

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

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Jun-2007

TO:
Director, Port of Palm Harbor
P.O. Box 9935, West Palm Beach, FL

FROM
USACE, District Engineer
Attn: CESAJ-CO-OM Jacksonville, Florida

RIVER/HARBOR NAME AND STATE
Palm Beach Harbor, Palm Beach County, FL

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: from 1,600 feet seaward of red Buoy-2 to 400 feet seaward of green Buoy-3	Apr-2007	400	0.4	35	35.2(1)	38.0	37.5	38.5
Entrance Channel: from 400 feet seaward of green Buoy-3 to 350 feet landward of red Buoy-6 at intersection of Entrance Channel & Cut-1	Jun-2007	400	0.7	35	34.5(2)	35.5	36.7	34.7
Cut-1: from 350 feet landward of red Buoy-6 to green Light-9 at intersection of Cuts-1 & 2	Apr-2007	300	0.1	33	34.5(3)	36.4	36.1	35.2
Cut-2: from green Light-9 to green Light-11 at intersection of Cut-2 & Turning Basin	Apr-2007	300/480	0.2	33	34.6(4)	37.3	35.2	35.2
Turning Basin	Apr-2007	1400x1200	0.3	33	32.4(5)	33.0	35.4	33.8
North Turning Basin Extension	Apr-2007	950x650	0.1	24	22.9(6)	23.2	23.9	23.6

Remarks:

Survey #07-064

1. Depths are to project depth or deeper.
2. Spot shoals in vicinity of Red Lighted Buoy-4.
3. Depths are to project depth or deeper.
4. Depths are to project depth or deeper.
5. Spot shoals on southeastern portion of turning basin.
6. Spot shoals on northeastern portion of turning basin.

Survey #06-187