NOAA FORM 76-35 (3-76)
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY
HATTORAC OCEAN SURVEY
DESCRIPTIVE REPORT
DESUMITINE REPURI
THIS MAP EDITION WILL NOT BE FIELD EDITED
Map No. Edition No.
TP-00125 1
Job No.
PH-7002
Map Classification
Class III Final
Type of Survey
Shoreline
LOCALITY
State
New Jersey
General Locality
Delaware Bay
Locality
Maurice River Cove
<b>19</b> 70 <b>TO 19</b>
17/ 10 17
REGISTRY IN ARCHIVES
DATE
DATE

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

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

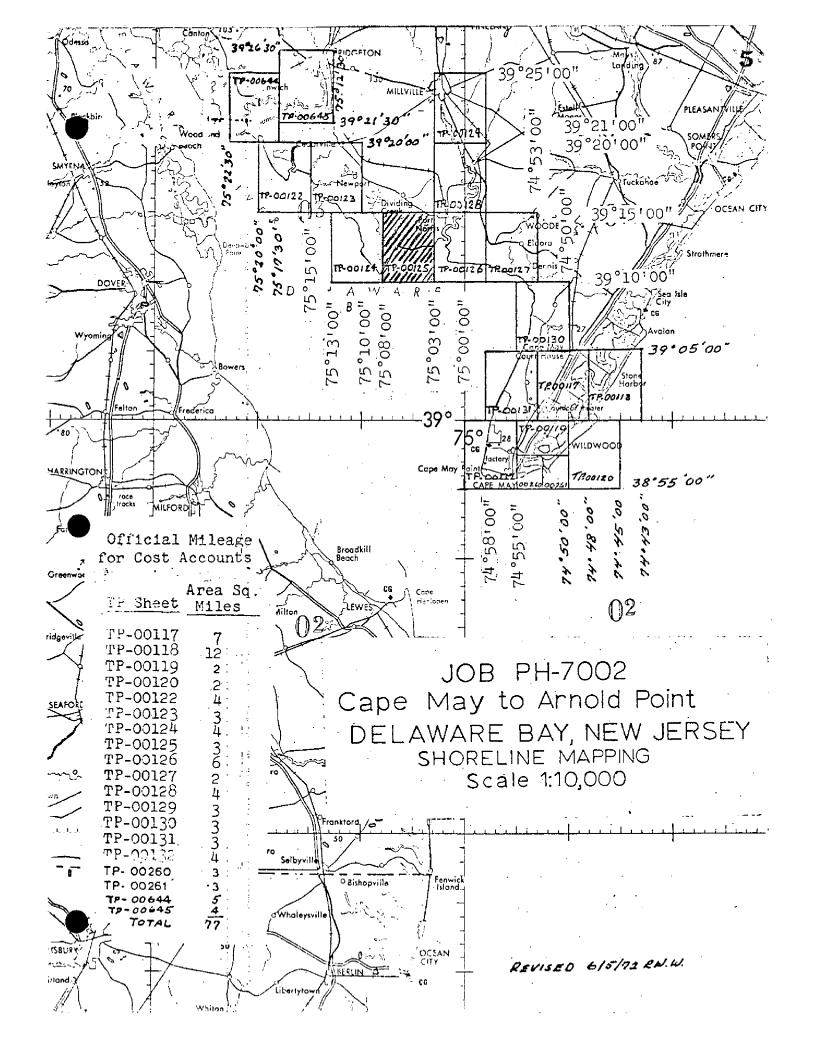
NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY TP.00125
WINDSHIE COLUMN AND ATMOSPHERIC ROMIN.	D ORIGINAL	MAP EDITION NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY	MAPCLASS III Final
DESCRIPTIVE REPORT - DATA RECORD	REVISED	лов <b>Рн.</b> 7002
PHOTOGRAMMETRIC OFFICE		
Coastal Mapping Division		ING MAP EDITION
Atlantic Marine Center, Norfolk, VA	TYPE OF SURVEY	JOB PH
OFFICER-IN-CHARGE	D RESURVEY	MAP CLASS SURVEY DATES:
	☐ REVISED	19 TO 19
A. Y. Bryson		
I. INSTRUCTIONS DATED	1	
1. OFFICE		FIELD
Aerotriangulation (Part I) November 23, 1970 Aerotriangulation (Part II) January 15, 1971 Compilation (Part I) March 17, 1971 Compilation (Part II) May 5, 1972 Amendment I March 28, 1975 Supplement I April 18, 1975 Memo (Cancel field edit) Memo (Compilation Schedule) June 22, 1981	Precompilation Fig	eld July 22, 1970
II. DATUMS		
1. HORIZONTAL: XX 1927 NORTH AMERICAN	OTHER (Specify)	
TO US AN ANGEL WATER	OTHER (Specify)	•••
MEAN HIGH-WATER  MEAN LOW-WATER  MEAN LOWER LOW-WATER  MEAN SEA LEVEL		
3. MAP PROJECTION	4.	GRID(S)
3. MAP PROJECTION Polyconic	STATE New Jersey	GRID(S) ZONE
Polyconic  5. SCALE	STATE	
Polyconic  5. scale 1:10,000	New Jersey	ZONE
Polyconic  5. scale 1:10,000  III. HISTORY OF OFFICE OPERATIONS	New Jersey	ZONE
Polyconic  5. scale 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS	New Jersey STATE NAME	ZONE
Polyconic  5. SCALE 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION  BY	New Jersey	ZONE
Polyconic  5. SCALE  1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION  BY	New Jersey STATE NAME D. Norman H. Eichert	ZONE  DATE Mayo. 1972 May. 1972
Polyconic  5. scale 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic Landmarks and aids by	New Jersey STATE  NAME D. Norman	ZONE  ZONE  DATE  Mayo 1972
Polyconic  5. SCALE 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic Landmarks and aids by  2. CONTROL AND BRIDGE POINTS PLOTTED by	New Jersey  STATE  New Jersey  STATE  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz	ZONE    ZONE   DATE   Mays 1972   Mays 197
Polyconic  5. SCALE  1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic Landmarks and aids by  2. Control and Bridge Points METHOD: Coradomat Checked by  3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY	New Jersey  STATE  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes	DATE Mays. 1972 May. 1972 May. 1972 May. 1972 May. 1972 May. 1972
Polyconic  5. SCALE  1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic Landmarks and aids by  2. Control and Bridge Points METHOD: Coradomat Checked by  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 CONTOURS BY	New Jersey  STATE  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA	DATE May: 1972 May: 1972 May: 1972 May: 1972 May: 1972 Feb. 1983
Polyconic  5. SCALE 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY  2. CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY	New Jersey  STATE  New Jersey  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA	DATE May. 1972 May. 1972 May. 1972 May. 1972 May. 1972 Feb. 1983 Feb. 1983
Polyconic  5. SCALE 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY  2. CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION PLANIMETRY BY	New Jersey  STATE  New Jersey  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz	DATE May: 1972 May: 1972 May: 1972 May: 1972 May: 1972 Feb. 1983 Feb. 1983
Polyconic  5. SCALE  1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic Landmarks and aids by  2. Control and bridge points METHOD: Coradomat Checked by  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION CHECKED BY CHECKED BY CHECKED BY CHECKED BY CHECKED BY	New Jersey  STATE  New Jersey  STATE  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz  J. Byrd	DATE May. 1972 May. 1972 May. 1972 May. 1972 May. 1972 Feb. 1983 Feb. 1983
