

TP-00645

TP-00645

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. TP-00645	Edition No. 1
Job No. PH 7002	
Map Classification CLASS III FINAL	
Type of Survey SHORELINE	
LOCALITY	
State NEW JERSEY	
General Locality DELAWARE BAY	
Locality BRIDGETON	
1970 TO 19	
REGISTRY IN ARCHIVES	
DATE	

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

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center Norfolk VA		SURVEY TF-00645 MAP EDITION NO. (1) MAP CLASS III Final JOB PH-7002	
OFFICER-IN-CHARGE A.Y. Bryson		LAST PRECEDING MAP EDITION TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
I. OFFICE		2. 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) December 14, 1979 Memo (Completion Schedule) June 22, 1981		Precompilation Field July 22, 1970	
II. DATUMS			
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: ☒ MEAN HIGH-WATER ☐ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE New Jersey ZONE STATE ZONE	
5. SCALE 1:10,000			
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic		BY D. Brant	May 72 / Apr 75
LANDMARKS AND AIDS BY		H. Eichert	May 72 / Apr 75
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat		PLOTTED BY D. Brant	May 22 / Apr 75
CHECKED BY H. Eichert		May 72 / Apr 75	
3. STEREOSCOPIC INSTRUMENT COMPILATION		PLANIMETRY BY R. Kravitz	Mar. 1983
INSTRUMENT: Wild B-8		CHECKED BY W. McLemore	Mar. 1983
SCALE: 1:10,000		CONTOURS BY NA	
CHECKED BY NA			
4. MANUSCRIPT DELINEATION		PLANIMETRY BY F. Mauldin	Sept. 1976
METHOD: Smooth Drafted		CHECKED BY R. Kravitz	Apr. 1983
SCALE: 1:10,000		CONTOURS BY NA	
HYDRO SUPPORT DATA BY F. Mauldin		Sept. 1976	
CHECKED BY R. Kravitz		Apr. 1983	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		BY R. Kravitz	Apr. 1983
6. APPLICATION OF FIELD EDIT DATA		BY None	
CHECKED BY None			
7. COMPILATION SECTION REVIEW		BY R. Kravitz	Apr. 1983
8. FINAL REVIEW		BY L.O. Neterer Jr.	Aug. 1983
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		BY L.O. Neterer Jr.	AUG 1984
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		BY	
11. MAP REGISTERED - COASTAL SURVEY SECTION		BY E. DAUGHERTY	NOV, 1984

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

T-00645

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8"L" and RC-10"C"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (C) (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE ☒ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY				ZONE Eastern	☒ STANDARD
				MERIDIAN 75th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
70L(C)9490 - 9491	Mar 11, 1970	12:32	1:20,000	5.8 ft. above MLW	
70L(C)9501 - 9503	Mar 11, 1970	12:40	1:20,000	5.9 ft. above MLW	
**75C(C)5732 - 5733 *	Apr 1, 1975	15:06	1:60,000	5.2 ft. above MLW	
**70L(C)9478 - 9482	Mar 11, 1970	12:21	1:20,000	4.5 ft. above MLW	

REMARKS * Strip 75C(C)5732-5733 is a part of a strip covering job CM-7508.

2. SOURCE OF MEAN HIGH-WATER LINE:

** The mean high water line was compiled from the above-listed compilation photography.

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
None	None	None	TP-00644

REMARKS

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION (Premarking) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Wilson	Sept. 16, 1970
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N.A.

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED None		2. VERTICAL CONTROL IDENTIFIED N.A.	
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: ☐ REPORT ☒ NONE

6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS
None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)
None

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete, pending field edit.	April 1983	Class III Manuscript	Oct. 7, 1979	Mar 7, 1980
Final Reviewed	August 1983	Class III map		

