

TP-00182

TP-00182

NOAA FORM 76-35	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Shoreline
Job No. PH-6603 (PART II)	Map No. TP-00182
Classification No.	Edition No. 1
Field Edited	
LOCALITY	
State	New York
General Locality	Port Jefferson & Mt. Sinai Harbor, Long Island
Locality	Old Field Point
1970 TO 1972	
Alfred C. Holmes, Director, AMC	
REGISTRY IN ARCHIVES	
DATE	

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

Two items (only) were investigated (refer to page 21)
at the request of the hydro survey reviewer. Refer
to page 21 SB.

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE NOS Atlantic Marine Center		SURVEY TF. <u>00182</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>FIELD EDITED</u> JOB PH. <u>6603</u> (PART II)	
OFFICER-IN-CHARGE <i>Alfred C. Holmes</i> Alfred C. Holmes, Director, AMC		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Supplement I, April 1, 1971			
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify) _____	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) _____	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE <u>New York</u> ZONE <u>Long Island</u> STATE _____ ZONE _____	
5. SCALE <u>1:5,000</u>			
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: <u>Stereoplanigraph</u> LANDMARKS AND AIDS BY _____		<u>John D. Perrow, Jr.</u>	?
2. CONTROL AND BRIDGE POINTS METHOD: <u>Coradomat</u> PLOTTED BY _____ CHECKED BY _____		<u>D. Phillips</u> "	<u>April 1971</u> "
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: <u>Wild B-8</u> SCALE: <u>1:7,500</u>		PLANIMETRY BY <u>L.O. Neterer, Jr.</u> CHECKED BY <u>A.L. Shands</u> CONTOURS BY <u>N.A.</u> CHECKED BY <u>N.A.</u>	<u>Nov. 1971</u> <u>Nov. 1971</u>
4. MANUSCRIPT DELINEATION METHOD: <u>B-8 Plotter</u> SCALE: <u>1:5,000</u>		PLANIMETRY BY <u>C. Blood</u> CHECKED BY <u>C. Bishop</u> CONTOURS BY <u>N.A.</u> CHECKED BY <u>N.A.</u> HYDRO SUPPORT DATA BY <u>None</u> CHECKED BY _____	<u>Nov. 1971</u> <u>Nov. 1972</u>
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY _____		<u>C.H. Bishop</u>	<u>Dec. 1971</u>
6. APPLICATION OF FIELD EDIT DATA BY _____ CHECKED BY _____		<u>C.E. Blood</u> <u>B. Wilson</u>	<u>June 1972</u> <u>June 1972</u>
7. COMPILATION SECTION REVIEW BY _____		<u>C. Bishop</u>	<u>Dec. 1971</u>
8. FINAL REVIEW BY _____		<u>B. Kurs, AMC</u>	<u>Aug. 1973</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY _____			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY _____			
11. MAP REGISTERED - COASTAL SURVEY SECTION BY _____		<u>R. CATON</u>	<u>MAR 1976</u>

TP-00182
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "L"	TYPES OF PHOTOGRAPHY LEGEND (C) COLOR <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED	TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		ZONE Eastern	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
		MERIDIAN 75th	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
70-L-8494 & 8495	Sept. 1970	11:41	1:15000	5.8 Ft. Above MLLW
70-L-8467 & 8468	Sept. 1970	11:31	1:15000	5.4 Ft. Above MLLW

REMARKS

Photos on D.S.T. Converted to E.S.T.

2. SOURCE OF MEAN HIGH-WATER LINE:

Air Photo Compilation and Field Edit
Photography of September, 1970, Field Edit May 1972.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

None Compiled

None

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 None	EAST TP-00181	SOUTH None	WEST TP-00183
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REMARKS

NOAA FORM 76-36C (3-72)		TP-00182 HISTORY OF FIELD OPERATIONS	
U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY			
I. <input type="checkbox"/> FIELD INSPECTION OPERATION <input checked="" type="checkbox"/> FIELD EDIT OPERATION			
OPERATION	NAME	DATE	
1. CHIEF OF FIELD PARTY	R. Tibbetts	May 1972	
2. HORIZONTAL CONTROL	RECOVERED BY	R. Tibbetts-J. Wilson May/72 Sept. 70	
	ESTABLISHED BY	None	
	PRE-MARKED OR IDENTIFIED BY	J. Wilson Sept. 1970	
3. VERTICAL CONTROL	RECOVERED BY	N.A.	
	ESTABLISHED BY	"	
	PRE-MARKED OR IDENTIFIED BY	"	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY		
	LOCATED (Field Methods) BY	Bricknell A. May 1972	
	IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input checked="" type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	A. Bricknell May 1972	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	None	
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70-L-(c)8468	Tank, R.M.1, 1931		
70-L-(c)8493			
70-L-(c)8466	West Range 2, 1969		
3. PHOTO NUMBERS (Clarification of details)			
70-L-(c)-8467 70-L-(c)8468 70-(c)-8494 70-L(c)-8495			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
70-L-8466	Old Field Point Light		
5. GEOGRAPHIC NAMES: <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS			
None			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)			

