

F00001

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NOAA FORM 76-35A	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SERVICE	
DESCRIPTIVE REPORT	
Type of Survey	Field Edit
Field No.	
Registry No.	F00001
LOCALITY	
State	NEW YORK
General Locality	GREAT SOUTH BAY
Sublocality	MORLCHES BAY
1983	
CHIEF OF PARTY	
LIBRARY & ARCHIVES	
DATE	

☆ U.S. GOV. PRINTING OFFICE: 1987-756-980

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as; FE.#1 1934

Duplicate of Chart Letter 658

POST-OFFICE ADDRESS:

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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

107
1319
32
330 N
720
182 W

October 24, 1933.

To: The Director,
U. S. Coast and Geodetic Survey,
Washington, D.C.

From: M.O. Witherbee, Lieutenant,
U. S. Coast and Geodetic Survey,
Freeport, Long Island, New York.

Through: Raymond P. Eyma, Chief of Party,
U. S. Coast and Geodetic Survey,
Freeport, Long Island, New York.

Subject: Inspection of Chart 578.

Reference: Director's letter dated October 9, 1933, 22-RS 1990.

954
71.78 *239 W*
1507
45 *377 N*

In compliance with Chief of Party's instructions and Director's letter, above reference, I have made a field inspection of the proof of the new edition of Chart 578, from it's western limit to Moriches Inlet. The following corrections should be made:

LIGHTS and CHANNELS: The three lights shown on the chart between Amityville Creek and Fleet Point are now in different positions than shown and a fourth has been added; their true positions have been transferred to the chart from Topographic Sheet "B".

A flashing red light in the channel, just north of Townsend Island was located by sextant fix and plotted on the chart. From this light a narrow channel with depth of four feet not shown on the chart, leads north to a junction with the east and west channel off Unqua Point. It is marked by a row of piles. This has been shown on the chart in blue ink.

The light at the north end of the dredged channel which extends north from Oak Beach toward Babylon is out of position, as is the channel itself. The correct positions of light and channel are indicated in blue.

The channel now in use between the central and western parts of Great South Bay leads from the light mentioned above directly to the next light to the west across an area where the chart shows two and three feet. This channel has been sounded, and the controlling depth found to be four feet. It is indicated on the chart in blue.

The old staked channel north of Oak Beach is no longer in use; both stakes and light have been discontinued, and should be removed from the chart.

All other lights in Great South Bay and Bellport Bay are shown correctly.

In Moriches Bay all lights and day-marks were located by topography in June. The charted positions of lights, numbers 2, 1, 4, 6, and 10 were found to check these topographic locations; number 4 is now missing, but will be re-established next summer. The light shown between numbers 4 and 6 should be shown as a black day-mark. Light No. 8 is now about 100 meters north of its charted position. The flashing red light shown about 400 meters north of number 8 has been discontinued; light number 3 has been moved to a point about 200 meters southwest of the above. Light number 5 has been added, about 300 meters west of the old position of number 3 and about 50 meters from shore. Number 12 has been moved 600 meters northeast to the former position of a red day-mark, and number 14 has been moved 200 meters south to the former position of a red day-mark. The one black and two red day-marks between the above two lights were found to be correctly shown except that they are now numbered 7 and 9.

In addition to the changes in the lights, a number of day-marks have been added; three red day-marks south of light number 1, one red day-mark between lights numbers 4 and 6, and three red day-marks south of light number 5. A list of the lights and day-marks in Moriches Bay with their positions (except for lights Nos. 7 and 9 which fall outside the limits of the topography of this party) is submitted herewith. The positions were determined by topography, and those which were still in place in October were checked by sextant and found correct.

BUOYS: The chart shows two bell buoys off the entrance to Fire Island Inlet. The western one of the two is shown in the correct position; the eastern one does not exist. While the western buoy is shown in its true position, its position relative to the channel is not correct, since the channel has moved 600 meters to the west. In order to indicate the present location of the channel, the channel buoys are shown in pencil.

Buoys numbers 4, 6 and 8 in the main ship channel have been moved recently. Their new positions are shown on the chart.

All other buoys were found to be charted correctly or with only a slight error in position.

LANDMARKS: A list of additional landmarks is submitted on Form 567. It will be noted that the list includes three flagstaffs, on Howell Point, Brown Point, and Unqua Point. Although it is realized that flagstaffs are usually considered not sufficiently permanent for landmarks these three are very prominent, and quite substantial. The chimney shown just west of the mouth of Patchogue Creek is shown one minute too far east. The windmill on Masury Point is shown about 200 meters too far south.

A large number of landmarks now shown on the chart are either no longer in existence or not sufficiently prominent to be seen from the bay. These have been crossed out with red ink, and a list submitted on Form 567.

Respectfully submitted,

M.O. Witherbee,
H & G Engr., C & G.S.,

Forwarded:

Raymond P. Eyman,
Chief of Party, C & G.S.,

LIGHTS & DAY MARKS, MORICHES BAY.

