

F00023

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.	F00023
LOCALITY	
State	New York
General Locality	Long Island Sound
Sublocality	Oyster Bay
	Jakobson's Shipyard
	<u>1940</u>
	CHIEF OF PARTY
LIBRARY & ARCHIVES	
DATE	

F00023

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. 3 1940

F.E.-3

(1940)

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1940 JUL - 8 - M 11: 29

70
80
22
30
80

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

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

July 6, 1940

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

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

Subject: Survey in Oyster Bay, N.Y.

On July 2, 1940, the attached survey was made to locate Jakobson's Shipyard and channel at Oyster Bay, L.I. N.Y. Under separate cover is being forwarded the sounding volume.

METHOD OF SURVEY The topography and location of signals was done by plane table. Soundings were taken with a leadline from a dinghy and the lines were controlled by sextant fixes.

CONTROL The control used was natural objects as shown on the attached chart section (224), points 1 and 2, standpipe, and cupola. Point 1 was in the center of the railroad track on the East side of the highway. Point 2 was in the center of the bridge and also in the center of the railroad track.

TIDES A tide staff was secured to the dock (O Dok). Readings were taken half hourly and the attached curve was plotted for reducing the soundings. The low point on the curve was considered to be 0.8 as given in the tide tables.

MESCELLANEOUS No readings were taken to the low water line as the tide was high at the time the topography was done. At low tide the low water line was noted to be about as shown on the chart.

The channel is marked by barrel buoys which are maintained by the shipyard. The original intention was to have a thirteen (13) foot channel to the dock. This, however, as shown by the survey was not accomplished. The shipyard intends to improve it at some future time. There is eleven (11) to twelve (12) feet along the sides of the dock.

*Edg. Verified
7/12/40*

Readings verified from V.T. Formas accounts reduction must wait until receipt of Willis's tide and on 7/15/40

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

The band stand is new and is not the building shown on the chart.
On the shore side of the bandstand is a stone semi-circular bulkhead.

