

# F00021

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. ....	F00021
Registry No. ....	
LOCALITY	
State .....	New York
General Locality .....	Long Island Sound
Sublocality .....	Huntington Harbor
.....	
1940	
CHIEF OF PARTY	
.....	
LIBRARY & ARCHIVES	
DATE .....	

# F00021

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.1 1940



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

EXPRESS ADDRESS:

F.E.-1  
(1940)

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

June 19, 1940

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

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

Subject: Items for Field Investigation  
Long Island Sound- No. 2  
Chart 224  
C. SHOAL IN HUNTINGTON HARBOR

On June 12, 1940 the attached survey was made to determine the extent and depth of the shoal. Two six foot soundings were obtained approximately as charted but the survey does not indicate that the shoal has extended Northward to include the 9 foot sounding.

METHOD OF SURVEY The shoreline and signals were taken from chart No. 224 enlarged to scale of 1:10,000. Soundings were taken with a lead line from a dinghy. After running the lines plotted on the sheet, three quarters of an hour was spent running cross lines over the area, particularly over the 6 ft. and 9 ft. spots. No shoaler soundings were obtained. A line of soundings was run out thru the channel passed Lloyd Harbor Light and the shoalest reduced depth obtained was  $8\frac{1}{2}$  feet.

TIDES A tide staff was secured to the piling of the dock (© End). Readings were taken half hourly and the attached curve was plotted for reducing the soundings. The staff was not referred to any bench marks. The low point on the curve was considered -0.2 ft. as given in the TIDE TABLES for June 12, 1940.

MESCELLANEOUS The bulkheaded dock (see attached section, chart No. 224) circled in blue and marked "A" is in ruins and is covered at highwater. The topography marked "B" is somewhat changed but considering the small scale of the chart a revision survey is not thought necessary unless the proposed work "C" is accomplished. At the present time there are no definite plans for doing this work.

Sounding volume  
under separate cover.

