

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

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DATE: October 9, 2014

To:  
Director, Port of Palm Harbor  
P.O. Box 9935, West Palm Beach, Fl.

From:  
USACE, District Engineer  
Attn: CESAJ-OD-H Jacksonville, Florida

RIVER/HARBOR NAME AND STATE  
Palm Beach Harbor, Palm Beach 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)				
Entrance Channel 0+00 to 30+00	Sep-14	400	0.57	35	36.5	37.4	37.6	38.1
Entrance Channel 30+00 to 47+00	Sep-14	400	0.32	39	25.7	25.3	27.7	31.5
Entrance Channel 47+00 to 56+00	Sep-14	400	0.17	37	31.0	30.5	30.7	32.1
Entrance Channel 56+00 to 61+01.45 Widener	Sep-14	400	0.09	33	37.8 35.6	38.1	36.1	32.9
Cut-1 61+01.45 to 76+93.27	Sep-14	300	0.30	33	32.8	35.1	34.6	35.6
Cut-2 76+93.27 to 87+92.96	Sep-14	Varies	0.21	33	34.4	36.6	35.5	32.8
Turning Basin	Sep-14	Varies	Varies	33	27.3	30.8	32.0	31.9
North Turning Basin	Sep-14	Varies	Varies	25	23.0	22.5	22.5	19.2
Settling Basin 32+00 to 40+50	Sep-14	100	0.16	35	22.9			
Extended Settling Basin 32+00 to 37+00	Sep-14	200	0.09	35	17.5			
Expanded Settling Basin 32+00 to 37+50	Sep-14	500	0.10	35	12.3			

REMARKS(Continue on reverse)

Survey #14-158