

TP- 00183

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey ShorelineJob No. PH-6603 (R&S II) Map No. TP-00183

Classification No. Field Edited Edition No.

LOCALITY

State New YorkGeneral Locality Port Jefferson & Mt. Sinai Harbor, Long IslandLocality Mt. Misery Point1970 TO 1972

Alfred C. Holmes, Director, AMC

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR *
TO REGISTRATION

* one specific item (only) was investigated
(refer to page 22) at the request of the
hydro survey reviewer. The two dolphins
(of five in a row) shown prior to this
investigation were removed from the
map + map copies.

SB/

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY

- ☒ ORIGINAL
☐ RESURVEY
☐ REVISED

SURVEY TF. 00183

MAP EDITION NO. (F)

MAP CLASS Field edited

JOB PH. 6603 (PART II)

PHOTOGRAMMETRIC OFFICE

NOS Atlantic Marine Center

OFFICER-IN-CHARGE

Alfred C. Holmes, Director, AMC

LAST PRECEDING MAP EDITION

TYPE OF SURVEY

- ☐ ORIGINAL
☐ RESURVEY
☐ REVISED

JOB PH. _____

MAP CLASS _____

SURVEY DATES:

19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE

Supplement I - April 1, 1971

2. FIELD

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 YorkZONE
Long Island

5. SCALE

1:5,000

STATE

ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Stereoplanigraph	BY LANDMARKS AND AIDS BY	John D. Perrow, Jr.	?
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY CHECKED BY	D. Phillips "	April 1971
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:7,500	PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY	L.O. Neterer, Jr. A.L. Shands N.A. "	Nov. 1971 Nov. 1971
4. MANUSCRIPT DELINEATION C. Blood Dec. 1971 METHOD: SCALE: 1:5000	PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY	N.A. " None "	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	C.H. Bishop	Dec. 1971
6. APPLICATION OF FIELD EDIT DATA	BY	C.E. Blood	June 1972
7. COMPILATION SECTION REVIEW	BY	B. Wilson	June 1972
8. FINAL REVIEW	BY	B. Wilson	June 1972
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	Bernard Kurs, AMC	Aug. 1973
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	K. CATR	MAR 1976

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES				Eastern	
<input type="checkbox"/> REFERENCE STATION RECORDS				MERIDIAN	
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				75th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
70-L-(c)-8469 thru 8471	Sept.19/70	11:31	1:15,000	5.4 ft. Above MLLW	
70-L-(c)-8492 & 8491	Sept.19/70	11:41	1:15,000	5.8 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
Compilation Photography Sept. 1970, Field Edit May 1972.

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

None Compiled.

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	TP-00182	None	TP-00184

REMARKS

NOAA FORM 76-36C (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
TP-00183 HISTORY OF FIELD OPERATIONS			
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 ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	R. Tibbetts & J. Wilson None J. Wilson Sept. 1970
3. VERTICAL CONTROL		RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	N.A. " "
4. LANDMARKS AND AIDS TO NAVIGATION		RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	A. Bricknell A. Bricknell May 1972 " "
5. GEOGRAPHIC NAMES INVESTIGATION		TYPE OF INVESTIGATION <input checked="" type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION	A. Wraight
6. PHOTO INSPECTION		CLARIFICATION OF DETAILS BY	A. Bricknell May 1972
7. BOUNDARIES AND LIMITS		SURVEYED OR IDENTIFIED BY	N.A.
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
		N.A.	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70-L-(c)-8491	Port Jefferson St. Charles Hospital Cross 1967		
3. PHOTO NUMBERS (Clarification of details) 70-L-(c)-8470 thru 8472 & 70-L-(c)-8492			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
70-L-(c)-8492	Port Jefferson Harbor Front Range Lt. 1972		
70-L-(c)-8492	Port Jefferson Harbor Rear Range Lt. 1972.		
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 MHWL. Prior Field Edit Applied to T-12396 (1:20,000)	Dec. 3/71	Superseded		
Field Edit Applied	June 1972	Superseded		
Final Review	Aug. 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: _____