Polyconic  5. scale 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic Control and Bridge Points METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY CHECKED BY	New Jersey  STATE  New Jersey  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz	DATE May: 1972 May: 1972 May: 1972 May: 1972 May: 1972 Feb. 1983 Feb. 1983
Polyconic  5. SCALE  1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY  2. CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION  METHOD: Smooth drafted CONTOURS BY CHECKED BY	NAME  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz  J. Byrd  NA	DATE May: 1972 May: 1972 May: 1972 May: 1972 Feb. 1983 Feb. 1983 Feb. 1983 Feb. 1983
Polyconic  5. SCALE  1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY  2. CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION METHOD: Smooth drafted  SCALE: 1:10,000  HYDRO SUPPORT DATA BY CHECKED BY CHECKED BY CHECKED BY CHECKED BY	NAME  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz  J. Byrd	DATE May: 1972 May: 1972 May: 1972 May: 1972 Feb. 1983 Feb. 1983 Feb. 1983 Feb. 1983 Feb. 1983
Polyconic  5. SCALE 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY  2. CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY CHECKED BY  SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY  5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	New Jersey  STATE  New Jersey  STATE  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz  J. Byrd  NA  R. Kravitz  J. Byrd  J. Byrd  J. Byrd	DATE May: 1972 May: 1972 May: 1972 May: 1972 Feb. 1983 Feb. 1983 Feb. 1983 Feb. 1983
Polyconic  5. SCALE 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY  2. CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY CHECKED BY  SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY  5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	New Jersey  STATE  New Jersey  STATE  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz  J. Byrd  NA  R. Kravitz  J. Byrd  NA  NA  R. Kravitz  J. Byrd  NOR	DATE May: 1972 May: 1972 May: 1972 May: 1972 Feb. 1983 Feb. 1983 Feb. 1983 Feb. 1983 Feb. 1983
Polyconic  5. SCALE 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY  2. CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY CHECKED BY  SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY  5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY 6. APPLICATION OF FIELD EDIT DATA CHECKED BY	NAME  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz  J. Byrd  NA  R. Kravitz  J. Byrd  NA  R. Kravitz  J. Byrd  NA  NA  R. Kravitz  J. Byrd  NA  NA  R. Kravitz  J. Byrd  NOne  None	DATE Mays. 1972 Mays. 1972 Mays. 1972 Mays. 1972 Feb. 1983
Polyconic  5. SCALE 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION  METHOD: Smooth drafted CHECKED BY  SCALE: 1:10,000 CHECKED BY  SCALE: 1:10,000 CHECKED BY CHECKED BY CHECKED BY  5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY 6. APPLICATION OF FIELD EDIT DATA CHECKED BY	NAME D. Norman H. Eichert D. Norman H. Eichert R. Kravitz B. Barnes NA NA R. Kravitz J. Byrd NA R. Kravitz J. Byrd J. Byrd None None None J. Byrd	DATE Mays. 1972 Mays. 1972 Mays. 1972 Mays. 1972 Mays. 1972 Feb. 1983
Polyconic  5. SCALE 1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY  3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION  METHOD: Smooth drafted CHECKED BY  SCALE: 1:10,000 CHECKED BY	NAME  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz  J. Byrd  NA  R. Kravitz  J. Byrd  NA  R. Kravitz  J. Byrd  NA  NA  R. Kravitz  J. Byrd  NA  NA  R. Kravitz  J. Byrd  NOne  None	DATE May: 1972 May: 1972 May: 1972 May: 1972 May: 1972 Feb. 1983
Polyconic  5. SCALE  1:10,000  III. HISTORY OF OFFICE OPERATIONS  OPERATIONS  1. AEROTRIANGULATION METHOD: Analytic Landmarks and aids by  2. CONTROL AND BRIDGE POINTS METHOD: Coradomat CHECKED BY COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:10,000 CHECKED BY  4. MANUSCRIPT DELINEATION METHOD: Smooth drafted CONTOURS BY CHECKED BY  SCALE: 1:10,000 CHECKED BY	NAME  NAME  D. Norman  H. Eichert  D. Norman  H. Eichert  R. Kravitz  B. Barnes  NA  NA  R. Kravitz  J. Byrd  NA  R. Kravitz  J. Byrd  NA  NA  R. Kravitz  J. Byrd  NONE  None  None  I. Byrd  Lowell O. Neterer,	DATE May: 1972 May: 1972 May: 1972 May: 1972 May: 1972 Feb. 1983