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 of MML Prior Field Edit Applied to T-12396 (1:20,000 scale).	Nov. 23/71	Superseded		
Field Edit Applied	June 22/72	Superseded		
Final Review	July 1973			

II. LANDMARKS AND AIDS TO NAVIGATION

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: _____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 567 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 <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

Page 9 5

Photogrammetric Plot Report
Job PH-6603
Port Jefferson, New York

21. Area Covered This project covers an area of Long Island, New York, from Crane Neck Point to Sound Beach. Included in this area are shoreline surveys TP-00181 through TP-00184.

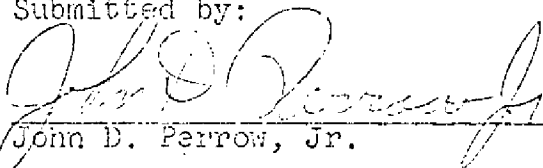
22. Method Two bridges were run on the C-8 Stereoplani-graph to provide control for the compilation of the area. The bridges were adjusted to the Lambert projection in the Long Island zone. All pass points and control were plotted on the Coradimat. Strip #1 was adjusted on five horizontal control points with two additional control points and three tie points as checks. Strip #2 was adjusted on three horizontal control points with four additional control points and three tie points as checks.

23. Adequacy of Control The horizontal control, which was provided, complied with project instructions and was adequate for bridging. All control held within National Map Accuracy Standards.

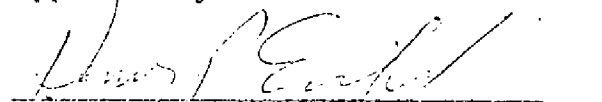
24. Supplemental Data Local USGS quads were used to provide rough vertical control for bridging purposes.

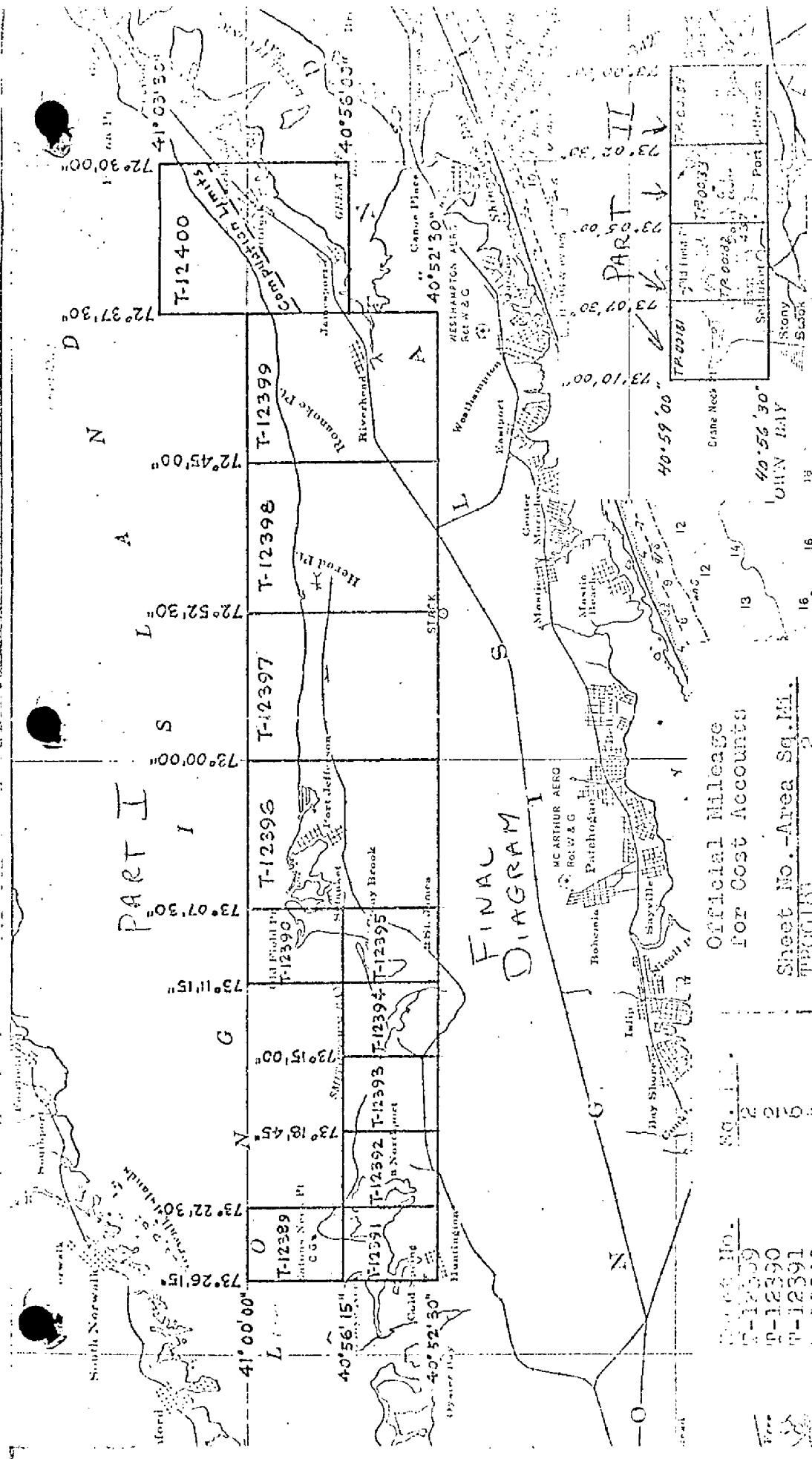
25. Photography All photography was adequate as to coverage, overlap and definition.

