

**River Thames – Critical Depths List**

<u>Station Name</u>	<u>Miles(LB)</u>	<u>Critical Depth</u>	<u>Ruling Depth</u>
Trinity Buoy	78.7	14.1	
Sunk Pilots - SHM	79.0	15.2	
Longsand Head Shoal	78.0	12.3in, 9.9 out	12.3
NE Spit Pilots	75.2	8.6	9.6
Fishermans Gat	64.8	8.7in, 8.5 out	8.7
Black Deep Middle 2	63.2	15.7in, 15.3 out	16.0
Knock John Shoal OUT	55.9	14.4	14.4
Knock John Shoal IN	53.8	14.4	
Princes Channel Bar OUT	53.1	5.7 (8.0 on DWR Out)	8.1
Princes Channel Bar IN	52.7	8.1	
Shiv Sand Shoal	50.9	8.0	8.2
Mouse	50.0	4.9	5.7
East Mouse	54.0	6.7	7.1
W.Oaze Shoal OUT	44.7	12.4	14.2
W.Oaze Shoal IN	44.7	12.6	
Sea Reach 1 OUT	43.5	13.6	14.1
Sea Reach 3 IN	40.0	13.4	13.9
Sea Reach 3 OUT	40.0	13.5	
Sea Reach 5 OUT	36.5	13.1	14.3
Sea Reach 6-7 OUT	33.5	13.5	14.3
Sea Reach 7 IN	33.8	14.3	14.3
Canvey	31.5	14.4	
Tanker Buoy OUT	30.5	12.0	14.0
Tanker Buoy IN	31.3	13.5	
London Gateway OUT	29.0	13.9	14.2
London Gateway IN	29.0	14.2	
Lower Hope Point Shoal OUT	27.8	8.1	9.3
Lower Hope Point Shoal IN	26.9	8.9	
Coalhouse Shoal OUT	24.9	8.9	9.2
Coalhouse Shoal IN	25.3	7.6	9.2
Diver Shoal OUT	23.7	7.3	9.7
Diver Shoal IN	24.0	9.5	
Tilburyness Shoal OUT	21.8	9.1	
Tilburyness Shoal IN	21.8	7.0	9.1
Tilbury Lock approach (max 7.2)	21.7	7.2	
Broadness IN	20.1	6.3(Black Shelf)	8.6
Broadness OUT	20.1	4.6	8.6
Stoneness IN	18.8	8.4	8.6
Stoneness OUT	19.0	8.4	8.6
Purfleet Shoal	17.2	6.5	8.2

*Note: The Ruling Depth is the same as the Critical Depth except where shown*

**N.B.**

This list is kept up to date to inform of the **DEFAULT** depths currently entered in the DPC's Passage Planning Program.

Surveys **MUST** always be examined for the complete picture.