*Fred A. Riddell*  
Fred A. Riddell  
Launch ELSIE III  
Chief of Party

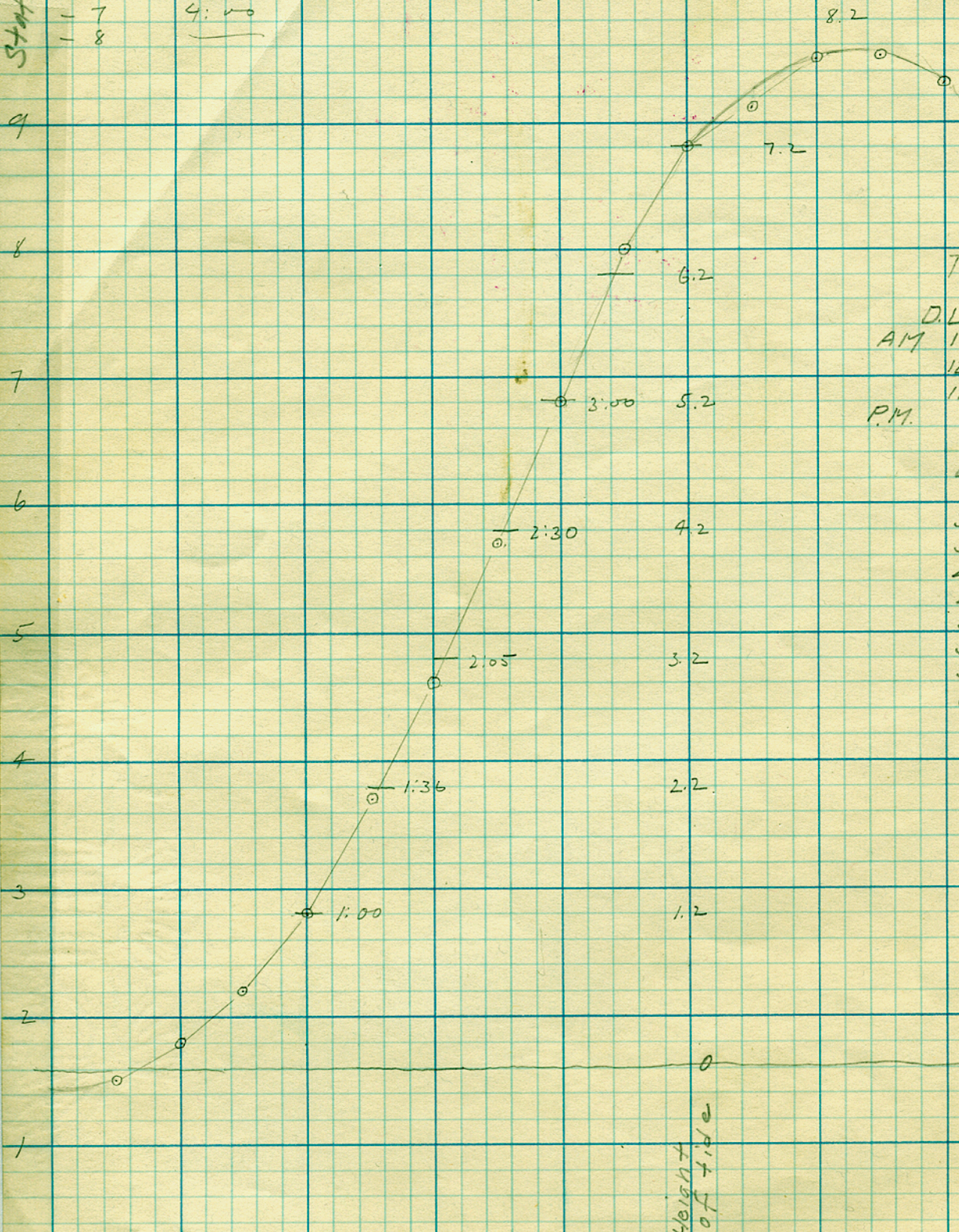
FAR/NFM



Staff Marks.

- 2 ft	1:36
- 3	2:05
- 4	2:30
- 5	3:00
- 6	3:25
- 7	4:00
- 8	

# TIDE STAFF READINGS HUNTINGTON HARBOUR June 12, 1940



Tide Staff Readings

D.L.S.T.		
AM	11:30	1.5
	12:00	1.8
	12:30	2.2
P.M.	1:00	2.8
	1:30	3.7
	2:00	4.6
	2:30	5.7
	3:00	6.8
	3:30	8.0
	4:00	8.8
	4:30	9.1
	5:00	9.5
	5:15	9.5
	5:30	9.5
	6:00	9.3

