

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

mailed out
11.30 am
✓

CENAE-EP-DS (11-2-240a)

JAN 23 2004

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:

Portland Harbor (Back Cove), ME

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. 2553

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

MAINE

Mr. Robert D. Elder, Director, Office of Freight Transportation, Child Street, 16 State House Station, Augusta, ME 04333-0016 - 1 copy of drawing, 1 copy of form

U.S. Army Corps of Engineers, LeeAnn B. Neal Maine Project Office, 675 Western Ave. # 3
Manchester, ME 04351

Federal Consistency/Dredging Coordination – State Planning Office – State House Station 38
Augusta. ME 04333

US Coast Guard – Clark Point Road – P.O. Box 5000 - Southwest Harbor, ME 04679

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

DATE:

TO:

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

RIVER/HARBOR NAME AND STATE: Back Cove, Portland Harbor, ME
 Dwg. No. 2553, Sheets 1 & 2 of 2, Dated 22, January 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)			
<p><u>CONDITION SURVEY</u> <u>30-Foot Approach Channel</u></p> <p>From about 210' seaward of Buoy GC-5 upstream 2,620' (about 445' upstream of Buoy RN-8).</p>	5/00	500' To 300'	.43	30'	21.0 (1)	19.0 (2)	18.3
<p><u>14-Foot Federal Channel</u></p> <p>From about 180' seaward of center line of Railroad Bridge upstream 310'.</p>	5/00	50'	.05	14'		7.5	
<p>Thence upstream 1,490' to end of 14 foot channel.</p>	5/00	300'	.25	14'	6.0 (3)	13.2	13.5
<p><u>12-Foot Federal Channel</u></p> <p>From about 210' seaward of center line of fixed Bridge upstream 2100' to end of Federal Navigation Project.</p>	5/00	300'	.35	12'	8.3 (4)	3.5	3.0

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 12.9' from vicinity of Buoy RN-8 upstream 450' to end of 30' channel.
- (2). Except for shoaling to 15.5' from about 180' upstream from Buoy RN-8 upstream 260' to end of 30' channel.
- (3). Shoaling is located from about 520' to 720' upstream of Railroad Bridge, 12.9' available elsewhere.
- (4). Except for shoaling to 4.4' in last 300' of Federal navigation project.