(3-72)			TP-00125	*****		N.	PHERIC A ATIONAL	OCEAN SURV
		CON	APILATION	SOURCES ————				<del>,</del> ,
1. COMPILATION PHO CAMERA(S)	TOGRAPHY							
Wild RC-8 "L"		ength = 152.21	TYPES C	F PHOTOGRAPHY LEGEND		TIM	IE REFER	RENCE
TIDE STAGE REFEREN	NCE		( <u>c)</u> coro	a	ZONE			
PREDICTED TIDES		į	(P) PANCI			aster	n	XXST ANDA
TIDE CONTROLLE			(I) INFRA	RED	MERIC			DAYLIG
NUMBER AND		DATE	TIME	SCALE	1	5th st	AGE OF	IDE
		2 / 2 0 / 3 2						
70L (C) <b>8</b> 568-8		9/29/70	9:45	1:40,00			above	
70L (C) 1136A-		11/17/70	11:02	1:40,00	1		above	
70L (C) 9567-9		3/11/70	13:39	1:20,00	l l		above	
70L (¢) 9450-9		3/11/70	12:05	1:20,00			above	
70L (C) 9583-9	584	3/11/70	13:53	1:20,00	)   4.3	ft.	above	MLW
REMARKS *Bridgi	ng and co	ompilation ph	otographs	centers no	t shown	on t	he man	٠
	-	photographs-c	-			• •		•
·	••				•			
2. SOURCE OF MEAN	HIGH-WATER	LINE:			_			
	an high t	water line wa	s compile	d from the a	oove li	sted	compil	ation
	an high t	water line wa	s compile	d from the a	oove li	sted	compil	ation
photography.	LOW-WATER		,	-	oove li	sted	compil	ation
photography.  3. SOURCE OF MEAN			,	-	oove li	sted	compil	ation
photography.  3. SOURCE OF MEAN	LOW-WATER		,	-	oove li	sted	compil	ation
photography.  3. SOURCE OF MEAN	LOW-WATER		,	-	oove li	sted	compil	ation
photography.  3. SOURCE OF MEAN	LOW-WATER		,	-	oove li	sted	compil	ation
photography.  3. SOURCE OF MEAN	LOW-WATER		,	-	oove li	sted	compil	ation
photography.  3. SOURCE OF MEAN	LOW-WATER		,	-	oove li	sted	compil	ation
photography.	LOW-WATER		,	-	oove li	sted	compil	ation
photography.	LOW-WATER		,	-	oove li	sted	compil	ation
photography.  3. SOURCE OF MEAN  Not ap	LOW-WATER plicable	OR MEAN LOWER LO	DW-WATER LIN	E:				
photography.  3. SOURCE OF MEAN  Not ap	LOW-WATER plicable	OR MEAN LOWER LO	OW-WATER LIN	E:	for photogra		survey in	formation.)
photography.  3. SOURCE OF MEAN  Not ap	LOW-WATER plicable	OR MEAN LOWER LO	OW-WATER LIN	E:			survey in	
photography.  3. SOURCE OF MEAN  Not ap	LOW-WATER plicable	OR MEAN LOWER LO	OW-WATER LIN	E:	for photogra		survey in	formation.)
photography.  3. SOURCE OF MEAN  Not ap  4. CONTEMPORARY F  SURVEY NUMBER  5. FINAL JUNCTIONS	LOW-WATER plicable HYDROGRAPH	OR MEAN LOWER LO	only those surve	E:  Bys that are sources  JRVEY NUMBER	for photogra		survey in	formation.)
photography.  3. SOURCE OF MEAN  Not ap  4. CONTEMPORARY F	LOW-WATER plicable HYDROGRAPH	OR MEAN LOWER LO	only those surve	E:	for photogra		survey in	formation.)