Sounding volume under
separate cover

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

FAR/NRM



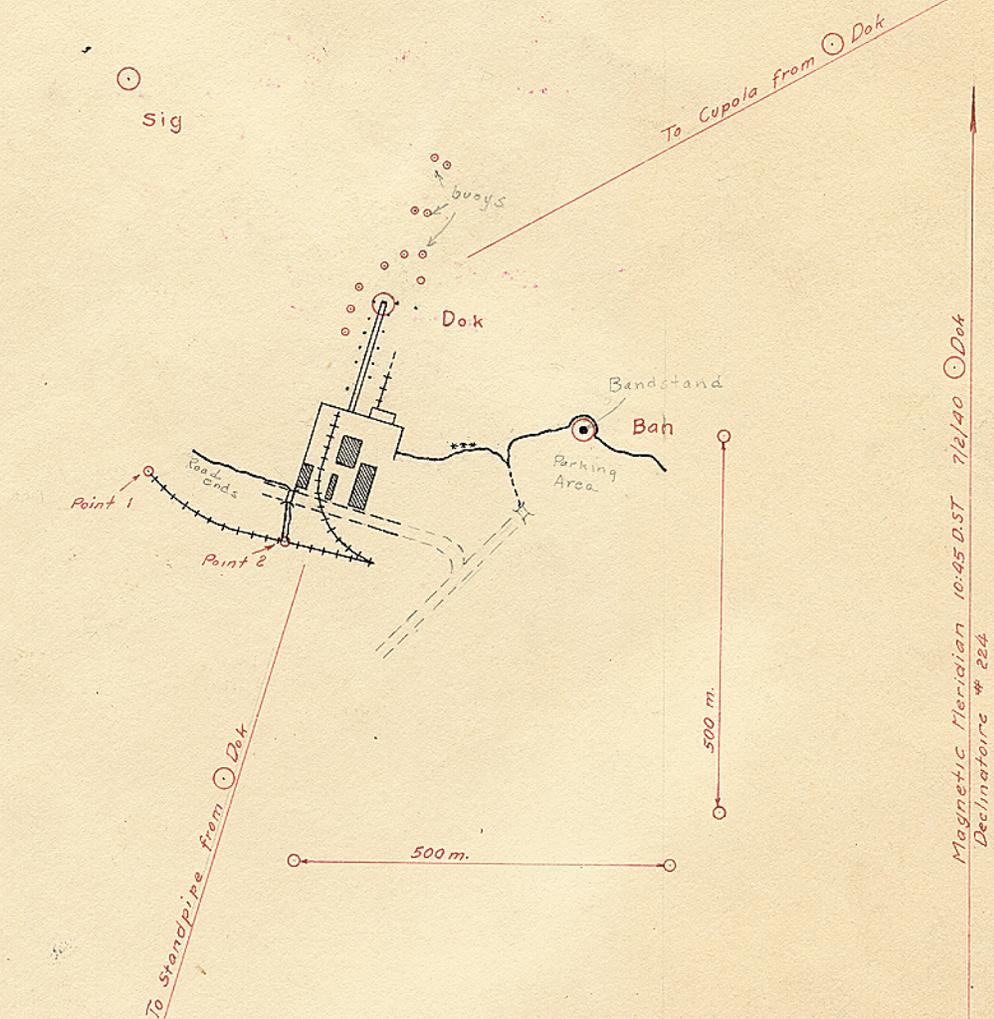
Ban ○

○ Sig

Magnetic Meridian

GERMANY

Inked by Field Party



Sketch Showing Jakobson's Shipyard

Oyster Bay, L.I.N.Y.

July 2, 1940

Launch ELSIE III

F.A. Riddell, Comdg.

