

F00026

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.	F00026
LOCALITY	
State	New York
General Locality	Long Island Sound
Sublocality	Pine Orchard
.....	
<u>1940</u>	
CHIEF OF PARTY	
.....	
LIBRARY & ARCHIVES	
DATE	

F00026

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 No.6 1940

C
POST-OFFICE ADDRESS: Launch ELSIE III
620 Federal Office Bldg.
TELEGRAPH ADDRESS: 90 Church Street
New York, N.Y.
EXPRESS ADDRESS:

F.E.-6
(1940)

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

August 17, 1940

20
22
83 CKG
25
83
To: The Director
U.S. Coast and Geodetic Survey
Washington, D.C.

From: Fred A. Riddell
Chief of Party
Launch ELSIE III

Subject: Dredged Area at Pine Orchard

Reference: ITEMS FOR FIELD INVESTIGATION
Long Island Sound-No. 5A.

The attached survey was made for the purpose of determining the depths in the dredged area and also in the channels leading to it.

METHOD OF SURVEY

TOPOGRAPHY The shore line and signals were rodded in by plane table from a setup on St. Helena Island (θ Len). Orientation was to the house chimney on Rogers Island. No triangulation control was used. However, Δ Brown 1933 was recovered and cut in from the above setup.

LIST of SIGNALS

NAME	DESCRIPTION
Abe	Banner signal on pile
Bet	Banner signal on pile
Bul	Corner of Stone bulkhead
Can	Banner signal on pile
Don	Range light on Flag Pole
Egg	Banner signal
Flag	Yacht Club Flag Pole
Len	Banner signal
Lite	Range light on Breakwater.

HYDROGRAPHY Soundings were taken with a leadline from a dinghy and the lines were controlled by sextant fixes.

TIDES The tides used were the predicted tides for Money Island, the curve of which is attached.

REMARKS

This basin and channels are maintained by the Pine Orchard Development Company, a Real Estate Company which controls the yacht club and most of the summer cottages in this area. Attached is a blueprint which shows the area they attempt to maintain. Their plan is to have about eight (8) to nine (9) feet in the southern part and about six and a half ($6\frac{1}{2}$) feet in the northern part. The survey, however, indicates that shoaling has occurred.

The two flag poles, \odot Don and \odot Flag would make good Landmarks for Charts.

Sounding Volume
under separate cover.

FAR/NRM

Fred A. Riddell

Fred A. Riddell
Chief of Party
Launch ELSIE III

Do not chart ~~Ref.~~

Range Light on this flag pole is charted #37.

F. E. - 6

(1940)



Hydrographic & Topographic
SKETCH

showing
Dredged Anchorage at Pine Orchard
Connecticut
Launch ELSIE III

F. A. Riddell
Chief of Party

August 1940

Scale 1/5,000