

TO: Manatee County Port Authority, 13231 Eastern Avenue Palmetto, FL	FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida
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RIVER/HARBOR NAME AND STATE Manatee Harbor, Manatee County, FL	MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD
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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)				
Widener: From junction of Cut-B (Tampa Bay) to 100 feet west of red Buoy-2	Jun-2007	400-2100	0.17	40	39.1(1)	39.1(1)	39.3(2)	40.2
Entrance Channel: from 100 feet west of red Buoy-2 to red Buoy-4.	Jun-2007	400	0.9	40	39.8(2)	40.2	40.2	40.2
Entrance Channel: from red Buoy-4 to red Buoy-6.	Jun-2007	400	0.8	40	39.9(3)	41.0	40.5	40.1
Entrance channel: from red Buoy-6 to 900 feet southeast of red Light-8.	Jun-2007	400-900	1	40	36.4(4)	38.3(4)	39.1(4)	37.5(4)
North Turning Basin	Jun-2007	750	0.34	40	41.1	41.2	41.0	40.9
South Berthing Area No. 11	Jun-2007	400	0.15	40	37.1(6)			37.2(6)
Port Manatee Turning Basin	Jun-2007	100-400	0.13	20	39.3			39.6

Remarks:

1. Shoals located in vicinity of green Lighted Buoy-1. Spot shoals throughout this reach.
2. Spot shoals on outer edge of channel.
3. Spot shoal on northern edge of channel.
4. Significant shoaling in this reach. Shoaling located 1,575 feet southeast of green Light-5 extending southeast 2,000 feet. Shoals extend into channel 150 feet on both sides of channel.
5. Depths are project depth or deeper.
6. Shoals throughout turning basin.
7. Depths are project depth or deeper.

Survey #07-059 dated June 2007