NOAA FORM 76-35 (3-76)
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY
DESCRIPTIVE REPORT
THIS MAP WILL NOT BE FIELD EDITED
Map No. Edition No. 1
Job No. CM-8004
Map Classification Class III Final
Type of Survey Shoreline
LOCALITY
State
New York
General Locality Lake Ontario Rochester to Oswego
Locality
Pultneyville
1980. TO 19
REGISTRY IN ARCHIVES
DATE

*U. S. GOVERNMENT PRINTING OFFICE:1976-669-248

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY TF 01069
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	☑ ORIGINAL	MAP EDITION NO. (1)
	5	
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY	MAP CLASS III Final
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PHOTOGRAMMETRIC OFFICE	LAST PRECEED!	NG MAP EDITION
Atlantic Marine Center	TYPE OF SURVEY	JOB PH
Coastal Mapping Branch Norfolk, VA	ORIGINAL ORIGINAL	MAP CLASS
OFFICER-IN-CHARGE	RESURVEY	SURVEY DATES:
A. Y. Bryson	REVISED	19TO 19
I. INSTRUCTIONS DATED		
1, OFFICE	2.	FIELD
Aerotriangulation March 3, 1981 Compilation July 7, 1982	Control	October 17, 1980
II. DATUMS	<u></u>	
II. DATOMS	OTHER (Specify)	
1. HORIZONTAL: X 1927 NORTH AMERICAN		
MEAN HIGH-WATER	OTHER (Specify)	
2. VERTICAL:	International Great	
MEAN LOWER LOW-WATER	(1955) Lake Ontario	Low Water Datum
MEAN SEA LEVEL		
13 MAD DROIECTION		
3. MAP PROJECTION	<u> </u>	RID(S)
Transverse Mercator	STATE	R(D(S) ZONE Central
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NOAA FORM 76-36A

SUPER\$EDES FORM C&G\$ 181 SERIES

★ U.S. G.P.O. 1972-769380/547 REG.#6

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Not applicable.	114 b-i			
4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those survey NUMBER DATE(S) SURVEY COPY USED	veys that are source			
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5. FINAL JUNCTIONS			I WEST	
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NOAA FORM 76-36((3-72)	c	TP-01069 HISTORY OF FIELD	NATIONAL OCEA	U. NIG AND A		NT OF COA ADMINIST L OCEAN S	RATION
1. 🗡 FIELD INSP	ECTION OPE	RATION FIEL	D EDIT OPERATION				
	ОР	ERATION		NAME		DAT	E
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	<u>-</u>	RECOVERED BY	S. V. Pugh &		Middleto		
2. HORIZONTAL C	CONTROL	ESTABLISHED BY	None				
		PRE-MARKED OR IDENTIFIED BY	S. V. Pugh &	c. s.	Middleto	n Nov.	1980
	.==.	RECOVERED BY	None			 	
3. VERTICAL CON	NTROL	ESTABLISHED BY	None None		·	 	
<u> </u>			None			 	
4. LANDMARKS AT		ECOVERED (Triangulation Stations) BY	None			 	
AIDS TO NAVIG		LOCATED (Field Methods) BY	None				
		TYPE OF INVESTIGATION				 	
5. GEOGRAPHIC N	NAMES	COMPLETE					
INVESTIGATION	N	SPECIFIC NAMES ONLY				1	
		NO INVESTIGATION	<u></u>	 _			
6. PHOTO INSPEC	TION	CLARIFICATION OF DETAILS BY	None		<u> </u>		
7. BOUNDARIES A		SURVEYED OR IDENTIFIED BY	NA			<u> </u>	
II. SOURCE DATA 1. HORIZONTAL C		WITEER	2. VERTICAL CO	ITBOL ID			
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3. PHOTO NUMBE	RS (Clarificat	ion of details)		L . <u> </u>			
4. LANDMARKS A	None	IAVIGATION IDENTIFIED					
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5. GEOGRAPHIC	NAMES:	REPORT X NONE	6. BOUNDARY AN	D LIMITS:	☐ REPOR	rτ [汉] νι	ONF
7. SUPPLEMENTA	L MAPS AND	<u> </u>			<u> </u>	رهن ۱	
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NOAA FORM 76-36D (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TP-01069

