

TP-00182

NOAA FORM 76-35

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

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 _____		<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>

[REDACTED]

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.

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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.

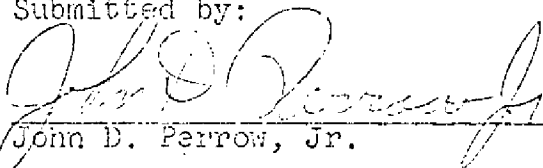
22. Method Two bridges were run on the C-8 Stereoplani-graph to provide control for the compilation of the area. The bridges were adjusted to the Lambert projection in the Long Island zone. All pass points and control were plotted on the Coradimat. Strip #1 was adjusted on five horizontal control points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

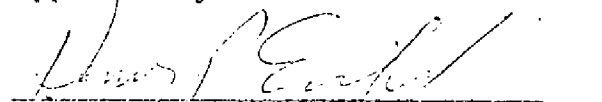
24. Supplemental Data Local USGS quads were used to provide rough vertical control for bridging purposes.

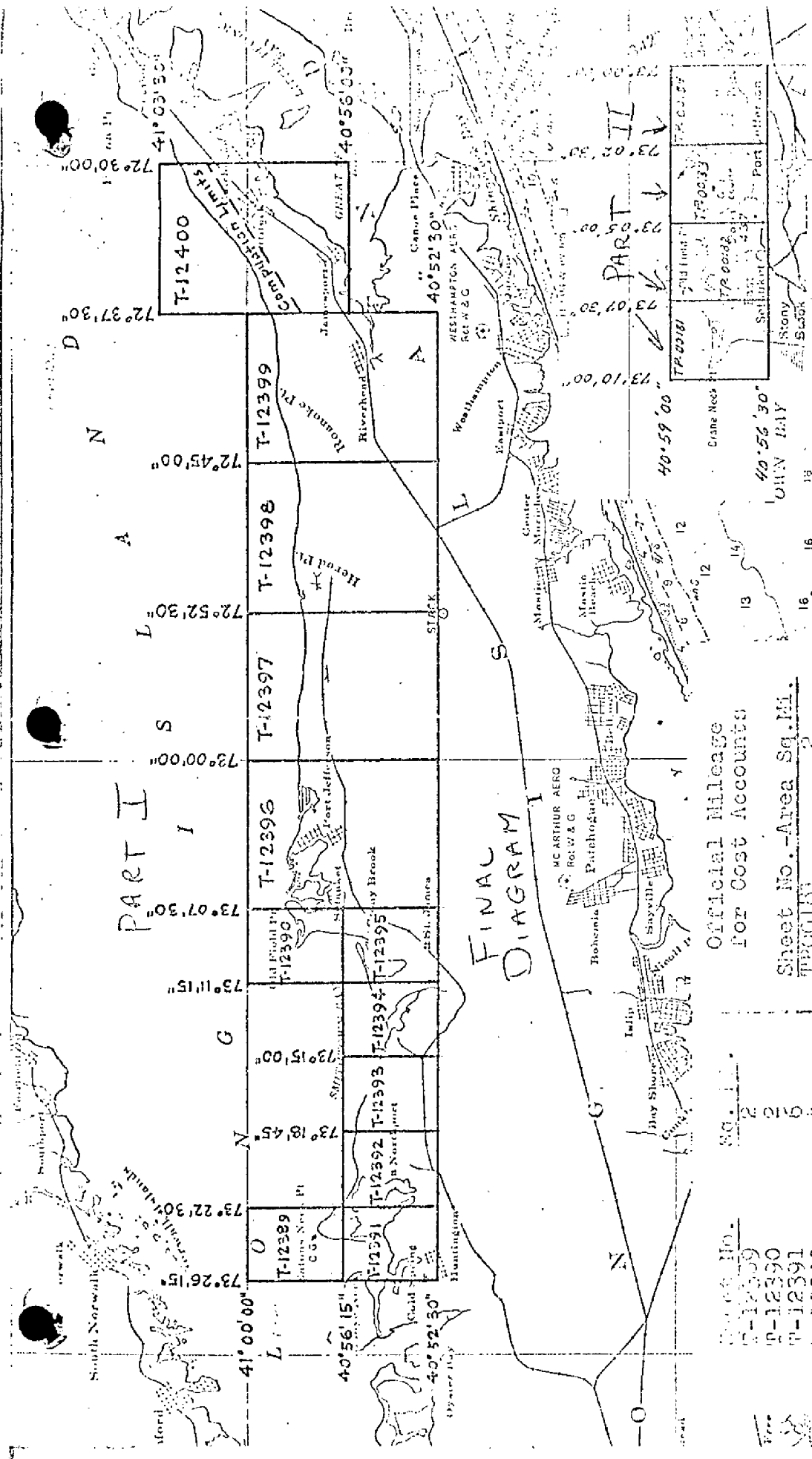
25. Photography All photography was adequate as to coverage, overlap and definition.

