

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-520)**

PAGE 1 OF 2 PAGES

DATE: **May 31, 2017**

TO: NAVIGATION INTEREST

FROM: 
**US Army Corps
of Engineers®**
New England District

Digitally signed by
WALKER,WILLIAM.H.1228577908
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
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Date: 2017.06.01 13:06:14 -04'00'

RIVER/HARBOR NAME AND STATE: Annisquam River, Gloucester & Annisquam, MA
Dwg. No. ANN-328, Sheets 1-23 of 23, Dated 31 May 2017

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>8-Foot Channel</u>							
From about 25' seaward of Buoy RW C-BC upstream 1,000' (about 180' upstream of Blynman Bridge)	1-3/17	60 to 35	.16	8.0	5.6	7.6	(1) 7.7
Thence upstream 1,480' to Buoy RN-50	1-3/17	35 to 60	.24	8.0	6.6	5.4	(2) 4.5
Thence upstream 640' to Buoy GC-47	1-3/17	60	.10	8.0	5.7	6.9	(3) 5.5
Thence upstream 1,315' to south face of B&M Railroad Bridge	1-3/17	60 to 35	.22	8.0	7.7	6.5	(4) 7.0
Thence upstream 2,300' to Buoy RN-40	1-3/17	35 to 100	.38	8.0	2.2	5.9	(1) 4.7
Thence upstream 1,700' to Buoy GC-33	1-3/17	100	.28	8.0	0.8	0.7	(2) 3.6
Thence upstream 1,685' to Buoy GC-31	1-3/17	100	.28	8.0	4.2	6.6	(3) 5.4
Thence upstream 1,310' to Buoy RN-28	1-3/17	100	.22	8.0	3.3	4.3	(4) 4.1

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 4.3' within 5' of limit.
- (2). Except for shoaling to 4.0' within 5' of limit.
- (3). Except for shoaling to 3.5' within 5' of limit.
- (4). Except for shoaling to 2.6' within 5' of limit.

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Date: 2017.06.01 13:06:40 -04'00'

RIVER/HARBOR NAME AND STATE: Annisquam River, Gloucester & Annisquam, MA
Dwg. No. ANN-328, Sheets 1-23 of 23, Dated 31 May 2017

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>8-Foot Channel</u>							
Thence upstream 1,325' to Buoy RN-26	1-3/17	100	.22	8.0	4.9	6.5	8.0
Thence upstream 1,677' (about 65' seaward of Buoy GC-21)	1-3/17	100 to 180 to 100	.28	8.0	+2.2	+1.7	1.0
Thence upstream 526'	1-3/17		.09		Naturally deep area and has never been dredged		
Thence upstream 1,030'	1-3/17	100	.17	8.0	7.4	7.3	6.9
Thence upstream 8,111'	1-3/17		1.34		Naturally deep area and has never been dredged		
<u>Ipswich Bay</u>							
<u>8-Foot Channel</u>							
Thence upstream 1,810' (about 320' upstream to Buoy RN-4)	1-3/17	200	.30	8.0	7.2	7.3	6.9
<u>Lobster Cove</u>							
<u>8-Foot Anchorage</u>							
Main anchorage	1-3/17		16.4 Acres	8.0		+2.1 Available (5)	
Northerly extension						6.6 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:

(5). Except for shoaling to 5.4' within 10' along east limit; Limits modified per WRDA 2014 deauthorization, the remaining authorized area has been modified to a width of 122 feet within the northern extension of the Lobster Cove Anchorage.