

**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,  
ou=USA, cn=WALKER.WILLIAM.H.1228577908  
Date: 2017.06.01 14:33:36 -04'00'

RIVER/HARBOR NAME AND STATE: Gloucester Harbor, Gloucester, Massachusetts  
Dwg. No. GLO-330, Sheets 1-4 of 4, 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)			
<b><u>CONDITION SURVEY</u></b>							
<b><u>20-Foot Entrance Channel</u></b>							
From about 1,210' seaward of Buoy FL R-10 upstream about 3,900'	1-3/17	300 to 570 to 300	.64	20.0	(1) 20.0	20.0	(2) 19.2
<b><u>20-Foot North Channel</u></b>							
From about 735' seaward of Buoy RN-2 upstream about 1,420'	1-3/17	200	.23	20.0	(3) 20.0	19.9	(4) 18.1
Thence upstream 1,005' to end of Federal Navigation Project	1-3/17	200 to 250	.17	20.0	17.6	17.2	(5) 18.1
<b><u>20-Foot South Channel</u></b>							
From about 740' seaward of Buoy GC-3 upstream about 1,900'	1-3/17	200	.31	20.0	(6) 19.1	19.4	17.9
From upstream 540' to end of Federal Navigation Project	1-3/17	200 to 320 to 220	.09	20.0	19.0	18.7	18.3

**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). Except for shoaling to 19.8' within 15' of limit.
- (2). Isolated shoaling is located about 1,075' seaward of Buoy FL R-10; 20.0' available elsewhere.
- (3). Except for shoaling to 18.3' within 40' of limit.
- (4). Except for shoaling to 16.5' within 25' of limit.
- (5). Boats in area along limit at time of survey.
- (6). Except for shoaling to 18.4' within 20' of limit.

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

PAGE 2 OF 2 PAGES

DATE: **May 31, 2017**

**T0:**  
**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, ou=USA, cn=WALKER.WILLIAM.H.1228577908  
 Date: 2017.06.01 14:35:59 -04'00'

RIVER/HARBOR NAME AND STATE: Gloucester Harbor, Gloucester, Massachusetts  
 Dwg. No. GLO-330, Sheets 1-4 of 4, Dated 31 May 2017

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)			
<b>CONDITION SURVEY</b>							
<b>18-Ft. Harbor Cove Channel</b>							
From about 1,210' seaward of Buoy FL R-10 upstream about 2,450'	1-3/17	Varies	.40	18.0	(7) 17.9	17.2	(8) 17.6
Thence upstream 250' to end of Federal Navigation Project	1-3/17	100	.04	18.0		14.8	
<b>16-Foot Smith Cove Channel</b>							
From about 35' seaward of Buoy RN-2S upstream about 870'	1-3/17	Varies	.14	16.0	(9) 15.0	15.6	11.6
<b>16-Foot Inner Harbor Anchorage</b>							
From about 690' seaward of Buoy RN-2 upstream about 575'	1-3/17		7.1 acres	16.0		(10) 16.0	
<b>16-Foot Harbor Cove Anchorage</b>							
From about 325' upstream of Buoy GC-3 upstream about 575'	1-3/17		4.9 acres	15.0		14.7	

**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:**

- (7). Except for shoaling to 16.5' within 10' of limit.
- (8). Except for shoaling to 16.8' within 10' of limit.
- (9). Except for shoaling to 14.1' within 10' of limit.
- (10). Except for shoaling to 15.8' within 20' along east limit.