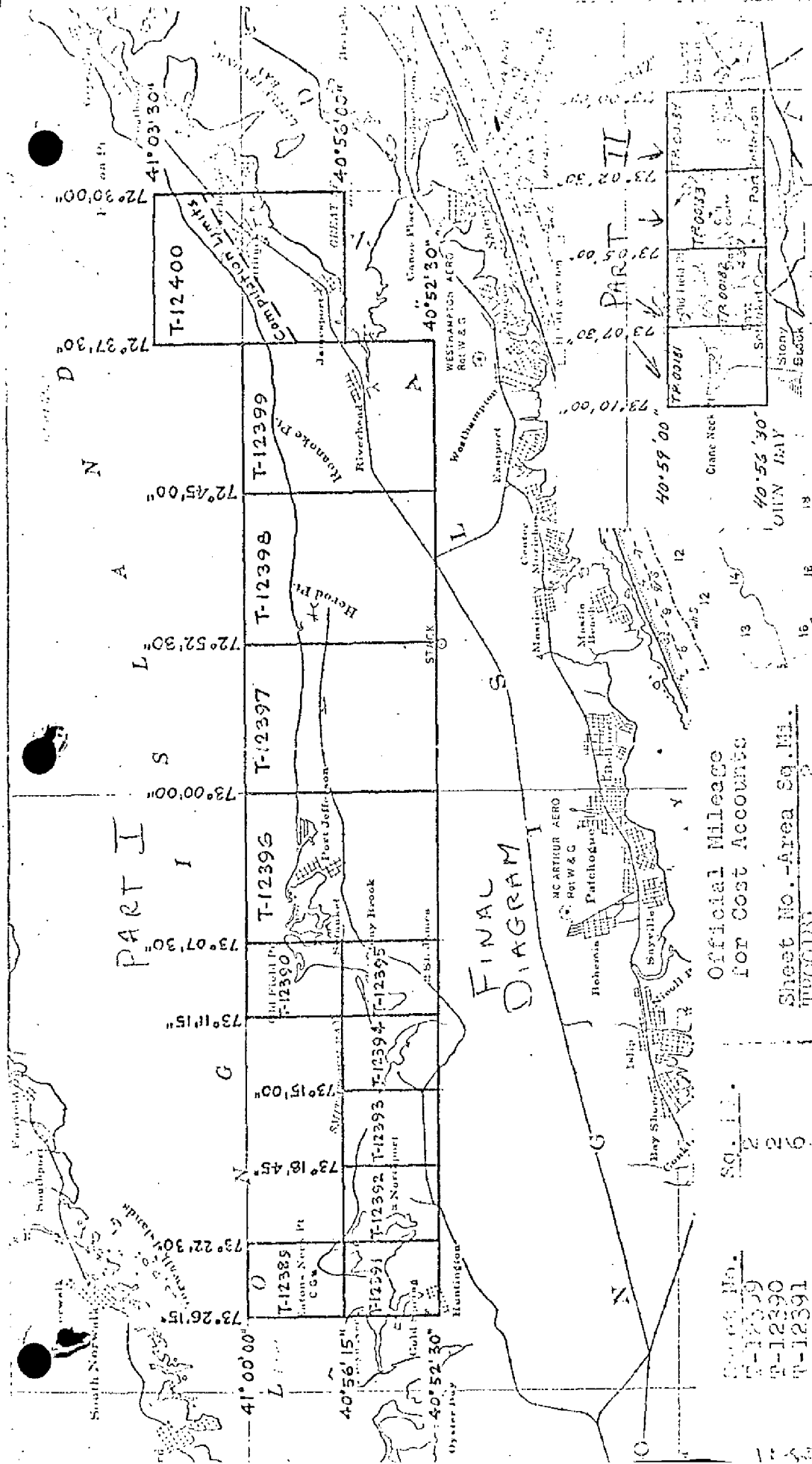
III. FEDERAL RECORDS CENTER DATA

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	

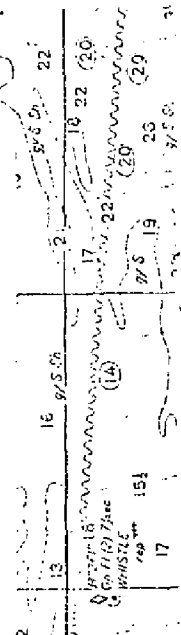


JOB PH-6603
SHORELINE MAPPING
 NORTH SHORE, LONG ISLAND N.Y.
 Eatons Neck to Mattituck Inlet
 SCALE 1:5000 & 1:10,000 & 1:20,000

**FINAL
 DIAGRAM I**

Official Mileage
 for Cost Accounts
 Sheet No.-Area Sq. Mi.
 TPOC181
 TPOC182
 TPOC183
 TPOC184

