

| REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316) | | | | | | Page 1 of 2 | |
|--|----------------------|--------------------|-------------------|-----------------|--------------------------------------|---|---------------------------------------|
| TO: Executive Director, Florida Inland Navigation District 1314 Marcinski Road, Jupiter, FL | | | | | | FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida | |
| RIVER/HARBOR NAME AND STATE Intracoastal Waterway, Volusia Co, 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) | Middle Half (feet) | Right Outside Quarter (feet) |
| | | Width (feet) | Length (miles) | Depth (feet) | | | |
| IWW, Volusia County - Vicinity of Ponce De Leon Inlet; Cut-V22: from green Light-67 to 350 feet south of green Light-1 | Sep-2005 | 125-215 | 1.3 | 12 | 4.5 (1) | 5.3 (1) | 6.7 (1) |
| Cut V-23: from 350 feet south of green Light-1 to red Light-4 | Sep-2005 | 125-270 | 0.5 | 12 | 0.8 (2) | 2.1 (2) | 1.2 (2) |
| Cut V-24: from red light-4 to 250 feet north of red Light-10 | Sep-2005 | 125-270 | 2.1 | 12 | 2.3 (3) | 4.8 (3) | 6.1 (3) |
| Cut V-25 and V-26: from 250 feet north of red Light-10 to 150 feet west of red Light-14 | Sep-2005 | 125-225 | 0.7 | 12 | 9.1 (4) | 3.5 (4) | 2.5 (4) |
| Cut V-27: from 150 feet west of red Light-14 to intersection with Cut-IS (Ponce De Leon Inlet) | Sep-2005 | 125-340 | 0.7 | 12 | 5.5 (5) | 6.2 (5) | 6.1 (5) |
| Cuts V-28 and V-29: from 500 feet east of green Light-19 to 400 feet north of red Light-26 | Sep-2005 | 125-340 | 0.8 | 12 | 6.6 (6) | 6.7 (6) | 7.5 (6) |
| Cuts V-30 and V-31: from 400 feet north of red Light-26 to 500 feet south of red Light-30 | Sep-2005 | 125-290 | 0.9 | 12 | 11.4(7) | 10.9(7) | 10.5(7) |
| Cuts V-32 and V-33: from 500 feet south of red Light-30 to 500 feet west of green Light-35 | Sep-2005 | 125-290 | 0.6 | 12 | 5.7(8) | 3.2(8) | 3.6(8) |
| Cuts V-34 thru V-36: from 500 feet west of green Light-35 to the New Smyrna Beach Bridge | Sep-2005 | 125-290 | 0.8 | 12 | 4.2 (9) | 5.2 (9) | 13.0 |
| Cuts V-36 and V-37: from the New Smyrna Beach Bridge to 100 feet north of red Daybeacon-46 | Jun-2002 | 125-220 | 0.6 | 12 | 7.7 (10) | 7.7 (10) | 8.3 (10) |
| Cut V-38: from 100 feet north of red Daybeacon-46 to 200 feet south of green Light-53 | Jun-2002 | 125-165 | 2.1 | 12 | 6.2 (11) | 6.6 (11) | 7.8 (11) |
| Cut V-39: from 200 feet south of green Light-53 to 150 feet south of red Light-60 | Jun-2002 | 125 | 2.4 | 12 | 6.6 (12) | 6.1 (12) | 8.3 (12) |
| Cut V-40: from 150 feet south of red Light-60 to green Light-63 | Jun-2002 | 125 | 0.6 | 12 | 8.8 (13) | 8.4 (13) | 7.9 (13) |

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| TO: Executive Director, Florida Inland Navigation District 1314 Marcinski Road, Jupiter, FL | | | | FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida | | | |
| RIVER/HARBOR NAME AND STATE Intracoastal Waterway, Volusia Co, 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) | Middle Half (feet) | Right Outside Quarter (feet) |
| | | Width (feet) | Length (miles) | Depth (feet) | | | |

Remarks:

1. Shoaling across entire channel from red Daybeacon-68 and extending just southward of green Daybeacon-69 as marked by USCG. Deeper water exists outside of Federal channel easterly toward green Daybeacon-69. Shoaling also located throughout entire channel in vicinity of green Light-1.
2. Extreme shoaling located across entire channel. Least depths occur between red Daybeacon-2 and red Nun Buoy-2A. US Coast Guard has marked more navigable water east of Federal Channel.
3. Shoaling located throughout entire channel. Least depths occur approximately 100 feet south of red Daybeacon-6, on west side of channel.
4. Shoaling located throughout entire channel. Least depths occur in widener of Cut V-25. Deeper water exists west of Federal channel in this area (toward red Light-10).
5. Shoaling located throughout entire widener of Cuts V-26 and V-27. Shoaling also located across entire channel from red Daybeacon-18 and extending approximately 300 feet eastward.
6. Shoaling throughout entire channel from 200 feet north of red Daybeacon-20 to green Light-21. Shoaling is also located throughout entire widener at red Daybeacon-24 to red Buoy-26.
7. Spot shoaling located throughout entire channel.
8. Shoaling throughout entire channel from just east of red Daybeacon-34 to green Light-35. From green Light-35 shoaling continues along the southern half of channel and widener.
9. Shoaling located throughout wideners and extends 100 feet inside the channel at approximately 150 feet north of red/green Daybeacon-Y.
10. Shoaling located throughout entire channel from approximately 600 feet south of New Smyrna Beach Bridge to red Light-42. From red Light-42 shoaling continues along the eastern edge of channel and widener.
11. Shoaling located throughout entire channel from red Daybeacon-46 to 1,100 feet north of green Daybeacon-47. Shoaling then continues along the eastern portion of channel for 700 feet. Spot shoaling also located approximately 1,000 feet north of and extending to red Daybeacon-50. Shoaling encompasses entire channel from 200 feet north of green Daybeacon-51 to green Light-53.
12. Shoaling located throughout entire channel.
13. Shoaling located throughout entire channel.