### Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

# DESCRIPTIVE REPORT

<del></del>				
	Shoreline(Photogrammetric)  Office No. T-12394			
	LOCALITY			
State	New York			
	Long Island Sound			
1	Nissequogue River			
	•			
	<u>19 65 -</u> 1967			
CHIEF OF PARTY Allen L. Powell Director, Atlantic Marine Center				
LIBRARY & ARCHIVES				
DATE				

USCOMM-DC 5087

### DESCRIPTIVE REPORT - DATA RECORD

T- 12394				
PROJECT NO. (II):				
Job PH-6603				
FIELD OFFICE (11):		CHIEF OF PARTY		
Riverhead, Long Island, New York		Joseph K.	Wilson	
PHOTOGRAMMETRIC OFFICE (III):		OFFICER-IN-CHARGE		
Atlantic Marine Center		J. Bull,	RADM, USES	SSA, Director
INSTRUCTIONS DATED (II) (III):		<u> </u>		
FIELD January 24, 1966 FIELD March 1966/6314 OFFICE May 27, 1966 OFFICE September 15, 1966		Supplemen Aerotrian Compilation	gulation	
METHOD OF COMPILATION (III):				
B-8 and graphic MANUSCRIPT SCALE (III):	STEREOSCO	PIC PLOTTING INS	TRUMENT SCA	ALE (III):
		_ <b>.</b> .		
1:10,000  DATE RECEIVED IN WASHINGTON OFFICE (IV):		O Pantograp		
APPLIED TO CHART NO.	DATE:		DATE REGIS	TERED (IV):
GEOGRAPHIC DATUM (III):		VERTICAL DATU	м (пп): <b>М</b> Н	W
N.A. 1927		MEAN EXPONENTS Elevations shown Elevations shown i.e., mean low wat	as (25) refer to as (5) refer to	mean high water sounding datum
			,	
REFERÊNCE STATION (III):	_			
ST. JOHNSLAND, 1939 -		<u> </u>		
LAT.: LONG.:		X ADJUSTED		•
40° 54' 20.959" (646.5m)   730 14' 38.025" (	(890.0m)			·
PLANE COORDINATES (IV):		STATE		ZONE
= 248, 753. 01 × = 2,209, 008. 94	/	New York		Long Island
ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTER OR (IV) WASHINGTON OFFICE.  WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE T				, i

### **DESCRIPTIVE REPORT - DATA RECORD**

FIELD INSPECTION BY (II):		DATE:
		4/18/66
Matthew A. Stewart		6/17/66
MEAN HIGH WATER LOCATION (III) (STATE DATE	AND METHOD OF LOCATION):	
Air photo compilation.		
Date of photography:	October 2, 1965	
PROJECTION AND GRIDS RULED BY (IV):		DATE
A. E. Roundtree		10/21/66
PROJECTION AND GRIDS CHECKED BY (IV):		DATE
L. F. Van Scoy		10/24/66
CONTROL PLOTTED BY (III):		DATE
L. L. Graves		10/28/66
A. Santillan		10/28/66 11/14/66
CONTROL CHECKED BY (III):		DATE
R. J. Pate		10/31/66
K. Boyle		10/31/66 11/14/66
RADIAL PLOT OR STEREOSCOPIC CONTROL EXT	ENSION BY (III):	DATE
P. Hawkins		9/30/66
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
	A T Ch1-	212115
	A. L. Shands	5/5/67
	Controlle	DATE
	Inapplicable	
MANUSCRIPT DELINEATED BY (III):		DATE
B. Wilson		5/19/67
SCRIBING BY (III):		DATE
F. P. Margiotta PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		5/20/68 DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
C. H. Bishop -		5/21/67
REMARKS:		7/44/01