		RECO	RD OF SURVE	Y USE				
I. MANUSCRI	PT COPIES		~					
	CO	MPILATION STAGE	S			DATEM	ANUSCRI	PT FORWARDED
DA	TA COMPILED	DATE	RE	MARKS	_	MARINE	CHARTS	HYDRO SUPPORT
Compilat	ion complete	Aug, 1982	Class II	[manuscı	ript			
Final Re	eview Class III	Jan. 1983	Final Cla	ass III n	nap	June 1	6, 83	
		-						
II. LANDMAR	RKS AND AIDS TO NAVIGA	TION						-
	TS TO MARINE CHART DI		DATA BRANCH					
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==	PORT TO AERONAUTICA			•			ARDED:	
III. FEDERAI	L RECORDS CENTER DAT	A				•		
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	OURCE DATA (except for G CCOUNT FOR EXCEPTION		port) AS LISTED	IN SECTION 1	II, NOAA	FORM 76-3	6C.	
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IV. SURVEY	EDITIONS (This section 5			o edition is re				
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SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

TP-01069

This 1:20,000 scale shoreline map is one of ten maps of project CM-8004, Lake Ontario, Rochester to Oswego, New York.

This project encompasses the southern shore of Lake Ontario from Rochester longitude 77°30'00" east to Oswego longitude 76°25'00".

No field edit will be performed in accordance with correspondence from the Chief of Photogrammetry dated April 30, 1982.

Field work prior to compilation was accomplished in November 1980. It consisted of the identification of horizontal control by photographic identification methods to meet aerotriangulation requirements.

Photographic coverage was provided in September 1980 for aerotriangulation using color film with the "E" camera at 1:50,000 scale.

Analytic aerotriangulation was performed at the Washington Science Center in April 1981.

Compilation was performed at the Atlantic Marine Center in October 1982 from office interpretation of the 1981 photography.

Final review was performed at the Atlantic Marine Center in January 1983. Without any field verification this map is required to be registered as a Final Class III map.

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

FIELD REPORT CM_8004

1. GENERAL

This report covers the photoidentification of control points as prescribed by project instructions.

The Photo Party (consisting of Party Chief; Robert S. Tibbetts, Surveying Technicians; Stephen V. Pugh and Clifton S. Middleton Jr., and Temporary Surveying Aid; Ron G. Cruce) by general concensus decided that it was in the best interest of the timely completion of the JOB, to work on Veterans' Day, 11/11/80 and the following Saturday, 11/15/80. By doing so, the party avoided a snow storm which struck the area on the evening of 11/16/80 which would have significantly delayed completion of the JOB. The majority of the field operations were performed under adverse weather conditions such as cold, high winds, rain, and snow flurries.

2. HORIZONTAL CONTROL

The following control stations were photoidentified.

Control Point No. 1 SENECA 3 1942. Substitute Stations were previously photoidentified on adjoining JOB CM 8000 and is to be applied in the office.

Control Point No. 1135-2 1135-2 1973. Substitute Point A and Substitute Point B are photoidentified on photo 80EC6533.

Control Point No. 2 ONTARIO WATER TANK 1925. Substitute Station 2A and Substitute Station 2B are photoidentified on photo 80EC6531.

Control Point No. 3 SODUS 1875 (USLS). Substitute Station 3A, Substitute Station 3B, and the center of a Generator Building are photoidentified on photo 80EC6527.

Control Point No. 4 Huron 1943. Substitute Station 4A and Subtute Station 4B are photoidentified on photo 80EC6506.

