



# River Thames WOOLWICH REACH (UPPER)

DEPTHS in METRES

SCALE 1:5000 at A2

Surveyed by the Port of London Authority Hydrographic Service

May - June 2010 & January - May 2017

**DEPTHS**  
Depths are in metres and are reduced to Chart Datum being 3.35m 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.

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

**VARIATION**  
Magnetic Variation 1° 50' W (2009) decreasing 8" p.a.

**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 tunnel under the river, except in an emergency.

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

**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 2011. All rights reserved. Ordnance Survey Licence number 100022150.

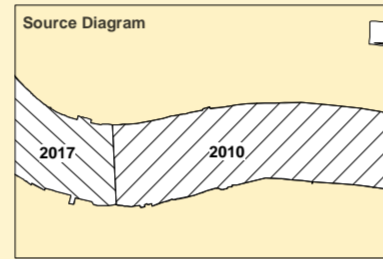
**MOORINGS**  
Moorings are shown in their true position thus ○ and buoys shown as symbols. Buoy numbers shown (20) are PLA references.

**SPEED LIMITS**  
A speed limit of 12knts exists for all power driven vessels navigating in this area of the Thames unless authorised by HM for high speed.  
See PLA General Direction No. 34 and Thames Tidal Barrier notes

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

**PLA PUBLICATIONS**  
Refer to PLA Publications for further information:  
1. PLA River Byelaws  
2. General Directions for Navigation  
3. PLA Tide Tables & Port Information  
4. The River Thames Recreational Users Guide  
5. Mariner's Guide to Bridges on the Tidal Thames

**PLA HYDROGRAPHIC SERVICE WEBSITE**  
www.pla.co.uk/hydrohomepage



## Thames Tidal Barrier

**Barrier Control Zone**  
The Thames Barrier Control Zone extends from Margarettess to Blackwall Point.

**Traffic Control through the Barrier**  
When the barrier is not closed for flood prevention or maintenance purposes, vessels may navigate through spans B, C, D, E, F and G in accordance with the traffic signals exhibited. Spans A, H, J and K are closed to navigation at all times.