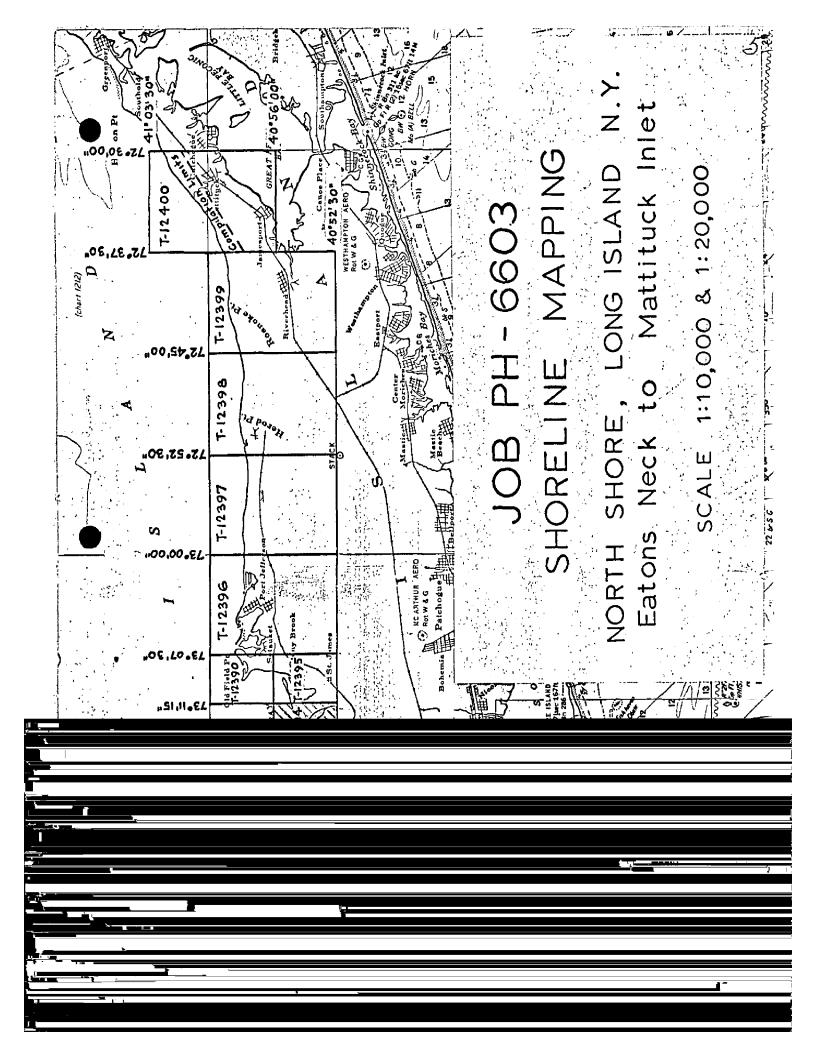
T-12394

COMPILATION RECORD

COMPLETION DATE

REMARKS

Compilation complete pending field edit	May 1967	Superseded
Field Edit applied Compilation complete	February 1968	
Final Review	oct. 1969	



# SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT T-12394

Shoreline survey T-12394 is one of seven 1:10,000 scale surveys in job PH-6603. The job is comprised of seven 1:10,000 and five 1:20,000 scale surveys along the north shore of Long Island from Eatons Neck to Mattituck Inlet. See page 5 of this report for the area of the survey within the project.

Field work preceding compilation consisted of identification of horizontal control, shoreline and field inspection, location of landmarks for charts and Geographic Names Investigation.

Compilation was at 1:10,000 scale by B-8 Plotter and graphic methods using the photography of October 1965. A copy of the map manuscript (classified incomplete) along with specially prepared photographs was subsequently provided for transfer of the shoreline to the boat sheet, location of photo-hydro signals and field edit use.

The manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 3 minutes 45 seconds in longitude. Field edit was accomplished in October 1967. After application of field edit the survey was scribed, stuck-up and reproduced on cronaflex. Final review was done in the Atlantic Marine Center in October 1969. One cronaflex positive and a negative of the final manuscript are forwarded for record and registry.

### FIELD INSPECTION REPORT Project PH 6603 Maps T-12389 thru T-12395

This report is submitted for seven maps since there is no great differences in terrain, natural or cultured features which would require special treatment.

### 2. AREAL FIELD INSPECTION

This area lies along the north shore of Long Island between Lloyd Neck and Old Field Point.

Field Inspection was completed on all seven maps generally to the limits of photography, during May and June 1966.

One area at the east end of Asharoken Beach is under construction by Long Island Light Company and will be changed considerably.

The terrain along this area covered by these maps consists of sand beaches, bluffs and wooded hills with very little marsh and no swamps. Most of the shoreline is accessible by truck.

Photographs of this area is of average quality being taken in October 1965.

