PORT OF LONDON AUTHORITY

River Thames

GRAVESEND REACH (MIDDLE)

DEPTHS in METRES

SCALE 1:2500 at A0

Surveyed by the Port of London Authority Hydrographic Service

May 2015 - October 2015

DEPTHS
Depths are in metres and are reduced to Chart Datum, being 3.12m below Ordnance Datum (Newlyn), which is approximately the level of Lowest Astronomical Tide.

SOUNDINGS
All sub-tidal areas are surveyed by MBES giving 100% coverage to IHO S44 order 1A.

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 Ordnance Survey of Great Britain (1936) Datum.

Variation
0 0' W (2019) 9'E

CONVERGENCE
True North is 1° 51' West of Grid North at 565000mE.

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
Useable ladders allowing access to/from the river at certain states of the tide 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.

MOORINGS
Mooring screws are shown in their true position thus ⊙ and buoys shown as symbols.
Buoy numbers shown (20) are PLA references.

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

PLA PUBLICATIONS
Refer to PLA Publications for further information:
1. PLA Thames 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

Tide Details, referred to levels at Gravesend	Ordnance Datum	Chart Datum
Highest Recorded (1953)	4.66	7.78
Highest Astronomical Tide	3.85	6.97
Mean High Water Springs	3.37	6.49
Mean High Water	2.80	5.92
Mean High Water Neaps	2.23	5.35
Ordnance Datum (Newlyn)	0.00	3.12
Mean Low Water Neaps	-1.59	1.53
Mean Low Water Springs	-2.49	0.63
Chart Datum	-3.12	0.00
Lowest Recorded (1987)	-3.85	-0.73

Tilbury 2
(works in progress 2020)

Bill Meroy Creek

Anglian Water Services

Marsh Farm (Jetty)

Tilbury Fort

Worlds End P.H.

Tilbury 2 Jetty

T2 CMAT (Aggregates Berth)

T2 Upper (Ro-Ro Berth)

T2 Lower (Ro-Ro Berth)

Underground Electric Cables: 40m below ODN 36m below CD

Shed 31

Site of Tilbury Repair Jetty (Submerged Ruins)

Tilbury Ro-Ro

Tilbury Landing Stage

Cupola London Cruise Terminal

Baltic Wharf

Commercial Wharf

Bath,128A Street, Crawley Court, Sewer Outfall 128-130

Marriotts Wharf 131

Regents Court 134-135

Melbourne Court 136 - 144

Town Pier Pontoon

Town Pier

St. Andrews Gardens 147

Royal Terrace Pier

Customs Pier

PLA London River House, Port Control Centre

Clarendon Royal Hotel

H.M. Customs

Gordon Promenade

Fort Gardens

Gravesend Sailing Club

Feabrex Limited

Gravesend Canal Basin

Denton Ship Repair Yard

Feabrex Limited

Denton Wharf

Katrina Wharf

Palmer Marine Services

PLA Marine House

Imperial Jetty

Imperial Business Park

Imperial Retail Park

Lay Construction Ltd.

ST. GEORGES CHURCH

Imperial Jetty

GRAVESEND LOWER

Metres 100 50 0 100 200 300 400 500 Metres
Feet 100 0 100 500 1000 1500 2000 Feet
Cables 1 0 1 2 3 Cables

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