

STATION NAME (click to view miniplot)	CRITICAL DEPTH INWARD	CRITICAL DEPTH OUTWARD	RULING DEPTH	Survey Date	TIDAL REDUCTION <a href="#">Estuary Co-tidal Diagram</a>
<a href="#">Sunk Inner</a>	15.9m	15.1m	16.3m	09/10/23	100% Sunk Approach
<a href="#">Dynamo</a>	16.0m	15.9m	16.1m	11/06/23	77% Sunk Approach, 23% Walton
<a href="#">Sunk Extraction</a>	15.2m	15.7m	15.7m	23/08/23	72% Sunk Extraction, 28% Walton
<a href="#">Sunk Head Tower</a>	15.6m	16.0m	15.9m	23/08/23	65% Sunk Approach, 35% Walton
<a href="#">Black Deep 2 / SHM</a>	15.6m	14.7	15.8m	23/08/23	61% Sunk Approach, 39% Walton
<a href="#">Trinity DWR</a>	14.0m	14.4m	14.4m	04/04/24	100% Sunk Approach
<a href="#">LSH 2 Way Route</a>	11.8m	10.6m	-----	04/04/24	100% Sunk Approach
<a href="#">Black Deep 3 / BDM1</a>	16.5m	16.5m	16.5m	23/11/22	100% Walton
<a href="#">Black Deep 5</a>	18.5m	18.9m	18.9m	11/10/22	54% Walton, 46% Shivering Sand
<a href="#">BDM2</a>	15.7m	15.3m	16.0m	15/02/24	60% Walton, 40% Shivering Sand
<a href="#">Black Deep 9</a>	16.1m	16.2m	16.3m	22/12/22	50% Walton, 50% Shivering Sand
<a href="#">Knock John (One way working) Secondary Channel</a>	14m 9.1m	13.4m 11.4m	(14.2m)	27/02/24	70% Shivering Sand, 30% Walton
<a href="#">SE Mouse</a>	14.9m	14.9m	14.9m		100% Shivering Sand
<a href="#">NE Spit Pilots</a>		8.5m	9.5m	30/07/20	100% Margate
<a href="#">Fisherman's Gat</a>	8.1m	8.1m	8.4m	07/02/24	54% Margate, 46% Walton
<a href="#">Princes Outer / TST</a>	9.2m	10.4m	10.6m	07/09/23	65% Margate, 35% Shivering Sand
<a href="#">Princes Channel Bar / Princes 7</a>	7.5m	5.7m / 7.2m (DWR)	8.2m	26/03/24	100% Shivering Sand
<a href="#">Shivering Sands</a>	7.5m	7.6m	8.3m	15/12/23	100% Shivering Sand
<a href="#">Mouse</a>	5.1m	5.3m	5.4m	15/12/23	67% Southend, 33% Walton
<a href="#">East Mouse</a>	6.4m	6.7m	7.1m	23/06/22	65% Southend, 35% Walton
<a href="#">Whitaker</a>	3.0m	3.0m	3.1m	15/12/23	60% Shivering Sand, 40% Walton
<a href="#">Swin</a>	3.4m (Wk)	3.5m (Wk)	6.0m	23/05/22	90% Shivering Sand, 10% Walton
<a href="#">Oaze Buoy</a>	15.3m	16.2m	16.2m	31/08/23	64% Shivering Sand, 36% Southend
<a href="#">West Oaze Buoy</a>	12.7m	14.5m	14.5m	28/11/23	50% Shivering Sand, 50% Southend
<a href="#">West Oaze Bar</a>	13.7m	12.0m	14.3m	28/11/23	
<a href="#">Sea Reach 1</a>	13.6m	12.1m	14.3m	28/11/23	50% Shivering Sand, 50% Southend
<a href="#">Sea Reach 2</a>	14.3m	13.9m	14.3m	28/11/23	
<a href="#">Sea Reach 3</a>	13.2m	13.5m	13.8m	03/04/24	80% Southend, 20% Shivering Sand
<a href="#">Sea Reach 5</a>	14.5m	11.8m	14.5m	18/03/24	
<a href="#">Sea Reach 6</a>	13.8m	12.3m	13.9m	18/03/24	63% Southend, 37% Coryton
<a href="#">Sea Reach 7</a>	13.8m	13.1m	14.0m	18/03/24	63% Coryton, 37% Southend
<a href="#">Tanker Buoy</a>	13.5m	12.3m	13.9m	11/01/24	92% Coryton, 8% Southend
<a href="#">London Gateway</a>	14m	12m	14.2m	30/01/24	75% Coryton, 25% Tilbury
<a href="#">Lower Hope Point Shoal</a>	8.7m	7.9m	9.4m	30/10/23	70% Coryton, 30% Tilbury
<a href="#">Coalhouse Shoal</a>	7.2m	8.8m	9.3m	21/02/24	59% Tilbury, 41% Coryton
<a href="#">Diver Shoal</a>	9.5m	8.1m	9.5m	28/02/24	76% Tilbury, 24% Coryton
<a href="#">Tilburyness Shoal</a>	5.9m	9.7m	9.7m	02/04/24	100% Tilbury
<a href="#">Broadness Shoal</a>	5.9m	5.0m	8.6m	08/04/24	100% Tilbury
<a href="#">Stoneness Shoal</a>	8.3m	8.0m	8.8m	05/10/23	83% Tilbury, 17% North Woolwich
<a href="#">Purfleet Shoal</a>	7.3m	8.8m	8.8m	27/03/24	67% Tilbury, 33% North Woolwich
<a href="#">Crayfordness Shoal</a>	7.8m	5.2m	8.2m	16/01/24	56% Tilbury, 44% North Woolwich
<a href="#">Erith Shoal</a>	6.8m	6.1	6.8m	08/01/24	45% Tilbury, 55% North Woolwich
<a href="#">Coldharbour Shoal</a>	6.5m	6.8m	6.8m	08/01/24	42% Tilbury, 58% North Woolwich
<a href="#">Jenningtree Shoal</a>	6.7m	5.6m	8.3m	08/01/24	59% North Woolwich, 41% Tilbury
<a href="#">Fords Shoal</a>	6.5m	6.8m	6.8m	11/07/23	66% North Woolwich, 34% Tilbury
<a href="#">Barking Shoal</a>	4.7m	6.7m	6.7m	05/10/23	80% North Woolwich, 20% Tilbury
<a href="#">Gallions Shoal</a>	6.0m	5.7m	5.9m	09/11/22	100% North Woolwich
<a href="#">Warspite Shoal</a>	5.7m	5.2m	5.7m	03/05/23	100% North Woolwich
<a href="#">Hookness Shoal</a>	3.6m	4.7m	4.7m	07/02/24	90% North Woolwich, 10% Tower
<a href="#">Primrose Shoal</a>	5.3m	2.9m/4.2m	5.5m	10/01/24	85% North Woolwich, 15% Tower
<a href="#">Blackwall Shoal</a>	1.9m	2.2m/2.4m	4.8m	10/01/24	80% North Woolwich, 20% Tower
<a href="#">Saundersness Shoal</a>	1.4m	4.5m	4.5m	07/02/24	60% North Woolwich, 40% Tower

NB. This list is kept up to date to inform of the DEFAULT depths currently entered in the Passage Planning Program.

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

**(Highlighted data has been updated or checked within the last 30 days)**

**Form updated 10/04/2024 14:16**