

NOAA FORM 76-35  
(6-80)

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

## DESCRIPTIVE REPORT

THIS MAP WILL NOT BE FIELD EDITED

<i>Map No.</i> TP-01172	<i>Edition No.</i> 1
<i>Job No.</i> CM-8205	
<i>Map Classification</i> CLASS III FINAL	
<i>Type of Survey</i> SHORELINE	
<b>LOCALITY</b>	
<i>State</i> NEW YORK, U.S.A. - ONTARIO, CANADA	
<i>General Locality</i> ST. LAWRENCE RIVER	
<i>Locality</i> GRENADIER ISLAND	
<div style="border: 1px solid black; padding: 5px; text-align: center;">19 82 TO 19</div>	
<b>REGISTERED IN ARCHIVES</b>	
<b>DATE</b>	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. <u>01172</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III Final</u> JOB <u>RM-CM-8205</u>	
DESCRIPTIVE REPORT - DATA RECORD				PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA			
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			
I. INSTRUCTIONS DATED				JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__			
1. OFFICE Aerotriangulation February 15, 1984 Compilation October 31, 1984				2. FIELD Control May 24, 1983			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify) International Great Lakes Datum (1955)			
3. MAP PROJECTION Traverse Mercator Projection				4. GRID(S) STATE New York ZONE Central			
5. SCALE 1:20,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY				L. Harrod, Jr.		July 1984	
2. CONTROL AND BRIDGE POINTS METHOD: Calcomp 718 PLOTTED BY				D. Norman		July 1984	
3. STEREOSCOPIC INSTRUMENT COMPILATION PLANIMETRY BY				L. Harrod, Jr.		July 1984	
INSTRUMENT: Wild B-8 CHECKED BY				D. Norman		July 1984	
SCALE: 1:20,000 CHECKED BY				R. Kravitz		Nov. 1984	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				W. McLemore, Jr.		Nov. 1984	
METHOD: Smooth drafted CHECKED BY				N.A.		N.A.	
SCALE: 1:20,000 HYDRO SUPPORT DATA BY				N.A.		N.A.	
5. OFFICE INSPECTION PRIOR TO <del>REVIEW</del> Final Review CHECKED BY				W. McLemore, Jr.		Dec. 1984	
6. APPLICATION OF FIELD EDIT DATA BY				N.A.		N.A.	
7. COMPILATION SECTION REVIEW Class III BY				W. McLemore, Jr.		Dec. 1984	
8. FINAL REVIEW Class III BY				L. O. Neterer, Jr.		Feb. 1985	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				L. O. Neterer, Jr.		Feb. 1985	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				J. Schod		March 1985	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R. Kornspan		April 1985	

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 10(B) (B=152.74 mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED 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	
82B(C) 9353-9356	Oct. 24, 1982	09:45	1:50,000	243.9 ft.	
82B(C) 9442-9443	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:

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
No Survey	TP-01175 TP-01174 (no detail)	TP-01173	No Survey