Photographs used for field inspection are listed below by maps:

T-12389	T-12391	T-12392	T-12393	T-12394
65-L-6567	6 <del>5-L-657</del> 3	65-L-6574	65-L-6564	6 <del>5-L-654</del> 3
6568		657 <i>5</i>	6577	· . 6544
6571			• • • •	t.
6572	•	1		

T-12395 T\_12390

### 4. VERTICAL CONTROL

All tidal bench marks in the area of the seven maps were searched for and reported on form 685A.

The beach marks were identified on the photograph in accordance with the topographic manual.

### 5. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage is composed mostly of a few tidal streams and normal drainage

### 6. WOODLAND COVER

Woodland cover was classified in accordance with the topographic manual.

### 7. SHORELINE AND ALONG SHORE FEATURES

The high-water line has been indicated on the photographs by symbol in accordance with instructions. No attempt was made to delineate the low-water line.

The field inspection of the high-water line was accomplished by several methods, measurements from photo points and by visual inspection by truck and by walking the shoreline.

In a few areas the high-water line adjacent to inlets is subject to change due to storms.

Special attention is invited to grass in water just below the high water line. A large percentage of this grass is a narrow strip or small patches and has the appearance of mud on the photograph.

Inspection of bluffs were made and their location indicated on the photographs.

All areas of wrecks were inspected at low water and appropriate notes made on the photographs.

A wreck on the west side of Huntington Bay was located by photo points. This wreck is marked by a lighted bouy which is about 300 feet to the east.

One wreck in Northport Harbor (Chart 224) was verified at high water. There is no photography covering this area.

### 9. LANDMARKS AND AIDS

Nonfloating aids to navigation were verified as to existance and number. They were located by direct photo identification or other field methods.

Landmarks for charts were identified, classified and heights obtained.

Form 567 has been submitted for both features.

The nautical landmarks north and east of Huntington were verified and are shown on a letter-size chart. This area has no photo coverage.

### 10. BOUNDARIES, MONUMENTS AND LINES

In accordance with project instructions.

### 11. OTHER CONTROL

None established.

### 12. OTHER INTERIOR FEATURES

Classified according to current instructions.

### 13. GEOGRAPHIC NAMES

A complete investigation of geographic names will be submitted to Rockville at a latter date.

### 14. SFECIAL REPORTS AND SUPPLEMENTAL DATA

Horizontal Control Indentification Data to Rockville, Transmittal letter dated 5/12/66, reference #33.

Nonfloating Aids or Landmarks for Charts, Transmittal letter dated 6/23/66, reference #41.

Field Inspection Data, Transmittal letter dated 6/23/66, reference #40.

Approved and forwarded:

Joseph K. Wilson Chief, Photo Party 759 Submitted:

June 27, 1966

Erwest W. Hartford Surveying Technician

# PHOTOGRAMMETRIC PLOT REPORT ' Job PH-6603 North Shore Long Island, New York

August 30, 1966

### 21. Area Covered

The area covered in this report extends from Eatons Neck to Mattituck Inlet, along the North Shore of Long Island, New York. Included in this area are T-sheets 12390 thru 12400.

### 22. Method

Five strips of photography (A thru E) were bridged on the stereo-planigraph and adjusted by IBM 1620 methods. Strip "A" was adjusted on six control stations, with three control stations as checks. Strip "B" was adjusted on five control stations. Strip "C" was adjusted on four stations with two stations as checks. Strip "D" was adjusted on seven stations with three stations as checks. Strip "E" was adjusted on two stations with three stations as checks. All points were drilled by PUG methods. The points between strips were averaged.

### 23. Adequacy of Control

Horizontal control was adequate and complied with project instructions. All control held within National Map Accuracy Standards with the following exceptions:

(1) OLD FIELD PT. LT. (new) 1939, held in Strip "C" but could not be seen clearly in Strip "D" and as a result could not be held in Strip "D".

(2) INDIANA 1933, SS "A" and SS "B" could not be held in either Strips "D" or "E" due to poor images and deep shadows which resulted in the inability of the stereoplanigraph operator to identify the the substations with any degree of accuracy.

# 24. Supplemental Data

Local USGS quads were used for vertical control during bridging adjustment. Vertical elevations obtained by the bridge should not be used to obtain exact vertical datum.

