

TO: Chairman, Board of County Commissioners Post Office Box 398, Fort Myers, FL	FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida
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RIVER/HARBOR NAME AND STATE Fort Myers Beach Harbor, Lee 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)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			
Entrance Channel: San Carlos Bay from 1,400 feet seaward of green Light-1 to green Light-9	Aug-2003	150-325	1	12	* 1.7 (1)	* 1.8 (1)	* 1.5 (1)
Cut-3: from green Light-9 to 250 feet south of green Daybeacon-13	Aug-2003	125-325	0.4	12	9.9 (2)	10.4 (2)	10.4 (2)
Cut-4 thru Cut-6: from 250 feet south of green Daybeacon-13 to State Road 865 Bridge	Aug-2003	125-195	0.6	12	10.8 (3)	10.1 (3)	10.5 (3)
Inner Channel, Cut-6 thru Cut-8 (Matanzas Pass): from State Road 865 Bridge to red Daybeacon-24	Aug-2003	125-260	0.3	11	5.0 (4)	8.2 (4)	8.8 (4)
Cut-9 & Cut-10: from red Daybeacon-24 to 350 feet west of red Daybeacon-28	Aug-2003	125	0.3	11	10.9	9.2 (5)	8.5 (5)
Turning Basin	Aug-2003	125-275	0.1	11	8.0 (6)	6.5 (6)	5.8 (6)

Remarks:

* The USCG has marked deeper water outside the Federal Channel limits which may provide adequate navigation through the Pass.

1. Shoaling located across entire channel from 1,400 feet seaward of and extending to green Light-1, and then again encompasses entire channel from 700 feet east of green Light-1 to green Daybeacon-3. Shoaling then continues throughout remainder of Cut-1, from red Daybeacon-4 to red Daybeacon-8. Least depths located in vicinity of red Buoy-4A.
2. Spot shoaling located along the western edge of channel approximately 500 feet south of Green Light-9. Shoaling also located across entire channel, from green Daybeacon-11 and extending to 250 feet south of green Daybeacon-13.
3. Shoaling encompasses most of reach.
4. Extreme shoaling in north corner of channel opposite red Daybeacon-20 and red Daybeacon-22. Shoaling also located along south side of channel between same markers and extending to red Daybeacon-24.
5. Shoaling along south side of channel beginning 400 feet east of red Daybeacon-26 and extending to 300 feet west of red Daybeacon-28.
6. Shoaling along all sides of basin. Deeper water exists in middle of basin near red Daybeacon-28. Least depths occur at east end of basin.