

WGS 84 POSITIONS can be plotted directly on this chart



Hour	Geographical Position	Position	Position
Lat	Long	Lat	Long
10	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
11	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
12	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
13	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
14	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
15	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
16	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
17	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
18	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
19	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
20	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
21	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
22	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
23	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
24	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
25	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
26	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
27	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
28	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
29	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
30	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
31	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
32	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
33	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
34	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
35	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
36	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
37	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
38	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
39	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
40	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
41	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
42	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
43	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
44	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
45	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
46	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
47	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
48	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
49	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W
50	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W	53° 37' 00" N 009° 27' 00" W

RIVER HUMBER

Grimsby to Immingham

ANNUAL SURVEY 2014
 DEPTHS IN METRES
 SCALE 1 : 12 500
 SURVEYED BY
 Harbour Master, Humber
 ASSOCIATED BRITISH PORTS
 8th March 2014 to 20th January 2015

PLACE	Heights in metres above Chart Datum			Chart Datum and remarks
	M.H.W.S.	M.L.W.N.	M.L.W.S.	
GRIMSBY	7.1	5.7	2.6	3.9m below O.D. Newlyn
IMMINGHAM	7.3	5.8	2.6	3.9m " " "

PROJECTION - Transverse Mercator. National Grid references are given along borders of chart.
 Light stars without legends represent low fixed lights displayed vertically and are seen as red to port and green to starboard when proceeding upriver.
 Main survey was taken in the preparation of this Chart, which is intended to provide Mariners with the data which Associated British Ports possessed at the time of its preparation. AIP gives notice that thereafter, on account of the quickly shifting character of the river bed, no warranty is claimed that such data can be relied upon and, further, no responsibility can be accepted by AIP for any inaccuracy in the Chart or omission therefrom.
 OSGB 36 position: 53° 37' 48N, 009° 07' 40W

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 1936 (OSGB 36 Datum).
 Example: Position on chart 53° 37' 50N, 009° 07' 50W
 in long adjustments 07 02S 07 10E
 OSGB 36 position 53° 37' 48N, 009° 07' 40W

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