delineation of the shoreline was derived by photo interpretation of the above listed color compilation/bridging photographs.

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

Not applicable.

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-01174	No survey	No survey	TP-01172 TP-01173

REMARKS

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD ~~INSPECTION~~ OPERATION (PHOTO-IDENTIFICATION) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	July 1983
2. HORIZONTAL CONTROL	RECOVERED BY R. Daniel	July 1983
	ESTABLISHED BY N.A.	
	PRE-MARKED OR IDENTIFIED BY R. Daniel	July 1983
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 R. Daniel	July 1983
	LOCATED (Field Methods) BY N.A.	
	IDENTIFIED BY N.A.	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	☐ COMPLETE BY	
	☐ SPECIFIC NAMES ONLY	
	☒ 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
Photo-identified

2. VERTICAL CONTROL IDENTIFIED
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
82B(C) 9442	REFERENCE MONUMENT 60 (IWC), 1960		

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 ☒ NONE

6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 Form 76-53 CSI Card
1 Form 76-86
2 Forms 76-19

3 Forms 76-52 (Covers entire project)
3 Forms 76-156 (Covers entire project)

TP-01175
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	December 1984	Class III manuscript		
No field edit was performed prior to Final Review		Class III map (Final)	march 1985	march 1985

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

PAGES XXXXXX	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
2		march 1985	Landmarks for charting
1		march 1985	Aids to Navigation for charting

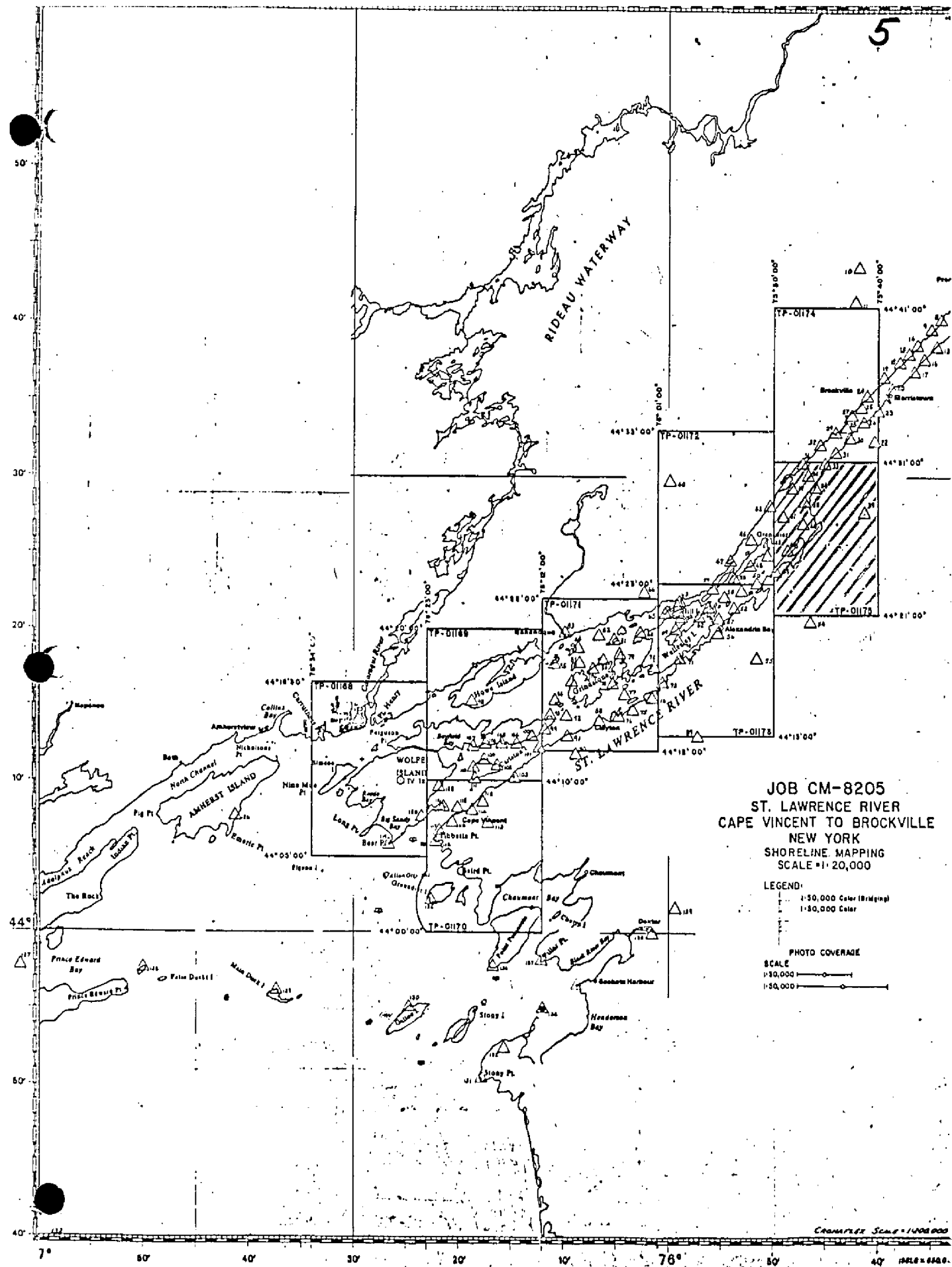
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