NOAA FORM 76-36C (3-72)	TP-00125	NATIONAL OCEANIC AND		NT OF COMM ADMINISTRA L OCEAN SU	AT IO
I. X FIELD INSPECTION O		D EDIT OPERATION			
	OPERATION	NAME		DATE	
I. CHIEF OF FIELD PARTY					
t. Chief of Field Parti		J. Wilson		Sept. 1	<u>970</u>
2. HORIZONTAL CONTROL	RECOVERED BY	None			
Z. HONIZONTAL CONTROL	PRE-MARKED OR IDENTIFIED BY	None None		<u> </u>	
	RECOVERED BY	NA ·			
3. VERTICAL CONTROL	ESTABLISHED BY	NA			
	PRE-MARKED OR IDENTIFIED BY	NA			
	RECOVERED (Triangulation Stations) BY	None			•
4. LANDMARKS AND	LOCATED (Field Methods) BY	_None			
AIDS TO NAVIGATION	IDENTIFIED BY	None			
	TYPE OF INVESTIGATION				
5. GEOGRAPHIC NAMES INVESTIGATION	COMPLETE BY				
MARSHOWHOM	SPECIFIC NAMES ONLY				
	Y NO INVESTIGATION				
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None			
7. BOUNDARIES AND LIMITS II. SOURCE DATA	S SURVEYED OR IDENTIFIED BY	L_None			
1. HORIZONTAL CONTROL	IDENTIFIED	2. VERTICAL CONTROL IDE	ENTIFIED		
None_		None			
PHOTO NUMBER	STATION NAME		STATION DESIG	GNATION	
3. PHOTO NUMBERS (Clasifi					
None	O NAVIGATION IDENTIFIED	·			
<u></u>	OBJECT	I BUILTE WITTER			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT N	AME	
5. GEOGRAPHIC NAMES: 7. SUPPLEMENTAL MAPS A	REPORT NONE	6. BOUNDARY AND LIMITS:	REPOR	т 🔼 пол	E
8. OTHER FIELD RECORDS	(Sketch books, etc. DO NOT list data submit	ted to the Geodesy Division)			

U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NOAA FORM 76-36D (3-72)TP-00125 RECORD OF SURVEY USE I. MANUSCRIPT COPIES COMPILATION STAGES DATE MANUSCRIPT FORWARDED MARINE CHARTS HYDRO SUPPORT DATA COMPILED DATE REMARKS March 1983 Class III Map Compilation complete April 1983 Final Class III Map Final Review, Class III No field edit performed II. LANDMARKS AND AIDS TO NAVIGATION 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH CHART LETTER DATE NUMBER REMARKS NUMBER ASSIGNED FORWARDED 2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: III. FEDERAL RECORDS CENTER DATA

I. 🔄 BF	NDGING PHOTOGRAPHS; 🛛 🔯	DUPLICATE BRIDGING REPO	PT; 📜 💢 C	COMPUTER READO	UTS.
2. [][] CC	NTROL STATION IDENTIFICA	TION CARDS; FORM NO	S X267 SUBM	ITTED BY FIELD F	ARTIES.
	URCE DATA (except for Geogra	phic Names Report) AS LISTED	IN SECTION	II, NOAA FORM 76-	36C.
	COUNT FOR EXCEPTIONS:				
4. 🗆 0/	TA TO FEDERAL RECORDS C	ENTER. DATE FORWARDED:	_		
IV. SURVET	EDITIONS (This section shall b Isurvey number	e completed each time a new me	p edition is .	_ <del></del>	
		1		TYPE OF	
SECOND	TP(2)	PH	J	☐ REVISED	RESURVEY
EDITION	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT		MAPC	LASS
			□n.	□ III. □ IV.	□v. □ FINAL
	SURVEY NUMBER	JOB NUMBER		TYPE OF	SURVEY
THIRD	TP(3)	PH	•	REVISED	RESURVEY
EDITION	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	1	MAPC	LASS
			n.	□in. □ □iv.	UV. OFINAL
	SURVEY NUMBER	JOB NUMBER		TYPE OF	SURVEY
FOURTH	TP(4)	PH		REVISED	RESURVEY
EDITION	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	Ī	MAP C	LASS
			□ıı.	□ iii. □iv.	V.   FINAL



# SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

#### TP-00125

This 1:10,000 scale shoreline map is one of nineteen maps that comprise project PH-7002, Cape May to Arnold Point, Delaware Bay, New Jersey.

