

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

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DATE: October 14, 2014

TO:
Manatee County Port Authority
13231 Eastern Avenue, Palmetto, Florida

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

RIVER/HARBOR NAME AND STATE
Manatee Harbor, Manatee 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	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)	(feet)	(feet)	(feet)	(feet)
Entrance Channel Sta. 171+29.18 to 149+15.99	Oct-14	1056-600	0.42	40	39.5	40.4	40.7	39.9
North Widener		Varies	Varies	40	39.7			
South Widener		Varies	Varies	40	40.1	40.3	40.6	41.2
Entrance Channel Sta. 149+15.99 to 127+42.00	Oct-14	600	0.41	40	40.1	40.4	40.2	40.2
Entrance Channel Sta. 127+42.00 to 93+28.11	Oct-14	600-400	0.65	40	40.6	40.9	40.5	40.6
Entrance Channel Sta. 93+28.11 to 21+38.32	Oct-14	400	1.36	40	34.6	38.1	38.8	35.9
Entrance Channel Sta. 21+38.32 to 16+13.22	Oct-14	400-426	0.10	40	40.2	42.8	41.8	39.7
North Widener		Varies	Varies	40	38.8			
South Widener		Varies	Varies	40	38.0			
Port Manatee Turning Basin Sta. 16+13.22 to 0+00	Oct-14	756.69	0.31	40	35.7	36.8	37.1	37.0
Federal Turning Basin Sta. 32+81.08 to 19+56.38	Oct-14	Varies	0.25	40	34.7	35.4	35.7	35.4
Proposed Basin	Oct-14	411	0.13	40	38.3	38.9	40.6	36.5

REMARKS(Continue on reverse)

Survey #14-171