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 ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



JOB CM-8205
ST. LAWRENCE RIVER
CAPE VINCENT TO BROCKVILLE
NEW YORK
SHORELINE MAPPING
SCALE = 1:20,000

LEGEND:
1:50,000 Color (Bridging)
1:50,000 Color

PHOTO COVERAGE
SCALE
1:50,000
1:50,000

GRAPHIC SCALE = 1:100,000

(Lake Ontario)

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01175

This 1:20,000 scale shoreline map is one of eight maps of project CM-8205, St. Lawrence River, Cape Vincent to Brockville, New York.

This project encompasses both the Canadian and United States sides of the St. Lawrence River from Kingston, Ontario, Longitude $76^{\circ}34'00''$ east to Brockville, Ontario, Longitude $75^{\circ}40'00''$.

Photographic coverage was provided in October 1982 for aerotriangulation and compilation with the "B" camera (focal length 152.74mm) at 1:50,000 and 1:30,000 scales. The 1:30,000 scale photography was not provided.

Field work prior to compilation, accomplished in July 1983, involved the identification of horizontal control by photo-identification techniques to meet aerotriangulation requirements.

Analytic aerotriangulation was performed at the Washington Science Center in July 1984.

Compilation was performed at the Atlantic Marine Center from office interpretation of the 1982 color photography in October 1984.

No international boundary line was compiled on this map.

Final review was performed at the Atlantic Marine Center in February 1985. This map is to be registered as a Final Class III map.

This Descriptive Report is comprised of all information pertinent to the construction of this map.

The original base manuscript and all related data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

TP-01175

There was no complete field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project and a cursory shoreline inspection.

PHOTOGRAMMETRIC PLOT REPORT
CN-3205
ST. LAWRENCE RIVER, NEW YORK

JULY 23, 1984

21. AREA COVERED

The area covered by this report is in the vicinity of the St. Lawrence River from Cape Vincent eastward to Brockville, New York. It is covered by eight 1:20,000-scale manuscripts, TP-01168-TP-01175.

22. METHOD

Four strips of 1:50,000-scale photography were bridged by analytic aero-triangulation methods. Original negatives were used in lieu of film positives. Strip 50-4 was adjusted to ground on the New York State Plane Coordinate System, New York Central Zone, using our Analytic Strip Adjustment program. Strips 50-1, 50-2, and 50-3 were adjusted by means of the block adjustment method. Photoidentified horizontal control stations were provided. Aids and landmarks were located on bridging photographs. Ratio values were determined for the 1:50,000-scale bridging photographs. Ruling of manuscripts and plotting of points were done on the Calcomp 718 plotter.

23. ADEQUACY OF CONTROL

The horizontal control provided was adequate but sparse. Tie points were used to supplement photoidentified control. The project will meet National Standards of Map Accuracy. There seemed to be several discrepancies involving station names. It seems that some of the names differ slightly between our key index on our project diagram and the report from the I.B.C. (International Boundary Commission). We decided to key our Descriptive Report Control Record (Form 76-41) to the I.B.C. report No. 5.

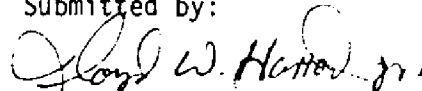
24. SUPPLEMENTAL DATA

Vertical control was taken from USGS quads.

