

**REPORT OF CHANNEL CONDITIONS
FOR CHANNELS 400 FEET WIDE OR GREATER**

(ER 1130-2-316)

PAGE: 1 of 2

DATE: Jan-13

TO: CESAJ-OD Brian Brodehl

FROM: CESAJ-OD Deb Williams
Lisa Holland

THRU: CESAJ-OD Dale Traylor

RIVER/HARBOR NAME AND STATE

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

Jacksonville Harbor, FL

| 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) | | | | |
| White Shells Cut: Cut-39 and 40 from green Buoy-25 to green Buoy-27 | Dec-12 | 575-900 | 0.8 | 40 | 37.0 | 40.4 | 41.9 | 42.1 |
| St. Johns Bluff Reach: Cut-40 and 41 from red Buoy-34 to green Buoy-35 and East Blount Island Channel Widener | Dec-12 | 600-750 | 0.9 | 40 | 37.7 | 40.9 | 38.7 | 37.6 |
| Dames Pt - Fulton Cutoff: Cut-42 from 500 feet east of red Buoy-36 to Junction with Dames Point Bridge | Jan-13 | 475-837 | 2.9 | 40 | 34.6 | 39.6 | 39.6 | 38.8 |
| Dames Pt Turn thru Quarantine Isl Upper Range: Cut-43 and 44 from Dames Point Bridge to 150 feet north of green Buoy-51 | Dec-12 | 525-1175 | 1.3 | 40 | 38.1 | 41.1 | 37.6 | 39.8 |
| Brills Cut: Cut-45 and 46 from 150 feet north of green Buoy-51 to green Buoy-55 | Jan-13 | 425-600 | 1.2 | 40 | 34.3 | 40.7 | 40.7 | 36.1 |
| Broward Pt Turn: Cut-47 thru 49 from green Buoy-55 to 400 feet east of green Buoy-59 | Jan-13 | 490-830 | 0.9 | 40 | 17.2 | 37.9 | 41.8 | 42.1 |
| Drummond Creek Range: Cut-50 from green Buoy-55 to 400 feet east of green Buoy-63 | Dec-12 | 375-865 | 1.5 | 40 | 37.8 | 41.3 | 41.1 | 37.8 |
| Trout River Cut: Cut-51 from 1,200 feet north of green Buoy-63 to 200 feet south of red Buoy-68 | Dec-12 | 400-860 | 1.1 | 40 | 36.8 | 41.0 | 39.7 | 39.1 |

REMARKS(Continue on reverse)

Survey #13-019, Dated December 2012-January 2013

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| 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) | | | | |
| Chaseville Turn: Cut-52 thru 54 from 200 feet south of red Buoy-68 to approximately 700 feet south of green Buoy-71 | Dec-12 | 450-800 | 0.7 | 40 | 40.1 | 42.4 | 42.3 | 39.4 |
| Long Branch Range: Cut-55 from 700 feet south of green Buoy-71 to Terminal Channel | Dec-12 | 650-1340 | 0.8 | 40 | 34.4 | 39.5 | 40.5 | 34.8 |
| Terminal Channel: from beginning of Terminal Channel to 600 feet south of green light Buoy-75 | Dec-12 | 575-1340 | 1.2 | 40 | 33.8 | 36.9 | 38.6 | 36.9 |
| Terminal Channel: from 600 feet south of green light Buoy-75 to red light Buoy-78 | Dec-12 | 575 | 0.6 | 34 | 22.3 | 28.3 | 30.2 | 30.5 |
| Terminal Channel: from red Buoy-78 to the Hart Bridge at Commodore Point | Dec-12 | 575-1100 | 1.7 | 34 | 21.8 | 28.3 | 30.2 | 30.6 |
| Terminal Channel: from the Hart Bridge at Commodore Point northerly to end of project | Dec-12 | 559-1184 | 0.3 | 30 | 30.0 | 27.3 | 19.6 | 18.4 |
| Blount Island East Channel: Cut-A | Jan-13 | 300 | 1 | 30 | 15.3 | 19.4 | 20.6 | 19.6 |
| Widener: Dames Pt - Fulton Cutoff Range (Cut-42) and Blount Island Channel (Cut-G) | Jan-13 | 0-1060 | 0.3 | 38 | 40.9 | 40.9 | 34.0 | 39.5 |
| Blount Island Channel: Cut-F and G from 100 feet south of Blount Island bridge to the junction of Cut-42 (Dames Pt - Fulton Cutoff Range) | Jan-13 | 300-1000 | 2 | 28 | 28.5 | 33.1 | 33.4 | 26.3 |

REMARKS(Continue on reverse)

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