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

THIS THE WILL NOT BE FIELD	
Map No.	Edition No.
TP-01172	11
Job No.	
CM-8205	
Map Classification	
CLASS III FINAL	المنظمة
Type of Survey	
SHORELINE	
LOCALITY	Y '
State	
NEW YORK, U.S.A ONTARIO, CA	MADA
General Locality	
ST, LAWRENCE RIVER	
Locality	
GRENADIER ISLAND	
•	
#*************************************	
19 82 TO 19	,
REGISTERED IN A	RCHIVES
DATE	

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY TP. 01172
ADMIN.	ORIGINAL	MAP EDITION NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	☐ RESURVEY	- ·
DESCRIPTIVE REPORT - DATA RECORD	1	MAP CLASSIII Final
PHOTOGRAMMETRIC OFFICE	REVISED	лов жи.<u>СМ−8205</u>
Coastal Mapping Unit	LAST PRECEED	NG MAP EDITION
Atlantic Marine Center, Norfolk, VA	TYPE OF SURVEY	JOB PH
OFFICER-IN-CHARGE	ORIGINAL RESURVEY	MAP CLASS —
A V Davis - CDD	RESURVEY REVISED	SURVEY DATES:
A. Y. Bryson, CDR	G	19TO 19
I. INSTRUCTIONS DATED		
1. OFFICE	2.	FIELD
Aerotriangulation February 15, 1984	Control	May 24, 1983
Compilation October 31, 1984		
II. DATUMS		
	OTHER (Specify)	
I. HORIZONTAL: X 1927 NORTH AMERICAN		
☐ MEAN HIGH-WATER	OTHER (Specify)	
2. VERTICAL:		
MEAN LOWER LOW-WATER MEAN SEA LEVEL	International Court	T-1 D / /2055)
3. MAP PROJECTION		Lakes Datum (1955)
	STATE	RID(S)
Traverse Mercator Projection	New York	Central
5. SCALE 1:20,000	STATE	ZONE
III. HISTORY OF OFFICE OPERATIONS		<u> </u>
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY	L. Harrod, Jr.	July 1984
METHOD: Analytic LANDMARKS AND AIDS BY	D. Norman	July 1984
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Calcomp 718	L. Harfod, Jr.	July 1984
STILL COLUMN TO THE COLUMN TO	D. Norman	July 1984
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY	R. Kravitz	Nov. 1984
INSTRUMENT: Wild B-8 CONTOURS BY	W. McLemore, Jr.	Nov. 1984
SCALE: 1:20,000 CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	R. Kravitz	Nov. 1984
CHECKED BY	W. McLemore, Jr.	Dec. 1984
метнор: Smooth drafted contours ву	N.A.	
CHECKED BY	N.A.	
scale: 1:20,000 CHECKED BY	N.A.	
5. OFFICE INSPECTION PRIOR TOX MIXXXXXX Final Review	W. McLemore, Jr.	Dec. 1984
6. APPLICATION OF FIELD EDIT DATA	N.A.	
CHECKED BY	N.A.	
7. COMPILATION SECTION REVIEW Class III BY 8. FINAL REVIEW Class III BY	W. McLemore, Jr.	Dec. 1984
8. FINAL REVIEW Class III BY 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	L. O. Neterer, Jr.	Feb. 1985
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	L. O. Neterer, Jr. J. Schad	العبرة المناب المسترات