25. PHOTOGRAPHY

The coverage and quality of the photographs proved adequate for the project.

Submitted by:



Lloyd W. Harrod, Jr.

Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Unit

ST. LAWRENCE RIVER, NEW YORK
CM-8205

FIT TO CONTROL - X AND Y IN FEET

BLOCK ADJUSTMENT - STRIPS 1, 2, AND 3

		<u>X</u>	<u>Y</u>
1	150 (IWC) (Morristown Point-U.S.L.S.) New York 1873		
	Sub Pt. 2 (438101)	-1.1	-0.1
	Sub Pt. 1 (438102)	1.2	1.8
	Bay State Shoal, Light New York, 1940		
	(442142)	0.6	-0.4
2	Reference Monument 60, New York 1911		
	Sub Pt. 1 (442101)	1.8	4.5
	Sub Pt. 2 (442102)	-0.6	3.4
	Bridge Island, Light Ontario 1940	(443151)	3.5
			-0.3
4	Shak Fr. Lt.	(385100)	-2.1
		(385101)	-1.7
			-5.7
			-7.2
5	Nine Mile Point Light	(457100)	-1.1
		(457101)	1.8
		(457102)	-3.9
			5.4
			5.1
			7.5
	Sister Island Light New York 1940	(354141)	2.4
			-3.1
	Sunken Rock Light U.S.L.S. New York 1933	(356155)	2.1
			-7.9
	Sunken Rock Shoal Light U.S.L.S.		
	New York 1933	(356154)	-8.1
			-6.8
3	X Sub New York 1940	Sub Pt. 1 (357101)	-1.0
		Sub Pt. 2 (357102)	-3.3
			-4.7
			-4.4
	Lindoe Island Light Ontario 1940	(357155)	-13.0
			7.2
	Clayton Municipal Standpipe, 1942	(360142)	-0.8
			-6.3
	Bartlett Point Light (U.S.L.S.)		
	New York 1933	(360151)	3.7
			-4.1
	Wolf Island Light, Ontario 1940	(361151)	-1.2
			-6.7
6	Tibbetts Point Lighthouse (U.S.L.S.)		
	New York 1872	(377100)	0.3
		(377101)	- .3
		(377102)	-1.0
			-4.8
			1.3
			-2.1

STRIP 4

Strip Adjustment

			<u>X</u>	<u>Y</u>
▲ 7	Marskell, 1983	Sub Pt. 2 (465101)	-0.6	-0.04
		Sub Pt. 1 (465102)	1.0	-0.7
▲ 8	Mort, 1983	Sub Pt. 1 (373101)	-0.9	0.6
		Sub Pt. 2 (373102)	-4.0	1.8
▲ 9	Dexter 2, 1946	Sub Pt. 1 (469101)	-0.2	1.3
		Sub Pt. 2 (469102)	0.2	-0.2
▲	Tie	(463801)	-0.4	0.3
	Tie	(463802)	-1.7	3.2
	Tie	(463803)	-2.5	2.1
▲	Stations held in the Strip Adjustments			