# 25. Photography

Photography was adequate as to coverage and overlap. Definition and quality of diapositives were not up to usual standards in that they were very dark. However, all photography was usable.

Submitted by:

Paul Markins by AAP

Approved\_by:

John D. Perrow, Jr.



-164	•
C&GS	MM-DC -P68
FORM	(4-68) USCO! 50316-

DESCRIPTIVE REPORT CONTROL RECORD

MAP T. 12394 PROJECT NO.	T NO. PH-6603	SCA	SCALE OF MAP 1:10,000	SCALE FACTOR None	e e
STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	N.A. 19 DISTANCE FROM GR.1 IN METERS (1 FF. FORWARD	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter) ORWARD (BACK)
			400 54: 20.959"	646.5	(1204.3)
ST. JOHNSLAND, 1939	G.P. 87	NA 1927	730 14' 38.025"	890.0	(514.3)
KINGS PARK STATE HOSPITAL,			400 54' 00.62" /	19.1	(1831.7)
CUPOLA, 1931	G.P. 115	E	730 13' 53.31"	1247.8	(156.6)
KINGS PARK STATE HOSPITAL POWER PLANT STACK "A"			40° 53' 46.060"	1420.8	(430.0)
	G.P. 117	#	730 14' 30.999"	725.6	(6.878)
KINGS PARK STATE HOSPITAL POWER PLANT STACK "B",			400 531 45.147"	1392.6	(458.2)
	£	E	730 141 32.159"	752.8	(651.7)
66 66 66 66 66 66 66					
					•
-					
COMPUTED BY	DATE		CHECKED BY	DATE	/
A. C. Rauck, Jr.	9/59/66		L. O. Neterer, Jr.	99/9/01	v

GEOGRAPHIC NAMES

FINAL NAME SHEET

(Long Island, N. Y.)

PH-6602

PH-6603

T-12394

Long Beach Road
Long Island Sound
Nissequogue River
Nissequogue Road
Old Dock Road
Riviera Drive
St. Johnland Road
San Remo
Short Beach
Short Beach
Short Beach Road
Smithtown Bay
Sunken Meadow Creek
Sunken Meadow State Park

Approved by:

A. J. Wraight

Chief Geographer

Prepared by:

Frank W. Pickett

Cartographic Technician



### COMPILATION REPORT T-12394

### 31. DELINEATION:

The B-8 Plotter was used. Field inspection was adequate, photography satisfactory.

### 32. CONTROL:

See Photogrammetric Plot Report.

### 33. SUPPLEMENTAL DATA:

None

### 34. CONTOURS AND DRAINAGE:

Contours - inapplicable.

Drainage - no statement.

### 35. SHORELINE AND ALONGSHORE DATA:

The shoreline inspection was adequate. Low water lines were delineated from office interpretation of the photos.

### 36. OFFSHORE DETAILS:

Sand bars extend northward on each side of the channel into the Nissequoge River.

There are numerous rocks eastward from Short Beach. Some of them were field inspected; others were mapped from office inspection of the photographs.

### 37. LANDMARKS AND AIDS:

Appropriate copies of Form 567 for Landmarks were forwarded to the Washington Office under date June 1967.

Appropriate copies of Form 567 for Aids were forwarded to the Washington Office under date February 1968:

### 38. CONTROL FOR FUTURE SURVEYS

None

### 39. JUNCTIONS

Satisfactory junctions have been made with T-12193 on the west and T-12195 on the east. There are no contemporary surveys to the north and south.

### 40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

### 46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS quadrangle SAINT JAMES, N. Y., scale 1:24,000, dated 1955.

### 47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart 117-SC, scale 1:40,000, 6th edition, dated November 1966.

### ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

### ITEMS TO BE CARRIED FORWARD

None

Submitted:

B. Wilson

B. Wilson

Cartographic Technician

Approved and forwarded:

Allen L. Pouceall Allen L. Powell, RADM, USESSA Director, Atlantic Marine Center

### 49. NOTES FOR THE HYDROGRAPHER:

Refer to those notes found on the Field Edit Ozalid.

