

U.S. ARMY ENGINEER DISTRICT, NEW ENGLAND  
CORPS OF ENGINEERS  
696 Virginia Road  
Concord, Massachusetts 01742-2751

*mail out  
8:15 am*

**JAN 15 2003**  
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CENAE-EP-DS (11-2-240a)

MEMORANDUM FOR See Distribution

SUBJECT: Results of Survey

1. In accordance with department regulations, there is enclosed a drawing showing results of survey in the following Federal project:

Branford Harbor Branford, CT

2. Controlling depth information for the above project is shown on the enclosed copy of navigation and chart data.

FOR THE COMMANDER:

2 Enclosures  
1. ENG Form 4020-R  
2. Dwg. No. COH-122

STEPHEN A. JOHNSTON  
Chief, Survey Section



JOHNSTON  
PROOFREAD

DISTRIBUTION:

GENERAL

Chief Operations Division, Lyn Preston, Nautical Data Branch/NOAA, N/C26, Station 7350  
1315 East-West Highway, Silver Springs, MD 20910-3282 - 1 copy of drawing, 1 copy of form

USCG District 1(oan), 408 Atlantic Avenue, Boston, MA 02210-3350 - 4 copies of drawing, 4 copies of form

NOAA Ship WHITING, Atlantic Marine Center, 439 West York Street, Norfolk, VA 23510 - 1 copy of drawing, 1 copy of form

USCG Cutter Willow, NETC Pier 2 – ATTN: Desiree Atnip, Newport, RI 02841 - 1 copy of drawing, 1 copy of form

Mr. Robert Duncan, 76 Upland Road, Concord, MA 01742 - 1 copy of drawing, 1 copy of form

**CONNECTICUT** ( The following address receive information for all CT Project)

Mr. Dave Rossiter  
Bureau of Aviation & Ports  
Office of Waterways State Pier  
CT Department of Transportation  
New London, CT 06320

1 drawing of map

Commanding Officer  
US Coast Guard  
Group Long Island Sound  
120 Woodward Ave.  
New Haven, CT 06512

1 copy of Results of Survey  
1 drawing of map

(No longer)

**REPORT ON CHANNEL CONDITIONS  
100 TO 400 FEET WIDE  
(ER 1130-2-316)**

DATE: JAN 15 2003

TO:	FROM: U.S. Army Corps of Engineers New England District 696 Virginia Road Concord, MA. 01742-2751
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RIVER/HARBOR NAME AND STATE: Branford Harbor, CT Dwg. No. BD-92, Sheets 1-3 of 3, Dated 14 Jan 2003	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)			
<b><u>CONDITION SURVEY</u></b> <b><u>8.5-Foot Channel</u></b>							
From about 1,040' seaward of Beacon 7	1/01	100 to 120	0.17	8.5	8.5	8.5	8.5
Thence upstream 2,220'	1/01	100	0.37	8.5	7.0 <sup>(1)</sup>	6.8	7.0
Thence upstream 630'	1/01		0.11			(2)	
Thence upstream 2,400' to vicinity of Goodsell Point Marina	1/01	100 to 125	0.39	8.5	8.0 <sup>(3)</sup>	8.2	8.1 <sup>(4)</sup>
Thence upstream 4,400'	2/01	100	0.72	8.5	6.7 <sup>(5)</sup>	6.9	7.9 <sup>(6)</sup>
Thence upstream 2,100'	2/01	100 to 65	0.35	8.5	5.0 <sup>(7)</sup>	6.2	7.5 <sup>(8)</sup>

**GENERAL NOTE:** The information shown on this sheet(s) represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

**FOOT NOTES:**

- (1). Except for shoaling to 6.9' along channel limit.
- (2). This area is naturally deep and has never been dredged. Shoaling to 7.8' within this area.
- (3). Except for shoaling to 6.6' within 5' of channel limit.
- (4). Except for shoaling to 6.9' within 5' of channel limit.
- (5). Except for shoaling to 5.6' along channel limit.
- (6). Except for shoaling to 6.8' within 5' of channel limit.
- (7). Except for shoaling to 4.6' within 5' of channel limit.
- (8). Except for shoaling to 6.4' within 10' of channel limit.
- (9). Encroaching of docks in the vicinity of Indian Neck Yacht Club by 0.49', Dutch Wharf Boat Yard by 1.61' and at the coordinate N157987 and N581121 by 2.25'. Piles partially encroaching channel in various locations.