This project encompasses the eastern portion of Delaware Bay from Cape May latitude  $38^{\circ}55'00"$ , north to Bridgeton, latitude  $39^{\circ}26'30"$  and from Stone Harbor longitude  $74^{\circ}43'00"$  west to the Cohansey River longitude  $75^{\circ}20'00"$ .

This project was divided into two parts. Part I consists of maps TP-00117 through TP-00120 and TP-00130 through TP-00132 at 1:10,000 scale and TP-00260 and TP-00261 at 1:5,000 scale. Part II consists of maps TP-00122 through TP-00129, TP-00644 and TP-00645 at 1:10,000 scale.

Color photography using the "L" camera was taken in March 1970 at 1:20,000 scale to be used as hydro support photography. Color photographs were taken using the "L" camera in November 1970 at 1:40,000 scale. They were bridged by analytic aerotriangulation methods.

Field work was done prior to compilation in September 1970. It involved the premarking of horizontal control for aerotriangulation and the photo-identification of visual hydrographic signals to be positioned by the compilation office.

Analytic aerotriangulation was performed at the Washington Science Center in February 1971 on Part I and in May 1972 on Part II.

Standard compilation was performed. The photo-hydro signals were not delineated due to the time lapse since their selection, and the hydrographers now use ground surveyed sites for their electronic position equipment and are not using visual signals. Processed ratio photographs were prepared for the hydrographer should they be needed. This was done at the Atlantic Marine Center in February 1983.

Field edit was canceled in December 1979.

The Final Review was performed at the Atlantic Marine Center in April 1983.

This Descriptive Report contains all pertinent information used to compile this final Class III map,

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

#### FIELD INSPECTION

#### TP-00125

There was no 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.

#### PHOTOGRAMMETRIC PLOT REPORT Delaware Bay, New Jersey Part II Job PH-7002 May 1972

#### 21. Area Covered

This report pertains to the southern shore of the Delaware Bay from Ben Davis Point easterly to Dennis Creeks. This area is covered by nine (9) 1:10,000 scale maps (TP-00122 thru TP-00130).

#### 22. Method

Seven (7) strips of photographs (strip Nos. 4 thru 10) were bridged using analytic aerotriangulation methods. Strip Nos. 4 thru ? (60 photographs) were used in a block adjustment. Strip No. 8 was adjusted as a-single strip using premarked control. Strip Nos. 9 and 10 were bridged using 1:20,000 scale photography. These strips were controlled by positions of points determined in the block adjustment from Part I of this project. Ties were made to all strips. Sketch No. 1 shows the layout of maps, strips of bridging photography and the location of horizontal control stations. The positions of common points between the 1:40,000 and 1:20,000 scale photography were determined in order to ratio the 1:20,000 scale photography for hydro support use. Sketch No. 2 shows the location of the strips of 1:20,000 scale photography for hydro support. Attached to this report is a tabulation of control.

Positions were also determined for fifty (50) hydro signals that were selected and described by a field party before bridging.

Data for the nine (9) 1:10,000 scale maps were plotted by the Coradomat on the New Jersey State Plane Coordinate System.

# 23. Adequacy of Control

All horizontal control stations were premarked and control was adequate.

# 24. Supplemental Data

Vertical control for the strip and block adjustments was taken from USGS quadrangles.

#### 25. Photography

The following RC-8 photography was used in bridging:

# 1:40,000 scale

Strip	4	70-L(	C	) <i>-</i> 8568 t	thru 8	3570
Strip		70-L(	C	-1130A	thru	1140A
Strip				)-1101A		
Strip	_	70-L(	C	)-1074A	thru	1095A
Strip		79-L(	C	)-1142A	thru	1150A

# 1:20,000 scale

Strip 9	70-L(C)-9598	thru	9600
Strip 10	70-L(C)-9643	thru	9645

The photography was adequate.

Respectfully submitted:

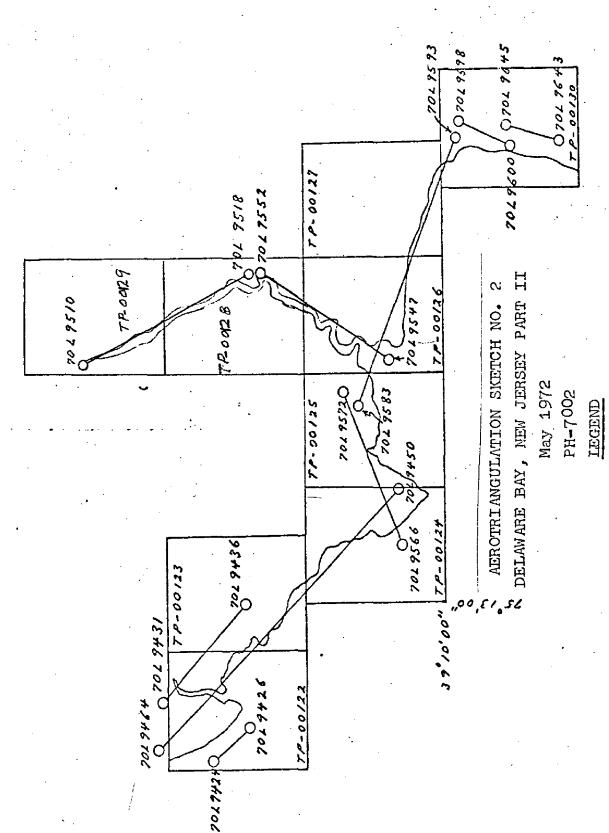
Donald M. Brant

Approved and forwarded:

