

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

Mailed.
13.30

June 22, 2007 ✓

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:

Green Harbor – Marshfield, MA

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

FOR THE COMMANDER:

STEPHEN A. JOHNSTON
Chief, Survey Section

- 2 Enclosures:
1. ENG Form 4020-R
2. Dwg. No. GR - 83



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

Capt. E. Howard McVay Jr. - Northeast Marine Pilots Incorporated, 243 Spring Street,
Newport, RI 02840 – 1 copy of drawing,

Kevin J. Blount Chief, Waterways Management & Marine Information Section – First Coast
Guard District 1 (oan) - 408 Atlantic Ave. Boston, MA 02110 – 3350

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

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

DATE: June 22, 2007

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: Green Harbor, Marshfield, MA Dwg. No. GR-83, Sheets 1-2 of 2, Dated 22 June 2007	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>AFTER DREDGE SURVEY</u>							
<u>8-Foot Channel</u>							
From about 230' seaward of Buoy RN-6 upstream about 884' to beginning of 6-Foot Channel (about 130' upstream from south end of East Jetty)	6/07	100	.15	8.0	(1) 8.0	8.0	8.0
<u>6-Foot Channel</u>							
From about 650' upstream of Buoy RN-6 upstream about 1,270' to beginning of 6-Foot Anchorage	6/07	100	.21	6.0	(2) 6.0	6.0	(3) 6.0
<u>CONDITION SURVEY</u>							
<u>6-Foot Anchorage</u>							
From about 1,925' upstream of Buoy RN-6 (adjacent to end of bulkhead and West Jetty) upstream 1,605' to a narrowing of a 70' width	6/07		9.0 acres	6.0		(4) 0.7	

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 7.5' within 10' along west channel limit from about 190' to 225' upstream of Buoy RN-6.
- (2). Except for shoaling to 5.4' within 10' along west channel limit from about 1,275' to 1,325' upstream of Buoy RN-6.
- (3). Except for shoaling to 5.7' within 10' along east channel limit from about 1,525' to 1,575' upstream of Buoy RN-6.
- (4) Except for shoaling to 0.2' and an obstruction of float within 15' along west anchorage limit; except for shoaling to +0.6' at northeast corner of anchorage limit.

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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>							
Thence upstream about 450' to beginning of 6-Foot Turning Basin	6/07	70	.07	6.0		2.4	
<u>6-Foot Turning Basin</u>							
From about 310' upstream to upstream end of Federal Navigation Project	6/07		0.92 acre	6.0		(5) 1.0	

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:

(5). Except for shoaling to +0.1' within 10' along east turning basin limit.