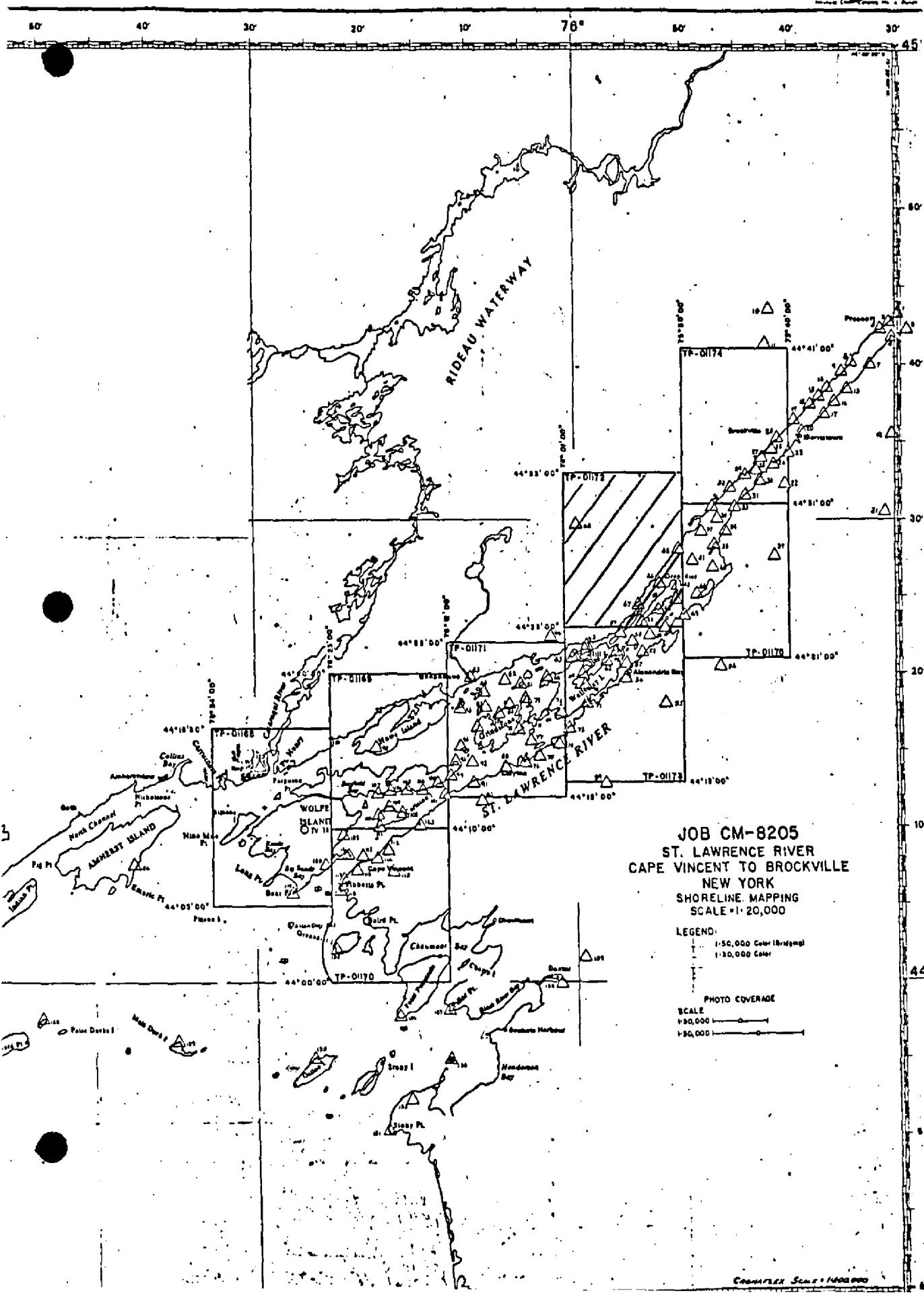
## REMARKS

TP-01172

# HISTORY OF FIELD OPERATIONS

(Photoidentification) I. <input checked="" type="checkbox"/> FIELD DISSECTION OPERATION <input type="checkbox"/> FIELD EDIT OPERATION				
OPERATION		NAME		DATE
1. CHIEF OF FIELD PARTY		R. Tibbetts		July 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 <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			2. VERTICAL CONTROL IDENTIFIED	
None			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: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE			6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS				
None				
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)				
3 NOAA Forms 76-52 3 NOAA Forms 76-156 Cover entire project				





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

LEGEND  
1:50,000 Color (Bridges)  
1:20,000 Color  
PHOTO COVERAGE  
SCALE  
1:20,000  
1:50,000

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-01172

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 side 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 January 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-01172

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-8205  
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.

