

APR 12 2004

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

11.00 a.m.
✓

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:

Black Rock Harbor & Cedar Creek, Bridgeport, 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. BT-533

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
(No longer, Return to Sender Feb. 18, 2004)

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)

NEW LONDON HARBOR, NEW HAVEN HARBOR & BRIDGEPORT HARBOR

Northeast Marine Pilots Incorporated, 243 Spring Street, Newport, RI 02840 – 1 copy of drawing,

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

DATE: **APR 12 2004**

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: Black Rock Harbor & Cedar Creek, Bridgeport, CT. Dwg. No. BT-533, Sheets 1-4 of 4, Dated 11 May 2004	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)			
<u>CONDITION SURVEY</u> <u>18-Foot Channel</u>							
<u>Black Rock Entrance Channel</u> From about 500' seaward of Buoy RN-4 upstream 2660' to Buoy RN-8	02/03	400 to 200 to 300 to 200 to	.44	18.0	13.3	(1) 15.0	14.7
Thence upstream about 2670' upstream to Buoy RN-10	02/03	200	.44	18.0	(2) 10.1	(3) 13.2	(4) 13.4
<u>Black Rock Entrance Channel and Cedar Creek Channel</u> Thence upstream about 3000'	02/03	200	.49	18.0	(5) 9.1	12.5	(6) 10.7
<u>Cedar Creek Channel</u> Thence upstream about 3110' (intersection of the east & west branch channels)	02/03	200 to 150 to 230	.51	18.0	(7) 11.0	12.6	(8) 12.5

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 14.8' on left of middle half limit within 110' seaward of Buoy RN-8.
- (2). Except for scattered shoaling to 8.8' within 5' of west limit.
- (3). Except for scattered shoaling to 11.7' within 3' left of middle half limit from 550' seaward of Buoy RN-10 upstream to Buoy RN-10.
- (4). Except for scattered shoaling to 12.5' within 10' of east limit.
- (5). Except for shoaling to 8.0' within 5' of northwest limit from 50' seaward to 50' upstream of Buoy GC-13.
- (6). Except for scattered shoaling to 7.3' within 2' of east limit from Buoy GC-11 to 850' upstream of Buoy GC-11.
- (7). Except for shoaling to 8.8' on northwest limit from 550' to 350' seaward of Nutrico Inc. South Dock .
- (8). Except for shoaling to 11.3' on east limit opposite of Cedar Marina area.

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

PAGE 2 OF 2 PAGES

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DATE:

TO:

FROM: U.S. Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA. 01742-2751

RIVER/HARBOR NAME AND STATE: Black Rock Harbor & Cedar Creek,
Bridgeport, CT
Dwg. No. BT-533, Sheets 1-4 of 4, Dated 11 May 2004

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

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)			
<u>CONDITION SURVEY</u> <u>18-Foot Channel</u>							
<u>East Branch Channel</u> From intersection of east and west branch channels upstream 1470'	02/03	100	.24	18.0	(9) 11.4	(10) 15.9	(11) 12.4
<u>West Branch Channel</u> From intersection of east and west branch channels upstream 690'	02/03	100	.11	18.0	(12) 14.2	(13) 15.3	13.8

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:

- (9). Except for scattered shoaling to 1.6' in last 100' of Federal Project limit.
- (10). Except for shoaling to 5.2' in last 220' of Federal Project limit.
- (11). Except for scattered shoaling to 2.8' in last 225' of Federal Project limit.
- (12). Except for shoaling to 12.1' on west limit in the last 150' of Federal Project Limit.
- (13). Except for scattered shoaling to 13.7' in last 200' of Federal Project limit.