II. LANDMARKS AND AIDS TO NAVIGATION NONE

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

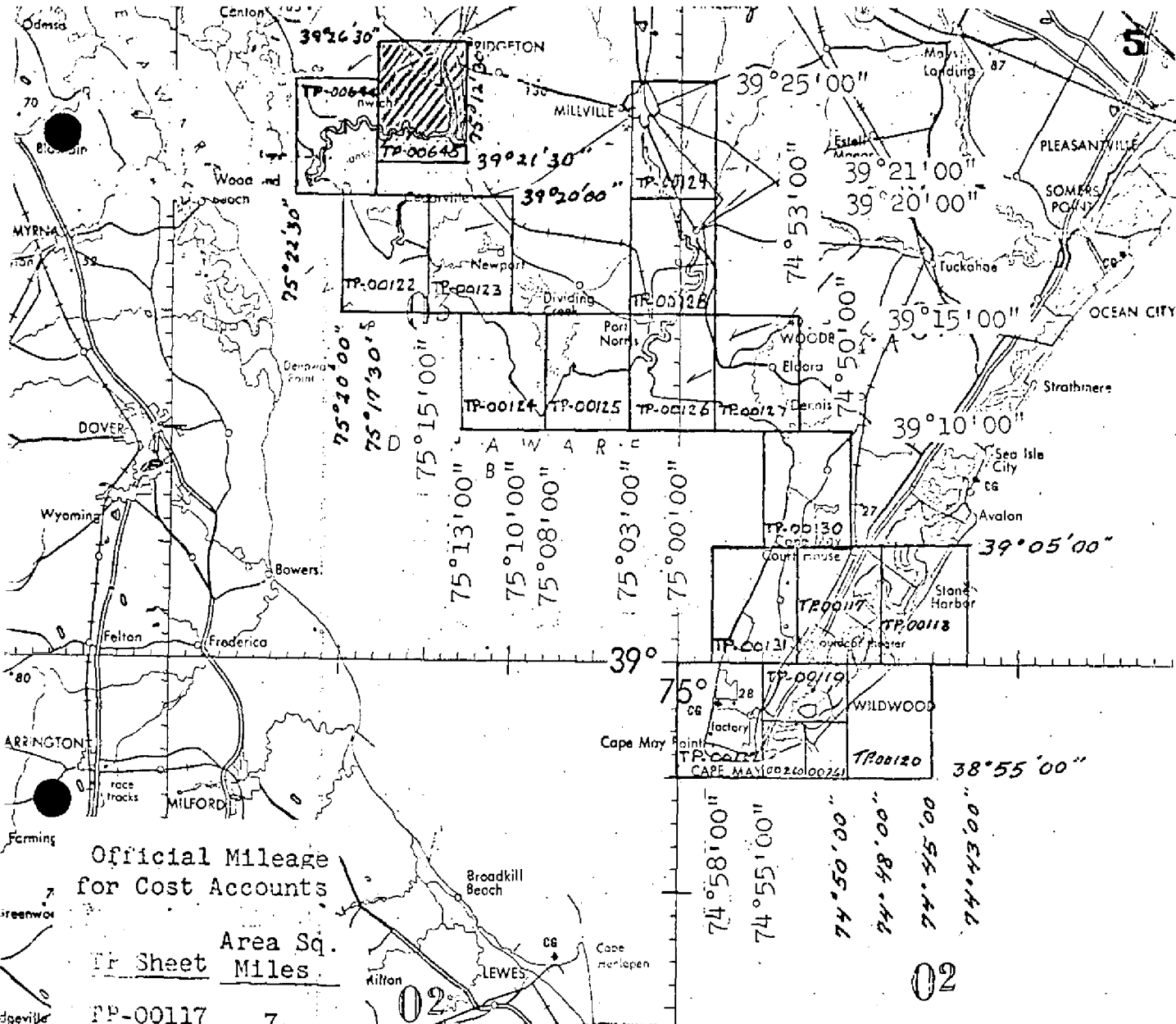
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. ~~76-37~~ ⁷⁶⁻⁴⁰ SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



Official Mileage for Cost Accounts

Tr Sheet Area Sq.
 Miles

TP-00117	7
TP-00118	12
TP-00119	2
TP-00120	2
TP-00122	4
TP-00123	3
TP-00124	4
TP-00125	3
TP-00126	6
TP-00127	2
TP-00128	4
TP-00129	3
TP-00130	3
TP-00131	3
TP-00132	4
TP-00260	3
TP-00261	3
TP-00644	5
TP-00645	4
TOTAL	77

JOB PH-7002
Cape May to Arnold Point
DELAWARE BAY, NEW JERSEY
SHORELINE MAPPING
Scale 1:10,000

REVISED 6/5/71 R.W.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00645

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 1:5000 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.

Analytic aerotriangulation was performed at the Washington Science Center in February 1971 on Part I and in May 1972 on Part II. Supplement aerotriangulation was performed to include TP-00644 and TP-00645 in April 1975 and September 1976.

Due to a hiatus in the 1970 photography, additional transparencies from PH-7505 photographs 75C(C)5731 through 5733 were used to complete maps TP-00644 and TP-00645.

No field edit was assigned for these maps.

No photo-hydro signals were located within the limits of this map.