Submitted by:


John D. Perrow, Jr.

Approved by:


Henry P. Eichert
Chief, Aerotriangulation Section



JOB PH - 6603

SHORELINE MAPPING

NORTH SHORE, LONG ISLAND N.Y

Eatons Neck to Mattituck Inlet

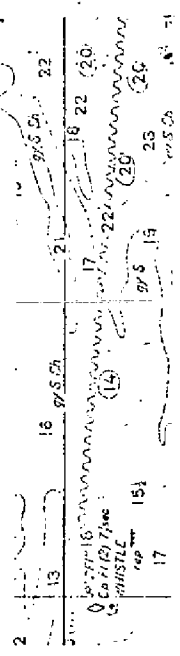
SCALE 1:5000 & 1:10,000 & 1:20,000

Official Mileage
For Cost Accounts

Sheet No.-Area Sq.Mi.

TP00181
TP00182
TP00183
TP00184

Section No.	Area Sq.Mi.
T-12389	0.00
T-12390	0.00
T-12391	0.00
T-12392	0.00
T-12393	0.00
T-12394	0.00
T-12395	0.00
T-12396	0.00
T-12397	0.00
T-12398	0.00
T-12399	0.00
T-12400	0.00
Total	0.00



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT TP-00182

Shoreline survey TP-00182 is one of four 1:5,000 scale manuscripts added to Project PH-6603. These four sheets cover Port Jefferson and Mt. Sinai Harbor. This sheet covers from Old Field Point to the entrance of Port Jefferson and includes the western part of Port Jefferson Harbor.

This area was field inspected in June 1966 for survey T-12396 (Registered) at 1:20,000 scale. The field inspection consisted of the identification of horizontal control, shoreline, interior inspection, location of fixed aids to navigation and a Geographic Names Investigation. *

Compilation was at 1:5,000 scale by B-8 plotter using September, 1970 photography. Hydrography was completed prior to compilation therefore no specially prepared photos were ordered or made. See Instructions - Office - PH-6603 Supplement I 5.02 dated April 1, 1971. These were interpreted by the compiler, to mean no photo-centers were required. A field edit ozalid and two clean ozalids plus a set of matte ratio prints were sent for the use of the field editor.

After the application of field edit the manuscript was scribed, stuck-up and reproduced on cronaflex. Final review was accomplished, without the benefit of photo-centers, at AMC during August, 1973. One cronaflex copy and a negative of the final reviewed manuscript are forwarded for record and registry.

* Part I of PH-6603

FIELD INSPECTION

TP-00182

Area was field inspected under T-12396.

Photogrammetric Plot Report
Job PH-6603
Port Jefferson, New York

21. Area Covered This project covers an area of Long Island, New York, from Crane Neck Point to Sound Beach. Included in this area are shoreline surveys TP-00181 through TP-00184.