FORM C&GS-1002				U.S. DEPARTMENT OF COMMERCE
	РНО	TOGRAMME	TRIC OFFICE REVIEW	COAST AND GEODETIC SURVE
			12394	
1. PROJECTION AND GRIDS	2. TITLE		3. MANUSCRIPT NUMBERS	14 MANUSCRIPT
A THOSE OFFICE AND ONES	11122		WAROSCRIFT NOMBERS	4. MANUSCRIPT SIZE
CHB	CHB		CHB	X
CONTROL STATIONS			1 0115	A
5. HORIZONTAL CONTROL ST THIRD-ORDER OR HIGHER	ATIONS OF	6. RECOVERA	BLE HORIZONTAL STATIONS	7. PHOTO HYDRO STATIONS
	ACCURACY	(Topographi	c stations)	
CHB			CHB	X
8. BENCH MARKS	9. PLOTTING C	OF SEXTANT	10. PHOTOGRAMMETRIC	11. DETAIL POINTS
X	_ R	E5	D. 1.1.	_
	A-		Bridge, W.O.	X
ALONGSHORE AREAS (Nautica 12. SHORELINE	13. LOW-WATER	LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
			The tracking allowed, Error	134 DAIDGES
CHB	CHB		CHB	X
16. AIDS TO NAVIGATION	17. LANDMARK	S	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
X			THISIONE PENTORES	COLIUNAL PEATURES
	CHB		CHB	CHB
PHYSICAL FEATURES				
20. WATER FEATURES		21. NATURAL	GROUND COVER	22. PLANETABLE CONTOURS
CITO			77	_
CHB 23. STEREOSCOPIC	24. CONTOURS	IN GENERAL	Z 25. SPOT ELEVATIONS	X
INSTRUMENT CONTOURS	24. CON 100 RS	IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL
X	X		X	X
CULTURAL FEATURES	1 2			
27. ROADS	28. BUILDINGS	*	29. RAILROADS	30. OTHER CULTURAL FEATURES
				FEATURES
CHB	CHB		X	СНВ
BOUNDARIES				
31. BOUNDARY LINES			32. PUBLIC LAND LINES	
X	No. of the last of		· X	
MISCELLANEOUS 33. GEOGRAPHIC NAMES		34. JUNCTION		35. LEGIBILITY OF THE
		our solle Holl		MANUSCRIPT
CHB			CIID	CITE
6. DISCREPANCY OVERLAY	37. DESCRIPTIV	VE REPORT	CHB  [38. FIELD INSPECTION	CHB 39. FORMS
			PHOTOGRAPHS	
X	CHB		CHB	CHB
O. REVIEWER			CHB  SUPERVISOR, REVIEW SECT	ION OR UNIT
Charles	HBishox	9	allet	C. Ranch. Jr.
CHB	,		ACRUCOU	cinate i fi
11. REMARKS (See attached she				
FIELD COMPLETION ADDITION				
<ol> <li>Additions and corrections script is now complete ex</li> </ol>	s furnished by the cept as noted und	e field complet ler item 43.	ion survey have been applied	to the manuscript. The manu-
COMPILER	11-		SUPERVISOR	albert C. Rauck.
F. P. Margio	tta		A. C. Rauck,	Jr.
			1	
3. REMARKS				
Field Edit wa	as applied f	rom Field	Edit Ozalid, Hydro	Party D&P Book,
		cronaflex	print, Boat sheet,	& Field photograph
No. 65-L-6579	7.			

### LONG ISLAND SOUND

### PHOTO-HYDRO SUPPORT TO USC&GS SHIP WHITING

REPORT OF

PHOTOGRAMMETRIC SUB UNIT PARTY 62

### A. PURPOSE AND SCOPE OF SUPPORT:

Photogrammetric support for Hydrography operations by the SHIP WHITING was performed by a sub-unit of Photogrammetric party 62 under instruction for Project OPR 474 dated 18 May 1967. The ship was supplied with all necessary Control, Signal building, and Field edit.

### B. CONTROL

Hydrographic control consisted of triangulation, and photohydro stations. The photo-hydro station were located in accordance with Photo gammetry Instructions No. 45. Natural objects were utilized as hydro signals whenever possible. This saved a great deal of time, as it eliminated the trouble and time spent obtaining premission to erect a banner or tripod type signal on private property.

