

TO: Executive Director, West Coast Inland Navigation District P.O. Box 1845, Venice, FL	FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida
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RIVER/HARBOR NAME AND STATE Gulf Coast Intracoastal Waterway, 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)			
Charlotte County, Cut C-7 from green light-3 to green light-11	Sep-1999	100	2.6	9	6.8 (1)	7.1 (1)	6.7 (1)
Sarasota County, Cut S-36 from green light-67 to green light-69	Sep-1999	100	0.3	9	10.7	4.4 (2)	3.6 (2)
Cut S-37, from green light-69 to 500-feet north of green light-73	Sep-1999	100	0.6	9	8.7 (3)	2.7 (3)	1.7 (3)
Manatee County, Cut M-5 from green light-37 to 250-feet north of red light-46	Sep-1999	100	1.5	9	2.6 (4)	4.3 (4)	6.2 (4)
Cut M-6, from 400-feet south of green daybeacon-7 to 200-feet north of red light-28	Sep-1999	100	0.8	9	10.3	10.4	10.2
Cut M-7, from 200-feet north of red light-28 to green light-51	Sep-1999	100	1.7	9	7.6 (5)	3.5 (5)	3.5 (5)
Hillsborough County, Cut SC-1 from 250-feet north of red bouy-26 to 800-feet south of green light-1	Sep-1999	100	1.2	9	21.8	19.4	19.1
Cut SC-2, from 800-feet south of green light-1 to green light-9	Sep-1999	100	1.6	9	4.2 (6)	3.6 (6)	4.5 (6)
Cut SC-3, from green light-9 to 150 feet north of green daybeacon-13a	Sep-1999	100	2.8	9	6.5 (7)	5.8 (7)	5.8 (7)

Remarks:

1. Shoaling across entire channel from red daybeacon-4 to 600 feet south of green daybeacon-5. Least depths occur in this reach. Shoaling again extends across channel 300 feet north of green daybeacon-5. Shoaling continues along both edges of channel from 200 feet north of red daybeacon-8 and extends to approximately 300 feet north of green daybeacon-9a.

2. Shoaling throughout eastern half of channel extending from red daybeacon-68 to red daybeacon-70. Least depths occur 100 feet north of red daybeacon-68. Deeper water exists from center of channel to outside channel limits to the west. The USCG has marked best water in this area.

3. Extreme shoaling throughout eastern half of channel from red daybeacon-70 and extending to approximately 200 feet north of red daybeacon-72a. Deeper water exists from center of channel to outside channel limits to the west. The USCG has marked best water in this area.

4. Shoaling across entire channel from red daybeacon-38 to 600 feet north of green can bouy-39. Least depths occur in vicinity of green can bouy-39. Shoaling continues across entire channel from approximately 1,500 feet south of red daybeacon-42 extending 500 feet northerly. Shoaling then continues along both edges of channel to 100 feet north of red daybeacon-42. Shoaling is also found in the western half of channel from 350 feet south to 350 feet north of green daybeacon-43. Least depths occur south of daybeacon-43.

5. Extreme shoaling throughout channel from 1,100 feet south of and extending to red daybeacon-50. Least depths occur between 700 and 800 feet south of daybeacon-50. Deeper water exists west of the federal channel. The USCG has positioned red

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daybeacon-50 to mark best water.

6. Shoaling across entire channel from 300 feet south to 300 feet north of red daybeacon-2. Least depths occur 100 to 200 feet north of daybeacon-2. The USCG has moved markers to best water outside federal channel.

7. Shoaling across entire channel from 400 feet south of and extending to red daybeacon-14. Least depths occur 200 feet south of daybeacon-14. Shoaling also found along the eastern half of the channel from 200 feet south and extending to red light-26.