

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

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DATE: August 8, 2016

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	Jul-16	400	0.57	35	36.4	37.4	37.8	38.0
Entrance Channel 30+00 to 47+00	Jul-16	400	0.32	39	37.1	37.3	38.4	38.2
Entrance Channel 47+00 to 61+01.45 Widener	Jul-16	400	0.27	37	35.0	34.9	35.2	36.1
Cut-1 61+01.45 to 76+93.27 Widener	Jul-16	300	0.30	33	37.8	33.2	34.2	35.4
Cut-2 76+93.27 to 87+92.96	Jul-16	Varies	0.21	33	35.4	35.0	36.0	36.0
Southern Turning Basin	Jul-16	Varies	Varies	33	35.0	31.9	32.6	32.7
Northern Turning Basin	Jul-16	Varies	Varies	25	35.0	22.5	22.1	22.3
Settling Basin 32+00 to 40+50	Jul-16	100	0.16	35	30.9	30.9		
Extended Settling Basin 32+00 to 37+00	Jul-16	200	0.09	35	30.4	30.4		
Expanded Settling Basin 32+00 to 37+50	Jul-16	500	0.10	33	7.9	7.9		

REMARKS(Continue on reverse)
Survey #16-166