

**REPORT OF CHANNEL CONDITIONS
FOR CHANNELS 300 FEET WIDE OR GREATER**
(ER 1130-2-316)

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DATE: November 1, 2016

TO:
Chairman, Board of County Commissioners
Stuart, Martin County, Florida

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

RIVER/HARBOR NAME AND STATE
St. Lucie Inlet, Martin County, Florida

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

CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT	LEFT	RIGHT	RIGHT
		WIDTH <i>(feet)</i>	LENGTH <i>(miles)</i>	DEPTH <i>(feet)</i>	OUTSIDE QUARTER <i>(feet)</i>	INSIDE QUARTER <i>(feet)</i>	INSIDE QUARTER <i>(feet)</i>	OUTSIDE QUARTER <i>(feet)</i>
Cut-1 Sta. 0+00.00 -30+00.00	N/A	300	0.57	16	N/A	N/A	N/A	N/A
Cut-1 Sta. 30+00.00 -34+00.00	Oct-16	Varies	0.08	16-10	9.0	7.1	7.2	7.3
Cut-1 Sta. 34+00.00 -61+00.00	Oct-16	150	0.51	10	11.2	10.9	10.3	9.5
Cut-2 Sta. 0+00.00 - 11+37.19	Oct-16	75	0.22	7	13.4	14.6	14.8	14.8
Cut-3 Sta. 0+00.00 - 16+73.92	Oct-16	75	0.32	7	13.3	13.3	13.6	12.4
Cut-4 Sta. 0+00.00 - 15+70.07	Oct-16	75	0.30	7	12.8	10.8	9.1	8.5
Cut-5 Sta. 0+00.00 - 21+38.41	Oct-16	75	0.41	7	11.2	12.0	12.1	12.9
Impoundment Basin Sta. 30+00.00 - 47+50.00	N/A	450	0.33	16	N/A	N/A	N/A	N/A

REMARKS(Continue on reverse)

Survey 17-012