



RIVER HUMBER HALTON MIDDLE

DEPTHS IN METRES
SCALE 1 : 10000

SURVEYED BY
ASSOCIATED BRITISH PORTS
27th to 28th February 2017

Depths are in metres and decimetres reduced to the chart datum given below
Underlined figures are drying heights in metres and decimetres above chart datum
Overhead clearance heights are above Highest Astronomical Tide
TIDAL LEVEL AND CHART DATUM

PLACE	Heights in metres above Chart Datum				Chart Datum and remarks
	M.H.W.S.	M.H.W.N.	M.L.W.N.	M.L.W.S.	
IMMINGHAM	7.3	5.8	2.6	0.9	3.9m below O.D. Newlyn
KING GEORGE DOCK	7.6	6.0	2.5	0.7	3.9m " " " "

Projection :- Transverse Mercator. National Grid references are given along borders of chart.

Gas pipelines contain flammable natural gas under high pressure. Any ship damaging the lines would face an immediate fire hazard. Mariners must not anchor in the vicinity of the lines. Whilst every care was taken in the preparation of this Chart, which is intended to provide precision, ABP gives no warranty, liability, or responsibility on account of the quickly shifting character of the river bed. It is advised that such data can be relied upon and, further, no responsibility can be accepted by ABP for any inaccuracy in the Chart or omission therefrom.

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions can be plotted directly on this chart.

NATIONAL HORIZONTAL DATUM

Positions read from this chart must be adjusted by 0.02 metres SOUTHWARD and 0.10 metres EASTWARD before plotting on documents referred to Ordnance Survey of Great Britain 1956 (OSGR 56 Datum).
Example:
Position on chart 53° 41' 58.000" 12' 50W
along adjustment 0.02S 0.10E
OSGR 56 position 53° 41' 58.000" 12' 40W