

# River Thames LAMBETH REACH

DEPTHS in METRES  
Scale 1: 5000 at A2

Surveyed by the Port of London Authority Hydrographic Service  
July 2015

**DEPTHS**  
Depths are in metres, reduced to Chart Datum, being 2.59m 2.74 & 2.90 below Ordnance Datum (Newlyn), which is approximately the level of Lowest Astronomical Tide.

**HEIGHTS**  
Heights are in metres. Underlined figures are drying heights above Chart Datum; all other heights are above MHWS.

**SOUNDINGS**  
All sub-tidal areas are surveyed by MBES giving 100% coverage to BHO 544 order 1A.

**POSITIONS**  
Positions are referred to the WGS84 compatible datum, European Terrestrial Reference System 1989 Datum.

**VARIATION**  
Magnetic Variation 1° 50' W (2009) decreasing 8' annually

**AUTHORISED CHANNEL**  
The pecked lines indicate the limits of the authorised channel.

**DISTANCES**  
Distances from London Bridge are shown along the N channel edge in Sea Miles and tenths against this symbol ▲

**ANCHORING**  
Anchoring is prohibited in the fairway and within 60 metres of any tanned under the river, except in an emergency.

**LADDERS**  
Permanent ladders, the exact position or condition of which cannot be guaranteed, are shown thus ●

**RESTRICTED AREA - LAMBETH REACH**  
A 70m exclusion zone exists off the Houses of Parliament.

**BRIDGES** - Headway at the centre span above MHWS:  
LAMBETH BRIDGE = 6.4m  
WESTMINSTER BRIDGE = 5.4m  
CHARING CROSS RAILWAY BRIDGE = 7.0m  
WATERLOO BRIDGE = 8.6m

NB. Submerged obstructions in Arches Nos.3, 4 and 5 at Westminster Bridge due to extended bridge piers. (See plan inset below)

**LIGHTS ON BRIDGES**  
Light stars within a circle shown on bridges indicate a 2FY(boat) combined with Iso. W. 4s (occas) / VQ traffic warning lights. White isophase light 4s shown from a bridge span warns of a reporting vessel navigating, or about to navigate, through the bridge. A very quick flashing light indicates two or more such vessels in the same vicinity. See PLA General Direction No.28.

**LIGHTS ON JETTIES**  
Light stars without legends represent two fixed lights displayed vertically. They are seen as red to port and green to starboard when proceeding upriver.

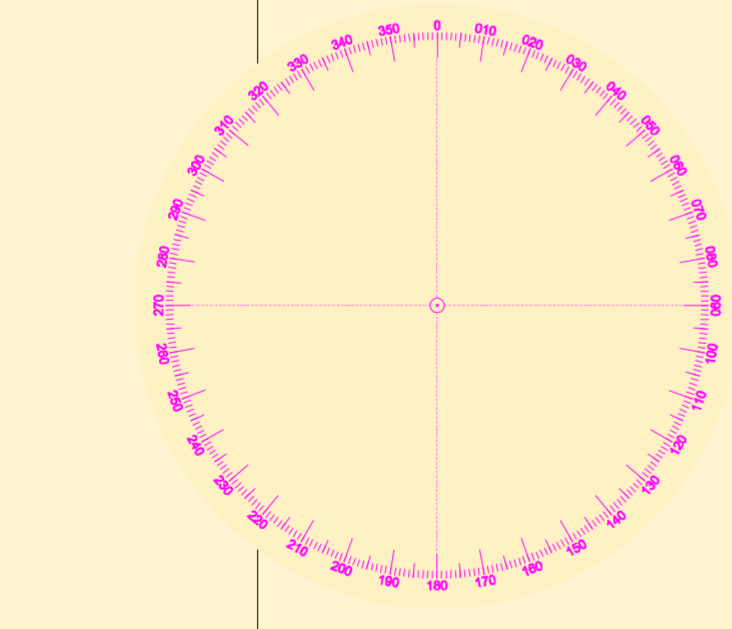
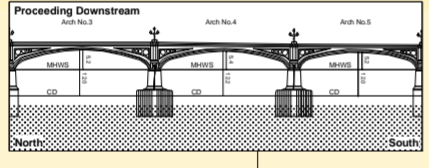
**TOPOGRAPHY**  
The shore features on this chart are based largely on Ordnance Survey digital map data with the permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright 2016. All rights reserved. Ordnance Survey Licence number 100022150.

**MOORINGS**  
Mooring screws are shown in their true position thus ⊙ and buoys shown as symbols. Buoy numbers shown (32) are PLA references.

**SPEED LIMIT**  
A speed limit of 12knts exists for all power driven vessels navigating unless authorised by HM for high speed above Lambeth Bridge. See PLA General Direction No.34.

**WORKS IN PROGRESS**  
Construction works will be progressing in the areas indicated, various restrictions will be in place from time to time, see PLA Notices to Mariners for latest information.

**PLA REFERENCES**  
The numbers shown on the shore and in parentheses in the river adjacent to moorings refer to PLA licences.



Tide Details, referred to levels at Westminster Bridge:	Ordnance Datum	Chart Datum
Highest Recorded (1953)	5.42	8.32
Highest Astronomical Tide (HAT)	4.47	7.37
Mean High Water Springs	3.98	6.88
Mean High Water	3.37	6.27
Mean High Water Neaps	2.76	5.66
Ordnance Datum (Newlyn)	—	2.90
Mean Low Water Neaps	-1.60	1.30
Mean Low Water Springs	-2.38	0.52
Chart Datum	-2.90	—

Port of London Authority Hydrographic Service  
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