Control Point No. 5 FAIRHAVEN STANDPIPE 1943. Substitute Station 5A and Substitute Station 5B are photoidentified on photo 80EC6509.

Control Point No. 6 TICE 1942. Substitute Station 6A and Substitute Station 6B are photoidentified on photo 80EC6512.

Control Point No. 7 SCRIBA 1942. Substitute Station 7A and Substitute Station 7B are photoidentified on photo 80EC6516.

3. PHOTOGRAPHS

All photography was flown September 29, 1980.

TIDAL DATA

Not applicable.

Approved and forwarded

Robert S. Tibbetts Chief, Photo Party 62

Submitted 11/25/80

Stephen V. Pugh Clifton S. Middleton Jr.

Surveying Technicians

Photogrammetric Plot Report CM-8004 Rochester to Oswego, New York April 1981

Area Covered

The area included in this report is the New York shoreline of Lake Ontario from Rochester, east to, and including, the city of Oswego. The area is covered by six (6) 1:20,000 scale manuscripts (TP's 01068, 01069, 01070, 01073, 01075 and 01077) and four (4) 1:10,000 scale manuscripts (TP's 01071, 01072, 01074 and 01076).

Method

Two strips of 1:50,000 scale color photography were bridged by standard analytic aerotriangulation methods. Field identified control was provided. Tie points were used to provide additional control to junction the bridging strips.

Common points were located between the bridging photography and the 1:30,000 scale color compilation photography for setting models.

Ratio values were determined. Manuscripts have been ruled on the Coradómat.

Adequacy of Control

The control proved adequate according to National Map Accuracy Standards.

Supplemental Data

USGS quads were used to provide vertical control for the project. Nautical charts were used to locate aids and landmarks.

<u>Photography</u>

The coverage, overlap, and quality of the photography proved adequate for the job.

Approved and Forwarded:

Don O. Morman

Don O. Norman

Chief, Aerotriangulation Section

X and Y in Feet

	STRIP 1			<u>X</u>	<u>Y</u>
1	Seneca 3, 1942 Sub Pt 1 Sub Pt 2 Sub Pt 3	(922101) (922102) (922103)	A	-2.8 3.6 2.2	4 2.6 4.0
2	Rochester Reuben A Dake School Bell Tower, 1942	(536142)		1.4	4.1
3	1135-2, 1973 Sub Pt 1 Sub Pt 2	(532101) (532102)	A	-4.6 -1.1	-3.8 -1.1
	Ontario Water Tank, 1925 Sub Pt 1 Sub Pt 2	(531100) (531101) (531102)	A	4.4 .5 8	-3.4 7 -2.1
5	Sodus (USLS),1875 Sub Pt1 Sub Pt 2	(527101) (527102)	^	3 5.1	3.3 3.7
6	Huron, 1943 Sub Pt 1 Sub Pt 2	(523101) (523102)	A	-2.2 .5	-1.3 -1.6
	STRIP 2			·	
6	Huron, 1943 Sub Pt 1 Sub Pt 2	(523101) (523102)	.	1.7	-3.1 2.0
7	Fairhaven Standpipe, 1943 Sub Pt 1 Sub Pt 2	(509100) (509101) (509102)	*	6.1 -2.2 -2.5	-2.6 2.4 .6
8	Tice, 1942 Sub Pt 1 Sub Pt 2	(512101) (512102)	A	.7 4.6	1.1 -2.9
9	Oswego Municipal Water Tank Ellen St, 1942	(513141)		-2.8	-4. 3
10	Oswego Municipal Water Tank East 8th St, 1942	(514141)		1.4	-1.6
11	Scriba, 1942 Sub Pt 1 Sub Pt 2	(516101) (516102)	A	1.0 -2.3	3.4 -2.4

