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

May 22, 2006

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:

Clinton Harbor – Clinton, CT

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

FOR THE COMMANDER:

Maureen T Murray
STEPHEN A. JOHNSTON
for Chief, Survey Section

2 Enclosures:
1. ENG Form 4020-R
2. Dwg. No. CN-233

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

USCG Cutter Willow, NETC Pier 2 – ATTN: Desiree Atnip, Newport, RI 02841 – 1 copy of drawing, 1 copy of form

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

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

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

PAGE 1 OF 1 PAGES

DATE: May 22, 2006

TO:

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

RIVER/HARBOR NAME AND STATE: Clinton Harbor, Clinton, Connecticut
Dwg. No. CN-233, Sheets 1-2 of 2, Dated 19 May 2006

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
CONDITION SURVEY **8-Foot Channel**							
From 200' seaward of Buoy Fl G-3 upstream about 2,590' to Buoy GC-9	6/05	100	0.43	8.0	6.2	(1) 1.0	(2) 0.5
Thence upstream 1,340' to about 15' upstream of Buoy GC-11	6/05	100	0.22	8.0	(3) 6.3	(4) 3.0	(5) 0.3
Thence upstream 620' to Buoy RN-12	6/05	100 to 155 to 100	0.10	8.0	(6) 7.9	8.0	8.0
Thence upstream 510' to Buoy RN	6/05	100	0.08	8.0	(7) +3.3	+0.5	7.8
Thence upstream 1,600' to end of Federal Navigation Project	6/05	100 to 125	0.26	8.0	(8) 7.7	(9) 8.0	8.0
8-Foot Anchorage	6/05		1.37 acres	8.0		(10) 5.8	
8-Foot Anchorage	6/05		0.60 acres	8.0		(11) 6.3	

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). Shoaling is located from about 100' seaward to 200' upstream of Buoy RN-6; 6.1' available elsewhere.
(2). Shoaling is located from about 200' seaward to 425' upstream of Buoy RN-6; except for shoaling to 1.4' within 10' of east channel limit; 5.6' available elsewhere.
(3). Shoaling is within 10' of west channel limit; 6.8' available elsewhere.
(4). Shoaling is about 55' seaward of Buoy RN-8; 8.0' available elsewhere.
(5). Shoaling is from about 130' seaward to 150' upstream of RN-8; except for shoaling to 5.8' within 10' of east channel limit; 6.7' available elsewhere.
(6). Except for shoaling to 7.1' within 10' of west channel limit.
(7). Previous topographic survey in this area indicated shoaling condition due to erosion from Cedar Island bank.
(8). Except for shoaling to 6.6' within 10' of west channel limit; encroachment by piles scattered throughout the channel.
(9). Encroachment by piles from about 20' seaward to 100' upstream of Buoy RN-16.
(10). Except for shoaling to 5.1' within 10' of north anchorage limits; encroachment by a pile and float in the vicinity of Port Clinton Marina.
(11). Encroachment by piles scattered throughout the anchorage.

NOAA Chart 12372

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

PAGE 1 OF 1 PAGES

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Dwg. No. CN-233, Sheets 1-2 of 2, Dated 19 May 2006

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CONDITION SURVEY **8-Foot Channel**							
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Thence upstream 620' to Buoy RN-12	6/05	100 to 155 to 100	0.10	8.0	(6) 7.9	8.0	8.0
Thence upstream 510' to Buoy RN	6/05	100	0.08	8.0	(7) +3.3	+0.5	7.8
Thence upstream 1,600' to end of Federal Navigation Project	6/05	100 to 125	0.26	8.0	(8) 7.7	(9) 8.0	8.0
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(3). Shoaling is within 10' of west channel limit; 6.8' available elsewhere.
(4). Shoaling is about 55' seaward of Buoy RN-8; 8.0' available elsewhere.
(5). Shoaling is from about 130' seaward to 150' upstream of RN-8; except for shoaling to 5.8' within 10' of east channel limit; 6.7' available elsewhere.
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(7). Previous topographic survey in this area indicated shoaling condition due to erosion from Cedar Island bank.
(8). Except for shoaling to 6.6' within 10' of west channel limit; encroachment by piles scattered throughout the channel.
(9). Encroachment by piles from about 20' seaward to 100' upstream of Buoy RN-16.
(10). Except for shoaling to 5.1' within 10' of north anchorage limits; encroachment by a pile and float in the vicinity of Port Clinton Marina.
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NOAA Chart 12372

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