

Last Update 24 September 2021 at 1541 hours

RIVER THAMES – CRITICAL DEPTHS LIST

STATION NAME	MILES (LB)	CRITICAL DEPTH INWARD	CRITICAL DEPTH OUTWARD	RULING DEPTH
Sunk Inner		16.4m	15.3m	16.4m
Dynamo		16.0m	16.3m	16.4m
Sunk Extraction		15.5m	15.7m	15.7m
Sunk Head Tower		15.5m	15.9m	16.1m
Black Deep 2 / SHM		15.6m	15.0m	16.0m
Trinity DWR		14.3m	14.3m	14.3m
LSH 2 Way Route		13.1m	11.1m	-----
Black Deep 3 / BDM1		16.5m	16.4m	16.5m
Black Deep 5		18.5m	18.9m	18.9m
BDM2		15.7m	15.2m	16.0m
Black Deep 9		16.2m	16.3m	16.4m
Knock John (One way working)		14.3m	14.3m	14.3m
SE Mouse		14.9m	14.9m	14.9m
NE Spit Pilots			8.5m	9.5m
Fisherman's Gat		8.5m	8.3m	8.6m
Princes Outer		9.4m	10.4m	10.7m
Princes Channel Bar		7.6m	5.6m / 6.9m (DWR)	8.1m
Shivering Sands		7.4m	7.4m	8.2m
Mouse		4.9m	5.5m	5.5m
East Mouse		6.5m	6.6m	7.2m
Whitaker				
Swin		3.4m (Wk)	3.5m (Wk)	6.0m
Oaze Buoy		15.5m	16.2m	16.2m
West Oaze Bar		13.9m	12.1m	14.3m
West Oaze Buoy		12.7m	14.5m	14.5m
Sea Reach 1		14.3m	12.1m	14.3m
Sea Reach 2		14.3m	13.9m	14.3m
Sea Reach 3		13.2m	13.4m	13.9m
Sea Reach 5		14.3m	12.0m	14.3m
Sea Reach 6		13.7m	12.3m	14.0m
Sea Reach 7		13.9m	12.9m	14.0m
Tanker Buoy		13.2m	12.5m	14.0m
London Gateway		14.2m	12.1m	14.2m
Lower Hope Point Shoal		8.9m	7.8m	9.5m
Coalhouse Shoal		7.8m	8.8m	9.3m
Diver Shoal		9.6m	7.6m	9.6m
Tilburyness Shoal		5.7m	9.1m	9.1m
Broadness Shoal		5.8m	4.8m	8.7m
Stoneness Shoal		8.4m	8.2m	8.7m
Purfleet Shoal		7.3m	8.2m	8.2m
Crayfordness Shoal		7.2m	4.5m	7.2m
Jenningtree Shoal		6.8m	4.9m	6.8m
Fords Shoal		6.5m	6.8m	6.8m
Barking Shoal		5.1m	6.7m	6.7m
Gallions Shoal		5.9m	5.7m	5.9m
Warspite Shoal		6.0m	4.9m	6.0m
Hookness Shoal		3.1m	5.1m	5.4m
Primrose Shoal		5.4m	4.2m	5.7m
Blackwall Shoal		2.1m	2.1m	4.3m
Saundersness Shoal		0.9m	4.5m	4.7m
Greenwich Shoal				
Limehouse Shoal				
Wapping Shoal				

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.

[Estuary Co-tidal Diagram](#)