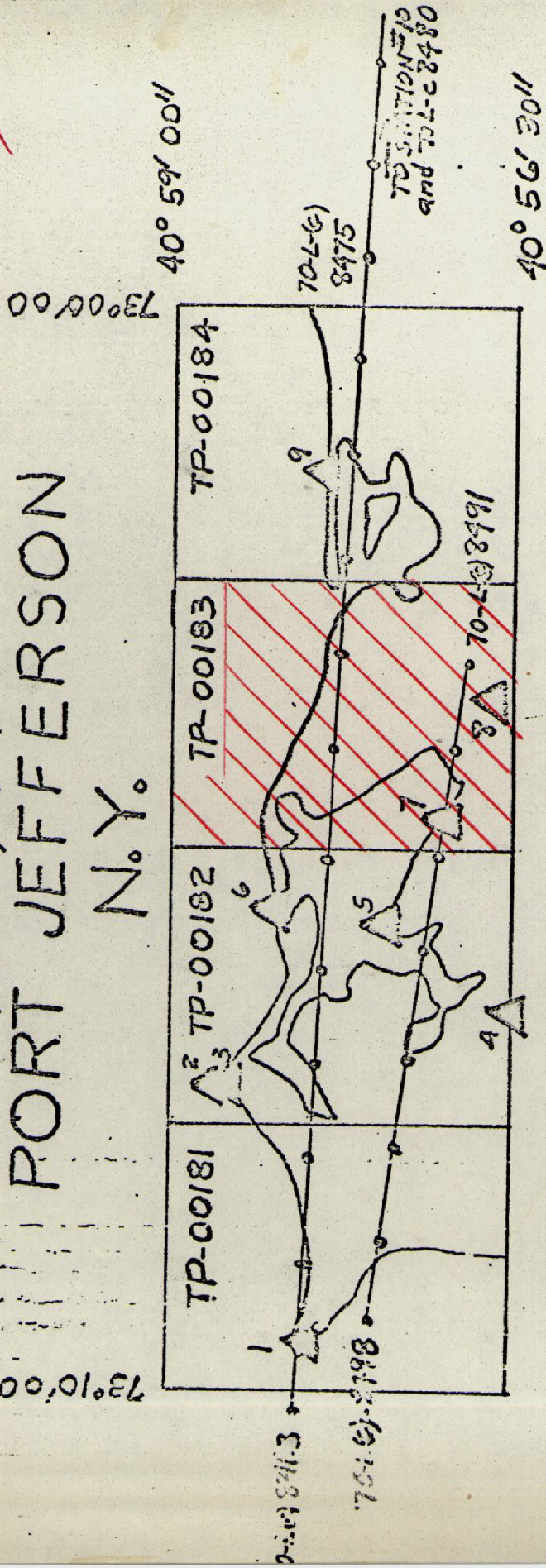
Sq. Mi.	Area
T-12389	1.00
T-12390	1.00
T-12391	1.00
T-12392	1.00
T-12393	1.00
T-12394	1.00
T-12395	1.00
T-12396	1.00
T-12397	1.00
T-12398	1.00
T-12399	1.00
T-12400	1.00
Total	12.00



(Part II)

PORT JEFFERSON

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- #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
#8 PORT JEFFERSON, ST. CHARLES HOSP. CROSS, 1969

Page 5

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SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT TP-00183

Shoreline survey TP-00183 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 the eastern portion of Port Jefferson.

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. This was 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.

* Port I of PH-6603

FIELD INSPECTION REPORT

TP-00183

PROJECT PH-6603

The entire area of this map was compiled as part of T-12396 in 1967. Field inspection was done before the compilation of T-12396 and field edit was performed in 1968. There was no other field inspection for the compilation of TP-00183.

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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.

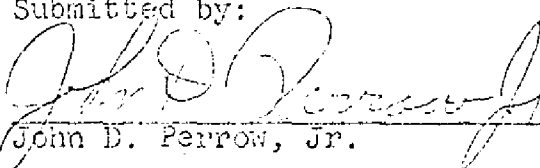
22. Method Two bridges were run on the C-8 Stereoplanigraph to provide control for the compilation of the area. The bridges were adjusted to the Lambert projection in the Long Island zone. All pass points and control were plotted on the Coradimat. Strip #1 was adjusted on five horizontal control points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

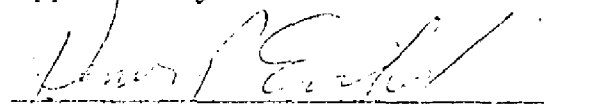
24. Supplemental Data Local USGS quads were used to provide rough vertical control for bridging purposes.