Compilation was performed at the Atlantic Marine Center in ~~September~~ ^{APR} 1983.

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

This Descriptive Report contains all pertinent information to compile this Final Class III map.

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

FIELD INSPECTION

TP-00645

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 7 (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.

2

25. Photography

The following RC-8 photography was used in bridging:

1:40,000 scale

Strip 4	70-L(C)-8568 thru 8570
Strip 5	70-L(C)-1130A thru 1140A
Strip 6	70-L(C)-1101A thru 1124A
Strip 7	70-L(C)-1074A thru 1095A
Strip 8	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

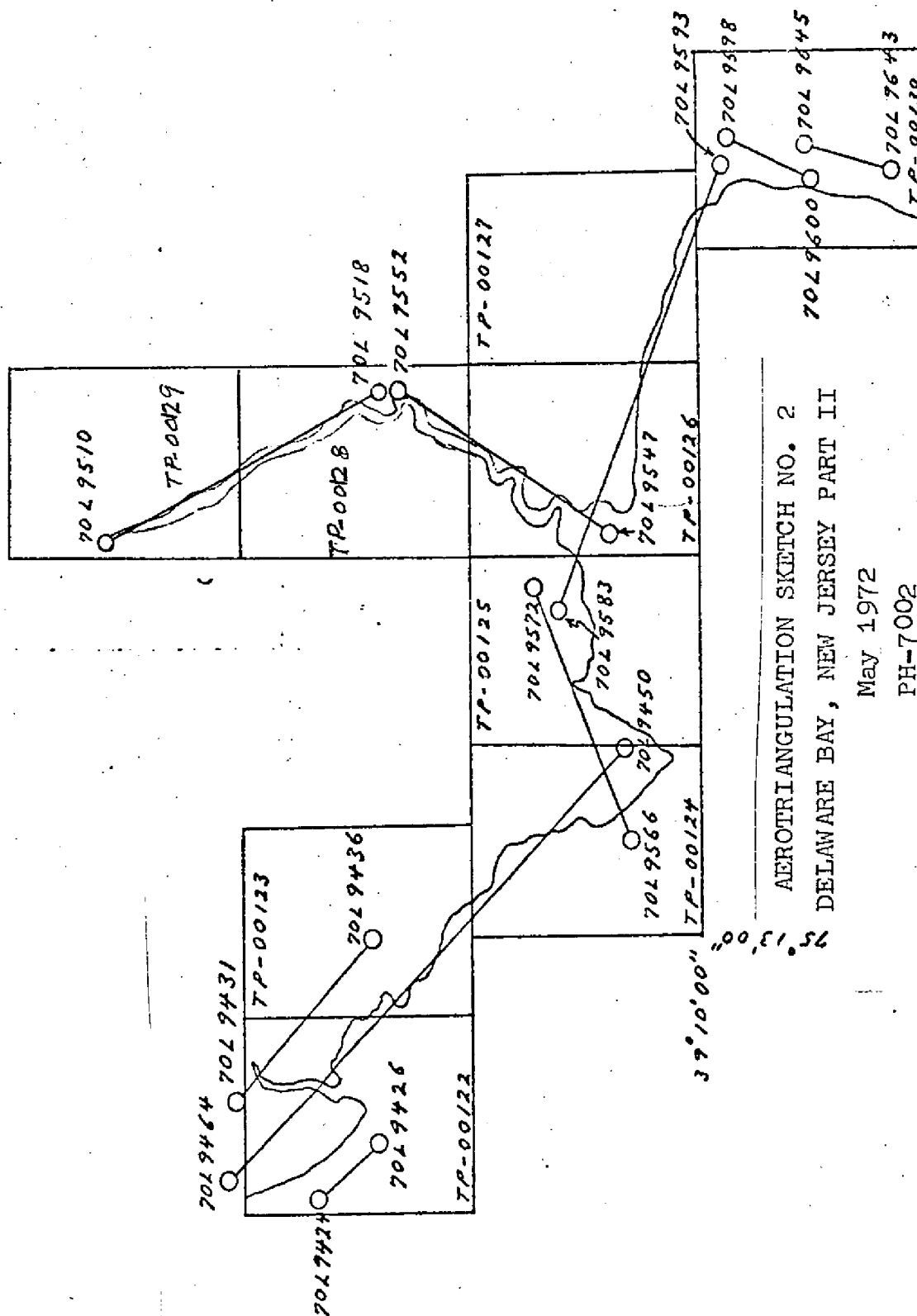
Approved and forwarded:



Henry P. Eichert, Chief
Aerotriangulation Section

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

1.	STITES, 1936 subpoint	(+0.03, +0.02)
2.	GOSHEN, 1933	(-0.04, -0.06)
3.	LEESBURG, 1932 subpoint	(+0.15, -0.02)
4.	EAST, 1933	(-0.09, +0.09)
5.	FALSE EGG ISLAND POINT WOODEN TOWER, 1933	(+0.39, +0.43)
	FALSE EGG ISLAND POINT WOODEN TOWER, 1933 subpoint	(-0.28, +0.07)
6.	JOSCELYNE, 1834	(+0.03, -0.11)
7.	BEN DAVIS POINT LIGHT, 1970	{-3.22, -1.53}
	BEN DAVIS POINT LIGHT, 1970 subpoint	{-0.07, -0.06}
8.	ARNOLD (USE), 1932 subpoint	(-0.09, -0.07)
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)



DELAWARE BAY, NEW JERSEY PART II

PH-7002

LEGEND

Δ Horizontal Control

Tie Point

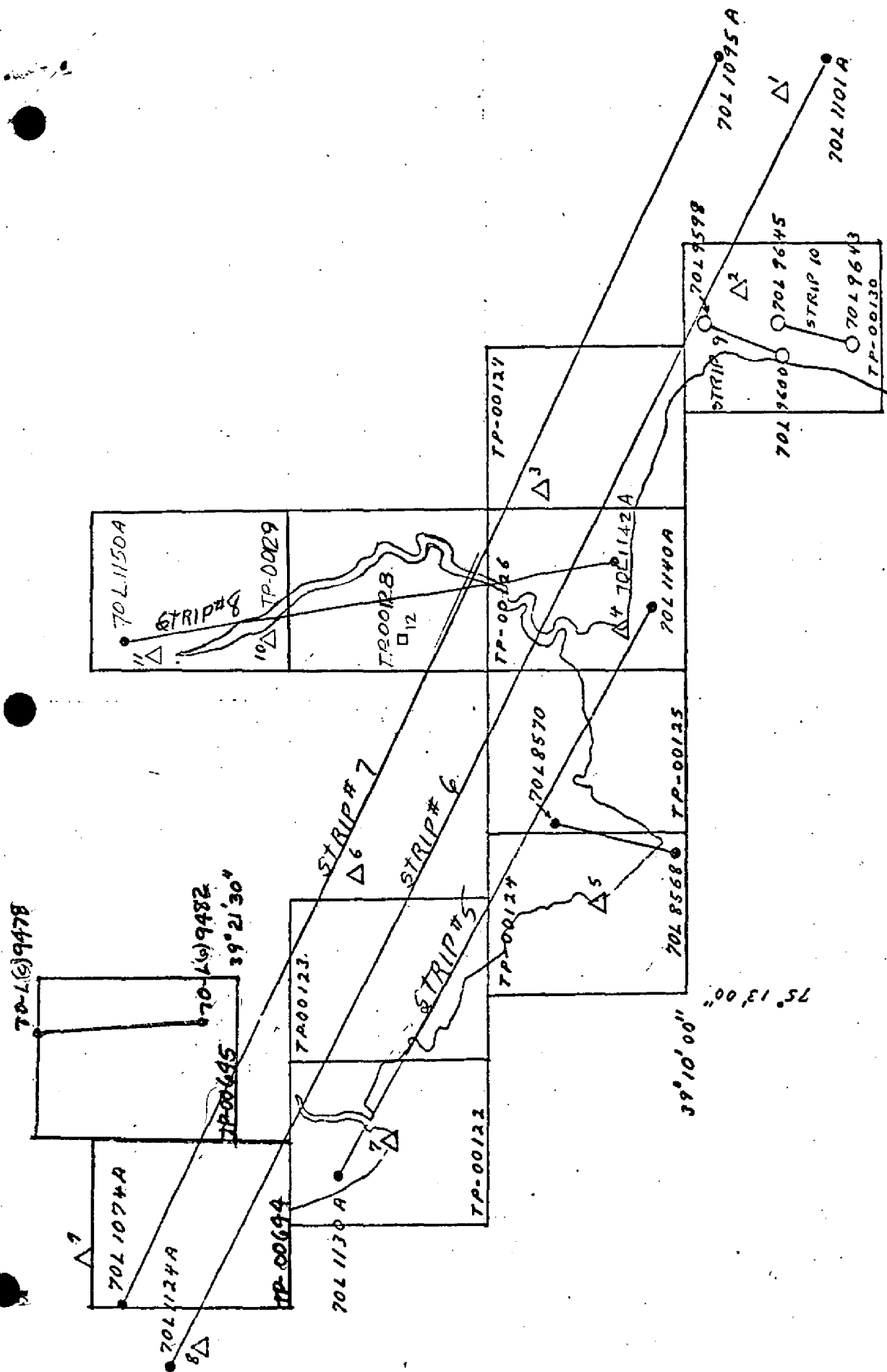
• 1:40,000 scale color photography

○ 1:20,000 scale color photography.

