WGS 84 POSITIONS can be plotted directly on this chart

RIVER HUMBER

Grimsby Middle Deposit Area

DEPTHS IN METRES
SCALE 1 : 10000
SURVEYED BY
Harbour Master, Humber
ASSOCIATED BRITISH PORTS
Surveyed 29th February 2024
Surveyed 8th & 14th November 2023

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

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 } Being approx. L.A.T.
GRIMSBY	7.1	5.7	2.6	1.1	3.9m " " " }

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 minutes SOUTHWARD and 0.10 minutes EASTWARD before plotting on documents referred to Ordnance Survey of Great Britain 1936 (OSGB 36 Datum).

Example:

Position on chart	53° 36'.50N,	000° 00'.50E
lat/long adjustments	0'.02S	0'.10E
OSGB 36 position	53° 36'.48N,	000° 00'.60E

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

Whilst every care 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, ABP gives notice that thereafter, on account of the quickly shifting character of the river bed, no warranty is afforded 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
Bathymetric soundings shown on this chart are collected to the U.K.H.O. standard: CATZOC C

Meridian 0° of Greenwich
528000 E
530000 E
532000 E
534000 E
38'
37'
36'
53° LAT
416000 N
414000 N
SUNK
DREDGED
CHANNEL
SPOIL GROUND
SPOIL GROUND
SPOIL GROUND
HAWKE ANCHORAGE
GRIMSBY MIDDLE
BURCOM SAND
SPOIL GROUND
Pyewipe Outfall
Fl.Y.5s
Diffusers
No. 7 Middle
VQ(6)+LFl.10s
Obstn.
Wk
S9 Fl.G. 1.5s
S7 Fl.G. 1.5s
S6 Fl.G. 1.5s
S5 Fl.G. 1.5s
S4 Fl.G. 1.5s
P9 Fl.R. 1.5s
P8 Fl.R. 1.5s
P7 Fl.R. 1.5s
P6 Fl.R. 1.5s
P5 Fl.R. 1.5s
P4 Fl.R. 1.5s
Dumped 2m Ash Screened Spoil
Dumped 2m Ash Screened Spoil

Immingham outer harbour\M.S.D.A.\MSDA xxxxxxx

WGS 84 POSITIONS can be plotted directly on this chart