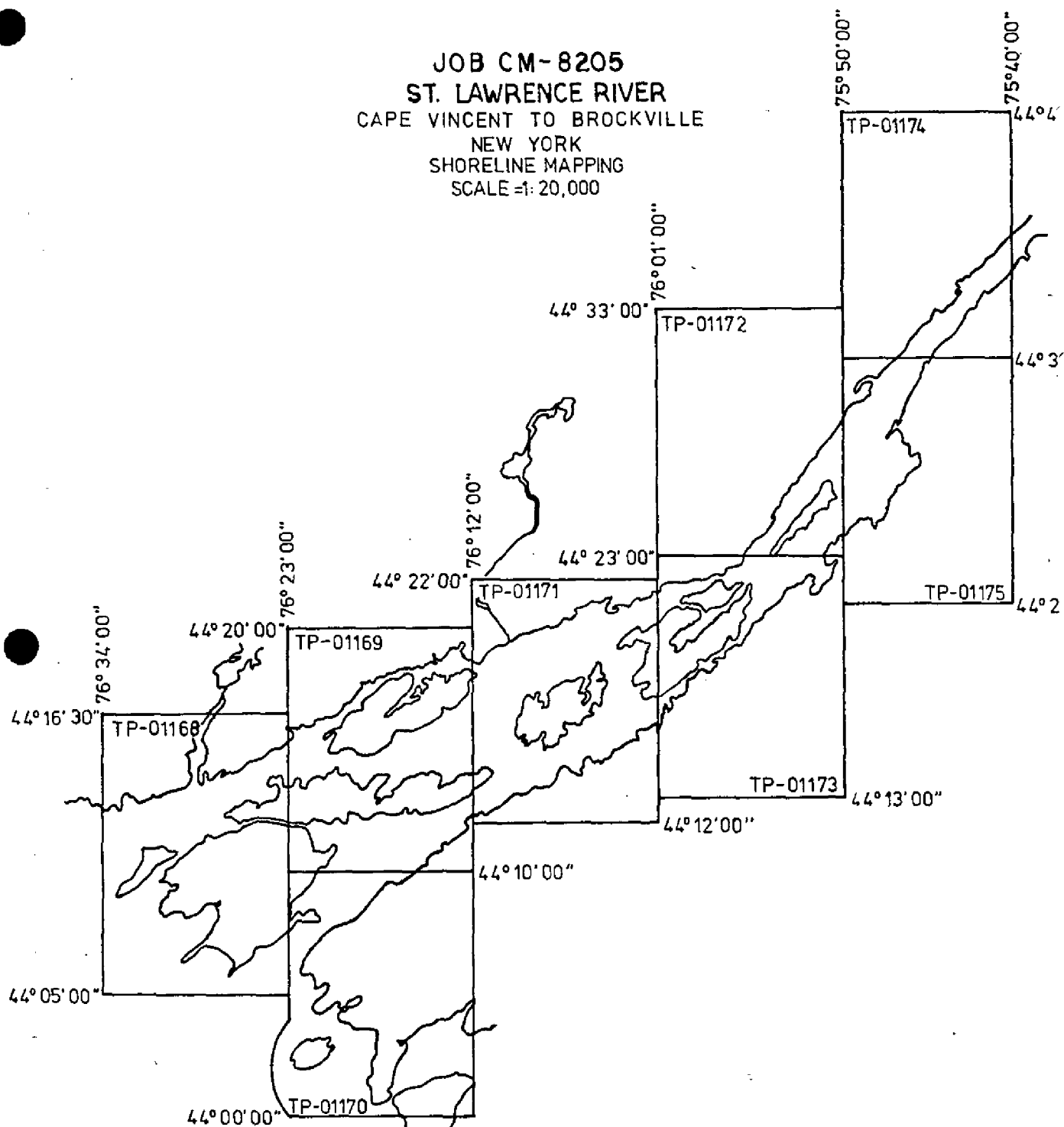
ST. LAWRENCE RIVER, NEW YORK
CM-8205

July 1984

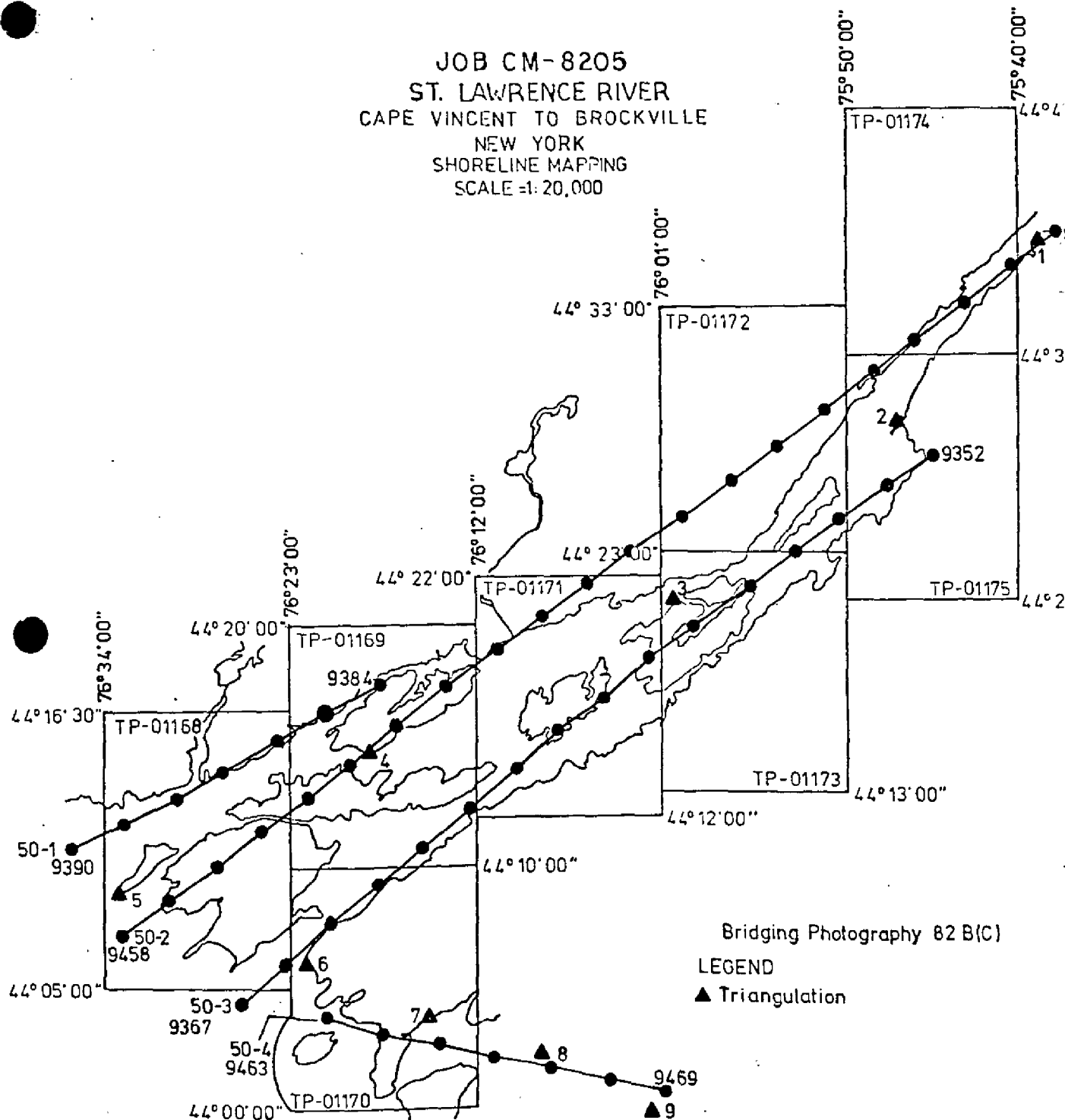
Ratio values for 1:50,000-scale color bridging photography.

82-B(C) 9438-9458	X2.51
9352-9367	X2.51
9384-9390	X2.52
9463-9469	X2.52

JOB CM-8205
ST. LAWRENCE RIVER
CAPE VINCENT TO BROCKVILLE
NEW YORK
SHORELINE MAPPING
SCALE = 1: 20,000



JOB CM-8205
ST. LAWRENCE RIVER
CAPE VINCENT TO BROCKVILLE
NEW YORK
SHORELINE MAPPING
SCALE = 1: 20,000



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-01175		JOB NO. CM-8205		GEODETTIC DATUM N.A. 1927		ORIGINATING ACTIVITY Coastal Mapping Unit, Atlantic Marine Center, Norfolk, VA	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET STATE New York ZONE Central		GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE		REMARKS
BAY STATE SHOAL LIGHT, (IBC), 1940	IBC Pos. 228	35	x=		φ 44° 30' 16.805"		
			y=		λ 75° 46' 29.989"		
CROSSOVER ISLAND LIGHT, (IBC), 1940	IBC Pos. 228	35A	x=		φ 44° 25' 48.872"		
			y=		λ 75° 46' 42.939"		
REFERENCE MONUMENT 60 (IWC), 1911	IBC Pos. 242	38	x=		φ 44° 28' 26.064"		
			y=		λ 75° 47' 58.969"		
BRIDGE ISLAND LIGHT (IBC), 1940	IBC Pos. 228	443151	x=		φ 44° 28' 01.683"		
			y=		λ 75° 49' 58.682"		
			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. Kravitz		09/17/84	LISTING CHECKED BY F. Mauldin				DATE 12/4/84
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY				DATE

COMPILATION REPORT

TP-01175

31 - DELINEATION

Stereo instrument compilation methods were used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:50,000 scale bridging/compilation color photographs. All photographs used to compile this map are listed on form 76-36B. The compilation photography was adequate.