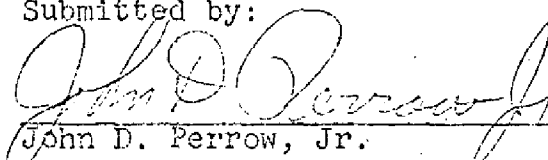
22. Method Two bridges were run on the C-8 Stereoplanigraph to provide control for the compilation of the area. The bridges were adjusted to the Lambert projection in the Long Island zone. All pass points and control were plotted on the Coradimat. Strip #1 was adjusted on five horizontal control points with two additional control points and three tie points as checks. Strip #2 was adjusted on three horizontal control points with four additional control points and three tie points as checks.

23. Adequacy of Control The horizontal control, which was provided, complied with project instructions and was adequate for bridging. All control held within National Map Accuracy Standards.

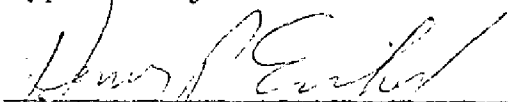
24. Supplemental Data Local USGS quads were used to provide rough vertical control for bridging purposes.

25. Photography All photography was adequate as to coverage, overlap and definition.

Submitted by:


John D. Perrow, Jr.

Approved by:


Henry P. Eichert
Chief, Aerotriangulation Section

JOB PH-6603

MARCH, 1971

(PART II)

PORT JEFFERSON

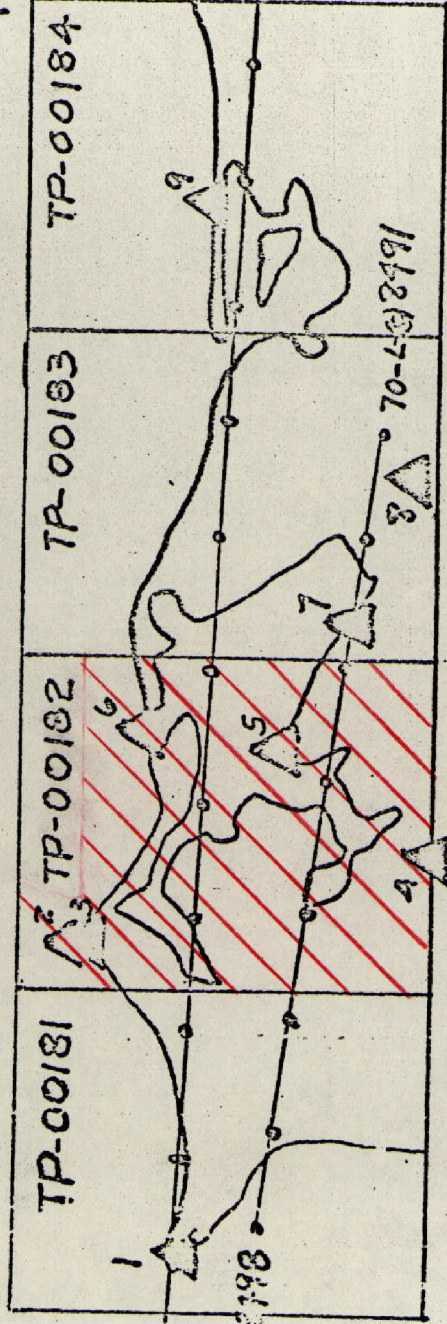
N.Y.

73°10'00"

73°00'00"

40° 54' 00"

40° 56' 30"



- #1 CRANE NECK, 1834
- #2 OLD FIELD PT. L.H., 1882
- #3 WEST RANGE 2, 1969
- #4 SETAUKET, METH. CH. SPIRE, 1931
- #5 TANK RN#1, 1831
- #6 JETTY (PORT JEFFERSON EAST BREAKWATER LT.) 1931
- #7 PORT JEFFERSON, LONG ISLAND LIGHTING CO. CENTER STACK, 1962
- #8 PORT JEFFERSON, ST. CHARLES HOSP. CROSS, 1967
- #9 TRIPOD 2, 1939
- #10 HALLOCK 2, 1931

MAP T- P-00182

PROJECT NO. PH-6603

SCALE OF MAP 1:5,000

SCALE FACTOR _____ None

[illegible]

None

SCALE OF MAP 1:5,000

SCALE FACTOR

[illegible]

COMPUTED BY

PUT BY
A.C. Rauck, Jr.