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

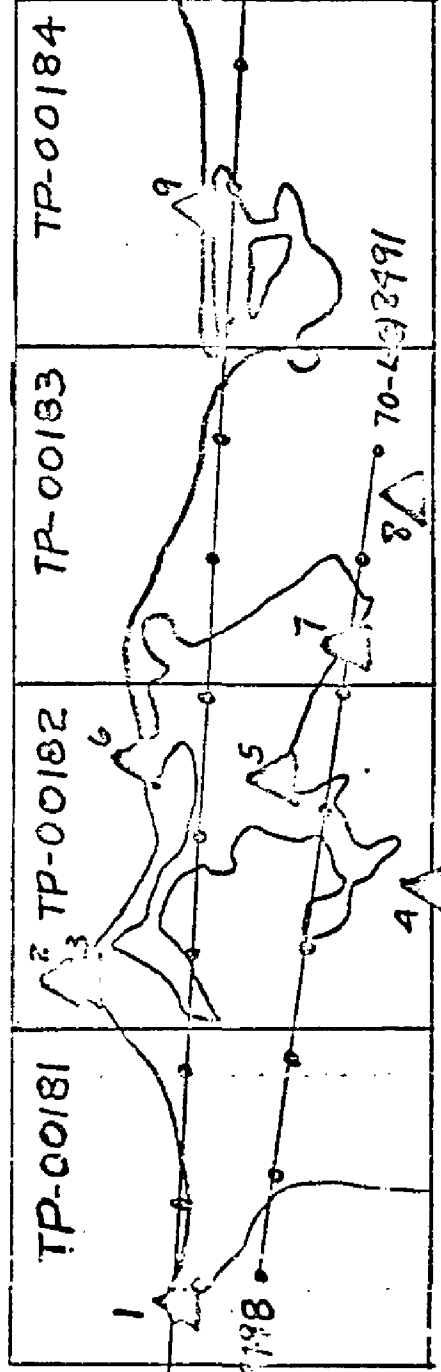
MARCH, 1971

PORT JEFFERSON

N.Y.

73° 00' 00"

40° 54' 00"



40° 56' 30"

- #1 CRANE NECK, 1834
- #2 OLD FIELD PT. L.H., 1882
- #3 WEST RANGE 2, 1869
- #4 SETAUKET, METH. CH. SPIKE, 1931
- #5 TANK RM#1, 1831
- #6 JETTY (PORT JEFFERSON E/ST 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

DESCRIPTIVE REPORT CONTROL RECORD

MAP T P-00183

PROJECT NO. PH-6603

SCALE OF MAP

~~1:5.000~~

SCALE FACTOR

None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 ft. = 3048006 meter) FORWARD (BACK)
MOUNT SINAI BREAKWATER LIGHT, 1939 DESTROYED	GP Pg. 121	N.A. 1927	40° 57' 56.00" 73° 02' 35.37"	1727.5 (123.4) 827.1 (575.9)
HARBOR, 1931 DESTROYED	GP Pg. 118	"	40° 57' 51.003" 73° 02' 33.597"	1573.3 (277.6) 785.6 (617.4)
HARBOR, RMI, 1931	Office Computation	"	40° 57' 51.025" 73° 02' 32.828"	1574.0 (276.9) 767.6 (635.4)
COMPUTED BY: A.C. Rauck, Jr.	DATE Oct. 8, 1971	CHECKED BY C. Blood	DATE Oct. 12, 1971	10

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MAP T-P-00183

PROJECT NO.

PH-6603

SCALE OF MAP

1:5,000

SCALE FACTOR None[illegible]

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COMPILATION REPORT

TP-00183

31. DELINEATION

The Wild B-8 was used.

32. CONTROL

See Photogrammetric Plot Report, Port Jefferson, New York.
No date.

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; 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.

39. JUNCTIONS

A satisfactory junction has been made with TP-00184 to the east, and TP-00182 to the west. There are no contemporary surveys to the north or south. All sheets mentioned are 1:5,000 scale.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. FIELD EDIT

Field edit was done for sheet T-12396, date of application Feb. and Dec. 1968.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with U.S.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 1, 10,000 scale 10th edition, Sept. 1970, and chart #361 1:10,000 scale 11th edition, April 14th 1969, has been made.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD


None.