the control of the co

NOAA FORM 76-36B				U. S. DEPARTME	NT OF COMMERCE
(3-72)		TP-01172	NATIONAL OCEAN	IIC AND ATMOSPHERIC	ADMINISTRATION AL OCEAN SURVEY
	COM	APILATION SOL	JRCES		
1. COMPILATION PHOTOGRAPH		 -			
CAMERA(S)		TYPES OF P	HOTOGRAPHY		
Wild R.C. 10(B) (B=1	L52.74 mm)		GEND	TIME REF	ERENCE
TIDE STAGE REFERENCE		(C) COLOR		ZONE	
PREDICTED TIDES REFERENCE STATION RECO	I DOG	(P) PANCHRO	MATIC	Eastern MERIDIAN	STANDARD
TIDE CONTROLLED PHOTOG		(I) INFRARE	>	75th	DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE O	F TIDE
82B (C) 9353-9356	Oct.24,1982		1:50,000	243.9 ft.	
82B (C) 9442-9443	Oct.24,1982	11:50	1:50,000	243.9 ft.	
	-	l			
REMARKS			<u></u>		
	at the time of			ed as they wer	ce
recorded from	n the Cape Vince	nt, New Yor	k gage.		
2. SOURCE OF MEAN HIGH-WAT	rer Line:				
The term "Mea	an High Water Li	ne" is not	annlicable	The chorelin	ne is
	ne visible line				
	er. Delineation				
	on of the above				
			-		- L
3. SOURCE OF MEAN LOW-WAT	ER OR MEAN LOWER LC	W-WATER LINE:			
Not applicabl	l a				
Not applicabl	.e.				

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

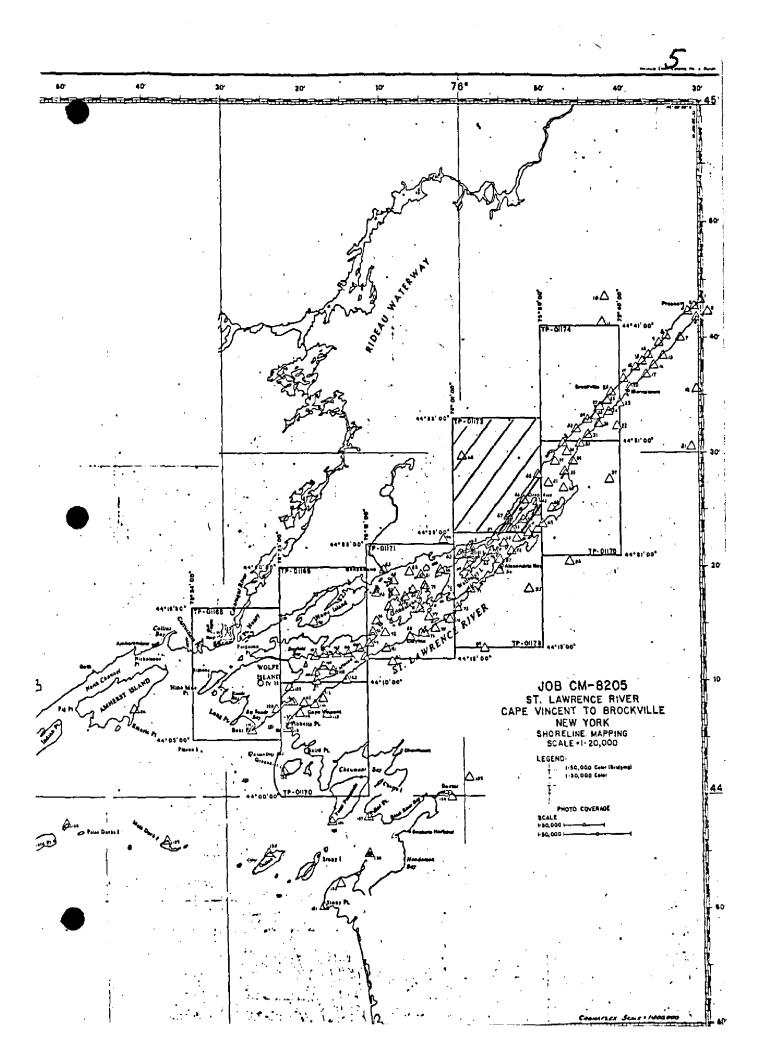
SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED
				,	
5. FINAL JUNCTIONS	<u> </u>		<u> </u>	J., .	
NORTH	EAST T	P-01175	SOUTH	WEST	
No Survey	TP-01	174 (no detail)	TP-01173		No Survey
REMARKS					