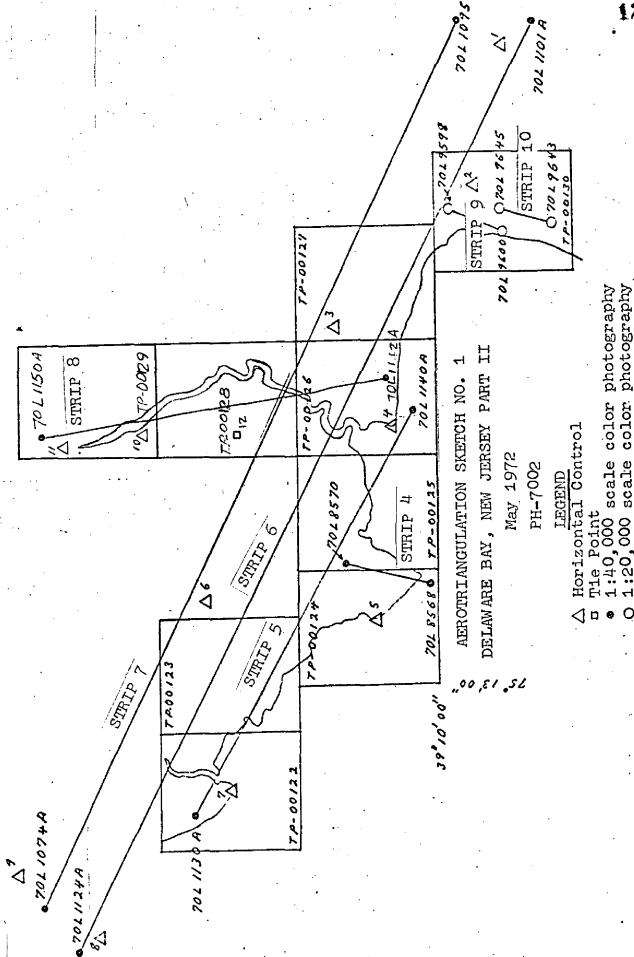
Henry P. Eichert, Chief Aerotriangulation Section

# DELAWARE BAY, HEW JERSEY Fit to Control (x, y) in feet

1.	STITES, 1936 subpoint	(+0.03, +0.02)
	-	
۷.		(-0.04, -0.06)
3.	LEESBURG, 1932 subpoint	(+0.15, -0.02)
4.	EAST, 1933	(-0.09, +0.09)
5.		
	TOWER, 1933 FALSE EGG ISLAND POINT WOODEN	(+0.39, +0.43)
	TOWER, 1933 subpoint	(-0.28, +0.07)
6.	JOSCELYNE, 1834	(+0.03, -0.11)
7.	BEN DAVIS POINT LIGHT, 1970 BEN DAVIS POINT LIGHT, 1970 subpoint	{-3.22, -1.53} {-0.07, -0.06}
٠,	ARMOLD (USE), 1932 subpoint	(-0.09, -0.07)
		(40.03, 40.01)
9.	WILLIS, 1933	(+0.08, -0.06)
10.	PETTINOS, 1935 subpoint	(-4.338, -1.165)
11.	MILLVILLE, 1935 subpoint	(+2.124, +0.769)
12.	Tie Point (From block adjustment)	(+1.142, -0.394)



O 1:20,000 scale color photography



NOAA FORM 76-41				U.S.	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD	ĺ	
MAP NO. TP-00125	Јов но. РН-7002	2	GEODETÍC DATUM NA 1927	Coastal Mapping	ing Compilation Unit
	ac acanos	AEROTRI-	COORDINATES IN FEET	GEOGRAPHIC POSITION	
STATION NAME	INFORMATION (Index)	ANGULATION POINT NUMBER	STATE	φ LATITUDE λ LONGITUDE	REMARKS
			χ=	Ф	
None			=ħ	γ	
			χ=	Φ	
			-ĥ	γ	
			χ=	ф	
			y=	λ	
			*X	φ	
			=ħ	۲	
			#X	ф	
			zĥ	γ	
			<i>=</i> χ	ф	
			=ħ	γ	
			=X	φ	
			=ĥ	٧	
			-X	φ	
			ye.	γ	
			χε	ф	
			η=	٧	
			=χ	φ	
	·		j⁄±	۲	,
COMPUTED BY		DATE	COMPUTATION CHECKED BY		DATE
LISTED BY		DATE	LISTING CHECKED BY		DATE
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE
		SUPERSEDES NO	SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	CH IS OBSOLETE.	1

#### COMPILATION REPORT

#### TP-00125

#### 31. DELINEATION

Delineation was by the Wild B-8 stereoplotting instrument using November, 1970, bridging photography. Photo coverage was adequate, although selecting pass points common to both the November 1970 photographs and March 1970, ratioed prints was difficult because of the seasonal difference in vegetation density and color.

