

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

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DATE: October 7, 2015

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-15 | 400 | 0.57 | 35 | 36.5 | 37.4 | 37.5 | 38.0 |
| Entrance Channel 30+00 to 47+00 | Sep-15 | 400 | 0.32 | 39 | 35.2 | 35.2 | 36.3 | 38.2 |
| Entrance Channel 47+00 to 61+01.45 Widener | Sep-15 | 400 | 0.27 | 37 | 35.0 | 35.0 | 35.5 | 33.7 |
| Cut-1 61+01.45 to 76+93.27 Widener | Sep-15 | 300 | 0.30 | 33 | 32.3 | 34.6 | 35.0 | 35.5 |
| Cut-2 76+93.27 to 87+92.96 | Sep-15 | Varies | 0.21 | 33 | 34.5 | 36.5 | 35.8 | 32.7 |
| Southern Turning Basin | Sep-15 | Varies | Varies | 33 | 26.9 | 30.7 | 31.6 | 31.6 |
| Northern Turning Basin | Sep-15 | Varies | Varies | 25 | 23.0 | 22.1 | 21.7 | 19.0 |
| Settling Basin 32+00 to 40+50 | Sep-15 | 100 | 0.16 | 35 | 28.3 | | | |
| Extended Settling Basin 32+00 to 37+00 | Sep-15 | 200 | 0.09 | 35 | 13.7 | | | |
| Expanded Settling Basin 32+00 to 37+50 | Sep-15 | 500 | 0.10 | 33 | 10.0 | | | |

REMARKS(Continue on reverse)
Survey #15-185