

The Spitway

Suggested Transit

For those with deep draught, it is

suggested that the transit between

the two waypoints benefits from the shortest distance at the best 'least 001º06'000E 001º06'500E 001º07'000E 001º07'500E 001º08'000E 001º08'500E 001º09'000E 001º09'500E 001º10'000E 001º10'500E depth'. North Wpt: 51º43'500N 11₄ 11₂ 51°42'90N 001°08'20E Wallet Spitway South Wpt: 109 SWM 109 108 Lfl 10s Bell 51°42'10N 001°09'44E 10 51º42'86N 71 1.12nm 136°T/316°T 001°07'30E 6 Southbound, there is a transit from 5 the North Wpt to the Whitaker ECB. 9₇ 9₄ 6 8 4 107 51º43'000N **9**₂ 4 6 101 3 **9**9 10 8 9₈ 57 6 31 7₈ 9 7 3 9 24 81 9 16 25 21 25 83 Δ 16 15 27 3 29 21 3 3 15 3 23 27 16 51º42'500N 18 19 19 03 020 19 $\mathbf{0}_{6}$ 1 19 3 0₃ 0₂ 04 08 3₁ 3₆ <u>0</u>3 14 1_{8} 2 <u>0</u>4 08 1_{3} 05 17 Notes 17 [†] <u>0</u>7 <u>08</u> 03 09 14 Depth in metres reduced to CD using PLA live $1 \setminus 1_1$ 14 14 14 07 tide heights at Walton-on-Naze and UKHO Co-02 09 1_{3} Tidal charts. 14 03 Ō4 <u>0</u>7 1_{3} 12 Caution 07 51º42'000N 09 Soundings taken on leisure equipment using 07 over 5300 soundings. Whilst every care has 08 75 been taken in the preparation of this data, it 86 cannot be guaranteed that depths will remain. 7: Swin Spitway SWM 86 Iso. 10s Bell The Wreck is shown on Admiralty Charts as 51º41'95N having swept depth of 4 metres by sounding. 001°08'35E Soundings taken on 18.06.19 (WGS84) 51º41'500N 001º07'000E 001º08'500E 001º09'000E 001°09'500E 001º10'500E 001º11'000E 001º11'500E 001º06'000E 001º06'500E 001°07'500E 001º08'000E 001º10'000E

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Some Notes on Tidal Heights at the Spitway

At the Spitway	Mean HW Springs	= Approx. 42 minutes before HW Sheerness and approx. 18 minutes after HW Walton
	Mean HW Neaps	= Approx. 32 minutes before HW Sheerness and approx. 19 minutes after HW Walton
	Mean LW Springs	= Approx. 42 minutes before LW Sheerness and approx. 30 minutes after LW Walton
	Mean LW Neaps	= Approx. 22 minutes before LW Sheerness and approx. 21 minutes after LW Walton

Typically at the Mean Spring Range, low water at Walton can be expected to have a height of tide of about 0.4m: i.e. 0.4m above charted depths. The Mean Range Factor at the Spitway is about 1.13 on Walton. So theoretically at 30 minutes after the time of LW at Walton, the height of tide at the Spitway should be 0.4m x 1.13 = 0.45m. That of course is based upon weather conditions and the progress of a uniform tidal wave into the Estuary which can never be certain. At Mean Neaps Range, low water at Walton can be expected to have a height of tide of about 1.0m. So theoretically at 21 minutes after the time of LW at Walton, the height of tide would be 1.0m x 1.13 = 1.13m.

There is one excellent facility that is more accurate. The Port of London VTS broadcasts live tidal heights at four tide gauges 15 minutes before the hour and 15 minutes after on VHF Channel 69. The 4 tide gauges reported are Walton (always first), Margate, Shivering Sands and Southend. Receiving the broadcast on Ch 69. can be difficult at the Spitway but since for the majority, LW at the Spitway is likely to be for those northbound, it is a good idea to listen into Ch. 69 from the beginning of Fisherman's Gat. VHF Ch. 69 can provide a useful idea of traffic in the Black Deep (shipping has priority) and can also provide information at the height of tide at the SW Sunk swatchway: height of tide at the Margate PLA gauge = height of tide at the SW Sunk swatchway.