



PORT OF LONDON AUTHORITY

River Thames

NINE ELMS REACH

DEPTHS in METRES

SCALE 1:5000 at A2

Surveyed by the Port of London Authority Hydrographic Service

August - November 2003

Tide Details, referred to levels at Victoria Railway Bridge:	Ordnance Datum	Chart Datum
Mean High Water Springs	3.91	0.35
Mean High Water Neaps	3.34	0.78
Mean High Water Neaps	2.70	0.20
Ordnance Datum (Newlyn)	—	2.44
Mean Low Water Neaps	-1.75	0.89
Mean Low Water Springs	-2.25	0.39
Chart Datum	-2.44	0.18

DEPTHS
Depths are in metres and are reduced to Chart Datum being 2.2m, 2.4m & 2.5m 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 10' p.a.

AUTHORISED CHANNEL
The potted 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 bank or structure on the river, except in an emergency.

LADEERS
Usable ladders allowing access to/from the river at certain states of the tide are shown thus:

BRIDGES - Headways at the centre span above MHWs:
CHELSEA BRIDGE - 6.6m
VICTORIA RAIL BRIDGE - 6.0m
VAUXHALL BRIDGE - 5.7m

RESTRICTED AREA - ALBERT EMBANKMENT
A low exclusion zone exists has been established in the vicinity of Albert Embankment. See PLA Notice to Mariners No. UZ of 2005.

LIGHTS ON BRIDGES
Light stars within a circle shown on bridges indicate a 25' (red) combined with Iso.W.4sec(s) / VQ traffic warning lights. White isophase light is 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.

An arch marked at the centre by day or night by two horizontal orange (or amber) lights, denotes that the arch is one of the main working arches; these arches usually lie in the Authorised Channel normally used by commercial vessels. Other arches are available for navigation by vessels when height of tide, draft and air draft permit, unless marked as being closed for navigation.

LIGHTS ON PILES
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 2010. All rights reserved. Ordnance Survey Licence number 100072150.

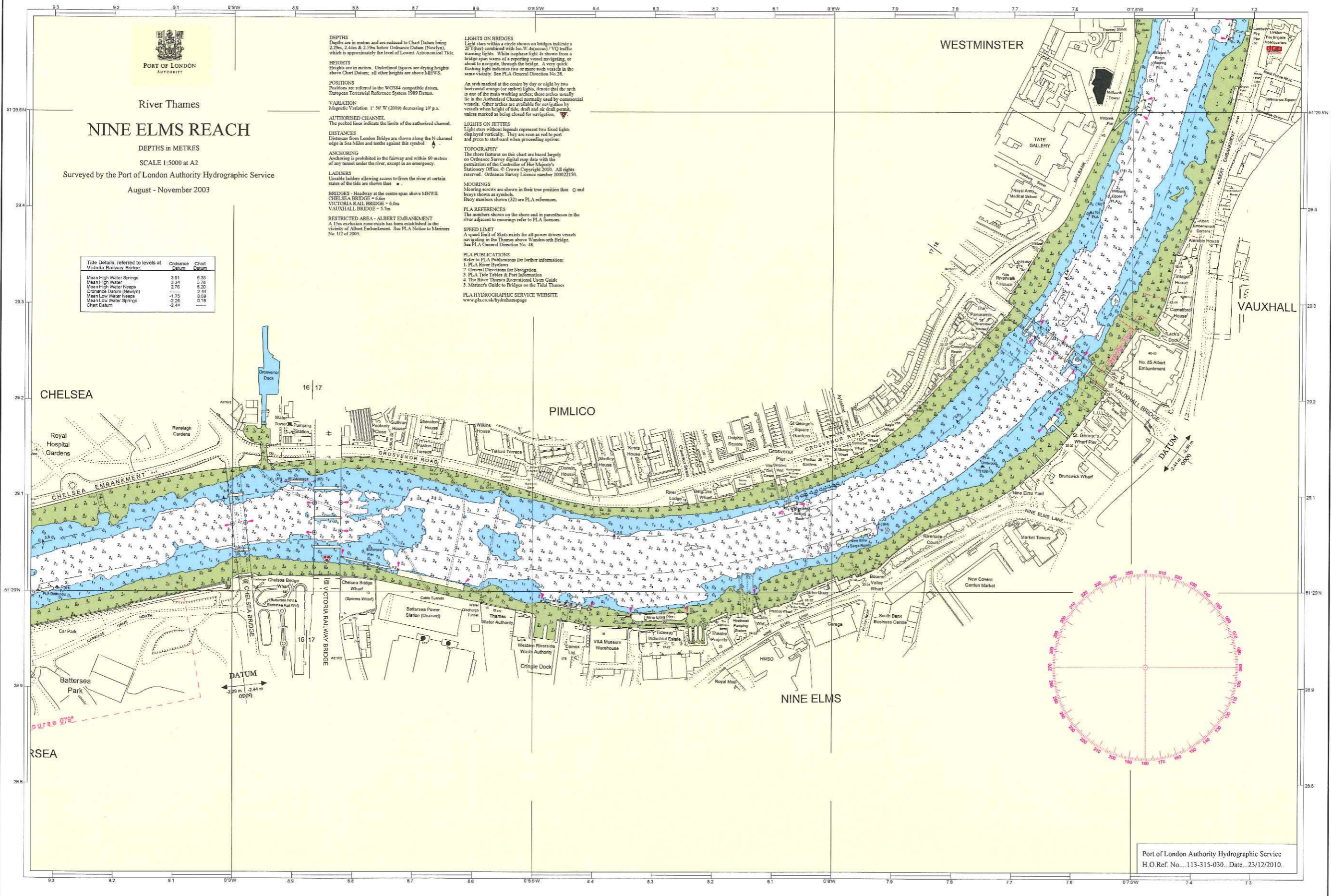
MOORINGS
Mooring screws are shown in their true position thus: and buoys shown as symbol. Buoy numbers shown (32) are PLA reference.

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

SPEED LIMIT
A speed limit of 8knts exists for all power driven vessels navigating in the Thames above Wandsworth Bridge. See PLA General Direction No. 48.

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

PLA HYDROGRAPHIC SERVICE WEBSITE
www.pla.co.uk/hydrographic



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