NOAA FORM 76-36C 3-72)			NATIONAL OCEANS	G AND ATMOSPHERIC	NT OF COMMERCE
		TP-01172		NATIONA	AL OCEAN SURVEY
		HISTORY OF FIELD	OPERATIONS		
(Photoid I. 🔞 FIELD MXFEX	entification)	FIE	_D EDIT OPERATION		
	OPERATION		NA	ME	DATE
], CHIEF OF FIELD I	PARTY		D Mibbotto		Julv 1983
		RECOVERED BY	R. Tibbetts		July 1983
2. HORIZONTAL CON	TROL	ESTABLISHED BY			
. 11011120111712		KED OR IDENTIFIED BY			
	.	RECOVERED BY	N.A.		
3. VERTICAL CONTR	OL	ESTABLISHED BY	N.A.		
	PRE-MAR	KED OR IDENTIFIED BY	N.A.	···	
	RECOVERED (Triangulation Stations) BY	N.A.		
4. LANDMARKS AND	LOC	ATED (Field Methods) BY	1		
AIDS TO NAVIGAT	ION	IDENTIFIED BY	N.A.	<u>-</u> -	
	TYPE	OF INVESTIGATION			
5. GEOGRAPHIC NAM	ies 🗀 co	DMPLETE BY			
INVESTIGATION		ECIFIC NAMES ONLY			
	X NC	INVESTIGATION			
6. PHOTO INSPECTIO	ON CLARIFI	CATION OF DETAILS BY	N.A.		
7. BOUNDARIES AND	LIMITS SURVE	YED OR IDENTIFIED BY	N.A.		
II. SOURCE DATA			A MEDICAL CONT	BOL IDENTIFIED	
I. HORIZONTAL CON	ITROL IDENTIFIED		2. VERTICAL CONT	ROL IDERTIFIED	
None			None		
PHOTO NUMBER	ST A TIO	N NAME	PHOTO NUMBER	STATION DE	SIGNATION
3. PHOTO NUMBERS	(Clarification of details)		-	
	•				
None					
4. LANDMARKS AND	AIDS TO NAVIGATION	IDENTIFIED			
None					
PHOTO NUMBER	OBJE C	TNAME	PHOTO NUMBER	OBJECT	NAME
-					
5. GEOGRAPHIC NA		T K NONE	6. BOUNDARY AND	LIMITS: REPO	RT X NONE
7. SUPPLEMENTAL	MAPS AND PLANS				
None					
	CORDS (Sketch books	etc. DO NOT fist data sub	mitted to the Geodesy Div	vision)	
OF OTHER LIEED AL	(Drotell Doors)			-	
3 NOAA Fo	orms 76-52	Cover enti	re project		
3 NOAA Fo	orms 76-156	cover ener	re broleer		
1					

NOAA FORM 76-36D (3-72)

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

				TP-01172 RD OF SURVE	Y USE			
I. MANUSCRI	PT COPIES							
II MANOSCIA		MPILA	TION STAGES				DATE MANUSCRI	PT FORWARDED
DA	TA COMPILED		DATE	RE	MARKS		MARINE CHARTS	HYDRO SUPPORT
							•	
Compilat	ion complete	Dec	. 1984	Class III	Manuscri	pt		_
	edit performed Final Review	Feb	. 1985	Class III	Map (Find	(را	March 1485	March 1985
					<u>,</u>			
II. LANDMAF	RKS AND AIDS TO NAVIGA	TION						
1. REPOR	TS TO MARINE CHART D	VISION	I, NAUTICAL	DATA BRANCH				
NUMBER (Pages)	CHART LETTER NUMBER ASSIGNED	FO	DATE RWARDED			REMA	ARKS	
11		Ma	rch 1985	Landmark	s			
1		Mar	ch 1985	Aids to	Navigatio	n		
			<u> </u>					· -
2 🗆	EPORT TO MARINE CHAR	T 01/19	COAST	BU OT BRANCH	DATE FORW	ARDED	·	
2. R	EPORT TO MERONAUTICA	L CHA	RT DIVISION	I, AERONAUTICA	L DATA SECT	ION. D	ATE FORWARDED:	
	L RECORDS CENTER DA							<u></u>
2. <u>[x</u>]⊂ 3. ∏ s	RIDGING PHOTOGRAPHS; ONTROL STATION IDENT OURCE DATA (except for (IFICAT Geograp	TION CARDS;	FORM NO	DSX 2004	LIEDBA	T FIELD PARTIES.	
	ATA TO FEDERAL RECO		ENTER. DAI	re Forwarded:				_
	' EDITIONS (This section					aistered		
IT: JURIET	SURVEY NUMBER		JOB NUMBE		1		TYPE OF SURVEY	
SECOND	TP -	_ (2)	PH		1	∐ RE		SURVEY
EDITION	DATE OF PHOTOGRAP	нү	DATE OF F		□n.	□m.		FINAL
	SURVEY NUMBER		JOB NUMBE	iR .			TYPE OF SURVEY	SURVEY
THIRD EDITION	DATE OF PHOTOGRAP	(3) HY	PH	TELO EDIT		□ RE	MAP CLASS	FINAL
	SURVEY NUMBER		JOB NUMBE	£R			TYPE OF SURVEY	
FOURTH	TP	_ (4)	PH			RE	VISÉD RE	SÜRVÉY
EDITION	DATE OF PHOTOGRAP		DATE OF F	TELD EDIT		□	MAP CLASS	FINAL