DATE _____

Oct. 8, 1971

CHECKED BY

T.J. Bulfer

DATE

DATE October 14, 1971

COMPILATION REPORT

TP-00182

31. DELINEATION

The Wild B-8 was used.

32. CONTROL

See Photogrammetric Plot Report, Port Jefferson, New York.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are not applicable.

Drainage was compiled from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line was delineated from office interpretation of the photographs. There were no low water photographs available at the time of compilation, therefore no low water line was mapped.

36. OFFSHORE DETAILS

Rocks and wrecks detached from the foreshore area were compiled from office interpretation of the photographs.

37. LANDMARKS AND AIDS

38. CONTROL FOR FUTURE SURVEYS

None.

1966
were ¹ field inspection
and or field edit
data used for
item 35 or 36. If
not why?

39. JUNCTIONS

A satisfactory junction has been made with TP-00183 to the east and TP-00181 to the west. There is no contemporary survey to the north or the south. All sheets mentioned are 1:5,000 scale.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison with U.S.C. & G.S. Quadrangle Port Jefferson, NY. 1:24,000 scale, dated 1967.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison with U.S.C. & G.S. chart #117-SC scale 1:10,000 10th Ed. Sept. 1970 and chart 361 scale 1:10,000 11th Ed. April 14th 1969 has been made.

ITEMS TO BE CARRIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted:

Charles E. Blood
Charles E. Blood
Cartographic Technician
Dec. 6, 1971

Approved for Forwarding:

Melvin J. Umbach
Melvin J. Umbach, CDR, NOAA
Chief, Coastal Mapping Division
AMC

Approved:

Alfred C. Holmes
Alfred C. Holmes
RADM, NOAA
Director, Atlantic Marine Center

July 27, 1973

GEOGRAPHIC NAMES

FINAL NAME SHEETS

Ph-6603 (New York)

TP-00182

Conscience Bay

East Setauket

Little Bay

Long Island Sound

Old Field

Old Field Beach

Old Field Point

Poquott

Port Jefferson Harbor

Setauket

Setauket Harbor

Strongs Neck

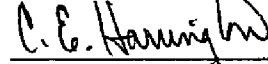
The Narrows

Approved:



F. F. Ceely, Jr.
Chief, Scientific Services Division

Prepared by:



C. E. Harrington
Geographic Names

TP-00182

Job Ph-6603 Port Jefferson

NOTES FOR THE FIELD EDITOR

These four 1:5,000 scale sheets were previously mapped as T-12390 at 1:10,000 scale and T-12396 at 1:20,000 scale. They have been finally reviewed. Field edit of the shoreline and interior details for these two sheets was done during 1967 and 1968 and was applied prior to final review.

Additional field edit of the mean high water line for these four sheets will be required. The Sept. 1970 photos indicate several berm lines on the beaches and other apparent shoreline changes, making an accurate delineation of the mean high water line difficult. An interior field edit is not required.

The mean high water line may be edited by measurements to the line from *at the areas designated by (A) and other areas, as may be required,* photo points, or by delineating it on the matte ratios furnished.

FORM C&GS-1002
(9-66)U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEYPHOTOGRAMMETRIC OFFICE REVIEW
T.P-00182

1. PROJECTION AND GRIDS CHB	2. TITLE CHB	3. MANUSCRIPT NUMBERS CHB	4. MANUSCRIPT SIZE
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) None		7. PHOTO HYDRO STATIONS None
8. BENCH MARKS None	9. PLOTTING OF SEXTANT FIXES None	10. PHOTOGRAMMETRIC PLOT REPORT CHB	11. DETAIL POINTS
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE CHB	13. LOW-WATER LINE X	14. ROCKS, SHOALS, ETC. CHB	15. BRIDGES None
16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES CHB	19. OTHER ALONGSHORE CULTURAL FEATURES CHB
PHYSICAL FEATURES			
20. WATER FEATURES		21. NATURAL GROUND COVER N.A.	22. PLANETABLE CONTOURS
23. STEREOSCOPIC INSTRUMENT CONTOURS N.A.	24. CONTOURS IN GENERAL N.A.	25. SPOT ELEVATIONS N.A.	26. OTHER PHYSICAL FEATURES
CULTURAL FEATURES			
27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
BOUNDARIES			
31. BOUNDARY LINES N.A.		32. PUBLIC LAND LINES N.A.	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES CHB		34. JUNCTIONS CHB	35. LEGIBILITY OF THE MANUSCRIPT CHB
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
40. REVIEWER Charles H. Bishop 12/2/71 (Before Field Edit)		SUPERVISOR, REVIEW SECTION OR UNIT A.C. Rauck, Jr. <i>Albert C. Rauck, Jr.</i>	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER Charles E. Blood June 22/1972 Reviewer: B. Wilson June 26/1972		SUPERVISOR A.C. Rauck, Jr. <i>Albert C. Rauck, Jr.</i>	
43. REMARKS Field Edit Applied From: Matte Photos 70-L-(c)-8494, 8495, 8467, 8468, 8469, Field Edit Ozalid Forms 76-40.			