### C. PHOTOGRAPHY

The photographs for the project consisted of 1965 L 1:10,000 scale ratio photographs for the area between Eatons Neck and Old Field Point. The area to the East of Old Field Point is covered by 1966 1:20,000 ratio photographs. These photographs were of good quality and only usual amount of dificulty was encountered in idintifying signal sites.

### D. DISPOSITION OF DATA:

Cronaflex copy of sheets T 12389 through 12396 were turned over to the Commanding Officer of the Ship Whiting. All photographs and unused Cromaflex copies of manuscripts and Field Edit Data were returned to the Atlantic Marine Center.

# 18

### E. SFECIAL REPORT:

A field Edit report will be submitted for the entire project at a later date.

Respectfully submitted:

Robert S. Tibbetts

RST/ckj

Approved and Forwarded: Waryne L Wolley

Sidney C. Miller, LCDR, USESSA Commanding USC&GS Ship WHITING

### FIELD EDIT REPORT

PROJECT PH 6603

LONG ISLAND, NEW YORK

51. This report is submitted for sheets T-12389 thru T-12396. The edit was accomplished by visually inspecting the shoreline from a small boat and via road by truck.

All questions were answered as completely as possible on the discrepancey ozalids. In several cases the field editor was asked to locate and or verify depths and numerous rocks.

The Ship Whiting had already completed Hydrography, before field Edit of sheets T-12389 thru T-12396 was started. They obtained depths and positions on all rocks during the course of hydrography. The field editor obtained a copy of this data and it was bansmitted with the field edit data.

No compairson was made with the Whitings Boat Sheets where their was a overlap of work, because the Whiting left the area before edit was completed.

52. Adequacy of Compilation.

These maps are adequate for the transfer of shoreline and location of signals on hydrographic survey sheets.

54. Recommendations.

None.

Respectfully submitted:

Robert S. Tibbetts

### REVIEW REPORT T-12394 SHORELINE October 3, 1969

### 61. GENERAL STATEMENT

See Summary which is page 6 of the descriptive report.

### 62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with a copy of registered survey No. 1723, 1:10,000 scale, made in 1886. This copy was heavily spotted and it was impossible to differentiate between rocks and just plain black spots. For this reason no attempt was made to transfer the rocks to the comparison print for comparison purposes.

The changes in the mean high water line between the two surveys is indicated on the comparison print in blue.

The passage of time has made survey No. 1723 obsolete. It is superseded by T-12394 for nautical chart construction purposes.

### 63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with USGS SAINT JAMES, N. Y. 7 1/2 minute quadrangle, 1:24,000 scale, edition of 1955.

The most significant difference between the two surveys is at the mouth of Nissequogue River. Here the two features East Bar and West Bar are no longer discernible; West Bar having eroded away while East Bar now appears as part of Short Beach.

### 64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with boat sheets WH-10-2A-67 (H-8950) and WH-10-2B-67 (H-8950). The source of part of the shoreline for the surveys was T-12394, therefore, there are no discrepancies between the shoreline of these surveys and T-12394.

All of the rocks within the limits of T-12394 are located relatively close inshore along the shore of Long Island Sound between longitudes 730 111 24" and 730 131 10". The water

conditions at the time of photography, waves with breakers along shore with white caps just off shore, obscured many of the rocks. All rocks shown on the hydrographic surveys were searched for on the photographs. Those that were not visible have been indicated on the comparison print in purple.

### 65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with chart 117SC, 8th edition, corrected thru NM 43, October 26, 1968. The shoreline of the two surveys are in only fair agreement. The difference has been indicated on the comparison print in red.

As stated in item 64 the water conditions at the time of photography obscured some of the rocks along the coast. Rocks shown on the chart which are not visible on the photographs have been indicated on the comparison print in red.