SUMMARY TO ACCOMPANY DESCRPTIVE 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 pertient 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 CM-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 aerotriangulation 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. Horma

Don O. Norman

Chief, Aerotriangulation Unit

ST. LAWRENCE RIVER, NEW YORK CM-8205

		TO CONTROL - X AND Y IN FEET K ADJUSTMENT - STRIPS 1, 2, AND 3		<u>X</u>	<u>Y</u>
A	1	150 (IWC) (Morristown Point-U.S.L.S. Sub Pt. 2 Sub Pt. 1	(438101)	-1.1 1.2	-0.1 1.8
		Bay State Shoal, Light New York, 194) (442142)	0.6	-0.4
•	2	Reference Monument 60, New York 1911 Sub Pt. 1 Sub Pt. 2		1.8 -0.6	4.5 3.4
		Bridge Island, Light Ontario 1940	(443151)	3.5	-0.3
A	4	Shak Fr. Lt.	(385100) (385101)	-2.1 -1.7	-5.7 -7.2
•	5	Nine Mile Point Light	(457100) (457101) (457102)	-1.1 1.8 -3.9	5.4 5.1 7.5
		Sister Island Light New York 1940	(354141)	2.4	-3.1
À.		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
A	3	X Sub New York 1940 Sub Pt. 1 Sub Pt. 2		-1.0 -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) (377101) (377102)	0.3 3 -1.0	-4.8 1.3 -2.1

				<u>X</u>	<u>Y</u>
	STR	RIP 4			
	Str	ip Adjustment			
•	7	Marskell, 1983	Sub Pt. 2 (465101) Sub Pt. 1 (465102)	-0.6 1.0	-0.04 -0.7
•	8	Mort, 1983	Sub Pt. 1 (373101) Sub Pt. 2 (373102)	-0.9 -4.0	0.6 1.8
A	9	Dexter 2, 1946	Sub Pt. 1 (469101) Sub Pt. 2 (469102)	-0.2 0.2	1.3 -0.2
•		Tie Tie Tie	(463801) (463802) (463803)	-0.4 -1.7 -2.5	0.3 3.2 2.1

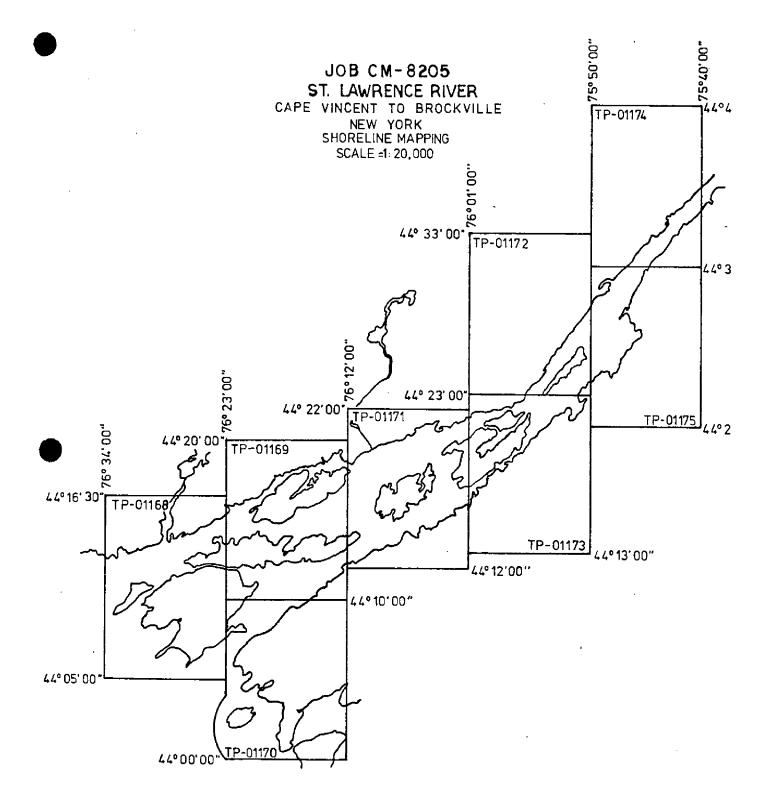
▲ Stations held in the Strip Adjustments