#### 32. CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report dated May 1972.

#### SUPPLEMENTAL DATA

None

#### 34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter from office interpretation of the photographs.

#### 35. SHORELINE AND ALONGSHORE DETAILS

Shoreline and alongshore details were delineated by the Wild B-8 stereoplotter from office interpretation of the photographs.

#### 36. OFFSHORE DETAILS

No unusual problems.

#### 37. LANDMARKS AND AIDS

None

#### 38. CONTROL FOR FUTURE SURVEYS

None

#### 39. JUNCTIONS

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

#### TP-00125

#### 40. HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report, dated May 1972.

#### 46. COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangles: Port Norris, N. J., scale 1:24,000, dated 1956 Fortescue, N.J. - DE, scale 1:24,000, dated 1956

#### 47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following chart:

12304, 1:80,000 scale, 28th edition, dated April 17, 1983

#### ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

#### ITEMS TO BE CARRIED FORWARD

None

Submitted by,

R. Kravitz

Cartographic Technician

Date: February 1983

det R. Krant

Approved,

الم , السها كا . J. J. Byrd

Chief, Coastal Mapping Unit

#### REVIEW REPORT SHORELINE

#### TP-00125

#### 61. GENERAL STATEMENT:

See Summary included with this report.

#### 62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable

#### COMPARISON WITH MAPS OF OTHER AGENCIES: 63.

A comparison was made with U.S. Geological Quadrangles:

Port Norris, New Jersey and Fortescue, New Jersey - Delaware, both at 1:24,000 scale and dated 1956.

#### 64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were conducted within the limits of this map.

#### 65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with N.O.S. Chart 12304, 28th edition, 1:80,000 scale, dated April 17, 1982.

#### 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,

Final Reviewer

Approved for forwarding, Billy H. Barnes

Chief, Photogrammetric Section, AMC

Approved,

Chief, Photogrammetric Section, Rockville Chief, Photogrammetry Branch

#### GEOGRAPHIC NAMES

#### FINAL NAME SHEET

## PH-7002 (Delaware Bay, N. J.)

### TP-00125

Bay Ponds

Delaware Bay

Dividing Creek

East Branch Pond

Hansey Creek

Indian Creek

Island Ditch

Johnsons Ditch

Kenny Point

Maurice River Cove

New England Creek

Ogdens Creek

Oranoaken Creek

Round Pond

Turkey Point

Ware Creek

Weir Creek

Widgeon Ponds

Approved by:

Charles E. Harrington

Chief Geographer

Nautical Charting Division

ACTIVITY	ATY.	TIVITY	OL & REVIEW GRP.	sible personnel)			CHARTS	AFFECTED														
ORIGINATING ACTIVITY	CEODETIC PART	XX COMPILATION AC	FINAL REVIEWER   QUALITY CONTROL & REVIEW GRP.	(See reverse for responsible personnel)		E OF LOCATION	on reverse side)		FIELD													
U.S. DEPARTMENT OF CONMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		DATE	int   March 1980			METHOD AND DATE OF LOCATION	(See instructions on reverse side)		OFFICE									•				
S. DEPARTM Atmospher			to Arnold Point	landmarks.				LONGITUDE	D.P. Meters													
ANIC AND	IK IS		ay to A	ir value as			NOI	LONG	•													
IONAL OCE	-OR CH	LOCALITY	Cape M	ermine the		1927	POSITION	UDE	// D.M. Meters													
TAN	_	<del></del>	sey.	ward to det	DATUM	N.A.		LATITUDE	•			<u> </u>						•	,	4		<u></u>
,	ING AIL	STATE	Coastal Mapping Division New Jersey Cape May to Arnold P	been inspected from sear	SURVEY NUMBER		TP-00125		k or aid to navigation. re applicable, in perentheses)													
	NONFLUA	REPORTING UNIT	Coastal Mapping	HAVE HAVE NOT X	JOB NUMBER		PH-7002	DESCRIPTIO	(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses,		16				,			·				
NOAA FORM 76-40	Replaces C&GS Form 567.	_	TO BE REVISED TO BE DELETED	The following objects +					CHARTING (Record re NAME Show tria	-	None										<u>-</u>	

