

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

sent out
AUG 02 2001
✓

CENAE-CO-TS-S (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:

Beverly Harbor, Beverly, MA

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. drawing
2. navigation and
chart data

STEPHEN A. JOHNSTON
Chief, Survey Unit



JOHNSTON
PROOFREAD

DISTRIBUTION:

GENERAL

Chief Operations Division, Gregory Norris, Nautical Data Branch/NOAA, N/C26, Station 7349
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

Defense Mapping Agency – Navigation Information and Services – ST D44 4600 Sangamore Road Bethesda, MD 20816

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

MASSACHUSETTS

Director, DEM Waterways, 349 Lincoln Street, Building 45, Hingham, MA 02043 – 1 copy of drawing, 1 copy of form

Commanding Officer, USCG WHITE HEATH (WLM-545), 427 Commercial Street, Boston, MA 02109-1027 - 1 copy of drawing, 1 copy of form

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

PAGE 1 OF 1 PAGES

DATE: AUG 02 2001

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

RIVER/HARBOR NAME AND STATE Beverly Harbor, Beverly, MA
Dwg. No. BEV146, Sheet 1 of 1, Dated 1 August 2001

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 naut. (miles)	MLLW DEPTH (feet)			
<u>CONDITION SURVEY</u> <u>24-FOOT CHANNEL</u>							
From about 480' seaward of Buoy RN-4 upstream 1,310' (about 300' seaward of Buoy GC-7)	11/00	250	.22	24.0	22.5	24.0	22.6
Thence upstream 1,060' (about 130' seaward of Buoy RN-8)	11/00		.17		This reach is naturally deep and has never been dredged.		
Thence upstream 1,870' (about 300' upstream from Buoy GC-11 opposite Tucks Point)	11/00	200 to 400	.31	24.0	20.8	23.6	(1) 18.4
Thence upstream 1,950' to upstream end of Federal Navigation Project (about 190' seaward of Buoy GC-15)	11/00	400 to 300	.32	24.0	(2) 22.8	(3) 19.9	(4) 15.3

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 16.6' along north channel limit.
- (2). Except for shoaling to 21.5' within 10' along south channel limit.
- (3). Except for obstructions of docks and floats located within the last 1250' of reach.
- (4). Except for shoaling to 4.3' within 15' along north channel limit and obstructions of docks and floats located within the last 1400' of reach.