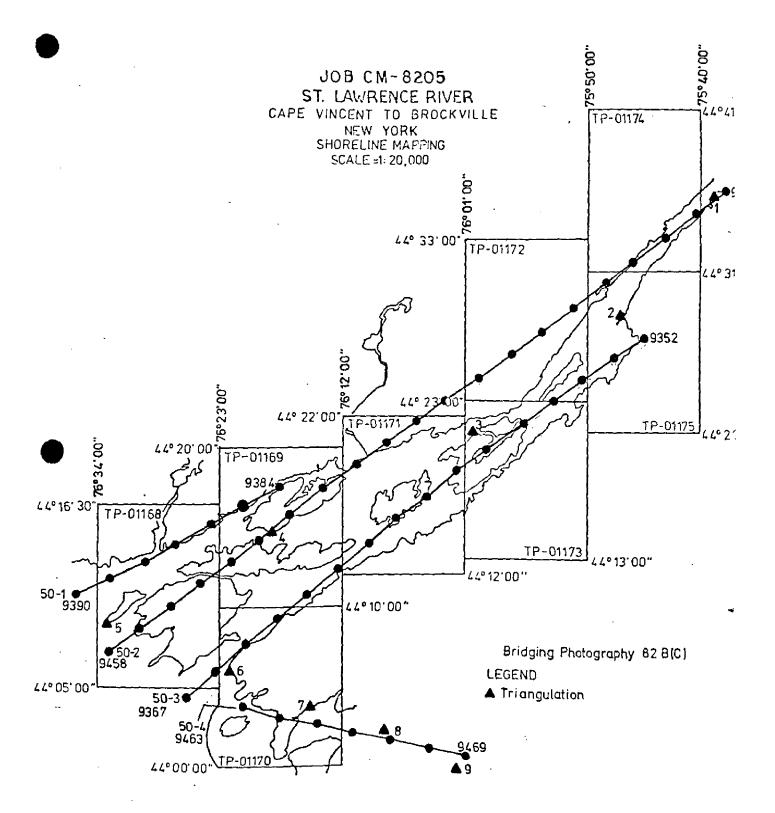
ST. LAWRENCE RIVER, NEW YORK CM-8205

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





(6–75)		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
MAP NO. TP-01172	JOB NO. CM-8205	305	GEODETIC DATUM 1927 N.A.	Coastal Mapping Unit	Wiry ping Unit
STATION NAME	SOURCE OF	AEROTRI-	COORDINATES IN FEET	GEOGRAPHIC POSITION 6 LATTERNS	
	(Index)	POINT	Cent		KEMAKKS
SISTER ISLAND, LIGHT	IBC		χ=	\$ 44 ⁰ 24'50.740"	
1940	pos 228	45	<i>θ</i> =	λ 75 ⁰ 50'41.109"	,
			χ=	ф	
			<i>y</i> =	γ	
			<i>χ</i> =	Ð	
			y=	۲	
			-χ	•	
			<i>y</i> =.	~	ı -
	!		<i>=</i> X	•	
			in de la company de la compa	۲	1
			χ=	ф	
			ig.	٧	<u> </u>
			zχ	Ф	
			y≃	γ	
			χ =	ф	
			<i>y=</i>	٧	Γ
		-	χτ	ф	
			y=	γ	
		•	=X	ф	
			<i>д=</i>	~	
COMPUTED BY		DATE	COMPUTATION CHECKED BY		DATE
LISTED 8Y R. Kravitz		P\$7584	LISTING CHECKED BY W. McLemore	re	DATE 11/26/84
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE
	1	SUPERSEDES NO	SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	H IS OBSOLETE.	