Scale 1:10,000

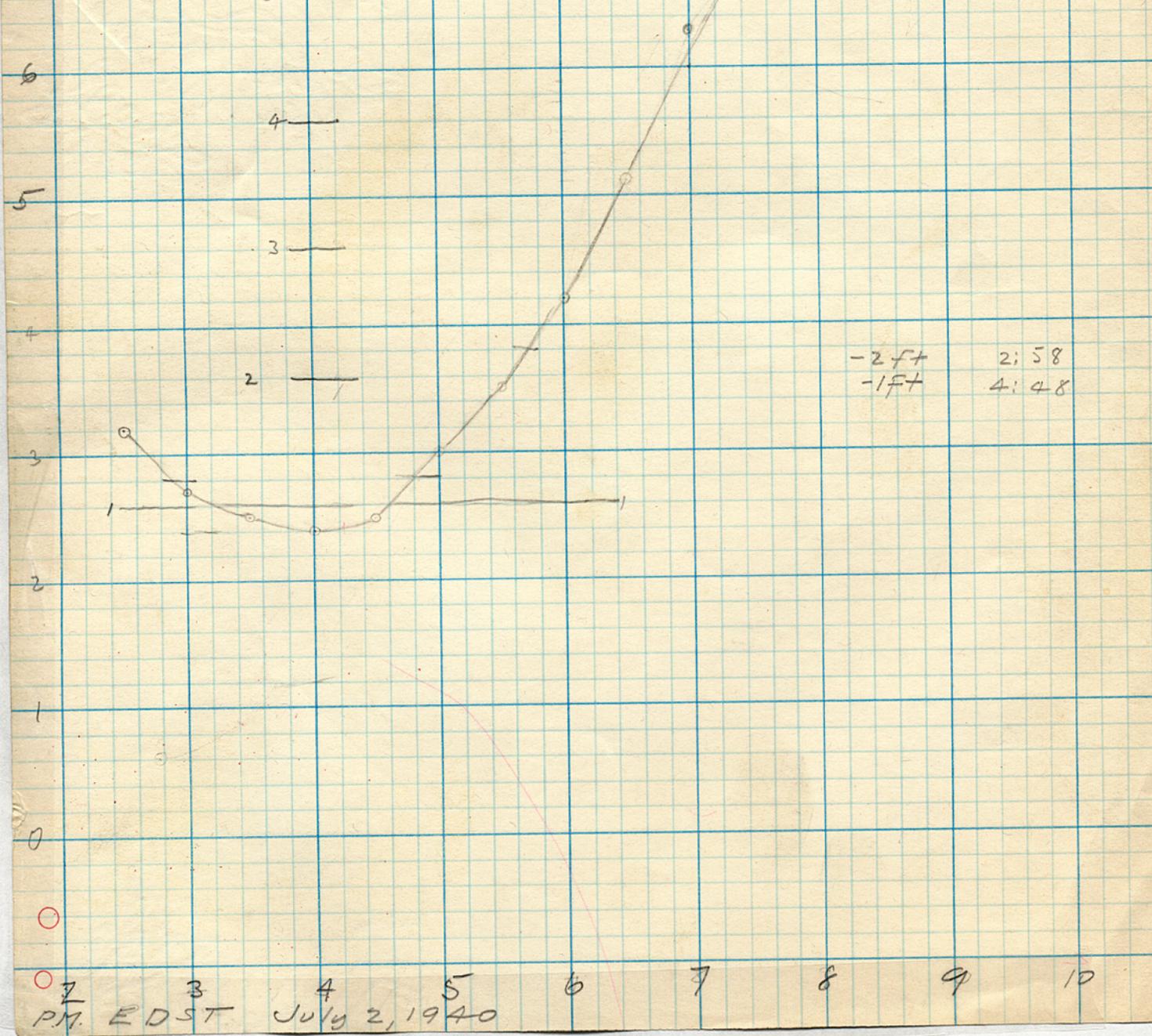
Staff Readings

Tide Staff READINGS

Oyster Bay, L.I. N.Y.