Submitted:


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

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Approved for Forwarding:


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

Approved:


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

July 27, 1973

GEOGRAPHIC NAMES
FINAL NAME SHEETS
Ph-6603 (New York)

TP-00183

Belle Terre
Crystal Brook
Long Island Sound
Mount Misery
Mount Misery Point
Mt Sinai Harbor
Poquott
Port Jefferson
Port Jefferson Harbor
White Beach

Approved:

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

Prepared by:

C. E. Harrington
C. E. Harrington
Geographic Names

TP-00183

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 photo points or by delineating it on the matte ratios furnished.

PHOTOGRAMMETRIC OFFICE REVIEW

T-P-00183

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)		7. PHOTO HYDRO STATIONS
8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE CHB	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC. CHB	15. BRIDGES
16. AIDS TO NAVIGATION CHB	17. LANDMARKS CHB	18. OTHER ALONGSHORE PHYSICAL FEATURES CHB	19. OTHER ALONGSHORE CULTURAL FEATURES
PHYSICAL FEATURES			
20. WATER FEATURES	21. NATURAL GROUND COVER N.A.		22. PLANETABLE CONTOURS N.A.
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 CHB	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS CHB
40. REVIEWER Charles H. Bishop 12/7/71		SUPERVISOR, REVIEW SECTION OR UNIT Albert 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 Reviewed: B. Wilson June 26, 1972		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS Field edit applied from: Matte Photos: 70-L-(c)-8469-thru 8472 & 8492 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-00183.
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 70L8469, 8471, and 8472.

Changes to the Manuscript are noted on the ozalid and/or ratio 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. PORT JEFFERSON HARBOR FRONT & REAR RANGE LIGHTS are Photo identified on photo 70L8492 and field notes for the Front Range Light are on the back of the photo. Notes for the Rear Range Light are on the Solar form. The Rear Range Light was moved from the playground area to the harbor parking lot early in September, 1971. MT. SINAI BREAKWATER LIGHT has been moved to the end of the jetty. It was located by angle and distance from HARBOR, 1931 RM Field Notes are on ozalid.

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
Surveying Technician

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
1. Objects inspected from seaward	
2. Positions determined and/or verified	
3. Forms originated by Quality Control and Review Group and final review activities	
	Frank P. Margiotta
	FIELD INSPECTOR
	FIELD EDITOR
	COMPIER
	<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

COMPLATION

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 | |
| 2. Traverse | 2. Theodolite | F. 3.c |
| 3. Intersection | 3. Planetable | |
| 4. Resection | 4. Sextant | P. 2 |
| 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.'

[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	
	C. E. Blood	FIELD EDITOR	
		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

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 |
| 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.

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-00183

SHORELINE

August, 1973

61. GENERAL STATEMENT

See summary which is page 6 of the descriptive report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A visual comparison was made with TP-12396 (registered) at 1:20,000 scale and final reviewed in 1971 there is good agreement. Comparison was also made with registered survey T-9845 at 1:5,000 scale compiled in 1951. The only apparent changes are natural or man made and are not significant. TP-00183 supersedes all previous registered surveys and should be used for nautical chart construction purposes.

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

There is no contemporary hydro-survey of this area available in this office.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 361, 1:10,000 scale dated May 13, 1972. There is good general agreement. There are some differences noted on ~~discrepancy~~ print in red.

Cartographic Comparison

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

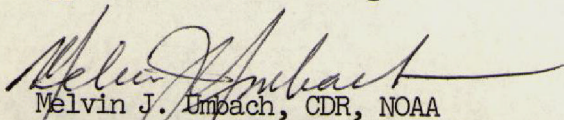
Reviewed by:

Bernard Kurs

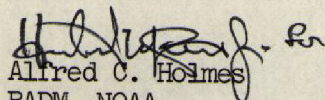
Bernard Kurs
Cartographer

** See notes page 22*

Approved for forwarding:


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

Approved:


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

Approved:

Chief, Photogrammetric Branch Chief, Coastal Mapping Division

* A row of five dolphins (Lat. $40^{\circ}57'51''$ - Long. $73^{\circ}02'51''$) is not shown on this map. Adequate data was not furnished by the field editor. The dolphins are shown on Job map T-12396, scale 1:20,000 (Job PH-6603, PART I)

SB

Feb 24 1976

W = 274,000 FT.