32 - CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report dated July 23, 1984.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

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

35 - SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore details were compiled from office interpretation of the compilation color photographs. The shoreline compiled was the visible line of contact between land features and the water surface at the time of photography.

Based on the International Great Lakes Datum (1955), the water level taken at Cape Vincent, New York gage was 243.9 feet.

36 - OFFSHORE DETAILS

Offshore details were compiled by instrument methods as described in item #31. No unusual problems were encountered.

37 - LANDMARKS AND AIDS

Appropriate copies of the 76-40 forms are submitted with this report.

38 - CONTROL FOR FUTURE SURVEYS

None.

TP-01175

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 and Canadian Department of Energy, Mines and Resources Quadrangles: Lyn (31B/12c), U.S.-Canada, scale 1:25,000, dated 1976, edition 2; Mallorytown Landing (31B/5f), U.S.-Canada, scale 1:25,000, dated 1976, edition 2; Morristown, NY, scale 1:24,000, dated 1963; Hammond, NY, scale 1:24,000, dated 1961; and Chippewa Bay, NY, scale 1:24,000 dated 1958.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts and Canadian Hydrographic Service Charts: 14770, 13th edition, dated May 23, 1981, scale; 14765, 27th edition, dated March 27, 1982, scale 1:30,000; 14771, 13th edition, dated July 4, 1981, scale 1:15,000; 14800, 26th edition, dated May 12, 1984, scale 1:400,000; 14500, 23rd edition, dated July 17, 1982, scale 1:500,000; and 1418, scale 1:25,000, 42rd edition, dated October 19, 1984.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

Fay I Maulden
Robert R. Kravitz for
Cartographic Technician
November 19, 1984

Approved,

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

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8205 (St. Lawrence River, New York)

TP-01175 STM

Allens Point
Amateur Islands
Atlantis Island
Bagot Island
Big Island
Bilberry Island
Blind Bay
Bluff Island
Browns Bay
Brush Island
Cedar Island
Cedar Islands
Chippewa Bay
Chippewa Bay (locality)
Chippewa Creek
Chippewa Point
Chokecherry Island
Cordwood Island
Corn Island
Crooked Creek
Crossover Island
Crows Nest Island
Daney Point
Duck Cove
Eagle Wing Island
Elliott Point
Elm Tree Island
Garden Island
Grants Island
Grape Island
Green Island
Griswold Island
Gull Island

Halfway Island
Indian Chief Islands
Indian Point
Ingall Island
Iron Islands
Jones Creek
Jorstadt Island
Jug Island
Little Chippewa Point
Little Corn Islands
Little Hammond Point
Lone Tree Island
MacIlhennys Creek
Manzanita Island
Marsh Creek
Middle Island
Mink Island
New York
Oak Island
Oak Point
Oak Point (locality)
Oliver Island
Ontario
Owatonna Island
Patterson Point
Peach Island
Peel Island
Pine Tree Island
Preston Isle
Princess Island
Rabbit Island
Rabbit Island Group
Raleigh Island

GEOGRAPHIC NAMES

FINAL NAME SHEET

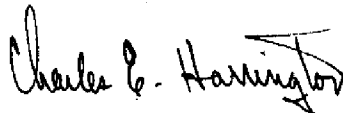
CM-8205 (St. Lawrence River, New York)

TP-01175

FTM

Renny Island
Robert Island
Robinson Island
Rob Roy Island
St. Lawrence River
St. Margarettes Island
Savage Island
Schermershorn Landing
Scow Island
Shambo Island
Sheephead Point
Sifton Point
Sister Island
Snakeoil Island
Snug Harbor Island
Sturgeon Point
Temagami Island
The Rock
Toothpick Island
Twilight Island
Watch Island
Whaleback Island
Whitney Point
Willy Island
Wyanoke Island

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

REVIEW REPORT TP-01175

SHORELINE

61. GENERAL STATEMENT

See Summary included with this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S. Geological Survey Quadrangles: Chippewa Bay, New York, dated 1958; Hammond, New York, dated 1961; and Morristown, New York, dated 1963; all three are 1:24,000 scale.

A comparison was made with the following Canadian Department of Energy, Mines and Resources Quadrangles: Brockville, 31B/12b, edition 2, Canada-United States; Lyn, 31B/12c, edition 2, Canada-United States; and Mallorytown Landing, 31B/5f, Canada-United States; all three are dated 1976 and are 1:25,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There are no contemporary hydrographic surveys within the limits of this map.