and the second s

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, scalê 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,

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 Bagot Island Berry Island Black Rock Island Bloomfield Island Bobs Island Bridge Island Broadbill Island Buck Island Buells Point Channel Island Chichester Island Chimney Island Clouds Rest Island Cook Island Cook Point Dromedary Island Duck Island Fermans Point Fire Rock Island Goose Island Grassy Point Grenadier Island Grenadier Island (locality) Harrowsmith Island Hemlock Island Hooper Island Ice Island Indian Island Ironsides Island Jeroy Island Johnny Buck Rock LaRue Creek LaRue Mills Lily Bay Little Grenadier Island Thompsons Bay Frm

Little Ironsides Islands Little Mud Creek Lone Brother Island Long Schooner Island Mallorytown Landing Marsh Island Miller Island Mud Creek Narrows (locality) New York O'Neil Island Ontario Pilot Island rum Pitch Pine Point Frm Poole Island Pooles Resort (locality) Poverty Island Rough Island Round Island St. Helena Island St. Lawrence River Senecal Bay Shanty Island Sister Island Slim Island Snipe Island Squaw Island Tar Island Tar Island Narrows Third Brother Island Twin Islands Van Buren Island Willoughby Island Vansittar Point 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: Alexandia 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.

Final Reviewer February 4, 1985

Approved for forwarding,

Billy H. Barnes

Chief, Photogrammetric Section, AMC

Approved,

Acting Folia W. Foll being Chief, Photogrammetric Section, Rockville

Chief, Photogrammetry Branch, Rockville

	N.A. 1927	4
LONGITUDE // D.P. Meters	// Meters	°
7,7	1	44 23 46.87 75
53	01.88 75	88 75
53	32.08 75	75
50, 40.18	51.54	.54
54, 37	07.14	14
50, 4T	75	78
		Aid not listed in U.S. Light List. Name taken from Cánadian Light List.

	RESPONSIBLE PERSONNEL	PERSONNEL	
TYPE OF ACTION	BEEZ		ORIGINATOR
			PHOTO FIELD PARTY HYDROGRAPHIC PARTY
DBJECTS INSPECTED FROM SEAWARD			GEODETIC PARTY OTHER (Specify)
			FIELD ACTIVITY REPRESENTATIVE
SSII IONS DETERMINED AND/OR VERIFIED	Robert R. Kravitz		OFFICE ACTIVITY REPRESENTATIVE
PORMS ORIGINATED BY QUALITY CONTROL	1		REVIEWER
AND REVIEW GROUP AND FINAL REVIEW			QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
	INSTRUCTIONS FOR ENTRIES UNDER (Cansult Photogramme	FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64,	
OFFICE		FIELD (Cont'd)	
1. OFFICE LOENTIFIED AND LOCATED OBJECTS Forest the number and data (including month	CATED OBJECTS	B. Photogrammetric fie	Photogrammetric field positions** require
day, and year) of the photograph used to	otograph used to	date of field work	date of field work and number of the photo-
identify and locate the ⇒bject. EXAMPLE: 75E(C)6042	bject.	graph used to locat EXAMPLE: P-8-V	graph used to locate or identify the object. EXAMPLE: P-8-V
8-12-75		8-12-75 74L (C) 2982	32
C			
EW POSIT	OR VERIFIED	Mon a landment of the off the for	i serratori
F - Field P - P - P	applicable data by symbols as lollows. P - Photogrammetric	angulation station is recovered, enter	
ָׁקָּל ֪֖֞	- Visually	Rec. with date of recovery.	
•		EXAMPLE: Triang, Rec.	
. - Trlangulation 5 - F 2 - Traverse 6 - T	Field identified Theodolite	8-12-/5	,
tion 7 -	Planetable	111. POSITION VERIFIED VISUALLY ON PHOTOGRAPH	SUALLY ON PHOTOGRAPH
٠,	Sextant	7	ate.
A. Field positions* require entry of	ire entry of method of	EXAMPLE: V-Vis.	
and date	of field work.		
EXAMPLE: F-Z-6-L 8-13-75		**PHOTOGRAMMETRIC FIELD POSITIONS are dependent	OSITIONS are dependent
6/-2)-8		entirely, or in part, upon control established	oon control established
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	ned by field obser- ground survey methods.	by photogrammetric methods.	·spc

SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND RXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION. なび. S. GPO:1975-0-665-080/1155

NOAA FORM 76-40 (8-74)

	 2	CLANDITAN	U.S.	DEPARTME	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	ACTIVITY
MNGWIDSKE	NONFEGATING MIDSOR LANDMARKS FOR CHARTS	FOR CHAR	RTS			HYDROGRAPHIC PARTY	ARTY
FEPORTING UNIT field Park, Ship or Office Coastal Mapping Unit AMC, Norfolk VA	<u>ئ</u> د د	LOCALITY St I arm	TY Transfer District	9	DATE 11/07	COMPILATION ACTIVITY COMPILATION ACTIVITY FINAL REVIEWER COULLITY CONTROL & REVIEW GRP	RTY FIVITY LAREVIEW GRP.
n inspected		termine their	value as la	ndmarks.	40/TT	(See reverse for responsible personnel)	sible personnel)
TP-01172	NA	1927			METHOD AND DATE OF LOCATION (See instructions on reverse side)	E OF LOCATION	į
DESCRIPTION (Record reason for deletion of fandmark or sid to nevigation. Show triangulation station names, where applicable, in perentheses	m. LATITUDE	1 1712	LONGI	rube //	OFFICE	FIELD	AFFECTED
	44 24		5 53		82B(C)9355 10-24-82		14766
(IBC), 1940)	44 24	50.740	5 50	41.109	82B(C)9354 10-24-82		14765
	44 24	42.99	50,	29,87	82B(C)9354 10-24-82		14765
			<u>.</u>				
							,

	RESPONSIBLE PERSONNEL	PERSONNEL	
TYPE OF ACTION	NAME	XE.	ORIGINATOR
OBJECTS INSPECTED FROM SEAWARD	;		PHOTO FIELD PARTY HYDROGRAPHIC PARTY GEODETIC PARTY OTHER (Specify)
COLUMN CO			FIELD ACTIVITY REPRESENTATIVE
FOST TONS DETERMINED AND/OR VERIFIED	Robert R. Kravitz		OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES			REVIEWER QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
	INSTRUCTIONS FOR ENTRIES UNDER (Consult Photogramme	FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64,	
OFFICE (DENTIFIED AND LOCATED OBJECTS Enter the number and date (including month,	CATED OBJECTS e (including month,	FIELD (Cont'd) B. Photogrammetric fi entry of method of	(Cont'd) Photogrammetric field positions** require entry of method of location or verification,
identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	bject.	graph used to locate EXAMPLE: P-8-V 8-12-75 74L(C)2982	graph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD			ı,
velenmi plicable ation	NED ON VERIFIED data by symbols as follows: P - Photogrammetric Vis - Visually 5 - Field identified	When a landmark or aid which is angulation station is recovered, Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75	on accovency also a tri- is recovered, enter 'Triang. recovery.
Intersection 7 - Resection 8 -	Planetable Sextant	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V+Vis.' and date.	SUALLY ON PHOTOGRAPH ate.
A. Field positions* required	positions* require entry of method of ion and date of field work.	8-12-75	
EXAMPLE: F-2-6-L 8-12-75		**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control establishe	PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established
*FIELD POSITIONS are determined by field obser-vations based entirely upon ground survey methods.	ned by field obser- ground survey methods.	by photogrammetric methods	·spo

SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION. $\not\cong U.S.GP0:1975-0-665-080/1155$

NOAA FORM 76-40 (8-74)



NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT	T 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 Revie

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Viz
			Drawing No.
			Full Pan Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Paras Afra V. C.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
	 -		
			