tions* requ nd date of F-2-6-L 8-12-75 are determi	I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols F - Field P - Photogrammet, L - Located Vis - Visually V - Verified 1 - Triangulation 5 - Field identified 2 - Traverse 6 - Theodolite 3 - Intersection 7 - Planetable 4 - Resection 8 - Sextant	OFFICE 1. OFFICE (DENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the ~bject.  EXAMPLE: 75E(C)6042 8-12-75	INS	FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	F-0511 IONS DETERMINED AND/OR VERIFIED	OBJECTS INSPECTED FROM SEAWARD	TYPE OF ACTION	
of.	NED OR VERIFIED  data by symbols as follows:  P = Photogrammetric  P = Pionetable  8 - Sextant	TED OBJECTS (including month, ograph used to ect.	INSTRUCTIONS FOR ENTRIES UNDER METHOD AND DATE OF (Cansult Photogrammetric Instructions No. 64.			;	RESPONSIBLE PERSONNEL	
etr For B-1	<ul> <li>TRIANGULATION STATION RECOVERED When a landmark or aid which is also a tangulation station is recovered, enter in Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75</li> <li>POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date.</li> </ul>	" % <del>_</del>	'HOD AND DATE OF LOCATION'  Instructions No. 64,				SONNEL	
/is. /2-75 FJELD POSITIONS are dependent part, upon control established	ION RECOVERED aid which is also a tri- is recovered, enter 'Triang. recovery. Rec. VISUALLY ON PHOTOGRAPH date.	mmetric field positions** require method of location or verification, field work and number of the photoed to locate or identify the object, P-8-V 8-12-75 74L(C)2982		REVIEWER  QUALITY CONTROL AND REVIEW GROUP  REPRESENTATIVE	FIELD ACTIVITY REPRESENTATIVE	☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify)	ORIGINATOR	

NOAA FORM 78-40 (8-74)

SUPERSEDES NOAA FORM 75~40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

☆ U.S.GPO:1975-0-665-080/1155

	ORIGINATING ACTIVITY  HYDROGRAPHIC PARTY GEODETIC PARTY	PHOTO FIELD PARTY	COMPILATION ACTIVITY FINAL REVIEWER OUALITY CONTROL & REVIEW GRP.	(See reverse for responsible personnel)		OF LOCATION	CHARTS CHARTS	AFFECTED	FIELD														
	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION TKS FOR CHARTS		March 1980	Γ		METHOD AND DATE OF LOCATION	(See instructions on reverse side)		OFFICE							<del>-</del>							
	S. DEPARTM Atmospher		Arnold Point Bay	landmarks.				LONGITUDE	D.P. Meters				•										
	U. ANIC AND ARTS		1	ir value as			NOI	LONG	•										I	į			,
•	NATIONAL OCEANIC		Locality Cape May to Delaware	termine the		1927	POSITION	300	D.M. Meters								·	_					
	NAT NAT		·	ward to de	DATUM	NA 1		LATITUDE	•														
	LANC		, ivision New Jersey	been inspected from sea	MBER SURVEY NUMBER DATUM	TP-00125	** ***	z	Record resson for defetion of landmark or sid to navigation. Show triangulation station names, where applicable, in perentheses)									-					
	li		REPORTING UNIT Field Party, Ship or Office) Coastal Mapping Division AMC, Norfolk, VA	HAVE HAVE NOT IX		PH-7002	111,002	DESCRIPTION	(Record teason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in perentl		je							!					
i	40		<del>-</del>	74	<b> </b>	· .			(Record real Show trian,	_	None	:			+	_		-					
	NOAA FORM 76-40	Replaces C&GS Form 567.	XX TO BE CHARTED TO BE REVISED TO BE DELETED	The following	OPR PROJECT NO.	-			NAME							•							

*FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey methods.	location and date of fie EXAMPLE: F-2-6-L 8-12-75	A. Field positions* require	3 - Intersection 7 - Plantage 7	ation 5 - 6 -	I, NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbol F ~ Field P - Photogramme L - Located V - Verified	8-12-75	day, and year) of the photograph used identify and locate the object.  EXAMPLE: 75E(C)6042	OFFICE IDENTIFIED AND LOCATED OBJECTS	INS	FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	ריטון ויים ביים האוואפט אישע/טיי אביייו וביי		ORJECTS INSTRICTED FROM SEAWARD		TYPE OF ACTION	
ods.	**PHOTOGRAMMETR	f method of EXAMPLE:	Planetable III. POSITION V Sextant Enter 'V+V	Field identified Theodolite	s as follows:		to date of graph us	B. Photogra	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE O					;	NAME	RESPONSIBLE PERSONNEL
by photogrammetric methods.	IC FIELD POSITIONS are dependent in part, upon control established	V-Vis. 8-12-75	POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V+Vis.' and date.	8-12-75	TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triang. angulation station is recovered, enter 'Triang. Rec.' with date of recovery.  EXAMPLE: Triang. Rec.	8-12-75 74L(C)2982	ed to locate or identify the object.  P-8-V	mmetric field positions** require	F LOCATION'	QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	OFFICE ACTIVITY REPRESENTATIVE	FIELD ACTIVITY REPRESENTATIVE	☐ GEODETIC PARTY ☐ OTHER (Specify)	HYDROGRAPHIC PARTY	ORIGINATOR	

NOAA FORM 76-40 (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

FORM C&GS-8352 (8-25-63)

#### 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.

  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.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
	<u> </u>		
		<u></u>	Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
		<u>,</u>	Full Part Before After Verification Review Inspection Signed Via
		- /	Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
		<u></u>	Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
	<u> </u>		Tall Para Para Afra Maria Paris Afra Maria
	<u>-</u>		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.
		·	Full Part Before After Venification Review Inspection Signed Via
			Drawing No.
	<u> </u>		