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Form 504 Ed. June, 1923	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY R. S. Patton, Director	
State: New York	
<b>DESCRIPTIVE REPORT</b> Topographic } Sheet No. H6016 Hydrographic }	
<b>LOCALITY</b> Eastern end of Long Island. Greenport and Vicinity. Greenport	
Scale 1: 10,000 1933	
<b>CHIEF OF PARTY</b> L. C. Wilder	

6016

Descriptive Report to Accompany Sheet "H".  
North Channel of Shelter Island Sound, Eastern Long Island.

Scale: 1:10,000

AUTHORITY:

Instructions to Lt. L. C. Wilder dated March 17, 1933.

LIMITS:

North channel of Shelter Island Sound from Hay Beach Point west to Jennings Point.

This area was photographed on a scale of approximately 1:10,000 and for this reason the work consists of locating signals for the use of hydrographic parties, landmarks, and objects for the control of photographs, except for the location of the docks, marine railways, and etc. in the village of Greenport which were located because they did not show up very well on the photos.

No buoys, dangers, or obstructions were located on this sheet as it was understood that the hydrographic parties were to locate all of these objects.

GENERAL DESCRIPTION:

Entering Shelter Island Sound from the east (Hay Beach Point) to the right and S. W. of o Bum is a partially wooded shore with several summer cottages along the shore and to the left is a heavily wooded section with no buildings for some distance down the channel. (to o Whi) Directly ahead is the Village of Greenport with many prominent objects showing, the most prominent being the cupola on the school house, the Greenport Standpipe, and the light on the end of the Jetty. Directly opposite Greenport at Shelter Island is Dering Harbor. The shore of this harbor is a low beach, quite thickly wooded, with many summer cottages. At the extreme southern end of this harbor is the business section of the Village of Shelter Island Heights. West of Dering Harbor there are high, wooded bluffs for a short distance, the remainder of the shore line being a low wooded beach. This shore of Shelter Island is pretty well built up with large summer cottages. The north shore, west of Greenport is a low, wooded shore with very few buildings except along the east shore of Conkling Point, that is from signal "Tur" north for a short distance.

LANDMARKS:

The landmarks which may be used and which were located by triangulation are the Greenport Jetty Light, the School House Cupola, Sanford Chimney, and Sage Chimney. Besides these objects there are several objects located by plane table. Near Co. Eng. Sta., Greenport, there are two windmills, the first signal "Bum" show especially well from the west, the other windmill with a green tank, and a short distance west of the first windmill, was not used as a signal but is shown on the sheet in black ink. In the village of Greenport there is the standpipe which

T. F. Squires

was located by plane table and checked by triangulation of 1894 and a large, yellow brick chimney signal "Grey". The Greenport Pres. Church and Baptist Church Spires may also be used as landmarks but because of the many trees they do not show up as well as some of the other objects. The most prominent object on Shelter Island is the flag pole on the hotel.

Besides these objects of a permanent or semi-permanent nature which were located as hydrographic signals and shown in black on this sheet which may be used for control of the photographs or for any future work.

**CONTROL:**

Eleven well distributed triangulation stations were used as controls of this sheet.

**METHOD USED:**

Practically all of the signals on this sheet were located from cuts or by one or more cuts and resection with triangulation stations or previously established signals. A short traverse was run on the east shore of Sterling Basin. The Greenport Pres. Church and Baptist Church were plotted on the sheet from the triangulation of 1882, adjusted to the 1927 datum, and used for a check on this traverse. The standpipe in Greenport was located by plane table and then checked with the triangulation of 1894.

In locating the docks and etc. at Greenport where it was possible, previously located points were used for set-ups but in several cases three point fixes were used.

**EXPLANATORY:**

Just north of the Socony gas tank there is a small harbor in which the docks and bulkheads were located but the shore line north of the bulkhead was not located, it being understood that this would be obtained from the photos.

At the Socony Gas Tank, Lat. 41-05.7, Long. 72-21.8, there are three pipe lines running out to dolphins which are shown on the sheet by a short-dashed line.

All dolphins located are shown by a small circle.

About 300 meters south of signal "Pen" five partially submerged wrecks are shown on this sheet.

The old triangulation stations, Greenport Standpipe, Greenport School House Cupola, Greenport Baptist Church, and Greenport Presbyterian Church, are shown by a triangle inscribed in a circle.

**CONTOURS:**

As far as can be ascertained without an actual check by surveying methods the contours have not changed except for minor developments by real estate firms, small channels, and basins being dredged and the spoil material being placed on meadows.

**GEOGRAPHIC NAMES:**

No geographic names were obtained as this was already taken care of on the air photos.

Approved, *L. C. Wilder*  
L. C. Wilder,  
Chief of Party.

Respectfully Submitted,  
*T. F. Squires*  
T. F. Squires.

Topographic Sheet "H"

List of prominent objects and objects that may be used for future work.

Name	Description
Tur	South turret on house
Clo	Flagpole
Gus	End of dock
Puc	Flagpole
Wim	Windmill
---	Black stack Lat. 41-06.1 Long. 72-21.5
Grey	Tall, yellow brick chimney
Chi	Black stack
Lip	Flagpole
Ame	Summer house on dock
Rat	Flagpole
Dix	Large lone tree
She	Flagpole on upper porch of 2 storied wh. h6.
---	Co. Eng. Sta. Lat. 41-06.4 Long. 72-21.1
Him	Flagpole
---	Windmill Lat. 41-06.9 Long. 72-20.8
Bum	Windmill
Net	Flagpole
---	Chim east side of house
	Lat. 41-06.9 Long. 72-20.5
Ches	Co. Eng. Sta.
Whi	Pavilion on dock
---	North gable, large gray house,
	Lat. 41-05.8 Long. 72-20.6
---	End of dock Lat. 41-05.8 Long. 72-20.7
Red	Flagpole
Luk	Flagpole
Sac	Flagpole
Bit	Pavilion on dock
Ale	End of dock
Rye	Front gable, wh. bath ho.
Rig	East end of bridge
Bag	Flagpole on wh. boat ho. on dock
Hut	Small house on dock
Soc	No. gable, large wh. building
Pay	Flagpole at Yacht Club
Pat	Flagpole
Tel	Flagpole on hotel
---	North gable, house on dock
	Latitude 41-05.2 Long. 72-21.5
---	Turret on house on bluff
	Lat. 41-04.9 Long. 72-21.7
On	End of dock
Bab	End of dock
Head	End of dock ? End of B-1/k heda
Box	End of dock
Rock	Pavilion on rock

A list of the prominent landmarks (for navigators and aviators) has been submitted with the separate report on landmarks.

DEPARTMENT OF COMMERCE  
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TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. H

REGISTER NO. **6016**

State New York

General locality Eastern End of Long Island

Locality Greenport and Vicinity

Scale 1-10,000 Date of survey September, 19 33

Vessel \_\_\_\_\_

Chief of party L. C. Wilder

Surveyed by T. F. Squires

Inked by T. F. Squires

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated March 17, 1933, 19 \_\_\_\_\_

Remarks: \_\_\_\_\_