[▲] Control Stations held in the strip adjustments

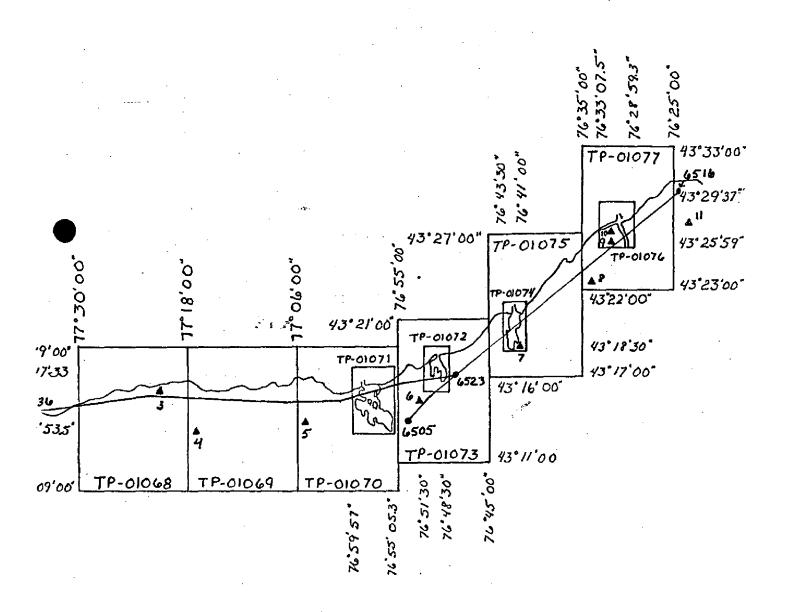
ROCHESTER TO OSWEGO, NEW YORK CM-8004

80E (4) 1.50000

BRIDGING PHOTOGRAPHY

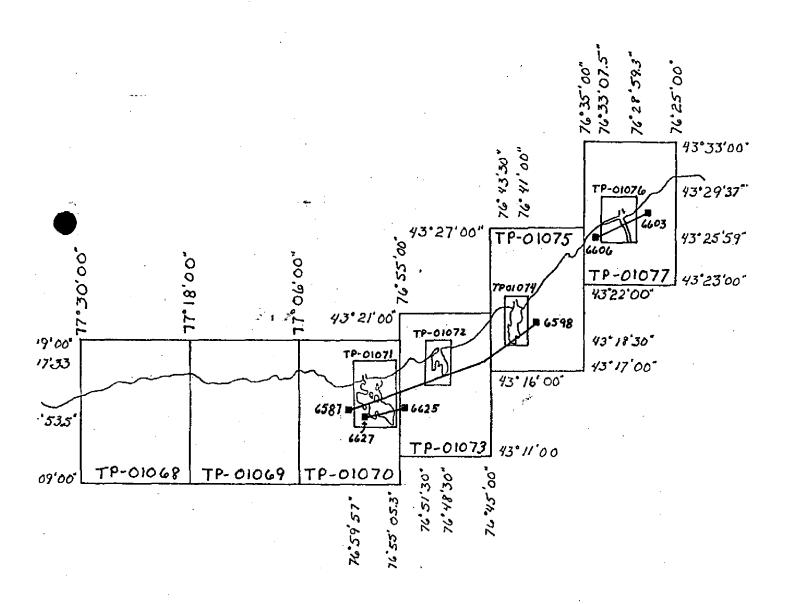
A CONTROL STATIONS

(REFER TO ACCRUACY OF CONTROL)



ROCHESTER TO OSWEGO, NEW YORK CM-8004

80 E (C) 1:30000 Compilation Photography



NOAA FORM 76-41 (6-75)					U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		
MAP NO.	JOB NO.		GEODETIC DATUM	ORIGINATING ACTIVITY	VITY
TP-01069	CM-8004		NA 1927	Coastal Mapping	oing Division
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	Sta 1181	531100	y=1,175,718.000	177"17"37"771	
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COMPUTED BY		DATE	COMPUTATION CHECKED BY		DATE
LISTED BY C. J. Klein		DATE NOV. 1982	j	Kravitz	DATE Nov. 2, 1982
HAND PLOTTING BY C. J. Klein		{	HAND PLOTTING CHECKED BY	Margiotta	DATE Nov. 1982
		SUPERSEDES NO	15	TH IS OBSOLETE.	1

COMPILATION REPORT

TP-01069 CM-8004

31. DELINEATION

All delineation was by office interpretation of the 1:50,000 scale, September 1980, color photography using the Wild B-8 stereoplotting instrument. Refer to form 76-36B for a list of the photographs.

32. CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report dated April 1981.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

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

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline is defined as the visible line of contact between land features and the water surface. The shoreline was checked by using black and white photographs ratioed $2\frac{1}{2}$ times. No unusual problems were encountered. See Item #31.

36. OFFSHORE DETAILS

No unusual problems were encountered. See Item #31.

37. LANDMARKS AND AIDS

Appropriate copies of the 76-40's were submitted with this report.

38. CONTROL FOR FUTURE SURVEYS

None

TP-01069 CM-8004

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: Furnaceville, N.Y., scale 1:24,000, dated 1952, photorevised 1969 Pultneyville, N.Y., scale 1:24,000, dated 1952, photorevised 1978 Salmon Creek, N.Y., scale 1:24,000, dated 1952

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Survey Chart: 14804, scale 1:80,000, dated May 23, 1981, 21st edition.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by,

Carl J. Klein Cartographic Aid

August 19, 1982

Approved.

Ganes L. Byed for James L. Byrd, Jr.

Chief, Coastal Mapping Compilation Unit

REVIEW REPORT SHORELINE

TP-01069

61. GENERAL STATEMENT:

See summary included with this report.

COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS: 62.

Not applicable.

COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangle: Furnaceville, NY, dated 1952, photorevised 1969; Pultneyville, NY, dated 1952, photorevised 1978, and Salmon Creek, NY, dated 1952. All are 1:24,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic survey was conducted in the area pertaining to this final Class III map.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with N.O.S. Chart: 14804, 1:80,000 scale, 21st edition, dated May 23, 1981.

ADEQUACY OF RESULTS AND FUTURE SURVEYS: 66.

This map complies with project instructions and meets the requirements for National Standards of Map Accuracy.

Lowell a. hetere J.

Lowell O. Neterer, Jr. Final Reviewer

Approved for forwarding,

Billy H. Barne Billy H. Barnes

Chief, Photogrammetric Section, AMC

Photogrammetric Section, Rockville

Chief, Photogrammetry Branch

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8004 (Lake Ontario - Rochester to Oswego, N.Y.)

TP-01069

Bear Creek

Bear Creek (locality)

Bear Creek Harbor

Bootleggers Point

Dennison Creek

Fairbanks Point

Holland Cove

Lake Ontario

Mink Creek

Pultneyville

Salmon Creek

Approved by:

Charles E. Harrington

Chief Geographer

Nautical Charting Division

Dissemination of Project Material

CM-8004

Lake Ontario, Rochester to Oswego, New York

National Archives/Federal Record Center

Box (Contents)

Project Computer Readout Field Notebook of Photoidentification Control Bridging Photographs and Transparencies