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 1:50,000 & 1:10,000

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

2	13	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	122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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

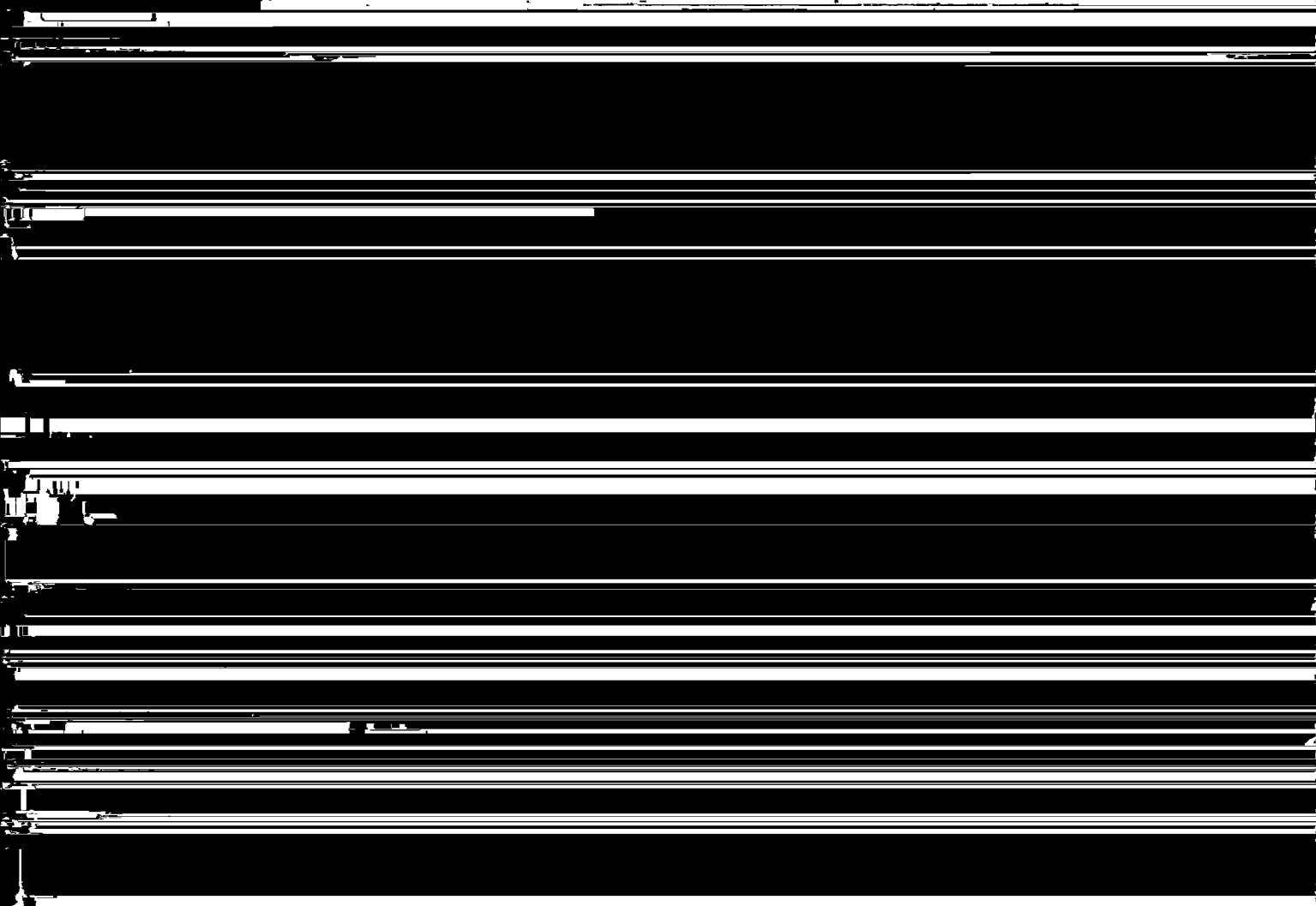
Area was field inspected under T-12396.

