

F00027

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.	F00027
LOCALITY	
State	New York
General Locality	Flushing Bay
Sublocality	Jackson Creek Channel
1940	
CHIEF OF PARTY	
LIBRARY & ARCHIVES	
DATE	

F00027

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.7 1940

POST OFFICE ADDRESS: Launch ELSIE III
Norfolk, Va.
TELEGRAPH ADDRESS:
EXPRESS ADDRESS:

F.E.-7

(1940) *LL*

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

October 17, 1940

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

From: Officer in Charge
Launch ELSIE III

Subject: Survey of Flushing Bay.

In accordance with supplemental instructions H.T. 249 dated September 14, 1940 a survey was made of the channel in the western side of Flushing Bay.

SURVEY METHODS The area was first run over at high water taking soundings from the Launch ELSIE III which draws four and a half feet but as it was seen that this method would not suffice the channel itself was developed from a dinghy with outboard. All soundings were made with a leadline. The sides of the channel were developed by running along the bank (about ten meters off) at low water, taking a series of sextant fixes, and from these delineating the edges of the channel. All soundings along these lines are zero plus the tide reducers. These lines are shown in blue on the attached section of Chart 226. Signals used were charted landmarks.

TIDES A tide staff was installed on the pier at the World's Fair basin and this was connected by a loop of spirit levels to points on shore which have been described and which are recoverable. These points, in accordance with paragraph 3 of supplemental Instructions - Project H-T 249 dated May 21, 1940, were not marked by standard bench mark disks. In order to obtain tide reducers a simultaneous comparison will have to be made with the gage at Willets Point. For field reducers two feet on the staff was arbitrarily considered mean low water.

The former bench marks at East Elmhurst were destroyed when the parkway was built.

CONCLUSIONS For the following reasons it is recommended that the dredged channel be deleted from the chart:

(a) It leads nowhere (see my letter of September 14, 1940 subject - Investigations in East River.

(b) It is not marked and can be found only at low water.

Fred A. Riddell

Fred A. Riddell
Chief of Party
Launch ELSIE III

FAR/NRM

REFER TO NO.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LETTER TRANSMITTING FIELD RECORDS

W. F. T. ...
Norfolk, Va.

October 17, 1940

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

From: Fred A. Biddell, C. and G. Survey, Chief of Party.

Subject: Records.

Records as listed below were forwarded to you by Registered Mail
(Ordinary mail, registered mail,

express, G. B. L. (give number)) on October 17, 1940
(Date records were forwarded)

(NOTE.—A separate copy of this form is to be used for each of different kinds of records, as tide records, seismology, terrestrial magnetism, etc. If this form covers the transmission of more than one package of a particular kind of record the form is to carry a statement of the number of packages and an executed copy of the form is to be included in each package.)

Package # 18

- ✓ 1 Chart Section (Chart 226)
 - ✓ 1 Letter (Descriptive Report)
 - ✓ 1 Vol. Tides
 - ✓ 1 Vol. Leveling Record - Tide Station
 - ✓ 1 Report - Tide Station
 - ✓ 1 Sketch
- Sent to T. & C.*

Package # 19

- ✓ 1 Vol. Soundings

Package # 20

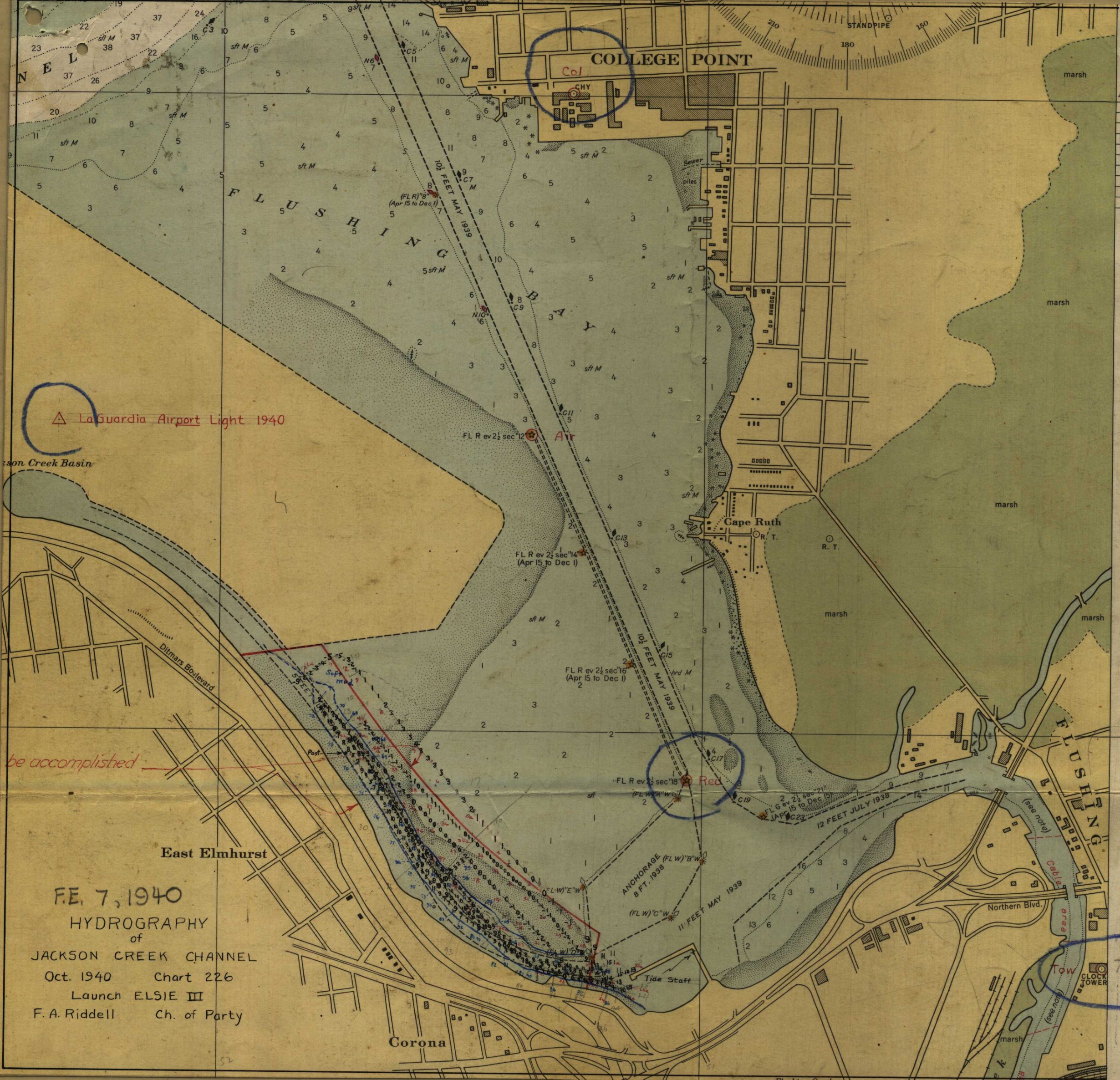
- ✓ 1 Brochure - Chesapeake & Delaware Canal Basin

Received the above:

Fred A. Biddell C. and G. Survey, Chief of Party.

Chief Clerk, Coast and Geodetic Survey.

This form and one copy should be sent to the office. The copy will then be returned as a receipt. This form should not be used for correspondence.



F.E. 7, 1940
 HYDROGRAPHY
 of
 JACKSON CREEK CHANNEL
 Oct. 1940 Chart 226
 Launch ELSIE III
 F. A. Riddell Ch. of Party

40
4'

50'

46'

CLOCK TOWER

Tow