### 66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Reviewed by:

Leo F. Beugnet
Leo F. Beugnet

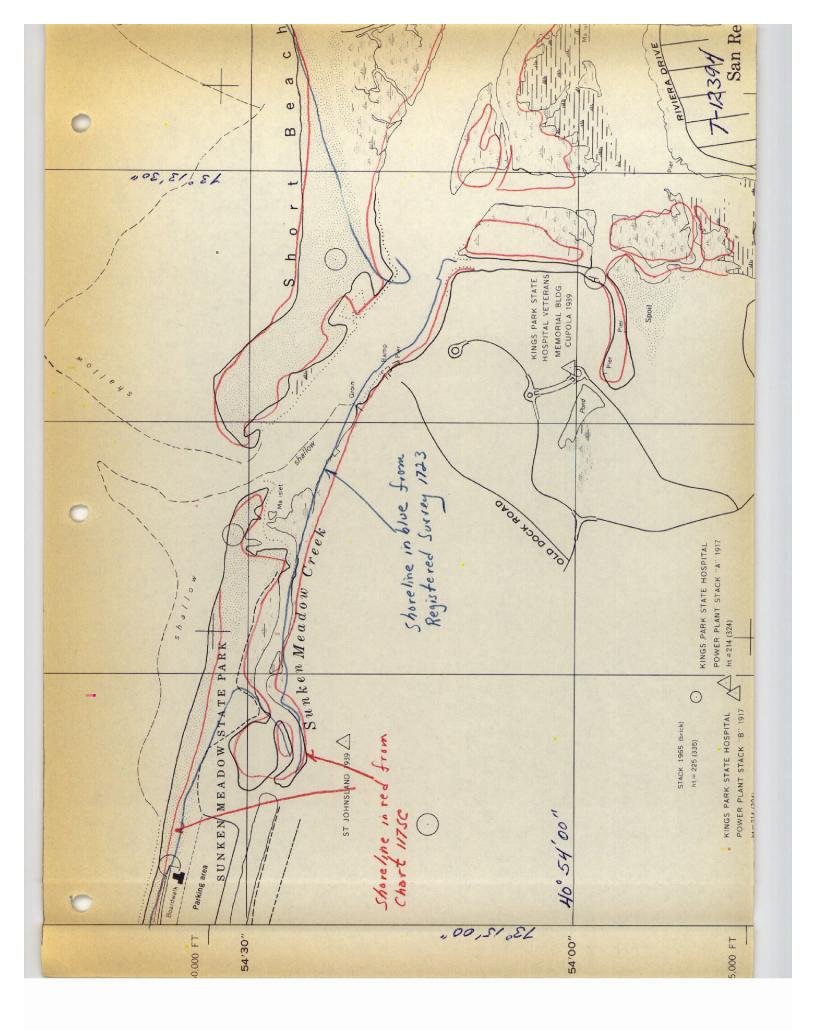
Approved by:

Allen L. Powell, RADM, USESSA Director, Atlantic Marine Center

Approved by:

Chief, Photogrammetric Branch Nº8

Chief, Photogrammetry Division



U.S. DEPARTMENT OF CONMERCE PDETIC SURVEY COAST AND

C&GS PRM 567

T-12394

# XXIVONIETOXITINGXBEDSKOR LANDMARKS FOR CHARTS

STRIKE OUT TWO XQ:BEODESCETERX XXX TO BE CHARTED TEXBESTENISEDE

Atlantic Marine Center

, 19 67 May 5

I recommend that the following objects which have (hauszoner) been inspected from seaward to determine their value as landmarks be charted on barbele from the charts indicated.

The positions given have been checked after listing by B. L. Barge

J. Bull, RADM, USESSA, Chief of Party. Director

117-50 117-50 117-50 CHARTS 117-50 TEAMS ERGHENTO þ¢ тилно влоиги × T-12394 5/3/8 DATE OF LOCATION T-12391 6/2/66 T-12394 5/3/66 19/8/9 Photo T-12394 LOCATION AND SURVEY NO. Photo N.A. 1927 1927 1927 N.A. N.A. DATUM D.P. METERS 32.64 764 56.73 30,999 32.159 LONGITUDEA 1 0 73 14 73 14 73 14 POSITION 73 14 1,6,060 10.36 1392.6 D.M. METERS 1,8.85 15.117 1507 LATITUDES 53 40.53 53 53 . 01 10 01 0 BIGNAL (330)Power Plant, Stack "B", 1917) Potrer Plant, Stack "A" 1917 Brick, Ht. = 214 (324) ft. (Kings Park State Hospital, Brick, Ht. = 214 (324) ft. (Kings Park State Hospital, steel, ht. = 81 225 (335) ft. DESCRIPTION Brick, Ht.= LONG ISLAND Spherical, NEW YORK CHARTING Stack Stack Stack Tank STATE

USCOMM.DC 16234.P61 This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given. \* TABULATE SECONDS AND METERS