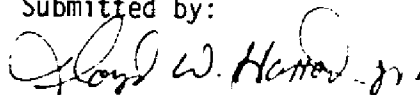
24. SUPPLEMENTAL DATA

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

//

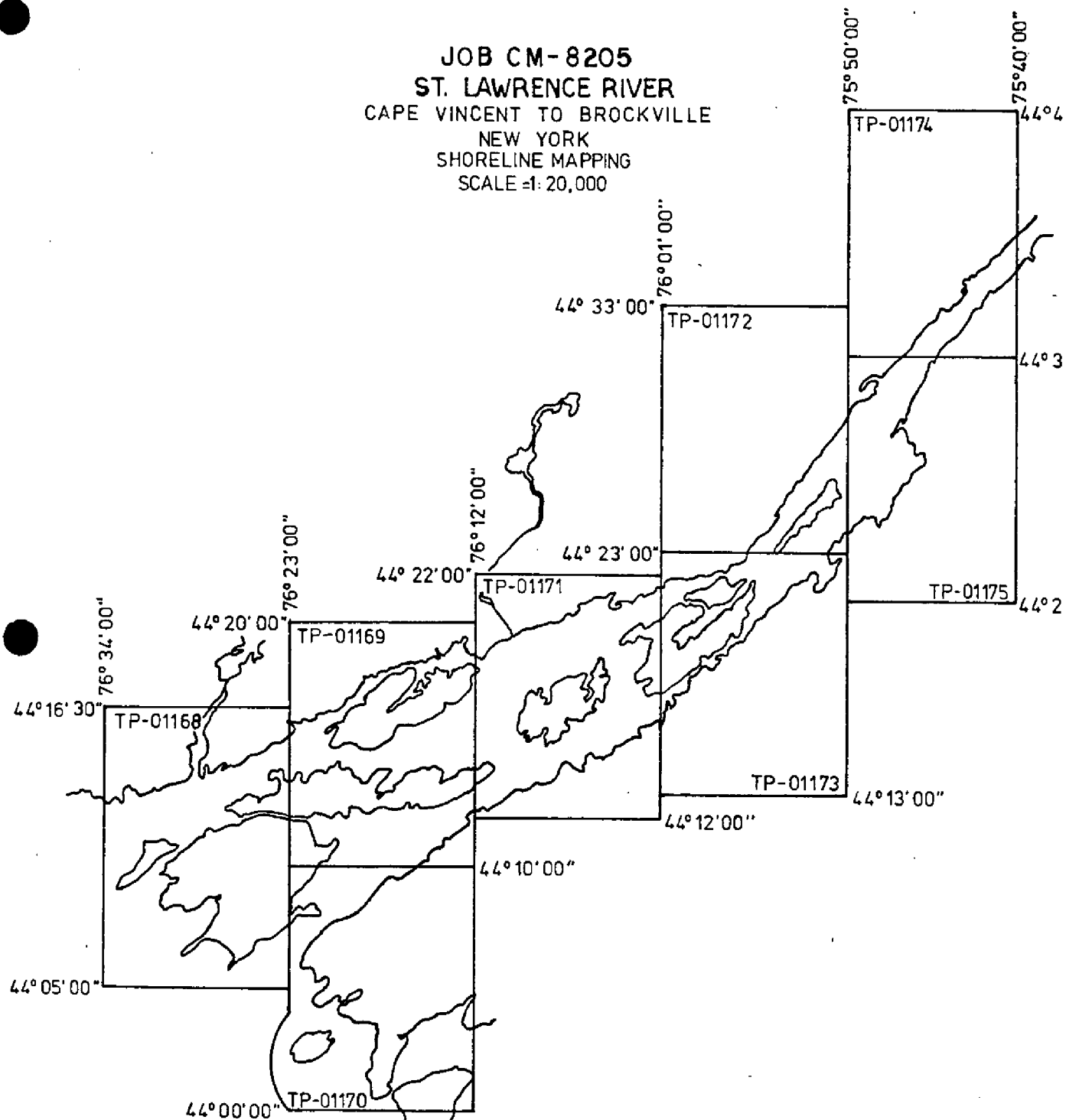