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



JOB PH-6603

MARCH, 1971

(PART II)

PORT JEFFERSON

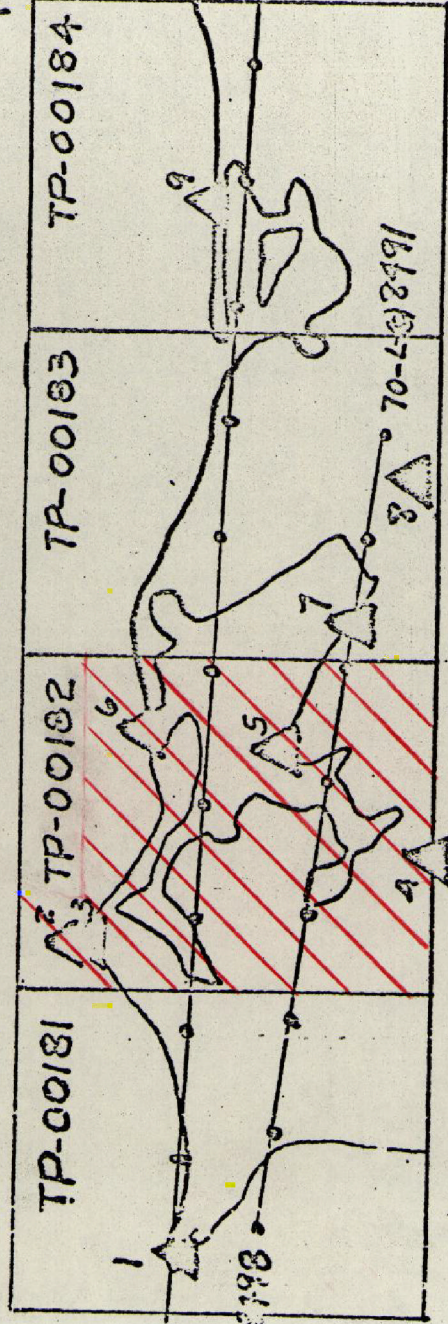
N.Y.

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

DESCRIPTIVE REPORT CONTROL RECORD

SCALE FACTOR	None
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COMPUTED BY	DATE	CHECKED BY	DATE
A.C. Rauck, Jr.	Oct. 8, 1971	T.J. Bulfer	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

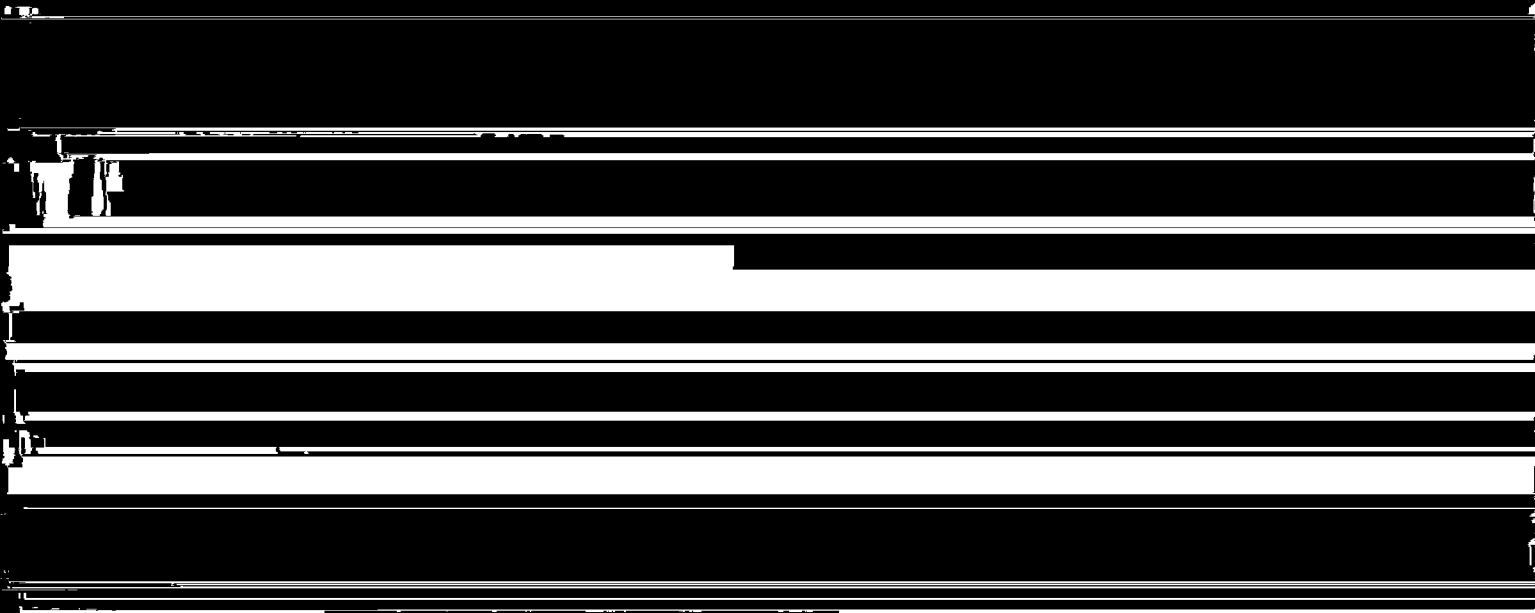
A satisfactory junction has been made with TP-00183 to the east and TP-00181 to the west. There is no contemporary survey to the north or the south. All sheets mentioned are 1:5,000 scale.