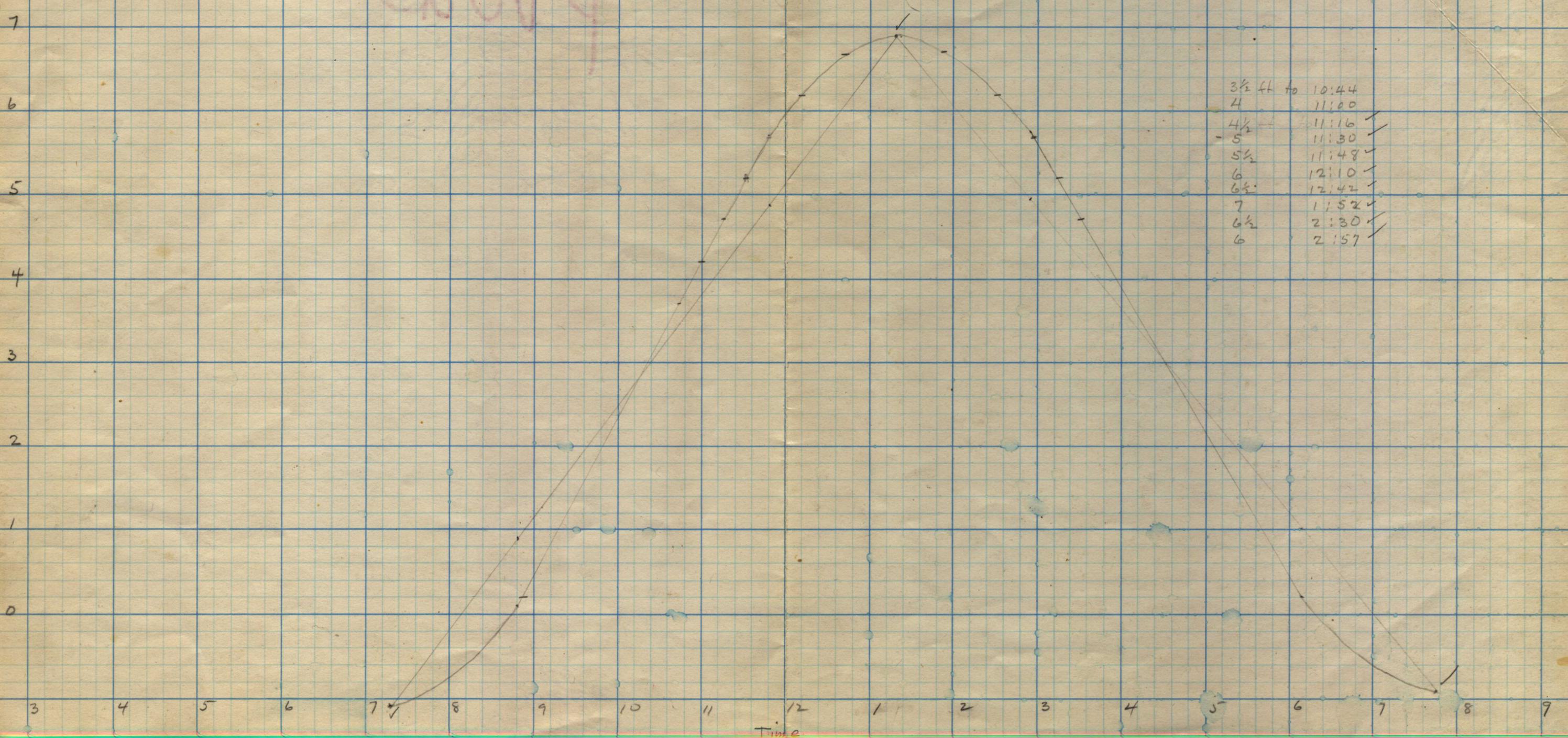
July 2, 1940

2:30	3.2
3:00	2.7
3:30	2.5
4:00	2.4
4:30	2.5
5:00	3.0
5:30	3.5
6:00	4.2
6:30	5.1
7:00	6.3
7:30	7.0
8:00	8.0
8:30	8.7
9:00	9.3
9:30	9.5
10:00	9.6
10:35	9.4



Predicted Tide Curve
 for
 Pine Orchard Harbor
 August 6, 1940
 E.D.S. Time
 Values taken at Money Id.
 Launch ELSIE III
 Fred A. Riddell, Ch. of Party.

CR 104



3½ ft	to	10:44	
4		11:00	
4½		11:16	✓
5		11:30	✓
5½		11:48	✓
6		12:10	✓
6½		12:42	✓
7		1:52	✓
6½		2:30	✓
6		2:57	✓

Soundings are in feet at Mean Low Water.



