

REPORT OF CHANNEL CONDITIONS  
(FOR CHANNELS 400 FEET WIDE OR  
GREATER)

TO:  
Port Director, Tampa Port Authority  
P.O. Box 2192, Tampa, FL

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

RIVER/HARBOR NAME AND STATE  
Tampa Harbor, Upper Hillsborough Bay, Hillsborough Co., 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)				
Gadsden Point Cut: from red/green Buoy-G to red Buoy-6	Feb-2004	500	2.4	43	41.9 (1)	43.1 (1)	43.5 (1)	42.4 (3)
Widener of Cut-F and Gadsden Point Cut	Feb-2004	1000 x 2800	0.5	43	45.3	48.9	41.5 (2)	41.6 (2)
From red Buoy-6 to red Buoy-8 (Junction with Hillsborough Cut-A)	Feb-2004	500	1.4	43	42.6 (3)	44.8	44.8	42.4 (3)
Cut-A and Widener: from red Buoy-8 to 200 feet north of red Nun Buoy-12 (Junction with Hillsborough Cut-C)	Feb-2004	500-1575	1.1	43	38.9 (4)	44.1	43.4	41.6 (4)
Hillsborough Cut-C and Widener: from 200 feet south of red Buoy-12 (Jct with Hillsborough Cut-A) to red Buoy-16	Feb-2004	500-1575	0.6	43	35.5 (5)	43.3	41.1 (5)	40.0 (5)
Hillsborough Cut-C: from red Bouy-16 to red Buoy-24	Feb-2004	500	3	43	40.1 (6)	43.4	43.7	40.7 (6)
Hillsborough Cut-C: from red Buoy-24 to 400 feet north of red Buoy-32 (Junction with Hillsborough Cut-D)	Feb-2004	400-590	2.9	43	40.5 (7)	42.8 (7)	42.6 (7)	39.9 (7)
Hillsborough Cut-D: from 400 feet north of red Buoy-32 (Junction Hillsborough Cut-C) to 1,200 feet south of Sparkman Channel	Feb-2004	400-600	1.1	41	33.9 (8)	41.2	40.8 (8)	34.6 (8)
Hillsborough Cut-D: from 1,200 feet south, north to Sparkman Channel	Feb-2004	400-600	0.2	34	29.1 (9)	37.4	36.9	31.4 (9)
Lower Sparkman Channel: from Junction of Hillsborough Cut-D to green Daybeacon-3	Feb-2004	400	0.7	34	29.4(10)	36.4	36.2	29.6(10)
Upper Sparkman Channel: from green Daybeacon-3 to Junction with Ybor Channel	Feb-2004	400	0.7	34	35.1	36.0	35.1	30.7(11)
Ybor Channel	Feb-2004	400	0.8	34	25.7(12)	27.2(12)	29.2(12)	23.1(12)
Garrison Channel	Feb-2004	275-1945	0.4	34	24.8(13)	26.7(13)	27.6(13)	27.8(13)
Seddon Channel: from Jct with Hillsborough Cut-D north to the mouth of the Hillsborough River	Feb-2004	200	1.4	12	5.0(14)	16.7	17.5	19.6

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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)				
Port Sutton: Cut-1, from red Buoy-28 (Junction with Hillsborough Cut-C) to 300 feet south of green Light-3	Feb-2004	400-2500	0.3	43	39.1(15)	41.7(15)	37.3(15)	34.3(15)
Port Sutton Turning Basin	Feb-2004	400-1930	0.4	43	36.4(16)	41.4(16)	39.2(16)	40.2(16)
Port Sutton Terminal Channel	Feb-2004	200	1.1	34	7.5 (17)	10.6(17)	14.9(17)	18.4(17)
East Bay: Channel from Port Sutton Basin to East Bay Basin	Feb-2004	600	0.3	43	39.2(18)	41.7(18)	43.6	41.4(18)
East Bay Turning Basin	Feb-2004	300-1400	0.4	43	42.9(19)	45.0	39.8(19)	40.4(19)
Channel from East Bay Basin, extending northeast	Feb-2004	300	0.4	43	40.3(20)	40.7(20)	41.1(20)	40.9(20)
Upper East Bay: Channel from East Bay Basin to Upper Basin (Extension 1)	Feb-2004	300	0.7	34	32.6(21)	34.8	34.7	34.9
Turning Basin (Extension 2)	Feb-2004	300-789	0.5	34	34.0	36.5	33.1(22)	31.0(22)

Remarks:

- 1.Spot shoal in northern half of channel extending 400 feet east of red/green Buoy-G.
- 2.Shoaling along southern edge of channel from 950 southwest of red Buoy-10F to 480 feet south of red Buoy-2.
- 3.Shoaling located along the southern edge of channel from approximately 130 feet west of red Buoy-6 to approximately 40 feet west of red Buoy-8. Spot shoal also located along the northern edge of channel approximately 620 feet north of red-lighted Buoy-8.
4. Shoaling located near red-lighted Buoy 8 extending eastward 1,200 feet along southern edge of channel. Shoaling also along the western edge of widener, and along the eastern edge of channel from DB-12 extending south 1,175 feet.
- 5.Shoaling along the eastern portion of channel and western portion of widener, from 280 feet south of red Nun Buoy-12 to red Buoy 16.
- 6.Shoaling along eastern and western edges of channel from 1,050 feet south of green Buoy-21 to end of Cut-C at 400 feet north of green Buoy-31.
- 7.Shoaling along the eastern and western portions of channel.
- 8.Shoaling along the eastern and western edge of channel from 1,200 feet south of Seddon Channel extending to end of Cut-D
- 9.Shoaling along western edge of channel from 860 feet south of green Buoy-1 to 620 feet south of green Daybeacon-3. Shoaling also exists along eastern edge of channel across from green Buoy-1 extending 300 feet north and 600 feet south.
- 10.Shoaling along eastern edge of channel from 400 feet northeast of green Day Beacon-5 extending north 840 feet.
- 11.Shoaling along eastern and western edges of channel.
- 12.Shoaling throughout western portion of Garrison Channel. Garrison Channel has been deauthorized as a federally maintained navigation project.
- 13.Shoaling along western edge of basin.
- 14.Shoaling along eastern side of channel from red Buoy-28 to 400 feet north of red Buoy-2. Shoaling also located along the western side of channel, opposite green Light-1.
- 15.Shoaling along the western edge and eastern portion of turning basin.
16. Shoaling along southern half of channel from approximately 1,370 feet west of entrance and extending to end of channel.

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						May-2004		
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- Shoaling encompasses entire channel at eastern end of channel.
- 17. Shoaling located 900 feet east of Port Sutton Terminal extending east 1,400 feet.
  - 18. Shoaling 900 feet north of green lighted buoy 5 extending into channel 120 feet.
  - 19. Spot shoal along eastern edge of channel.
  - 20. Shoaling along northern edge of channel.
  - 21. Spot shoal on eastern edge of channel.
  - 22. Shoaling along eastern edge of channel extending into channel approximately 200 feet.