ST. LAWRENCE RIVER, NEW YORK  
CM-8205

July 1984

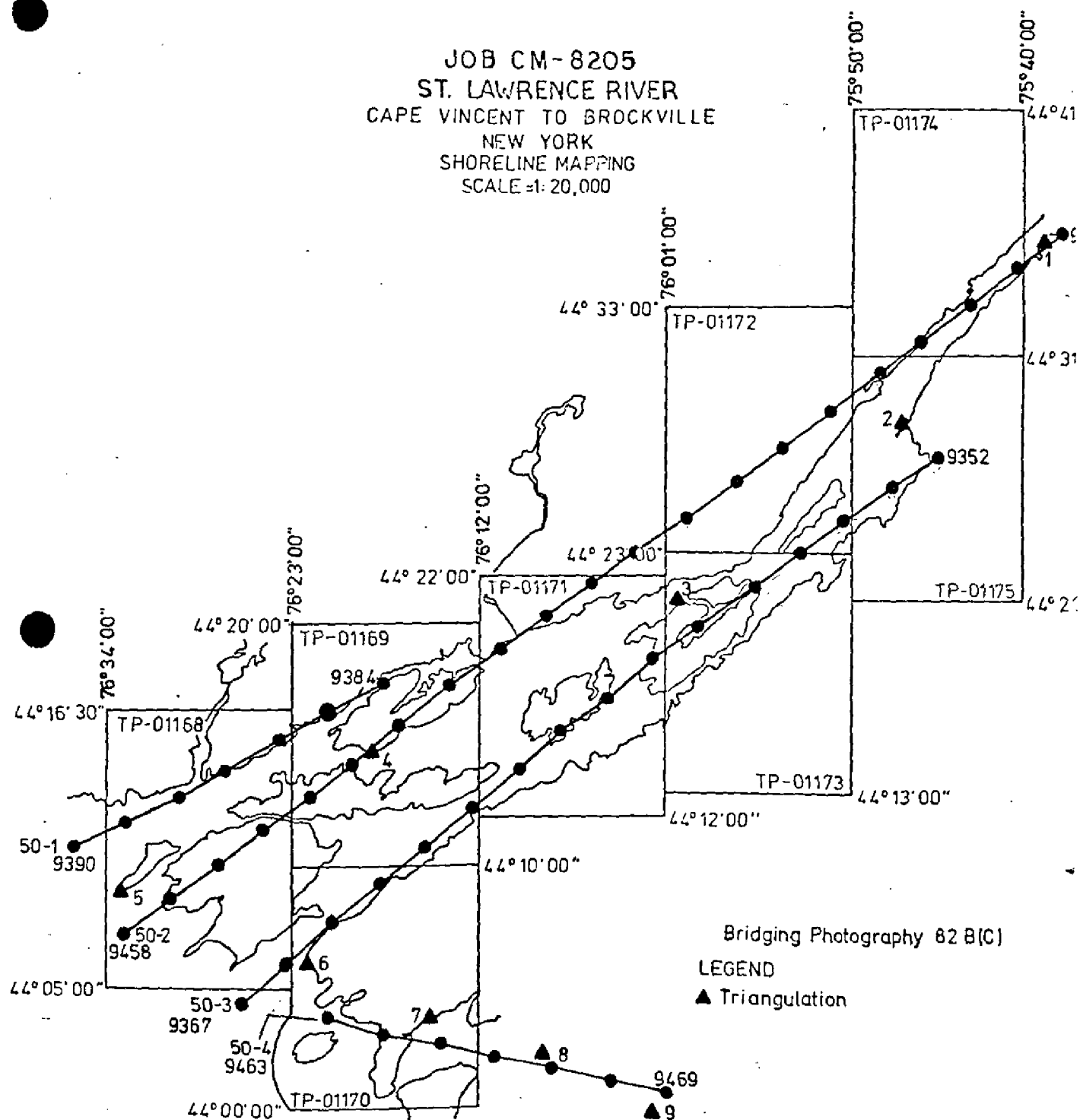
Ratio values for 1:50,000-scale color bridging photography.