FIELD EDIT REPORT
Job PH-6603
PORT JEFFERSON AND MT. SINAI
HARBOR, LONG ISLAND, NEW YORK

This report is submitted for Manuscript No. TP 00182.
The field edit for this sheet was completed April, 1972.

52. ADEQUACY OF COMPILATION

The compilation was generally good and after application of field edit corrections, additions, and deletions compilation will be adequate.

54. RECOMMENDATIONS

None.

56. SHORELINE AND ALONGSHORE FEATURES

Distances were measured to the mean high water line from photo points pricked on photos 70L 8467, 8469, and 8471. Two Bluffs that were not shown on the ozalid are delineated on photo 70L 8467, and are cross referenced from the ozalid. Other changes are noted on the ozalid and/or photos and are cross referenced.

58. LANDMARKS AND AIDS

Form 76-40 is submitted for all fixed aids to Navigation. No form was submitted for Landmarks as no changes were noted. OLD FIELD POINT LIGHT is not shown on ozalid. This aid should be shown as indicated on sheet TP-12396 and Photo 70L8466. PORT JEFFERSON EAST BREAKWATER LIGHT has been torn down and a new light erected on the same concrete base, but with a different position. A sextant fix was taken and a sketch made for help in locating the new position.

Three sextant fixes were taken on the PORT JEFFERSON HARBOR RANGE and are plotted on this sheet.

59. GENERAL STATEMENT

All field edit notes have been made in violet ink on the field edit sheet and ratio photographs.

12 May 1972
Submitted by:

Arthur R. Bricknell
ARTHUR R. BRICKNELL
Surveying Technician

NOAA FORM 76-40 (2-71) PRESCRIBED BY PHOTOGRAMMETRY INSTRUCTION NO. 64.						U.S. DEPARTMENT OF COMMERCE—NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION						ORIGINATING ACTIVITY <input type="checkbox"/> FIELD INSPECTION <input type="checkbox"/> FIELD EDIT <input checked="" type="checkbox"/> COMPILATION <input type="checkbox"/> FINAL REVIEW					
			NONFLOATING AIDS OR LANDMARKS FOR CHARTS			DATE June 22, 1972											
JOB NUMBER PH- 6603			SURVEY NUMBER T - TP-00182			DATUM NA 1927			METHOD AND DATE OF LOCATION (See instructions on reverse of this form)			CHARTS AFFECTED					
STATE: New York			DESCRIPTION			LATITUDE 0 /			LONGITUDE D.METERS / D.METERS			FIELD INSPECTION		COMPILATION		FIELD EDIT	
<input checked="" type="checkbox"/>	TO BE CHARTED		* Port Jefferson East Break water light	40 58 19.83	73 05 31.34				F-4c	4-19-72	361 117SC 1212						
<input type="checkbox"/>	TO BE DELETED		(Port Jefferson West Breakwater Light 1951)	40 58 13.08	73 05 871.4				Triang Rec	4-19-72	361 117SC 1212						
			Old Field Point Light	40 58 36.859	73 07 8.415				Triang Rec	4-18-72	361 117SC 1212						
			(Old Field Point Beacon 1951)	40 58 37.0373	73 07 196.74												
			* This light rebuilt on old foundation. Position changes very little from original light.														

The following objects have (have not) been inspected from seaward to determine their value as landmarks:

RESPONSIBLE PERSONNEL			
TYPE OF ACTION	NAME	TITLE	
1. Objects inspected from seaward		<input type="checkbox"/> FIELD INSPECTOR	<input type="checkbox"/> FIELD EDITOR
2. Positions determined and/or verified		FIELD INSPECTOR	FIELD EDITOR
	C. E. Blood	COMPILER	
3. Forms originated by Quality Control and Review Group and final review activities		<input type="checkbox"/> REVIEWER	<input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control.

