

TO: South Florida Water Management District, P.O. Box 24680 West Palm Beach, FL	FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida
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RIVER/HARBOR NAME AND STATE St. Lucie River, Martin Co., 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)			
Okeechobee Waterway Cut-1 thru Cut-3, from the intersection of the Intracoastal Waterway to red Daybeacon-10	Jul-1998	80	1	8	3.6 (1)	3.0 (1)	2.1 (2)
Cut-3 thru Cut-8, from red Daybeacon-10 to green Light-21	Jul-1998	80	3.5	8	8.0	8.6	9.0
Cut-9, from green Light-21 to red Light-22	Jul-1998	80	1.7	8	7.5 (3)	7.5 (3)	7.8 (3)
Cut-10, from red Light-22 to green Light-23	Jul-1998	80	0.9	8	8.0	7.4 (4)	7.3 (4)
Cut-11 thru Cut-16A, from green Light-23 to green Daybeacon-25A	Jul-1998	80	1.6	8	7.3 (5)	8.4	8.5
Cut-16B thru Cut-20, from green Daybeacon-25A to 900 feet easterly of red Daybeacon-34	Jul-1998	80	2	8	5.3 (6)	6.0 (6)	4.9 (6)
From the south end of Cut-20 to green Daybeacon-39A	Jul-1998	80	2.6	8	6.8 (7)	7.3 (7)	2.6 (7)
From green Daybeacon-39A to the St. Lucie Lock	Jul-1999	80	2	8	6.7 (8)	7.6 (8)	6.8 (8)

Remarks:

1. Shoaling across entire channel from 300 feet east of red buoy-2 extending 200 feet west. Shoaling continues across channel at green Buoy-3A extending approximately 200 feet westerly. Note: The USCG has marked more navigable water north of the Federal channel between buoy's 3-A and 4. Continued shoaling throughout northern half of channel from green daybeacon-5, then extending across entire channel to red daybeacon-6.
2. Shoaling continues throughout northern half of channel from red daybeacon-6 extending 200 feet south of red daybeacon-10. Note: More navigable water has been marked to the south in this area.
3. Slight shoaling throughout channel from 2,500 feet west of green light-21 extending approximately 3,000 feet westerly.
4. Shoaling throughout northern half of channel starting from 1,000 feet west of red light-22 then extending to southern side of channel at red daybeacon-22A. Shoaling then continues from red daybeacon-22A throughout channel and ends approximately 1,700 feet to the west of daybeacon-22A.
5. Spot shoal along southern edge of channel at green light-23.
6. Shoaling throughout reach from approximately 1,000 feet north of green light-27 to 300 feet north of green light-33. Least depths occur between green daybeacon-29 and the Palm City Bridge.
7. Shoaling throughout western side of channel from approximately 1,800 feet northerly of green daybeacon-35 to 400 feet northerly of daybeacon-35. Continued shoaling throughout channel from green daybeacon-37 to 300 feet southerly of green daybeacon-39. Least depths occur just north of green daybeacon-39 on west side of channel.
8. Shoaling on west side of channel from 100 feet south of red daybeacon-40A extending approximately 500 feet south. Shoaling along southern side of channel from green daybeacon-47 to green daybeacon-49.