	Lat. ° ' "	D.M.	Long. ° ' "	D.P.	Remarks
F.R. "2"	40 44	486	72 52	164	On Bridge
Fl. G "1"	40 44	956	72 51	1267	
Fl. R "4"	40 44	931	72 51	777	Missing Oct.17,1933.
Fl. R "6"	40 44	1031	72 50	1305	
Fl. R "8"	40 45	170	72 50	252	
Fl. G "3"	40 45	364	72 50	130	
Fl. G "5"	40 45	751	72 50	1318	
Fl. R "10"	40 45	433	72 49	445	
Fl. R "12"	40 45	1289	72 48	778	
Fl. R "14"	40 46	588	72 48	377	
Red Day Mark	40 44	854	72 51	1302	
" " "	40 44	881	72 51	1248	Missing Oct. 17,1933.
" " "	40 44	912	72 51	1178	
" " "	40 44	954	72 51	338	Missing Oct.17,1933.
Black Day Mark	40 44	1064	72 51	214	
Red " "	40 45	667	72 49	1329	Missing Oct. 17,1933.
" " "	40 45	690	72.49	1246	" " " "
" " "	40 45	684	72 49	1145	
" " "	40 45	1779	72 48	500	
" " "	40 46	261	72 48	416	
Black " "	40 46	9	72 48	616	

LOCATION OF LIGHTS, GREAT SOUTH BAY, LONG ISLAND, N.Y.

Characteristic	Latitude		DM	Longitude		DP	Method of	Remarks
			Meters			Meters	Location	
F1 white 4 sec.	40°	40"	266	73°	18'	374	Sextant	On pile.
F1 white 10 sec.	40	39	1289	73	20	1036	Topo.	" "
F1 white 5 sec.	40	39	1000	73	21	993	"	" "
F1 red 5 sec.	40	39	372	73	23	476	"	" "
F1 red 5 sec.	40	39	349	73	24	648	"	" "
F1 red ?	40	38	1179	73	25	948	Sextant	" "

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

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DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

Raymond P. Eymen

Chief of Party.

DESCRIPTION	POSITION					DATUM	METHOD OF DETERMINATION	CHARTS AFFECTED
	LATITUDE		LONGITUDE					
	°	'	D. M. METERS	°	'			
Tank, large gray.	40	40	554	73	27	540	NA 1927	Tri. 578, 579, 1215
Flagstaff	40	39	95	73	25	1207	"	Topo. 578
Cupola, School	40	41	13	73	22	214	"	Tri. 578
Gas Tank	40	43	819	73	15	690	"	" 578
# Cupola, Large bldg.	40	39	723	73	24	883	"	" 578
Chimney	40	44	1696	73	02	542	"	" 578
Flagstaff	40	44	861	72	56	1037	"	" 578
Flagstaff	40	43	811	73	04	337	"	" 578
Chimney	40	45	872	71	13	920	"	" 578
Windmill	40	46	1781	72	48	883	"	" 578
Prob 730								
#	Now charted as flagstaff. Flagstaff was on cupola. Flagstaff is gone but cupola remains. Very prominent.							

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance.

The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaffs and like objects are not sufficiently permanent to chart.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

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DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are ~~prominent objects which should be retained from the description of each object~~ ^{not prominent or no longer exist} and should be ~~checked~~ removed from chart.

Raymond P. Eyma

Chief of Party.

DESCRIPTION	POSITION						METHOD OF DETERMINATION	CHARTS AFFECTED	
	LATITUDE			LONGITUDE					DATUM
	°	'	D. M. METERS	°	'	D. P. METERS			
Sch. Ho. Amityville	40	40	1157	73	25	195		578, 1215 ✓	
Meth. Ch. "	40	40	578	73	24	1396		578	
Black Sp. Lindenhurst	40	41	602	73	22	833		578	
White Sp. "	40	41	630	73	22	532		578	
Ch. "	40	41	272	73	22	475		578, 1215 ✓	
Spire "	40	40	1219	73	22	930		578	
Cupola "	40	40	968	73	22	550		578	
Sch. Ho. Babylon	40	41	1737	73	19	760		578, 1215 ✓	
Meth. Ch. "	40	41	1789	73	19	509		578	
Bapt. Ch. "	40	41	1414	73	19	784		578	
Windmill, Bayberry Point	40	42	1448	73	13	433		578, 1215 ✓	
Windmill, Champlin Creek	40	43	300	73	12	480		578	
Chy. Blue Point	40	44	1696	73	01	542		578	
Tower, Jones Beach	}	40	36	1283	73	26	403	578, 1215 ✓	
C.G. (Old)									
Chy. Jones Beach	40	36	1080	73	27	400		578, 579, 1215 ✓	

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The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaves and like objects are not sufficiently permanent to chart.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

L. J.
special job
by Mr. Huber
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DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are ~~prominent, can be readily distinguished from seaward views, the description given below, and should be retained removed from chart.~~

Raymond P. Eyma Chief of Party.

DESCRIPTION	POSITION						METHOD OF DETERMINATION	CHARTS AFFECTED	
	LATITUDE			LONGITUDE					DATUM
	°	'	D. M. METERS	°	'	D. P. METERS			
Chy. Jones Beach	40	36	1584	73	26	40	578		
Windmill	40	38	387	73	19	834	578, 1215 ✓		
Ho. Cup.	40	40	28	73	26	1097	578, 1215 ✓		
Yellow Ho.	40	40	10	73	23	0	578		
Tall Windmill, Bellport	1/4 mile west of Howell Point							578	
Tower "	1/4 mile north of Howell Point							578	
Windmill "	40	45	1305	72	55	1220	578		
Windmill, Masury Point	(position should be as shown P. 1 line 10 herewith)								

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance. The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaves and like objects are not sufficiently permanent to chart.