Supplement to
Photogrammetric Plot Report
Delaware Bay, New Jersey, Part II
Job PH-7002
April 1975

One additional strip 70L(C)9478 thru 9482 (1:20,000) was bridged to provide points to compile TP-00645. Ties were made to adjoining strips.

Two sheets at 1:10,000 scale, TP-00644 and TP-00645, were plotted on the Calcomp using the New Jersey State Plane Coordinate System.



SUPPLEMENT TO PHOTOGRAMMETRIC
PLOT REPORT
PH-7002

1975
One strip of photography was bridged in order to complete the compilation of Sheet TP-00645. The strip was adjusted using photo identified field control points, and tie points from a previously bridged strip.

The strip was bridged on 14th September 1976, and adjusted on the 16th September 1976.

The adjustment is more than adequate for its intended purpose.

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00645		JOB NO. PH-7002		GEODEIC DATUM N.A. 1927		ORIGINATING ACTIVITY Coastal Mapping Unit	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET STATE _____ ZONE _____		GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE		REMARKS
NONE			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
COMPUTED BY		DATE	COMPUTATION CHECKED BY				DATE
LISTED BY		DATE	LISTING CHECKED BY				DATE
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY				DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

TP-00645

31 - DELINEATION

Delineation was by the Wild B-8 stereoplotting instrument. April 1975 bridging photography was used to supplement the 1970 photographs, due to a gap in the 1970 photography. This map was added to the project in April 1975.

32 - CONTROL

Refer to the Photogrammetric Plot Report, dated May 1972 and the Supplements dated April 1975 and September 17, 1976.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

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

35 - SHORELINE AND ALONGSHORE DETAILS

Shoreline and alongshore details were compiled from interpretation of the photographs.

36 - OFFSHORE DETAILS

Offshore details were compiled from interpretation of the photographs.

37 - LANDMARKS AND AIDS

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

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

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

TP-00645

40 - HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report, dated May 1972 and the Supplements dated April 1975 and September 1976.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey Quadrangles: Ben Davis Point New Jersey - Delaware, scale 1:24,000, dated 1956; and Shiloh, New Jersey, scale 1:24,000, dated 1947; Bridgeton, New Jersey, scale 1:24,000, dated 1953, Cedarville, New Jersey, scale 1:24,000, dated 1956.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Survey Chart: Delaware Bay 1218, scale 1:80,000, 20th edition, dated November 3, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

Submitted by,

F. T. Mauldin
Fay T. Mauldin
Cartographer

Date: September 1976

Approved:

James L. Byrd, Jr.

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

REVIEW REPORT
SHORELINE

TP-00645

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.G.S. Quadrangle: Ben Davis Point, New Jersey - Delaware, dated 1956 and Shiloh, New Jersey, dated 1947, Bridgeton, New Jersey, dated 1953, Cedarville, New Jersey, dated 1956. All four 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.

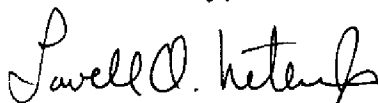
65. COMPARISON WITH NAUTICAL CHARTS

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

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by,



Lowell O. Neterer, Jr.

Final Reviewer

Approved for forwarding,



Billy H. Barnes

Chief, Photogrammetric Section, AMC

Approved:

Chief, Photogrammetric Section, Rockville

Chief, Photogrammetry Branch

May 2, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00645

Bridgeton

Cohansey River

Conrail (RR)

Dutch Neck

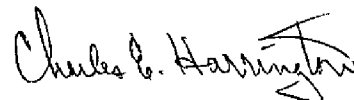
Eddy Pond

Green Swamp

Rattlesnake Gut

Rocaps Run

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW	OFFICE ACTIVITY REPRESENTATIVE
ACTIVITIES	☐ REVIEWER ☐ QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
OFFICE 1. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) 8. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75
**FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.	

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	OFFICE ACTIVITY REPRESENTATIVE ☐ REVIEWER ☐ QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75
**FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.	