Project Completion Report

Bureau Archives

Registered Copy of Each Map Descriptive Report of Each Map

Reproduction Division

8x Reduction Negative of Each Map

Office of Staff Geographer

Geographic Names Standard

NOAA FORM 76-40 (8-74)		Sale ONL	NAT	IONAL OCE	ANIC AND	S. DEPARTA	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
Replaces C&GS Form 567.		INC AII		FUR CHA	KIS			GEODETIC PARTY PHOTO FIELD PARTY	<u> </u>
X TO BE CHARTED TO BE REVISED TO BE DELETED		Division New York		LOCALITY Pultn	caciry Pultnevville		DATE Oct. 1982		IVITY
The following	The following objects HAVE HAVE NOT been inspected from seaward to determine their value as landmarks.	been inspected from sea	ward to det	termine thei	r value as	landmarks.	- 1	See reverse for responsible personnel)	NCH . ible personnel)
OPR PROJECT	40. JOB NUMBER	SURVEY NUMBER	DATUM	1001					
	CM-8004	TP-01069	NA 19	17	3		METHOD AND DATE OF LOCATION (See instructions on reverse side)	ETHOD AND DATE OF LOCATION (See instructions on reverse side)	4
			LATITUDE		LONGITUDE	JODE			AFFECTED
CHARTING	DESCRIPTION (Record reason for defetion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	on set or aid to navigation. ere applicable, in parentheses)	, ,	// D.M. Meters	, ,	// D.P. Meters	OFFICE	FIELD	
LIGHT	Pultneyville Yacht Club Light (not charted, in Light List)	lub Light List)			•				14804
LIGHT		ange					Not wisible		‡
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TYPE OF ACTION OBJECTS INSPECTED FROM SEAWARD	RESPONSIBLE PERSONNEL	SONNEL
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		
INSTR	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE O (Consult Photogrammetric Instructions No. 64,	THOD AND DATE OF LOCATION'
OFFICE	OB IFFTS	•
tDENTIFIENT A PRIME THE NUMBER OF THE PRIME TO THE PRIME	nonth,	
I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols F - Field P - Photogrammet L - Located Vis - Visually V - Verified l - Triangulation 5 - Field identi 2 - Traverse 6 - Theodolite	NED OR VERIFIED data by symbols as follows: P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite	When a landmark or aid which is also a angulation station is recovered, enter Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75
ction on sitions*	7 - Planetable 118 - Sextant require entry of method of e of field work.	<pre>II. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V+Vis.' and date. EXAMPLE: V-Vis. 8-12-75</pre>
EXAMPLE: F-2-6-L 8-12-75	*	**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established
<pre>*FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey methods.</pre>	y field obser- nd survey methods.	

NOAA FORM 78-40 (8-74)

SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION,

☆ U.S.GPO:1975-0-665-080/1155

FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey methods.	EXAMPLE: F-2-6-L 8-12-75	sitions	tion 7 - n 8 -	V - Verified 1 - Triangulation 5 - Fiel 2 - Traverse 6 - Theo	EW POSITION DETERMI nter the applicable - Field - Located	ELEID	identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75		OFFICE IDENTIFIED AND LOCATED OBJECTS	INSTI	ACTIVITIES	AND REVIEW GROUP AND FINAL REVIEW		FUSITIONS DETERMINED AND/OR VERIFIED			OBJECTS INSPECTED FROM SEAWARD			TYPE OF ACTION	
by photogramm	**PHOTOGRAMMETR	require entry of method of 8-12-75	ble 111.	Field identified EXAMPLE: Irlang. 8-12-75 Theodolite	s as follows: When a land tric angulation Rec.' with	74L(C)2982	graph used EXAMPLE: !	th, entry of date of f	FIELD	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64,								;	Subtract	NAKE	RESPONSIBLE PERSONNEL
thods.	IC FIELD POSITIONS are dependent in part, upon control established	•	POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V+Vis.' and date.	Rec.	ON STATION RECOVERED mark or aid which is also a tri-station is recovered, enter 'Triang. date of recovery.	2982	to locate or identify the object. 3-8-V 3-12-75		Photogrammetric field positions** require	ž.	REPRESENTATIVE	QUALITY CONTROL AND REVIEW GROUP	OFFICE ACTIVITY REPRESENTATIVE		FIELD ACTIVITY REPRESENTATIVE	OTHER (Specify)	GEODETIC PARTY	HYDROGRAPHIC PARTY	PHOTO FIELD PARTY	ORIGINATOR	

NOAA FORM 76-40 (8-74)

NAUTICAL CHART DIVISION

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.

- In "Remarks" column cross out words that do not apply.
 Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
			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
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