Height of tide

11 12 1 P.M. 2 3 4 5 6 7  
D.L.S.T. 60th Meridian



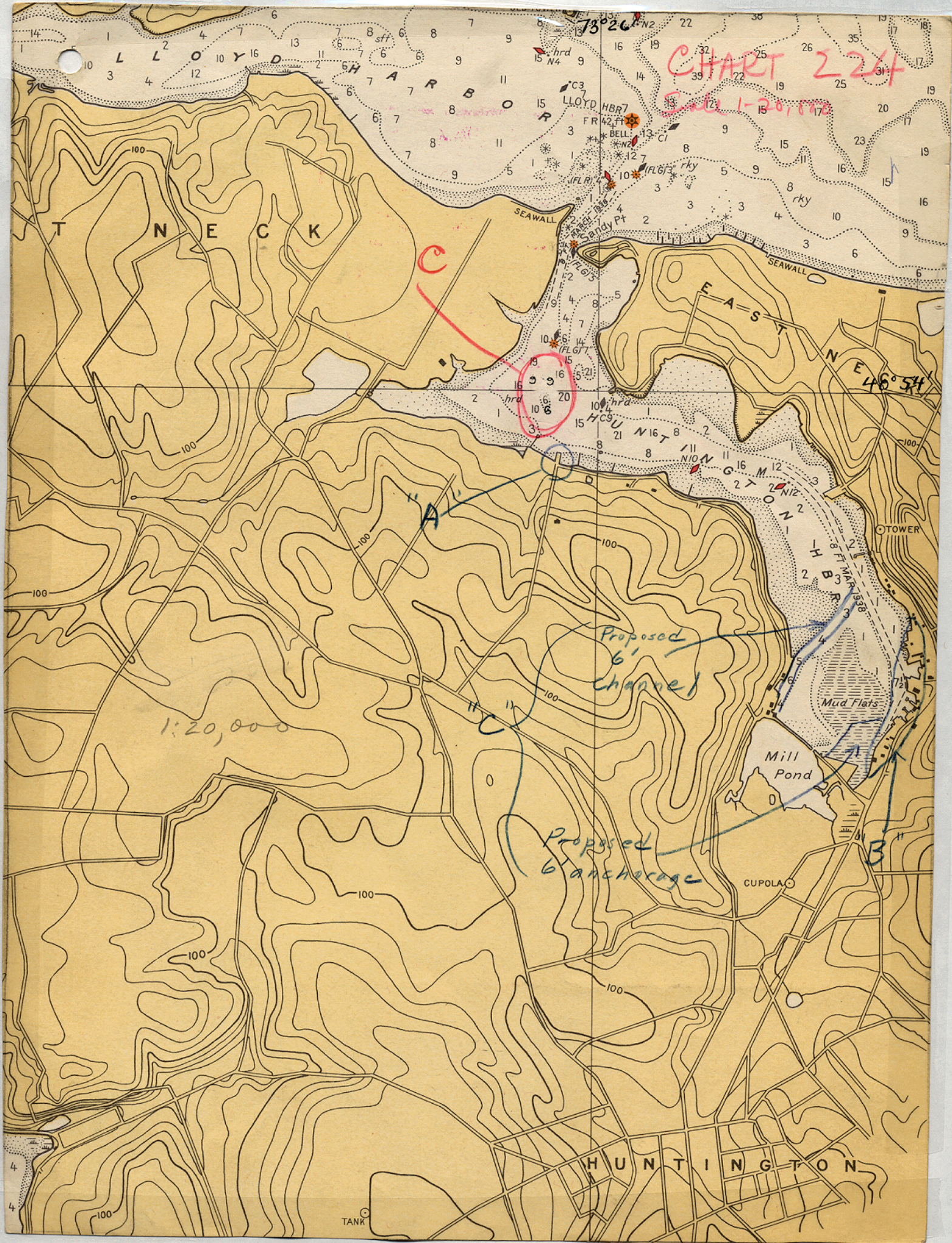


CHART 224

Scale 1:20,000

1:20,000

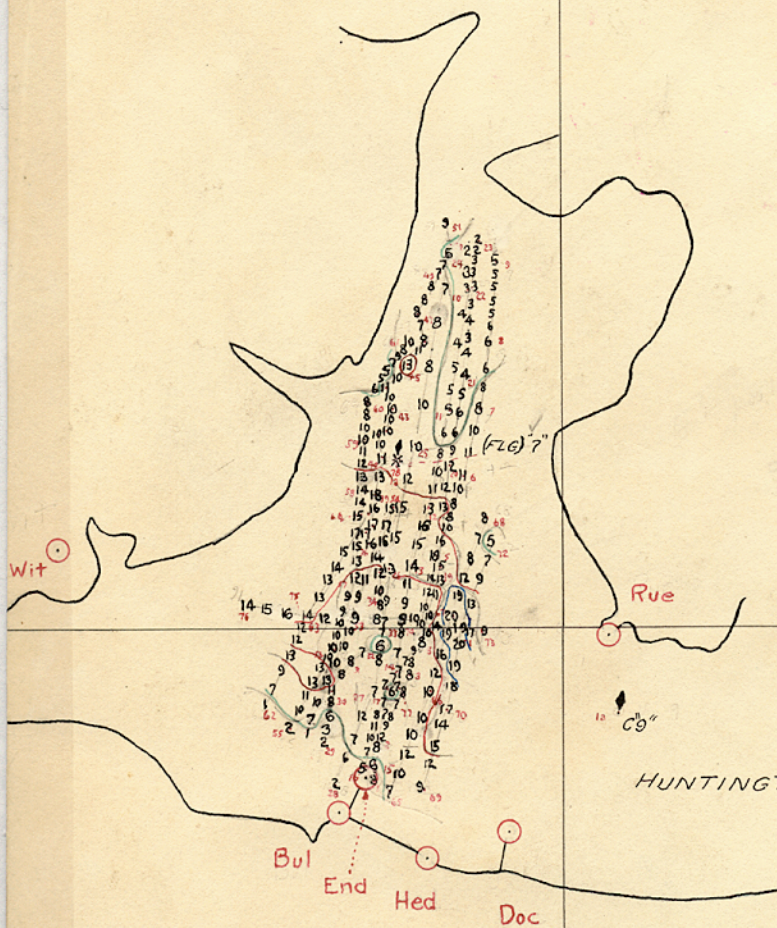
Proposed  
6' Channel

Proposed  
6' Anchorage

3'



Lloyd Hbr



HUNTINGTON HBR.

$40^{\circ} 54'$

Tow

Scale 1:10,000  
N.A. 1927 Datum

$73^{\circ} 26'$