65. COMPARISON WITH NAUTICAL CHARTS

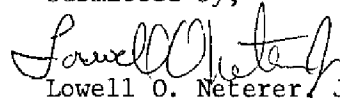
A comparison was made with the following NOS Charts: 14765, 27th edition, dated March 27, 1982, scale 1:30,000; 14770, 13th edition, dated May 23, 1981, 1:15,000; and 14771, 13th edition, dated July 4, 1981, scale 1:15,000.

A comparison was made with the following Canadian Hydrographic Service Chart: 1418, 42rd edition, dated October 19, 1984, scale 1:25,000.

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. Neferer, Jr.

Final Reviewer

February 11, 1985

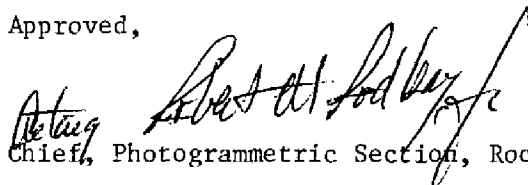
TP-01175

Approved for forwarding,

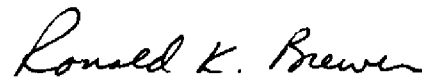


Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,



Chief, Photogrammetric Section, Rockville



Chief, Photogrammetry Branch,
Rockville

[illegible]

RESPONSIBLE PERSONNEL

TYPE OF ACTION	NAME	ORIGINATOR
OBJECTS INSPECTED FROM SEAWARD		☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED		FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	Robert R. Kravitz	OFFICE ACTIVITY REPRESENTATIVE ☐ REVIEWER ☐ 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 P - Photogrammetric
 L - Located Vis - Visually
 V - Verified
 1 - Triangulation 5 - Field identified
 2 - Traverse 6 - Theodolite
 3 - Intersection 7 - Planetable
 4 - Resection 8 - Sextant

A. Field positions* require entry of method of location and date of field work.

EXAMPLE: F-2-6-L
8-12-75

*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.

II. TRIANGULATION STATION RECOVERED

When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.

EXAMPLE: Triang. Rec.

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.

Replaces C&GS Form 567.

NONFLOATING AIDS OR MARKS FOR CHARTS

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

ORIGINATING ACTIVITY

☐ HYDROGRAPHIC PARTY
☐ GEODETIC PARTY
☐ PHOTO FIELD PARTY
☒ COMPILATION ACTIVITY
☐ FINAL REVIEWER
☐ QUALITY CONTROL & REVIEW GRP.
☐ COAST PILOT BRANCH

(See reverse for responsible personnel)

REPORTING UNIT
(Field Party, Ship or Office)
Coastal Mapping Unit

STATE
New York

LOCALITY
St. Lawrence River

DATE
11/84

OPR PROJECT NO.

JOB NUMBER
CM-8205

SURVEY NUMBER
TP-01175

DATUM
N.A. 1927

CHARTING NAME

DESCRIPTION
(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)

CHARTING NAME	DESCRIPTION	LATITUDE		LONGITUDE		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED
		° /	'	° /	'	OFFICE	FIELD	
LIGHT	* (Bridge Island Light, (IBC), 1940)	44	28	75	49	82B(C)9353 10-24-82		14765 14771
LIGHT	St. Lawrence Seaway Light 168	44	27	75	48	82B(C)9353 10-24-82		14765 14771
LIGHT	* St. Lawrence Seaway Light 165	44	27	75	47	82B(C)9442 10-24-82		14765 14771
LIGHT	* St. Lawrence Seaway Light 163	44	28	75	46	82B(C)9442 10-24-82		14765 14771
LIGHT	St. Lawrence Seaway Light 160	44	29	75	46	82B(C)9441 10-24-82		14765 14771
LIGHT	St. Lawrence Seaway Light 156	44	30	75	46	82B(C)9441 10-24-82		14765 14771
	*Aerotriangulation position.							
	#Aid not listed in U.S. Light List. Name taken from Canadian Light List.							

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	Robert R. Kravitz
☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify) FIELD ACTIVITY REPRESENTATIVE OFFICE ACTIVITY REPRESENTATIVE ☐ REVIEWER ☐ 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 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 *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 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.

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]