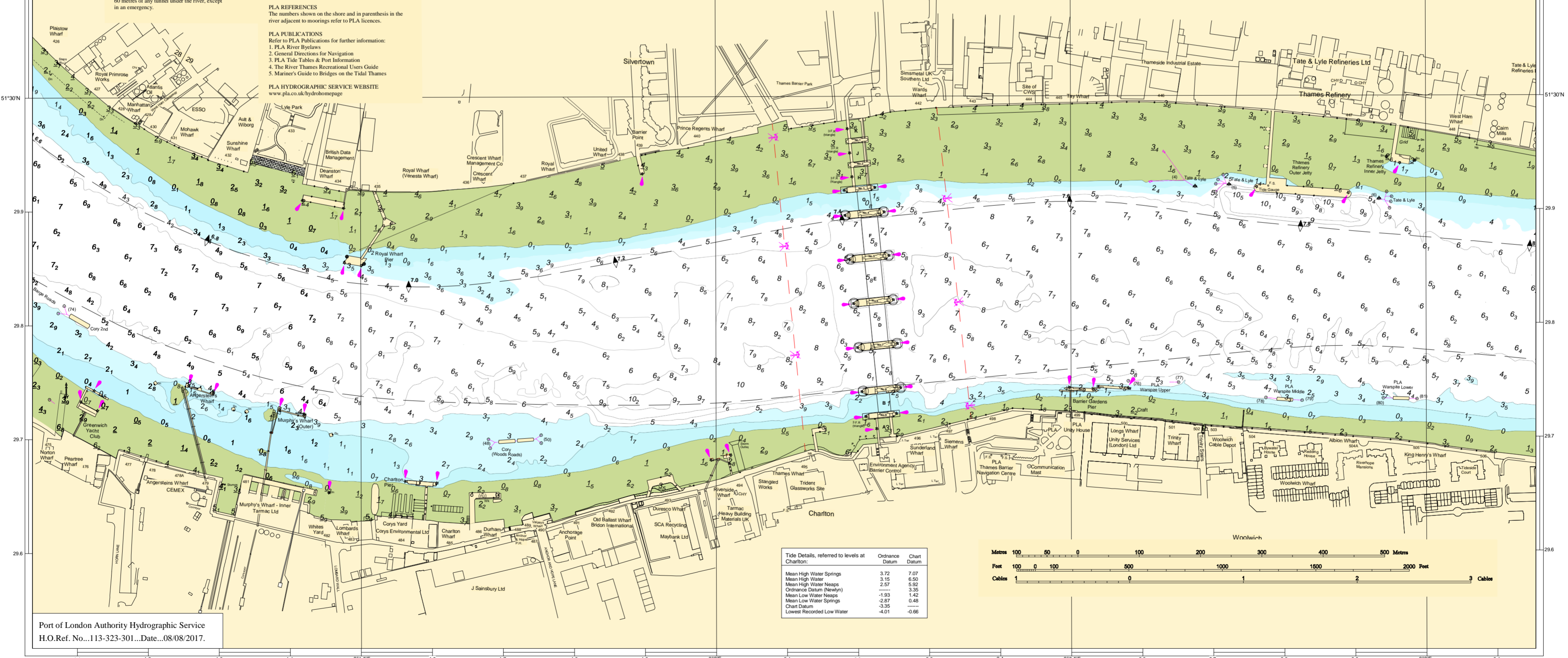
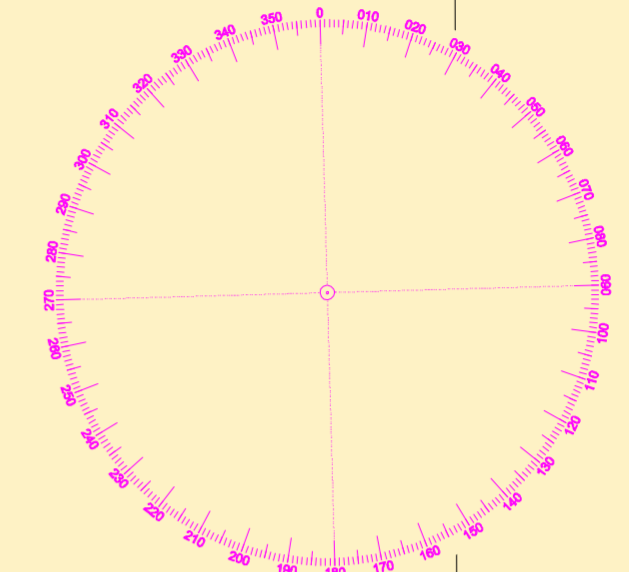
**Traffic through the span is strictly one-way.**

**Traffic Signals at the Barrier**  
Signals indicating the spans to be used for navigation are exhibited from the piers on either side of each span. Signals are as follows:  
**Green Arrow: span in use for navigation**  
**Red Cross: span closed to navigation.**

In low visibility, a Racon Signal (T) and high intensity directional fixed white lights are exhibited on either side of spans C, D, E, F. When the Barrier is closed all traffic signals will be set to show red crosses.

**Information regarding the spans in use is broadcast by the Thames Barrier Navigation Centre.**  
(Call sign "London VTS", VHF Channel 14, Tel:020 8312 7671).

See General Directions for Navigating in the Port of London, Pilotage Directions & Permanent Notices to Mariners.



Port of London Authority Hydrographic Service  
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| Tide Details, referred to levels at Chertsey: | Ordnance Datum | Chart Datum |
|---|----------------|-------------|
| Mean High Water Springs                       | 3.72           | 7.07        |
| Mean High Water Neaps                         | 3.15           | 6.50        |
| Ordnance Datum (Newlyn)                       | 2.57           | 5.92        |
| Mean Low Water Neaps                          | -1.93          | 1.42        |
| Mean Low Water Springs                        | -2.87          | 0.48        |
| Chart Datum                                   | -3.35          | —           |
| Lowest Recorded Low Water                     | -4.01          | -0.66       |

