

REPORT OF CHANNEL CONDITIONS  
(FOR CHANNELS 400 FEET WIDE OR  
GREATER)

Page 1 of 3

Sep-2005

TO:  
Executive Director, Port Authority  
Commonwealth of Puerto Rico, San Juan, Puerto Rico

FROM  
USACE, District Engineer  
Attn: CESAJ-CO-OM Jacksonville, Florida

RIVER/HARBOR NAME AND STATE  
San Juan Harbor, Puerto Rico

MINIMUM DEPTHS IN EACH 1/4 WIDTH OF  
CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				
Bar Channel, Cut-1: from 1,900 feet (0.3 nm) seaward to 1,000 feet (0.16 nm) seaward of red Buoy-2	Sep-2005	800	0.17	56	59.5	59.8	59.4	58.0
Bar Channel, Cut-2: from 1,000 feet (0.16nm) seaward of red Buoy-2 southerly to red Buoy-4	Sep-2005	800	0.4	53	53.1	54.5	53.6	52.6
Bar Channel, Cut-3: from red Buoy-4 to red Buoy-6	Sep-2005	800-928	0.12	51	50.5	52.8	50.3	49.3
Bar Channel, Cut-4 & 5: from red Buoy-6 to red Buoy-8	Sep-2005	928-950	0.22	46	48.9	48.2	48.4	46.7
Bar Channel, Cut-6: from red Buoy-8 to green Buoy-9	Sep-2005	950-800	0.15	40	42.6	42.6	43.1	42.6
Anegado Channel: from green Buoy-9 to 700 feet southeast of red Buoy-14	Sep-2005	800	1.4	40	41.8	42.7	42.5	36.5(1)
Anchorage Area-F: from 150 feet southeast of red Buoy-10 to red Buoy-14	Sep-2005	0-1150	0.9	30	29.7(2)	28.7(2)	26.8(2)	23.1(2)
Army Terminal Channel: from opposite red Buoy-14 to green Buoy-7	Sep-2005	350	1	40	36.7(3)	42.7	43.7	41.5
Anegado/Army Terminal Channel Widener: from opposite red Buoy-14 to 500 feet south of red Buoy-2	Sep-2005	0-360	0.3	32	*	*	*	41.8
Sabana Approach Channel: from 1,000 feet south of red Buoy-4 to 1,800 feet south of red Buoy-6	Sep-2005	400	0.47	36	32.8(4)	32.3(4)	33.0(4)	31.0(4)
Army Terminal Turning Basin: from green Buoy-7 south to terminus	Sep-2005	350-2230	0.47	40	38.3(5)	35.6(5)	37.1(5)	37.8(5)
Puerto Nuevo Channel: from approx. 950 feet west of green Buoy-1 to green Buoy-5	Sep-2005	350	1.2	39	36.6(6)	40.1	38.5(6)	35.3
Widener at Army Terminal Channel/Puerto Nuevo Channel: from green Buoy-9 to 300 feet west of green Buoy-1	Sep-2005	0-400	0.2	39	32.9(7)	*	*	*

REPORT OF CHANNEL CONDITIONS  
(FOR CHANNELS 400 FEET WIDE OR  
GREATER)

Page 2 of 3

Sep-2005

TO:  
Executive Director, Port Authority  
Commonwealth of Puerto Rico, San Juan, Puerto Rico

FROM  
USACE, District Engineer  
Attn: CESAJ-CO-OM Jacksonville, Florida

RIVER/HARBOR NAME AND STATE  
San Juan Harbor, Puerto Rico

MINIMUM DEPTHS IN EACH 1/4 WIDTH OF  
CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				
Puerto Nuevo Turning Basin: from green Bouy-5 to 800 feet north of red Buoy-4	Sep-2005	1065	0.33	39	36.5	35.7	35.2	35.1
Deep Draft Anchorage-E: from green Buoy-13 to green Buoy-1	Sep-2005	0-1525	0.6	36	26.7	28.4	28.3	32.3
Graving Dock Channel: from approx. 800 feet west of red/green Buoy-A east to red Buoy-4	Sep-2005	350-915	1.3	36	34.5(8)	39.1	38.7	34.6(8)
Graving Dock Turning Basin: from green Buoy-3 east to terminus	Sep-2005	0-1300	0.5	30	22.4(9)	25.9(9)	25.5(9)	25.3(9)
Widener at Army Terminal Channel/Graving Dock Channel: from red/green Buoy-A to 400 feet south of green Buoy-3	Sep-2005	0-640	0.2	40	42.4	*	*	*
Widener at Anegado Channel/San Antonio Approach (north side): from green Buoy-11, 1,700 feet east	Sep-2005	0-700	0.33	35	35.7	*	*	*
Widener at Anegado Channel/San Antonio Approach (south side)	Sep-2005	0-636	0.2	35	*	*	*	39.7
San Antonio Approach Channel: from north limit of Anegado Channel to south limit of San Antonio Channel	Sep-2005	600-960	0.6	35	36.1	36.4	37.6	34.1
Cruise Ship Basin West: from green Buoy-11 to 1,200 feet east of cruise ship dock	Sep-2005	0-1600	0.6	30	20.2(10)	30.5	34.0	34.1
Cruise Ship Basin East: from green Buoy-13 to north bulkhead	Sep-2005	0-1140	0.6	30	23.1(11)	23.7(11)	27.0(11)	30.9
San Antonio Channel: from approach and cruise ship basin east for 3,700 feet	Sep-2005	500-900	0.7	35	29.2(12)	32.9	36.7	32.7(12)

Remarks:

1. Spot shoals located approximately 1,000 feet northeast of red buoy-10
2. Shoaling in southern corner of Anchorage Area-F.
3. Spot shoal located in the Army terminal turning basin 380 feet north of green buoy-7.
4. Shoaling in eastern quarter of channel.
5. Shoaling located at green buoy-9 continuing north 820 feet. Shoals extend in channel 222 feet.

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)						Page 3 of 3		
						Sep-2005		
TO: Executive Director, Port Authority Commonwealth of Puerto Rico, San Juan, Puerto Rico				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE San Juan Harbor, Puerto Rico				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

6. Shoals located 630 feet south of green buoy-11 continuing east 1,320 feet. Shoals extend into channel 100 feet.
7. Shoaling throughout southeastern side of basin.
8. Shoaling located on northern edge of channel 780 feet east of green buoy-1. Shoals continue east 2,000 feet.
9. Shoaling throughout eastern portion of turning basin.
10. Shoaling in northeastern corner of basin.
11. Shoaling in northwestern corner of basin
12. Shoaling along northern edge of channel near west end.

Survey #05-119