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.



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.

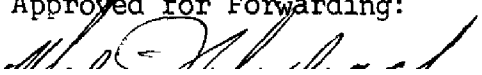
ITEMS TO BE CARRIED FORWARD

None.

Submitted:

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

Approved for Forwarding:



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.

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

Prepared by:

C. E. Harrington

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

[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
	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	
3. Forms originated by Quality Control and Review Group and final review activities	F. Margiatta	COMPILER	
		<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 | 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.'

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

g = 272,000 FT.

40° 58'

70° 07' 30"

g = 270,000 FT.

57' 45"

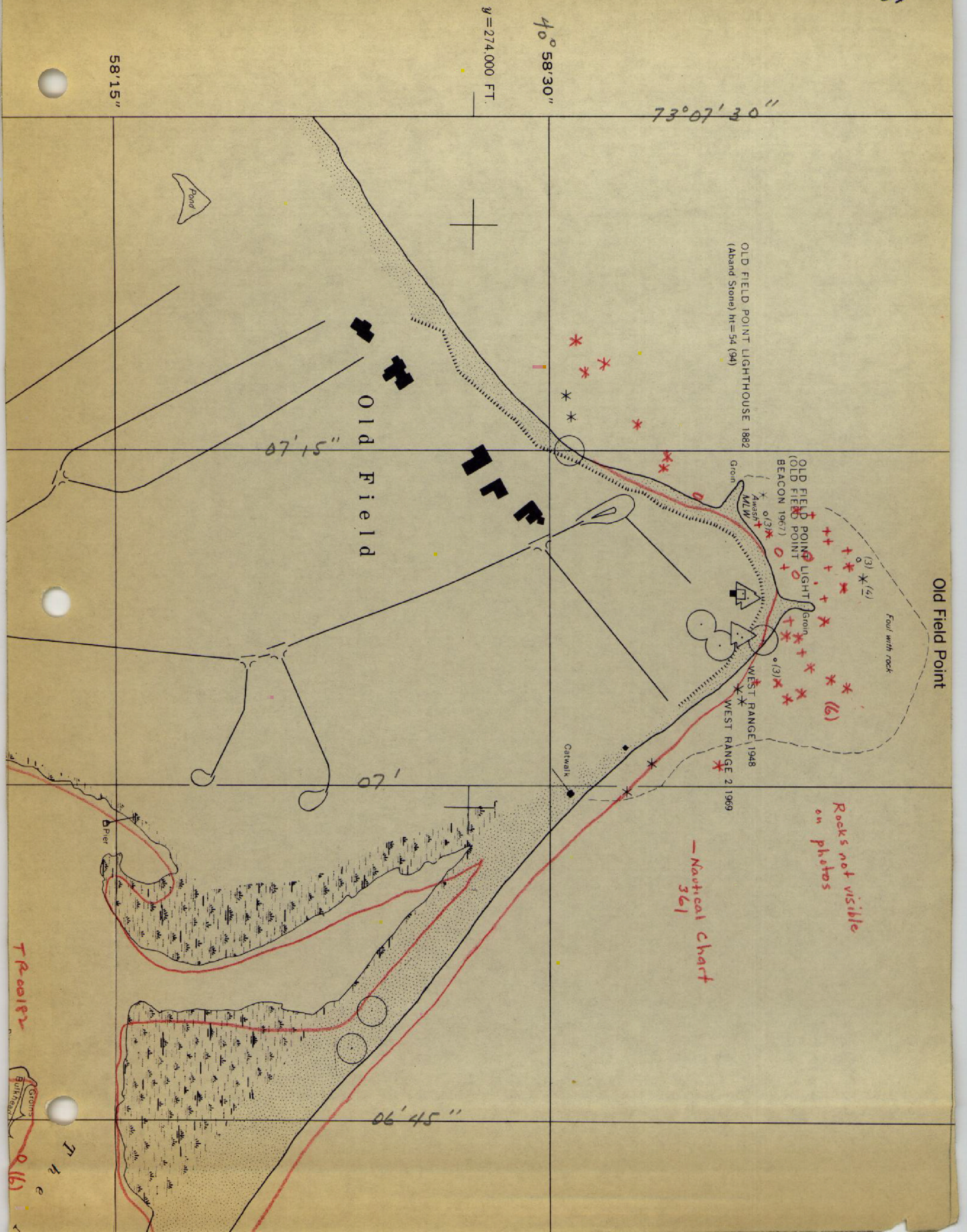
Nautical chart
361

07' 15"

07'

06' 45"





73° 06' 30"

06' 15"

06'

— Nautical Chart
361

58' 15"

05' 45"

Q
r
r
o
u
s

Not visible
on photos

Beach

Old Field

40° 58'

Pier

Rail W

Ther

Bulkhead and wharf

Ramp

Bulkhead

offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation.

