

Sent out
March 30, 2001

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

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:

Saco River, ME

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 02210-2209 - 4 copies of drawing, 4 copies of form

Mr. Robert Duncan, 76 Upland Road, Concord, MA 01742 - 1 copy of drawing, 1 copy of form

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

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

USCG Cutter Willow, ATTN: Desiree Atnip, NETC Pier 2, Newport, RI 02841 - 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.
Manchester, ME 04351 - 1 copy of drawing

Ms. Fran Rudoff, State Planning Office, State House Station 38, Augusta, ME 04333 - 1 copy of drawing, 1 copy of form

DATE: MAR 29 2001

TO:

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

RIVER/HARBOR NAME AND STATE Saco River, ME.
 Dwg. No. 2497, Sheet 1-4 of 4, Dated 29 Mar. 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)	DEPTH (feet)			
<u>CONDITION SURVEY</u> <u>8-FOOT CHANNEL</u> From 290' seaward of Buoy GC-5 upstream 8800' to Buoy RN-8.	7/99 9/99	200 to 140	1.45	8.0	6.6	5.9	(1) 6.2
Thence upstream about 2470'	7/99 9/99	140	0.41	8.0	8.0	7.4	(2) 7.5
<u>6-FOOT ANCHORAGE</u> Adjacent to north channel limit downstream of town pier system	7/99 9/99	200	3.0 acres	6.0	5.7	(1)(3) Available	
<u>6-FOOT ANCHORAGE</u> Adjacent to north channel limit upstream of town pier system	7/99 9/99	310	6.1 acres	6.0	1.5	(4) Available	
<u>6-FOOT ANCHORAGE</u> Adjacent to south channel limit upstream of town pier system	7/99 9/99	175	4.6 acres	6.0	5.4	(5) Available	
Thence upstream about 17600' to the upstream limit of Cow Island			2.9		This area is naturally deep and has never been dredged.		
<u>8-FOOT CHANNEL</u> From about the west end of Cow Island upstream about 2400' half way around Half-Tide Island.	7/99 9/99	100 to 150 to 100 to .95	0.39	8.0	(6) 4.5	(7) 4.2	(8) 3.8

GENERAL NOTE: The information shown on this sheet(s) represents the results of survey made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

FOOT NOTES:

- (1) Ice breakers located between the north channel limit and south limit of the anchorage downstream of town pier system.
- (2) Except for scattered shoaling to 6.9' on the northeast limit.
- (3) Except for shoaling to 3.1' within 20' of northwest corner of anchorage.
- (4) Except for scattered shoaling to 0.7' within 100' of west limit of anchorage; 5.2' available within 350' of east limit, except for scattered shoaling to 2.7' on north limit of anchorage.
- (5) Except for shoaling to 5.1' on south limit of anchorage.
- (6) Shoal located from Cow Island upstream about 700'; 7.1' available in remainder of reach.
- (7) Except for shoaling to 3.5' within about 250' of the upstream limit of Federal Project adjacent to the west side of Half-Tide Island.
- (8) Except for shoaling to 2.1' within about 250' of the upstream limit of Federal Project adjacent to the west side of Half-Tide Island.

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RIVER/HARBOR NAME AND STATE Saco River, ME.
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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)	DEPTH (feet)			
<u>CONDITION SURVEY</u> <u>8-FOOT CHANNEL</u> <u>6-FOOT BASIN</u> Area north, east and south of Half-Tide Island	7/99 9/99	100 to 200	10.3 acres	6.0	{ Northern Portion 6.0 Eastern Portion +1.8 Southern Portion 1.8	Available ⁽⁹⁾ Available ⁽¹⁰⁾ Available ⁽¹¹⁾	

GENERAL NOTE: The information shown on this sheet(s) represents the results of survey made on the dates indicated and can only be considered as indicating the general conditions existing at that time.
FOOT NOTES:

- (9) Except for scattered shoaling to 5.2' near south limit of basin.
- (10) Shoals located in an area approximately from Cow Island to Half-Tide Island; 5.3' available within 200' of northeast limit of the basin.
- (11) Shoals located from the east end of Half-Tide Island to approximately 300' upstream of the east end of Half-Tide Island, scattered shoaling to 2.2 on the north limit of the basin; 4.1' available in remainder of the southern portion of basin.