

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

TO:  
Port Director, Canaveral Port Authority  
P.O. Box 267, Cape Canaveral, FL

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

RIVER/HARBOR NAME AND STATE  
Canaveral Harbor, Brevard 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 Reach Entrance Channel: Cuts 1A & 1B, from entrance to 500 feet landward of red lighted Buoy-6	Jan-2004	400	3.1	44	42.8 (1)	42.7 (1)	42.8 (1)	42.7 (1)
Entrance Channel: Cut-1, from 500 feet landward of red lighted Buoy-6 to red lighted Buoy-10	Jan-2004	400	2.4	44	42.6 (2)	43.0 (2)	42.5 (2)	41.9 (2)
Widener: Cuts 1 & 2	Jan-2004	400	0.9	44/41	39.6 (3)	42.6 (3)	43.5 (3)	44.1
Middle Reach Entrance Channel: Cut-2, from red lighted Buoy-10 to the west side of the Trident Entrance Channel	Jan-2004	400	1.1	44	42.7 (4)	42.9 (4)	42.5 (4)	29.9 (4)
Inner Reach Channel: Cut-2 & 3, from the west side of the Trident Entrance Channel to the east side of Middle Turning Basin	Apr-2003	400	0.8	40	37.8 (5)	42.1	41.0	37.8 (5)
Middle Turning Basin	Apr-2003	400 - 2225	0.45	39/35	38.4	38.7	38.4	15.1 (6)
Trident Naval Access Channel	Jan-2004	525 - 1340	0.45	41	40.2 (7)	41.6 (7)	40.8 (7)	35.3 (7)
Trident Naval Turning Basin	Jan-2004	1200	0.3	41	40.7 (9)	42.1	43.0	39.2 (10)
West Access Channel (East Portion)	Apr-2003	400	0.35	39	37.8 (11)	40.6	41.0	39.3
West Access Channel (West Portion)	Apr-2003	400	0.33	31	30.5 (12)	34.4	35.1	34.6
West Turning Basin	Apr-2003	956-1500	0.42	31	28.9 (13)	28.3 (13)	29.4	29.9

Remarks:

1. Shoaling 2700 feet Southeast of green Lighted Bouy 3 extending 1000 feet northwest Green Lighted Bouy 3.
2. Minor shoaling scattered throughout channel from Red Lighted Beacon-6 Red Lighted Beacon-10.
3. Spot Shoaling throughout entire widener.
4. Spot shoaling throughout most of channel from Red Lighted Beacon-10 to extending 1600 feet west of Green Lighted Bouy 13.
5. Spot shoaling along both sides of channel.
6. Extreme shoaling located along the northern edge of channel.
7. Spot shoaling along the western edge of the access channel.
8. Shoaling along northern edge of channel from Lighted Beacon-2 extending 700 feet east.
9. Spot shoaling 400 feet north of Green Daybeacon-5
10. Shoaling in the northeast corner of the trident turning basin.
11. Minor shoaling along the southern edge of channel.
12. Spot shoaling located along the southern edge of channel approximately 200 feet west of Green Bouy-15.
13. Minor spot shoaling located in northeast corner of Turning Basin.