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

Sent out
9.30am

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

APR 15 2003

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:

Rockland Harbor, Rockland, Maine

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. 2567

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 – Southwest Harbor, ME 04679

REPOR CHANNEL CONDITIONS
1[illegible] O 400 FEET WIDE
(ER 1130-2-316)

PAGE 1 OF 4 PAGES

DATE: APR 15 2003

TO:

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

RIVER/HARBOR NAME AND STATE: Rockland Harbor, Rockland, ME
Dwg. No. 2567, Sheets 1-2 of 2, Dated 11 April 2003

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)
AFTER-DREDGE SURVEY							
18-Foot Entrance Channel							
From about 540' seaward of Buoy FIR-4 to confluence about 35' seaward of Buoy FIR-4	3/03	200	.08	18.0	17.8	18.0	17.6
18-Foot Confluence Area							
From about 35' seaward of Buoy FIR-4 northwesterly to about 265' upstream of Buoy FIR-4 and southwesterly to about 380' to about 50' seaward of Buoy GC-1	3/03	300x435	3.23 acres	18.0		17.4 Available	
18-Foot Channel							
From about 50' seaward of Buoy CG-1 upstream 870' to about 50' seaward of Buoy GC-3	3/03	100	.14	18.0	15.8	16.4	14.9

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:

NOAA Chart 13307

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

DATE: APR 15 2003

TO:

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

RIVER/HARBOR NAME AND STATE: Rockland Harbor, Rockland, ME
Dwg. No. 2567, Sheets 1-2 of 2, Dated 11 April 2003

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)
AFTER-DREDGE/ CONDITION SURVEY							
14-Foot Channel							
From about 50' seaward of Buoy CG-3 upstream 830' to about 15' upstream of Buoy YN-A	3/03	100	.14	14.0	(1) 13.8	13.9	(2) 13.7
14-Foot Turning Basin							
From about 15' upstream of Buoy YN-A upstream 300' to upstream limit of basin	3/03	200x300	0.77 acre	14.0		(3) 14.0	
18-Foot Channel							
From about 265' upstream of Buoy FIR-4 upstream about 480'	3/03	150	.08	18.0	(4) 17.4	(5) 17.7	17.0
14-Foot Channel							
From about 745' upstream of Buoy FIR-4 upstream 450' to upstream limit of channel	3/03	150	.07	14.0	8.9	(6) 11.4	12.8

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 13.7' along south channel limit approximately 130' upstream from Buoy GC-3.
(2). Except for shoaling to 10.1' within 5' along northwest channel limit, and the vicinity of sewer outfall.
(3). Except for isolated shoaling to 13.7' within 20' of northwest and southeast limit of basin.
(4). Except for shoaling to 16.8' within 5' along southwest channel limit in the no dredging zone.
(5). The partial reach was not dredged from about 520' upstream of Buoy FIR-4 to upstream about 225'. 18' available in the dredging zone.
(6). The reach was not dredged.

NOAA Chart 13307

REPORT OF CHANNEL CONDITIONS
1(400 FEET WIDE
(ER 1130-2-316)

DATE: APR 15 2003

TO:

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

RIVER/HARBOR NAME AND STATE: Rockland Harbor, Rockland, ME
Dwg. No. 2567, Sheets 1-2 of 2, Dated 11 April 2003

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)
AFTER-DREDGE/ CONDITION SURVEY							
14-Foot Channel							
From about 20' seaward of Buoy RG-C upstream 1,220' to about 20' upstream of Buoy RN-12	3/03	100	.20	14.0	13.2	12.4	13.7
14-Foot Turning Basin							
From about 20' upstream of Buoy RN-12 upstream 490' to limit of basin	3/03	250x490	2.0 acres	14.0		13.5 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:

NOAA Chart 13307