

River Thames – Critical Depths List

<u>Station Name</u>	<u>Miles(LB)</u>	<u>Critical Depth</u>	<u>Ruling Depth</u>
Trinity Buoy RP	78.7	13.0	
Sunk Pilots	77.0	14.1	
Longsand Head Shoal	78.0	12.2	
NE Spit Pilots	75.2	7.8	9.1
Fishermans Gat	64.8	8.0	8.2
Knock John Shoal OUT	55.9	11.5	13.1
Knock John Shoal IN	53.8	12.9	
Princes Channel Bar OUT	53.1	5.4	7.9
Princes Channel Bar IN	52.7	7.9	
Shiv Sand Shoal	50.9	7.9	
W.Oaze Shoal OUT	44.7	10.7	11.0
W.Oaze Shoal IN	44.7	10.9	
Mouse	50.0	5.8	
Sea Reach 2-3 Shoal IN	40.6	11.0	11.0
Sea Reach 2-3 Shoal OUT	40.8	11.0	
Sea Reach 6 Shoal OUT	35.3	11.0	
Sea Reach 6-7 Shoal OUT	33.6	10.6	10.6
Sea Reach 6-7 Shoal IN	34.1	10.6	
Canvey	31.5	11.0	
Thameshaven Shoal OUT	29.0	9.6	
Thameshaven Shoal IN	29.0	9.4	9.6
Lower Hope Point Shoal OUT	28.0	9.0	9.1
Lower Hope Point Shoal IN	27.6	8.8	
Coalhouse Shoal OUT	25.3	9.1	9.1
Coalhouse Shoal IN	25.3	8.7	
Diver Shoal OUT	23.7	8.7	9.1
Diver Shoal IN	24.0	9.1	
Tilburyness Shoal OUT(&RP)	21.8	9.1	
Tilburyness Shoal IN(&RP)	21.8	7.2	9.1
Tilbury Lock approach (max 7.2)	21.7	7.2	
Broadness IN	20.1	8.1	8.6
Broadness OUT	20.1	5.5	
Stoneness IN	18.8	8.4	8.6
Stoneness OUT	19.0	8.4	
Purfleet Shoal	17.2	7.6	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.

For Estuary Co-tidal diagram see:-

<http://www.pla.co.uk/pdfs/hydro/CotidEstuaryNavInfo.pdf>