

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

*Mailed
Feb. 19/2004*

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:

Hyannis Harbor, Hyannis, 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. ENG Form 4020-R
2. Dwg. No. 166

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

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
NO LONGER (1 ST. APR. 2002 BY LISA GREENLAW)

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

PAGE 1 OF 1 PAGES

DATE: FEB 19 2004

T0: FROM: U.S. Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA. 01742-2751

RIVER/HARBOR NAME AND STATE: Hyannis Harbor, Hyannis, MA
Dwg. No. 166, Sheet 1-5 of 5, Dated 18 February 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>13-Foot Channel</u>							
From about 370' seaward of Buoy GC-5 upstream about 6470' to Buoy FG-11	02/02	240 to 320 to 240	1.06	13.0	(1) 11.7	11.2	(2) 12.7
Thence upstream about 3200' to Buoy GC-15	02/02	240	.53	13.0	12.9	12.2	13.0
Thence upstream about 3980' to end of 13' Channel (about 170' upstream of Buoy RN-22)		240 to 320 to 220 to 150	.66	13.0	12.1	(3) 11.3	(4) 12.6
<u>13-Foot Inner Harbor Channel</u>	02/02	100	.09	13.0	(5) 11.2	11.4	(6) 12.6
<u>13-Foot Anchorage</u>	02/02		6.6 Acres	13.0		(7) 12.1 Available	
<u>12-Foot Anchorage</u>							
Northeast corner	02/02		.44 Acres	12.0		(8) 9.9 Available	
North corner	02/02		.23 Acres	12.0		(9) 12.0 Available	

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 scattered shoaling to 10.5' within 20' of west limit from Buoy FG-9 upstream about 50' to 150'.
- (2). Except for shoaling to 12.5' on the southeast limit about 2200' upstream of Buoy FR-6; to 12.6' within 2' of east limit about 200' seaward of Buoy FR-10.
- (3). Shoal is located from Buoy GC-15 upstream about 0' to 300' and from Buoy RN-22 upstream about 0' to 170' (end of 13' Channel); 12.6' available in remainder of reach.
- (4). Except for shoaling to 12.5' on east limit about 250' upstream of Buoy FR-18, and to 12.1' on east limit about 35' upstream of Buoy RN-22.
- (5). Except for scattered shoaling to 10.4' on the south limit.
- (6). Except for scattered shoaling to 10.9' on the north limit and west limit.
- (7). Except for scattered shoaling to 11.7' within 30' of east and north limit; and to 9.6' within 60' of south limit.
- (8). Except for scattered shoaling to 8.3' within 10' of north limit and east corner within 50' no sounding.
- (9). Except for north corner about 65' x 110' no sounding.