

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

TO: Director, Marine Division Jacksonville Port Authority, Jacksonville, FL	FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida
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RIVER/HARBOR NAME AND STATE Jacksonville Harbor, Duval County, FL	MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD
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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)				

St. Johns Bar Cut (East Section): Cut-3, from 2.1 miles seaward of red Buoy-4 landward to red Buoy-8	Feb-2007	800	3.5	42	35.5	42.6	41.5	35.5
From red Buoy-8 to extended centerline of Mayport Navy Entrance Channel	Oct-2006	800	0.2	42	35.2	35.8	41.6	47.2
(West Section), from extended centerline of Mayport Navy Entrance Channel to Pilot Town Cut @ green Buoy-11	Oct-2006	760	1.9	40	36.2	42.4	39.5	34.1
Pilot Town Cut: Cut-4 thru 6, from green Buoy-11 to Mayport South Ferry Slip & Anchorage	Nov-2007	860-910	1	40	41.5	41.3	42.8	42.5
Mayport Cut: Cut-7 & 8, from Mayport South Ferry Slip to red Buoy-18	Oct-2007	625-1030	0.7	40	43.1	43.0	42.7	43.0
Sherman Cut: Cut-8, from red Buoy-18 to red Buoy-20	Oct-2007	625	0.3	40	43.2	42.9	42.7	37.5
Mile Point Lower Range and Turn: Cut-9 thru 13, from red Buoy-20 to red Buoy-24	Mar-2008	625	0.9	40	41.2	42.6	42.0	40.5
Training Wall Reach: Cut-13 thru 16, from red Buoy-24 to green Buoy-25	Mar-2008	475-625	1.4	40	41.4	41.2	41.6	41.0
Short Cut Turn: Cut-17 thru 19, from green Buoy-25 to green Buoy-27	Jan-2008	575	0.6	40	41.9	41.8	41.8	41.4
White Shells Cut: Cut-39 & 40, from green Buoy-27 to red Buoy-34	Mar-2008	575-900	0.8	40	41.0	41.9	41.9	42.1
St. Johns Bluff Reach: Cut-40 & 41, from red Buoy-34 to green Buoy-35 and East Blount Island Channel Widener	Mar-2008	600-750	0.9	40	41.6	41.3	40.3	40.3
Dames Pt-Fulton Cutoff: Cut-42, from 500 feet east of red Buoy-36 to Junction with Dames Point Bridge	Mar-2008	475-837	2.9	40	40.3	41.8	41.9	41.7
Dames Pt Turn thru Quarantine Isl Upper Range: Cut-43 & 44, from Dames Point Bridge to 150 feet north of green Buoy-51	Mar-2008	525-1175	1.3	40	40.7	43.0	43.0	40.8

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Brills Cut: Cut-45 & 46, from 150 feet north of green Buoy-51 to green Buoy-55	Feb-2007	425-600	1.2	40	39.6	42.6	42.4	40.5
Broward Pt Turn: Cut-47 thru 49, from green Buoy-55 to 400 feet east of green Buoy-59	Feb-2007	490-830	0.9	40	20.6	41.0	42.8	41.7
Drummond Creek Range: Cut-50, from 400 feet east of green Buoy-59 to opposite green Buoy-59	Jan-2008	375-490	0.1	40	42.6	42.8	44.2	39.6
Drummond Creek Range: Cut-50, from opposite green Buoy-59 to 1,200 feet north of green Buoy-63	Dec-2007	400-865	1.4	38	36.4(17)	40.4	41.3	38.6
Trout River Cut: Cut-51, from 1,200 feet north of green Buoy-63 to 200 feet south of red Buoy-68	Jan-2008	400-860	1.1	38	33.2	40.0	36.8	36.8
Chaseville Turn: Cut-52 thru 54, from 200 feet south of Red Buoy-68 to approximately 700 feet south of Green Buoy-71	Jan-2008	450-800	0.7	38	32.0	38.1	36.8	37.4
Long Branch Range: Cut-55, from 700 feet south of Green Buoy-71 to Terminal Channel	Jan-2008	650-1340	0.8	38	37.7	38.4	40.5	38.4
Terminal Channel: from beginning of Terminal Channel to 600 feet south of green lighted Buoy-75	Jan-2008	575-1340	1.2	38	35.1	38.3	41.1	37.0
Terminal Channel, from 600 feet south of green lighted Buoy-75 to red lighted Buoy-78	Jan-2008	575	0.6	34	27.3	33.1	33.0	31.4
Terminal Channel: from red Buoy-78 to the Hart Bridge at Commodore Point	Nov-2006	575-1100	1.7	34	26.0	31.5	32.1	31.7
Terminal Channel: from the Hart Bridge at Commodore Point northerly to end of project	Nov-2006	559-1184	0.3	30	27.4(24)	31.7	31.2	27.4
Blount Island Channel: Cut-F & G, from 200 feet south of Blount Island bridge to the junction of Cut-42 (Dames Pt-Fulton Cutoff Range)	Apr-2008	300-1000	2	38	38.4	39.4	33.3	40.4

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April-2008

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Widener: Dames Pt-Fulton Cutoff Range (Cut-42) & Blount Island Channel (Cut-G)	Apr-2008	0-1060	0.3	38	41.5	41.6	38.7	40.4
Blount Island East Channel; Cut-A	Feb-2007	300	1	30	15.9	21.6	27.1	34.6

Remarks:
 Survey #08-067

Depths obtained from a compilation of several surveys conducted in the area between 2005 and 2008.