

WGS 84 POSITIONS can be plotted directly on this chart

RIVER HUMBER Spurn Head to Grimsby

ANNUAL SURVEY 2014 DEPTHS IN METRES SCALE 1 : 12 500

SURVEYED BY
Harbour Master, Humber
ASSOCIATED BRITISH PORTS
16th October 2014 to 1st June 2015

Depths are in metres and decimetres reduced to the chart datum given below
Undertimed figures are drying heights in metres, and decimetres above chart datum
Overlaid 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.	
SPURN	6.9	5.5	2.7	1.2	3.9m below O.D. Newlyn
GRIMSBY	7.1	5.7	2.6	1.1	Being approx. L.A.T.

Projection --- Transverse Mercator. National Grid references are given along borders of chart.
Light stars without legends represent sea fixed lights displayed vertically and seen as red to port and green to starboard when proceeding upriver.
Light stars with legends are in the possession of this Chart, which is intended to provide Mariners with the data which Associated British Ports of the Humber Estuary provides.
Projection and datum are not interrelated, and chart data are not to be used for navigation.
Further responsibility can be accepted by ADP for any inaccuracy in the Chart or omission therefrom.

Hour	Geographical Position	Depth (metres)	Flow	Time
100	53° 37' 00" N 005° 57' 00" W	10.0	1.0	100
101	53° 36' 45" N 005° 56' 45" W	10.1	1.0	101
102	53° 36' 30" N 005° 56' 30" W	10.2	1.0	102
103	53° 36' 15" N 005° 56' 15" W	10.3	1.0	103
104	53° 36' 00" N 005° 56' 00" W	10.4	1.0	104
105	53° 35' 45" N 005° 55' 45" W	10.5	1.0	105
106	53° 35' 30" N 005° 55' 30" W	10.6	1.0	106
107	53° 35' 15" N 005° 55' 15" W	10.7	1.0	107
108	53° 35' 00" N 005° 55' 00" W	10.8	1.0	108
109	53° 34' 45" N 005° 54' 45" W	10.9	1.0	109
110	53° 34' 30" N 005° 54' 30" W	11.0	1.0	110



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 Edinburg Survey of Great Britain 1956 (OSGR 36 Datum).
Example:
Position on chart 53° 37' 50N, 005° 57' 30E
Inches adjustment 0.02E 0.10E
OSGR 36 position 53° 37' 48N, 005° 57' 40E

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