

<b>TO:</b> Director, Port of Miami 1015 North American Way, Miami, FL	<b>FROM</b> USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida
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<b>RIVER/HARBOR NAME AND STATE</b> Miami Harbor, Dade County, FL	<b>MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD</b>
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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)				
Outer Bar, Cut-1: from 1,500 feet seaward of green lighted Buoy-1 to P.I. of Cut-1 & Cut-2	Jul-2008	500	1.9	44	38.7(1)	45.8	45.0	45.0
Widener Cut-1 & 2: from 800 feet seaward of red lighted Buoy-6 to red lighted Buoy-10	Jul-2008	0-600	0.9	44	45.2	45.3	44.4	43.1(2)
Bar Cut, Cut-2: from P.I. Of Cut-1 & Cut-2 to 700 feet west of red lighted Buoy-10, at eastern end of south jetty.	Jul-2008	500	0.9	44	43.7	43.9	41.8	37.9(3)
Government Cut: Cut-2, from 700 feet west of red lighted Buoy-10 to red lighted Buoy-12	Jul-2008	500	0.4	44	42.9(4)	46.2	45.1	45.1
Government Cut/Main Channel: Cut-3, from red lighted Buoy-12 to 150 feet east of green lighted Daybeacon-17	Jul-2008	500	0.8	42	41.8(5)	41.6(5)	42.1	18.4(5)
Main Channel: Cut-3 & Cut-4, from 150 feet east of green lighted Daybeacon-17 to Turning Basin	Jul-2008	400	2.4	36	37.0	38.2	37.2	35.8(6)
Main Channel Turning Basin	Jul-2008	400-1600	0.5	36	35.1(7)	35.1(7)	35.9(7)	34.6(7)
Fisher Island Turning Basin: from green lighted Daybeacon-15 to 700 feet east of green lighted Daybeacon-3	Jul-2008	1000-2350	0.4	42	38.3(8)	41.9(8)	43.0	45.8
Fishermans Channel: from 700 feet east of green lighted Daybeacon-3 to 250 feet east of green lighted Daybeacon-9	Jul-2008	400	1	42	41.0	43.3	43.3	43.1
Lummus Island Turning Basin: from 250 feet east of green lighted Daybeacon-9 to green lighted Daybeacon-11	Jul-2008	400-2000	0.7	42	24.7(10)	37.2 (10)	41.2(10)	41.0(10)
Dodge Island Cut	Jul-2008	400-900	0.7	35	32.1(11)	33.6(11)	33.6(11)	33.7(11)

**Remarks:**

- (1)Depths are project depth or deeper
- (2)Shoaling located along northern portion of widener
- (3)Shoaling located near north jetty. Shoals extend into channel 100 feet.
- (4)Spot shoal located near south jetty.

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 2 of 2		
						Jul-2008		
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RIVER/HARBOR NAME AND STATE Miami Harbor, Dade County, FL				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)				

- (5) Spot shoal located near intersection of Main Channel and Fisherman's Channel. Least depths occur on northern portion of channel and extend into channel approximately 50 feet.
- (6) Minor shoaling located along northern edge of channel. Least depths occur opposite of North Cruise Berth.
- (7) Sporadic spot shoals shoal located within basin.
- (8) Shoals located on southern portion of basin.
- (9) Depths are project depth or deeper.
- (10) Significant shoaling located in vicinity of Dodge Island Cut.
- (11) Significant shoaling throughout this cut.

Survey #08-150