COLUMN TITLE

TYPE OF ENTRIES

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

FIELD INSPECTION AND FIELD EDIT 1. New Position Determined—Enter the applicable data by symbols as indicated below:

- | | |
|------------------|---------------------|
| F — Field | P — Photogrammetric |
| 1. Triangulation | 1. Field identified |
| 2. Traverse | 2. Theodolite |
| 3. Intersection | 3. Planetable |
| 4. Resection | 4. Sextant |
| a. Theodolite | |
| b. Planetable | |
| c. Sextant | |

EXAMPLES:

F.3.c P.2

Immediately beneath the data described above, enter the following:

- For 'Field Positions' enter the date of location.
- For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

[illegible]

RESPONSIBLE PERSONNEL			
TYPE OF ACTION	NAME	TITLE	
1. Objects inspected from seaward		<input type="checkbox"/> FIELD INSPECTOR <input type="checkbox"/> FIELD EDITOR	
2. Positions determined and/or verified		FIELD INSPECTOR	
		FIELD EDITOR	
	F. Margiatta	COMPILER	REVIEWER QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
3. Forms originated by Quality Control and Review Group and final review activities			

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control.

COLUMN TITLE

TYPE OF ENTRIES

COMPILATION

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

FIELD INSPECTION
AND

FIELD EDIT

1. New Position Determined—Enter the applicable data by symbols as indicated below:

- | | | |
|------------------|---------------------|-----------|
| F — Field | P — Photogrammetric | EXAMPLES: |
| 1. Triangulation | 1. Field identified | F. 3.c |
| 2. Traverse | 2. Theodolite | P. 2 |
| 3. Intersection | 3. Planetable | |
| 4. Resection | 4. Sextant | |
| a. Theodolite | | |
| b. Planetable | | |
| c. Sextant | | |

Immediately beneath the data described above, enter the following:

- For 'Field Positions' enter the date of location.
- For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

2. Triangulation Station Recovered — Enter 'Triang. Rec. mo/day/yr.'

3. Position Verified — Enter 'Verif. mo/day/yr.'

* U.S. GOVERNMENT PRINTING OFFICE: 1971-769374/445 REG. #6

REVIEW REPORT TP-00182

SHORELINE

August, 1973

61. GENERAL STATEMENT

See summary which is page 6 of the Descriptive Report.

There are numerous charted rocks, both sunken and awash, in the vicinity of Old Field Point. Neither of the field inspections of 1967 or 1972 gave much data pertaining to these. Wave action on the 1970 photography, which was taken at between five and six feet (predicted) above MLW made positive identification of most of these rocks impossible. Some rocks were visible and shown on the manuscript with no height.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A visual comparison was made with Registered Survey T-12396 at 1:20,000 scale dated 1969. There is very good agreement.

Comparison was also made with Reg. Survey T-9844, 1:5,000 scale field inspected and compiled in 1951. No ~~discrepancy~~ prints were made because the changes that have occurred are either natural or man-made. In shoreline areas of this nature changes will occur with each storm. TP-00182 supersedes all previous registered surveys and should be used for nautical chart construction purposes.

*Cartographic
Comparison
prints*

63. COMPARISON WITH CHARTS OF OTHER AGENCIES

A visual comparison was made with U.S.G.S. Quadrangle Port Jefferson, NY dated 1967 at 1:24,000 scale. There is good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydro-survey available in this office. * *See note page 21*

65. COMPARISON WITH NAUTICAL CHARTS

A visual comparison was made with Chart 117-SC, 12th edition, dated November, 1972 at 1:40,000 scale. There is good general agreement except for wreck off the east end of old Field Beach, which is not visible on the photographs. Comparison was also made with Chart 361, 1:10,000 scale dated May 13, 1972. See differences noted in red on ~~discrepancy print~~.

Cartographic comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey complies with instructions and meets the National Standards of Map Accuracy.

Reviewed by:

Bernard Kurs

Bernard Kurs
Cartographer

Approved for forwarding:

Melvin J. Umbach
Melvin J. Umbach, CDR, NOAA
Chief, Coastal Mapping Division, AMC

Approved:

Alfred C. Holmes
Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center

Approved:

Chief, Photogrammetric Branch Chief, Coastal Mapping Division

* Two obstructions (pipes or piles) shown on published chart are not shown on this map. No comment by the editor or reviewer (photo). They are not visible on the photography.
One of the charted obstructions is shown on Job map T-12396, scale 1:20,000 (compiled as a part of Job PH-6603, Part I.)
Objects charted inside entrance to Port Jefferson Harbor

SB
Feb. 24, 1976

57'45"

- Nautical chart
361

$$70^{\circ} 07' 30''$$

07' 15"

07

06' 45"



TP-0018

40° 58' 30"

g = 274,000 FT.