Nautical Chart 361

Mt Misery Point

Rocks not visible on photos

(6) * * * *

Not visible on photos

* (2) * (2)

58'15"

W = 272,000 FT.

73°05'00"

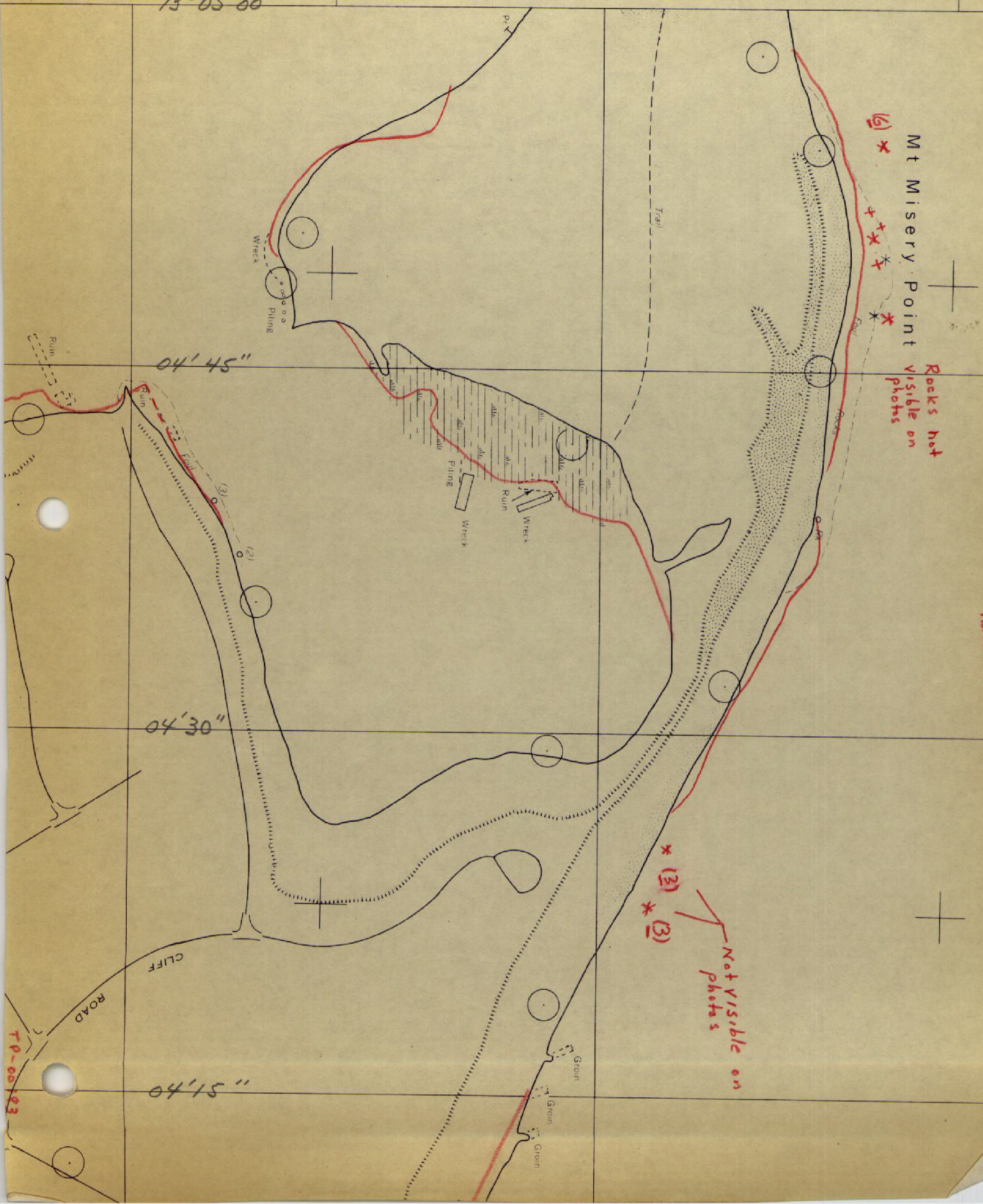
40°58'

04'45"

04'30"

04'15"

CLIFF ROAD



70-00 123

73° 03' 45"

B
e
a
c
h

* (1)

(1) +

(1) *

Moneyhallo Rock

Not visible on photos

- Nautical Chart 361

03' 30"

40° 58' 15"

03' 15"

58'

Shoreline subject to frequent change.

Tail

Parking

57' 45"

TP-13

