

Dredge Area	Passage Planning Depth (From latest Information)	Current Survey	Comments
Western Docks			
101 Bth Step	4.5	H3148	4.5m in berthing area. 3.9m and less to south.
101 Berth	10.2	H3148	Ploughed to Nominal. Up to 3.0m scour at either end of quay edge.
102/3 Berths	10.2	H3148	Ploughed to Nominal.
104 Berth	10.2	H3148	Ploughed to Nominal.
105 Berth	11.7	H3148	Ploughed to Nominal.
106 Berth	11.7	H3148	Ploughed to Nominal.
107 Berth	11.7	H3148	Ploughed to Nominal.
108/109 Berth	11.7	H3148	Ploughed to Nominal.
109 Berth Step	5.5	H3148	
7 Dry-Dock	11.4	Interim	10.1m over Sill. Approach to Dock 10.8m.
110 Berth	8.2	H3148	Inc to min 8.7m at E end.
201 Berth	10.0	H3101	Ploughed to nominal during Spring 2010 campaign. Yet to be resurveye
202 Bth Step	9.6	H3119	
202 Berth	11.7	H3129	Unable to resurvey due to laid up vessel occupying berth.
203 Berth	9.1	H3148	
204 Berth	13.6	H3148	Ploughed to Nominal.
205 Berth	13.7	H3148	Ploughed to Nominal.
206 Berth	13.6	H3148	Up to 2.0m scouring at ends of dredge box.
207 Berth	14.8	H3148	Up to 1.7m scouring at ends of dredge box.
207 Tug Shelf	5.8	H3148	Mainly to depth to South. To North by 207 - see chart.

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Eastern Docks			
Itchen Bridge Approach	3.0	H3082	Least depth along track to Itchen Bridge - see chart
Empress Dock	7.8	H3148	7.8m in southern half. See H3148_Ch2 for LF plot.
20 Berth	5.3	Interim	Special survey H3084 of this berth.
21 Berth	1.1	H2975	Least depth in partial survey
22 Berth	6.8	Interim	1st April 2008
23 Berth	7.4	H3148	
24 Berth	6.7	H3148	
25 Berth	6.7	H3148	
26 Berth	6.4	H3148	
27 Berth	6.6	H3148	
31/32 Berth	9.1	H3148	8m alongside pontoon
33 Berth	9.1	H3148	
Lower Itchen Above Empress	8.9	H3148	Less closer to edge of area to east.
34 Berth	9.9	H3148	
35 Berth	9.9	H3148	
36 Berth	9.9	H3148	
Lower Itchen Below Empress	9.1	H3148	Following bed leveling Spring 2010 least depth in channel confirmed as 9
37 Berth	7.8	H3148	
Dock Head Wedge	9.7	H3148	Fluid mud layer to 9.7m (Spring post dredge). LF chart to 10.0m
38 Berth	10.5	H3148	
39 berth	10.5	H3148	
40 Berth	9.3	H3148	8.8m in north of berth box, as advertised to south
41 Berth	8.8	H3148	5.0m inside knuckle
43 Berth	11.7	H3148	
44 Berth	11.7	H3148	
45 Berth	9.3	H3148	
46 Berth	10.2	H3148	
47 Berth	11.7	H3148	
App Ocean Dk	10.2	H3148	Ploughed to 10.5m
Ocean Dock	10.2	H3148	Ploughed to 10.5m
48 Berth	5.1	H3022	No recent survey under Shieldhall
49 Berth	7.1	H3148	6.3m on approaches to berth.
50 Berth	2.0		H3125A. Sloping 2.0m at north to 5.0m at south.

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Channel			
S Bramble to N Thorn	12.6	H3138	Iso. soundings to 12.4m on mid channel ridge. Emails refer. See chart.
N Thorn to Hook	12.6	H3138	Iso. soundings to 12.5m on mid channel ridge. Emails refer. See chart.
Hook to Fawley	12.6	H3108	
Fawley Deep	12.6	H3101	
Greenland to NW Netley	12.6	H3148	
NW Netley to Dock Head	12.6	H3148	
Lower Swinging Ground	12.6	H3148	
Junction Channel	12.6	H3148	Charted shoal soundings ploughed to 12.6m
Middle Swinging Ground	12.6	H3148	
Western Docks	12.6	H3148	
Upper Swinging Ground	12.6	H3148	Shoal soundings ploughed to 12.6m. See chart for details
Bury Reach	12.6	H3148	
Southampton Container Terminal	12.6	H3148	Shoal soundings at Marchwood all ploughed to 12.9m
North Channel	4.2	H3106	- along normal track, but 2.9m on NE margins and 3.8m on SW margins.
Nab Channel	13.8	H2951	Though 13.5 in toe lines

Water Density Measurements

Measured from surface samples at the locations and dates detailed below

Date	Sample Locations	Average Water Density
26/05/2010	SCT	1.012
26/05/2010	Western Docks	1.021
26/05/2010	Dockhead	1.024
26/05/2010	Calshot	1.024

Densities given in this report are averages of those measured over Flood, HW Stand and Ebb tidal states. Full information is available from the Port Hydrographic Office

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