58' 15"

73° 07' 30"

OLD FIELD POINT LIGHTHOUSE 1882
(Abandoned Stone) Ht = 54 (94)

Old Field Point

Foul with rock

Rocks not visible
on photos

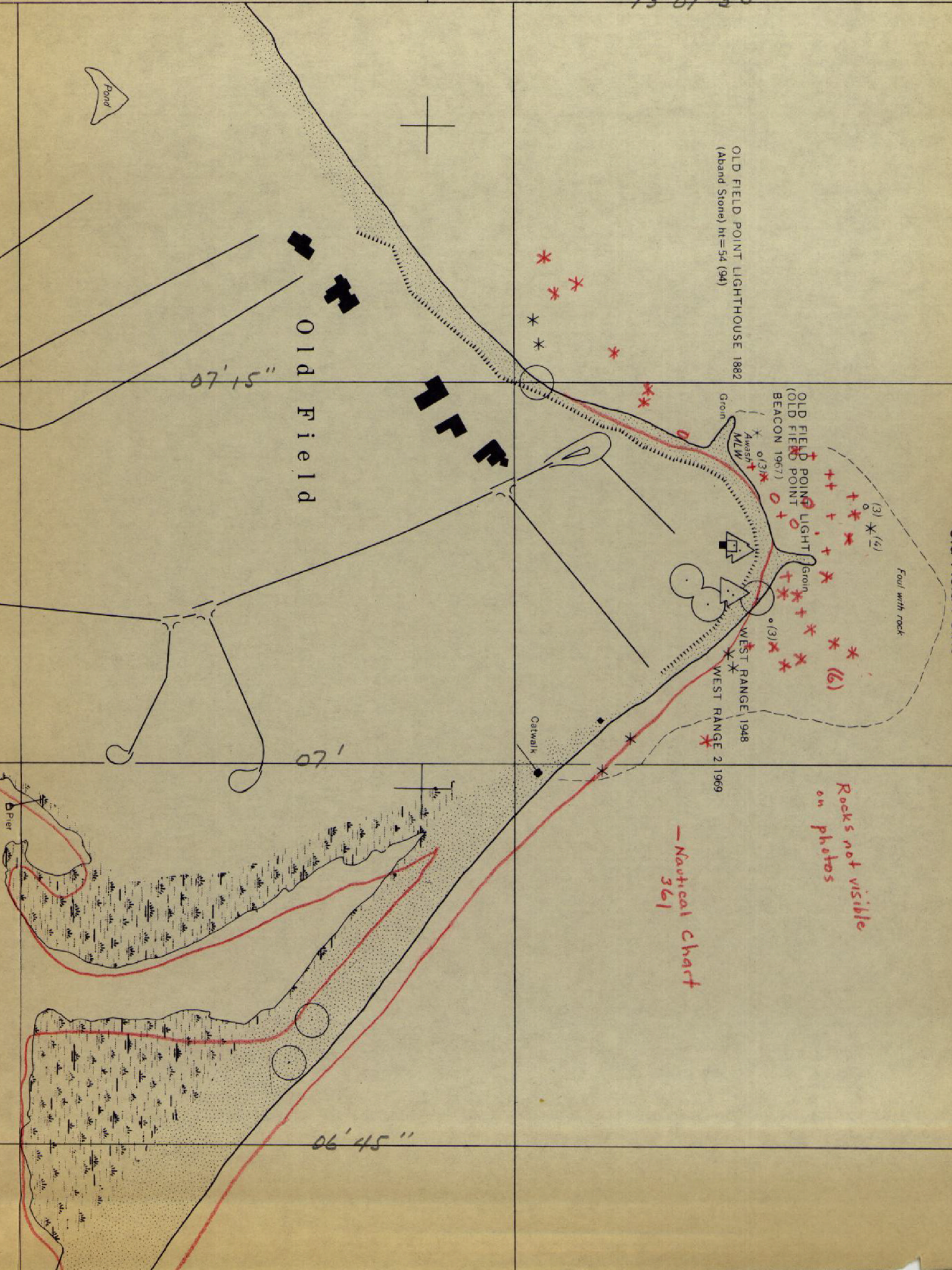
-Nautical chart
361

Old Field

07' 15"

07'

06' 45"



TR 00182

Stroms
Bulldozers
2 (16)