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





## COMPILATION REPORT

TP-01172

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 NOAA Form 76-36B. The photography was adequate.

32 - CONTROL

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 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.

37 - LANDMARKS AND AIDS

Appropriate 76-40 forms are submitted with this report.

38 - CONTROL FOR FUTURE SURVEYS

None.

TP-01172

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, Item 5.

40 - HORIZONTAL AND VERTICAL ACCURACY

See Item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey Quadrangle and Canadian Department of Energy, Mines and Resources Quadrangles: Chippewa Bay, NY, dated 1958, scale 1:24,000; Escott, Canada-USA, dated 1976, scale 1:25,000; Mallorytown Landing, Canada-USA, dated 1976, scale 1:25,000; and Lyn, Canada-USA, dated 1976, scale 1:25,000.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts and Canadian Hydrographic Surveys Charts: 14765, 27th edition, dated March 27, 1982, scale 1:30,000; 14766, 27th edition, dated July 3, 1982, scale 1:30,000; 14771, 13th edition, dated July 4, 1982, scale 1:15,000; 14772, 13th edition, dated July 31, 1982, scale 1:15,000; 1418, 42nd edition, dated October 19, 1984, scale 1:25,000; and 1419, 42nd edition, dated October 19, 1984, scale 1:25,000.

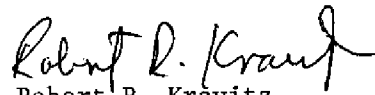
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

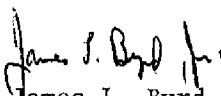
ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

  
Robert R. Kravitz  
Cartographic Technician  
November 13, 1984

Approved,

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

## GEOGRAPHIC NAMES

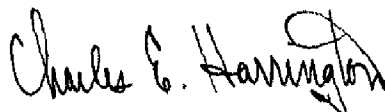
## FINAL NAME SHEET

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

TP-01172 FTM

Adelaide Island	Little Ironsides Islands
Bagot Island	Little Mud Creek
Berry Island	Lone Brother Island
Black Rock Island	Long Schooner Island
Bloomfield Island	Mallorytown Landing
Bobs Island	Marsh Island
Bridge Island	Miller Island
Broadbill Island	Mud Creek
Buck Island	Narrows (locality)
Buells Point	New York
Channel Island	O'Neil Island
Chichester Island	Ontario
Chimney Island	Pilot Island FTM
Clouds Rest Island	Pitch Pine Point FTM
Cook Island	Poole Island
Cook Point	Pooles Resort (locality)
Dromedary Island	Poverty Island
Duck Island	Rough Island
Fermans Point	Round Island
Fire Rock Island	St. Helena Island
Goose Island	St. Lawrence River
Grassy Point	Senecal Bay
Grenadier Island	Shanty Island
Grenadier Island (locality)	Sister Island
Harrowsmith Island	Slim Island
Hemlock Island	Snipe Island
Hooper Island	Squaw Island
Ice Island	Tar Island
Indian Island	Tar Island Narrows
Ironsides Island	Third Brother Island
Jeroy Island	Twin Islands
Johnny Buck Rock	Van Buren Island
LaRue Creek	Willoughby Island
LaRue Mills	Vansittar Point FTM
Lily Bay	
Little Grenadier Island	
Thompsons Bay FTM	

Approved by:



Charles E. Harrington  
Chief Geographer  
Nautical Charting Division

REVIEW REPORT TP-01172  
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 Surveys Quadrangle: Alexandria Bay, New York, dated 1958, photo-revised 1982, scale 1:24,000.

