

REPORT OF CHANNEL CONDITIONS  
FOR CHANNELS 200 FEET WIDE OR GREATER  
(ER 1130-2-316)

PAGE: 1 of 2

DATE: 10/26/2016

TO:  
Director, Volusia County Port Authority  
Daytona Beach, Florida

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

RIVER/HARBOR NAME AND STATE  
Ponce De Leon Inlet, Volusia County, Florida

MINIMUM DEPTHS IN EACH 1/4  
WIDTH OF CHANNEL  
ENTERING FROM SEAWARD

| NAME OF CHANNEL                    | DATE OF SURVEY | AUTHORIZED PROJECT |                   |                 | LEFT OUTSIDE<br>(feet) | MIDDLE INSIDE<br>(feet) | RIGHT OUTSIDE<br>(feet) |
|------------------------------------|----------------|--------------------|-------------------|-----------------|------------------------|-------------------------|-------------------------|
|                                    |                | WIDTH<br>(feet)    | LENGTH<br>(miles) | DEPTH<br>(feet) |                        |                         |                         |
| Cut-1A<br>Sta. 0+00.00 - 20+00.00  | Oct-16         | 200                | 0.38              | 15              | 19                     | 19.7                    | 20.5                    |
| Cut-1A<br>Sta. 20+00.00 - 65+53.23 | Oct-16         | 200                | 0.86              | 12              | 14.4                   | 14.5                    | 16.4                    |
| Cut-2A<br>Sta. 0+00 - 9+36.18      | Oct-16         | 200                | 0.18              | 12              | 11.9                   | 12.3                    | 14.3                    |
| Cut-3A<br>Sta. 0+00 - 3+96.19      | Oct-16         | 200                | 0.08              | 12              | 5.5                    | 6.8                     | 10.1                    |
| Cut-2A-1S<br>Widener               | Oct-16         | Varies             | Varies            | 12              | 7.8                    | 6.5                     | 5.3                     |
| Cut-3N<br>Sta. 0+00 - 7+29.69      | Oct-16         | 200                | 0.14              | 12              | 3.5                    | 4.6                     | 5.3                     |
| Cut-1S<br>Sta. 1+02.48 - 17+47.76  | Oct-16         | 100                | 0.31              | 12              | 5.0                    | 4.4                     | 3.4                     |
| Cut-2S<br>Sta. 0+00 - 21+65.97     | Oct-16         | 100                | 0.41              | 12              | 16.2                   | 14.4                    | 10.5                    |
| Cut-3S<br>Sta. 0+00 - 33+90.00     | Oct-16         | 100                | 0.64              | 12              | 14.0                   | 14.3                    | 10.4                    |
| Cut-3N-1S<br>Widener               | Oct-16         | Varies             | Varies            | 12              | 2.7                    | 3.5                     | 3.2                     |
| Cut-4N<br>Sta. 0+00 - 6+57.38      | Oct-16         | 200                | 0.12              | 12              |                        | 1.3                     | 1.1                     |
| Cut-5N<br>Sta. 0+00 - 9+28.21      | Oct-16         | 200                | 0.18              | 12              |                        | 0.4                     | 0.5                     |

REMARKS (Continue on reverse)  
Survey 17-005

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MINIMUM DEPTHS IN EACH 1/4  
WIDTH OF CHANNEL  
ENTERING FROM SEAWARD

| NAME OF CHANNEL                 | DATE OF SURVEY | AUTHORIZED PROJECT |                   |                 | LEFT OUTSIDE<br>(feet) | MIDDLE INSIDE<br>(feet) | RIGHT OUTSIDE<br>(feet) |
|---------------------------------|----------------|--------------------|-------------------|-----------------|------------------------|-------------------------|-------------------------|
|                                 |                | WIDTH<br>(feet)    | LENGTH<br>(miles) | DEPTH<br>(feet) |                        |                         |                         |
| Cut-6N<br>Sta. 0+00 - 10+41.64  | Oct-16         | 100                | 0.20              | 7               | 2.9                    | 2.8                     |                         |
| Cut-7N<br>Sta. 0+00 - 20+35.54  | Oct-16         | 100                | 0.39              | 7               | 3.0                    | 2.3                     | 2.2                     |
| Cut-8N<br>Sta. 0+00 - 17+55.11  | Oct-16         | 100                | 0.33              | 7               | 10.9                   | 12.3                    | 14.8                    |
| Cut-9N<br>Sta. 0+00 - 5+50.10   | Oct-16         | 100                | 0.10              | 7               | 16.5                   | 16.5                    | 16.1                    |
| Cut-10N<br>Sta. 0+00 - 5+50.10  | Oct-16         | 100                | 0.10              | 7               | 18.5                   | 17.6                    | 16.8                    |
| Cut-11N<br>Sta. 0+00 - 15+74.66 | Oct-16         | 100                | 0.30              | 7               | 15.2                   | 15.8                    | 14.8                    |
| Cut-12N<br>Sta. 0+00 - 10+70.11 | Oct-16         | 100                | 0.20              | 7               | 13.4                   | 12.0                    | 11.3                    |
| Cut-13N<br>Sta. 0+00 - 17+95.00 | Oct-16         | 100                | 0.34              | 7               | 5.0                    | 5.2                     | 5.7                     |

REMARKS (Continue on reverse)  
Survey 17-005