

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

TO:  
Director, Port of Miami  
1015 North American Way, Miami, FL

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

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)				
Outer Bar, Cut-1: from 1,500 feet seaward of green lighted Buoy-1 to P.I. of Cut-1 & Cut-2	Mar-2002	500	1.9	44	38.4 (1)	44.5	43.9	44.1
Widener Cut-1 & 2: from 800 feet seaward of red lighted Buoy-6 to red lighted Buoy-10	Mar-2002	0-600	0.9	44	44.9	44.7	43.9	41.8 (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.	Mar-2002	500	0.9	44	44.1	44.0	39.3 (3)	34.9 (3)
Government Cut: Cut-2, from 700 feet west of red lighted Buoy-10 to red lighted Buoy-12	Mar-2002	500	0.4	44	42.3 (4)	44.9	44.8	44.8
Government Cut/Main Channel: Cut-3, from red lighted Buoy-12 to 150 feet east of green lighted Daybeacon-17	Mar-2002	500	0.8	42	41.4 (5)	42.1	42.0	19.1 (5)
Main Channel: Cut-3 & Cut-4, from 150 feet east of green lighted Daybeacon-17 to Turning Basin	Mar-2002	400	2.4	36	36.3	37.0	36.7	35.2 (6)
Main Channel Turning Basin	Mar-2002	400-1600	0.5	36	26.7 (7)	30.9 (7)	29.0 (7)	28.4 (7)
Fisher Island Turning Basin: from green lighted Daybeacon-15 to 700 feet east of green lighted Daybeacon-3	Mar-2002	1000-2350	0.4	42	35.2 (8)	42.0	42.7	43.8
Fishermans Channel: from 700 feet east of green lighted Daybeacon-3 to 250 feet east of green lighted Daybeacon-9	Mar-2002	400	1	36	33.1 (9)	30.3 (9)	32.4 (9)	30.8 (9)
Lummus Island Turning Basin: from 250 feet east of green lighted Daybeacon-9 to green lighted Daybeacon-11	Mar-2002	400-2000	0.7	36	8.6 (10)	13.0 (10)	11.5 (10)	29.6 (10)
Dodge Island Cut	Mar-2002	400-900	0.7	35	34.3 (11)	33.7 (11)	34.8 (11)	33.8 (11)

Remarks:

1. Shoaling along southern edge of channel beginning 600 feet east of red Buoy-4 and extending 700 feet west of green Buoy-5
2. Shoaling located along most of northern edge of widener.

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July 2002

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		Width (feet)	Length (miles)	Depth (feet)				

3. Spot shoaling located at red Buoy-10 extending approximately 225 feet into the channel.
4. Spot shoaling located near southern edge of channel, approximately 1,000 feet east of green Buoy-13.
5. Spot shoaling located at red Lighted Buoy-14 extending approximately 100 feet inside the channel. Spot shoaling also located 400 feet west of green Daybeacon-15.
6. Shoaling located along the northern edge of channel (Cut-4), from approximately 0.5 miles east of and extending to turning basin.
7. Shoaling located inside perimeter of Turning Basin along southern, western, and northern sides. Least depth located just inside southern edge of Basin.
8. Shoaling along southern edge of Turning Basin.
9. Shoaling throughout western end of channel.
10. Shoaling throughout Turning Basin with least depths located along southern and western edges of basin.
11. Spot shoaling located throughout channel from green Daybeacon-13 to red Daybeacon-16.