

REPORT OF CHANNEL CONDITIONS
FOR CHANNELS 400 FEET WIDE OR GREATER
(ER 1130-2-316)

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DATE: July 11, 2014

TO: Chairman, Ocean, Highway & Port Authority
P.O. Box 1543 Fernandina Beach, Florida

FROM: USACE, District Engineer
Attn.: CESAJ-ODH Jacksonville, Florida

| RIVER/HARBOR NAME AND STATE Fernandina Harbor, Nassau County, Florida | | | | | 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) | | | | |
| Cut-1 Sta. 0+00 - Sta. 39+10.66 Widener | Jun-14 | 400 | 0.74 | 36 | 41.0 | 38.9 | 38.8 | 36.6 |
| | Jun-14 | Varies | Varies | 36 | 41.4 | 44.6 | 46.1 | 45.9 |
| Cut-2 Sta. 0+00 - Sta. 27+87.55 | Jun-14 | 400 | 0.53 | 36 | 36.0 | 36.9 | 36.8 | 35.3 |
| Cut-3 Sta. 0+00 - Sta. 35+47.30 | Jun-14 | 400 | 0.67 | 36 | 35.3 | 36.6 | 36.8 | 35.5 |
| Cut-4 Sta. 0+00 - Sta. 13+07.28 Widener | Jun-14 | 400 | 0.25 | 36 | 39.3 | 40.5 | 38.9 | 31.6 |
| | Jun-14 | Varies | Varies | 36 | 28.4 | | | |
| Cut-5 Sta. 0+00 - Sta. 30+80.36 Widener | Jul-14 | 400 | 0.58 | 36 | 31.9 | 32.2 | 33.3 | 30.6 |
| | Jul-14 | Varies | Varies | 35 | 33.8 | 30.7 | 22.7 | 13.5 |
| | Jul-14 | Varies | Varies | 36 | 40.3 | | | |
| Pier | Jul-14 | 100 | 0.23 | 36 | 26.6 | 35.5 | 39.8 | 40.8 |
| Cut-6 Sta. 0+00 - Sta. 9+00 Widener | Jul-14 | 400 | 0.17 | 36 | 43.1 | 42.9 | 40.0 | 35.8 |
| | Jul-14 | Varies | Varies | 35 | 33.6 | 30.7 | 23.4 | 14.5 |
| Cut-6 Sta. 9+00 - Sta. 23+51.94 | Jul-14 | 300 | 0.28 | 12 | 25.4 | 24.4 | 22.3 | 20.9 |
| Cut-6A Sta. 0+00 - Sta. 6+78.85 | Jul-14 | 300 | 0.13 | 12 | 26.15 | 23.9 | 21.9 | 19.7 |
| Cut-7 Sta. 0+00 - Sta. 20+72.17 | Jul-14 | 300 | 0.39 | 12 | 26.7 | 25.1 | 19.4 | 9.5 |
| Cut-8 Sta. 0+00 - Sta. 10+19.16 | Jul-14 | 300 | 0.19 | 12 | 19.7 | 16.0 | 12.2 | 10.2 |
| Cut-9 Sta. 0+00 - Sta. 5+23.38 Widener | Jul-14 | 300 | 0.1 | 12 | 13.7 | 13.9 | 12.0 | 10.3 |
| | Jul-14 | Varies | Varies | 12 | 8.9 | 7.5 | 5.5 | 5.4 |
| Cut-10 Sta. 0+00 - Sta. 24+00.04 | Jul-14 | 300 | 0.45 | 12 | 4.3 | 3.0 | 3.9 | 6.4 |

REMARKS(Continue on reverse)
Survey #14-118