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

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

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

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts: 14765, dated March 27, 1982, 27th edition, scale 1:30,000; 14766, dated July 3, 1982, scale 1:30,000; 14771, dated July 4, 1982, scale 1:15,000; and 14772, dated July 31, 1982, 13th edition, scale 1:15,000.

A comparison was made with the following Canadian Hydrographic Service Charts: 1418 and 1419; both are dated October 19, 1984, 42nd edition, 1:25,000 scale.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by,

*Lowell O. Neterer, Jr.*

Lowell O. Neterer, Jr.

Final Reviewer

February 4, 1985

Approved for forwarding,

*Billy H. Barnes*

Billy H. Barnes  
Chief, Photogrammetric Section, AMC

Approved,

*Robert W. Ford*

Chief, Photogrammetric Section, Rockville

*Ronald K. Brewer*  
Chief, Photogrammetry Branch,  
Rockville



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
<p>INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'</p> <p>(Consult Photogrammetric Instructions No. 64.)</p>	
<p><b>OFFICE</b></p> <p><b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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</p>	<p><b>FIELD (Cont'd)</b></p> <p><b>B. Photogrammetric field positions** require</b> 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</p> <p><b>II. TRIANGULATION STATION RECOVERED</b> 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</p> <p><b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75</p> <p><b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent</b> entirely, or in part, upon control established by photogrammetric methods.</p>

Replaces C&amp;GS Form 567.

# NONFLEXING AND/OR LANDMARKS 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)*

<input checked="" type="checkbox"/> TO BE CHARTED	REPORTING UNIT	STATE	LOCALITY	DATE
<input type="checkbox"/> TO BE REVISED	Coastal Mapping Unit			
<input type="checkbox"/> TO BE DELETED	AMC, Norfolk, VA	New York	St. Lawrence River	11/84

The following objects HAVE ☐ HAVE NOT ☒ been inspected from seaward to determine their value as landmarks.

OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM
-----------------	------------	---------------	-------

[illegible]

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
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>ORIGINATOR</b></p> <p><input type="checkbox"/> PHOTO FIELD PARTY</p> <p><input type="checkbox"/> HYDROGRAPHIC PARTY</p> <p><input type="checkbox"/> GEODETIC PARTY</p> <p><input type="checkbox"/> OTHER (Specify)</p> <p>FIELD ACTIVITY REPRESENTATIVE</p> <p>OFFICE ACTIVITY REPRESENTATIVE</p> <p><input type="checkbox"/> REVIEWER</p> <p><input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE</p> </div> <div style="width: 50%;"> <p><b>INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'</b></p> <p>(Consult Photogrammetric Instructions No. 64.)</p> </div> </div>	
<p><b>OFFICE</b></p> <p><b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b></p> <p>Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object.</p> <p>EXAMPLE: 75E(C)6042 8-12-75</p>	<p><b>FIELD (Cont'd)</b></p> <p><b>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.</b></p> <p>EXAMPLE: P-8-V 8-12-75 74L(C)2982</p>
<p><b>FIELD</b></p> <p><b>I. NEW POSITION DETERMINED OR VERIFIED</b></p> <p>Enter the applicable data by symbols as follows:</p> <p>F - Field L - Located V - Verified</p> <p>1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection</p> <p>5 - Field Identified 6 - Theodolite 7 - Planetable 8 - Sextant</p> <p>A. Field positions* require entry of method of location and date of field work.</p> <p>EXAMPLE: F-2-6-L 8-12-75</p> <p><b>*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</b></p>	<p><b>II. TRIANGULATION STATION RECOVERED</b></p> <p>When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.</p> <p>EXAMPLE: Triang. Rec. 8-12-75</p> <p><b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b></p> <p>Enter 'V-Vis.' and date.</p> <p>EXAMPLE: V-Vis. 8-12-75</p> <p><b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b></p>