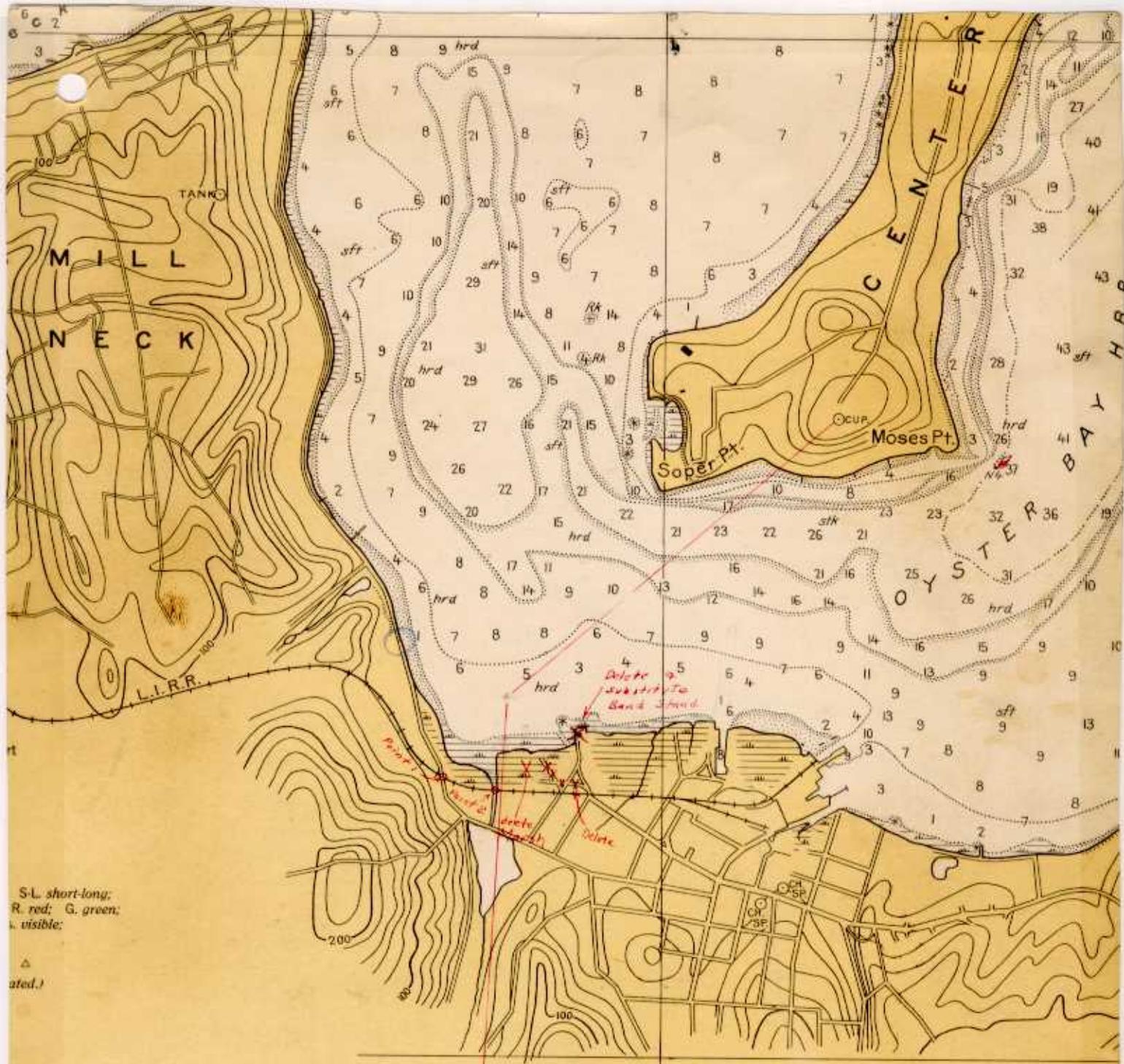
ANCHORAGE BASIN
PINE ORCHARD, CONN.

Oct., 18, 1930

SCALE: 1" = 60'0"

Soundings in Red taken after Dredging Feb. 1931

FILE # I-34C



S.L. short-long;
R. red; G. green;
v. visible;

(ated.)

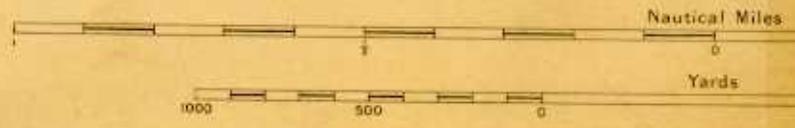
CAUTION

Temporary changes affecting
Lights, Buoys and Day Beacons

Aids which have been destroyed or removed, but which will be reestablished and are temporarily replaced by aids of different characteristics, are indicated in red by the following abbreviations.

- D Destroyed, to be reestablished.
- TRB Temporarily replaced by a red buoy.
- TBB Temporarily replaced by a black buoy.
- TFB Temporarily replaced by a fixed white light buoy.
- TFRB Temporarily replaced by a fixed red light buoy.
- TFLB Temporarily replaced by a flashing white light buoy.
- TFLRB Temporarily replaced by a flashing red light buoy.

Chart 224



33' 32' 31'