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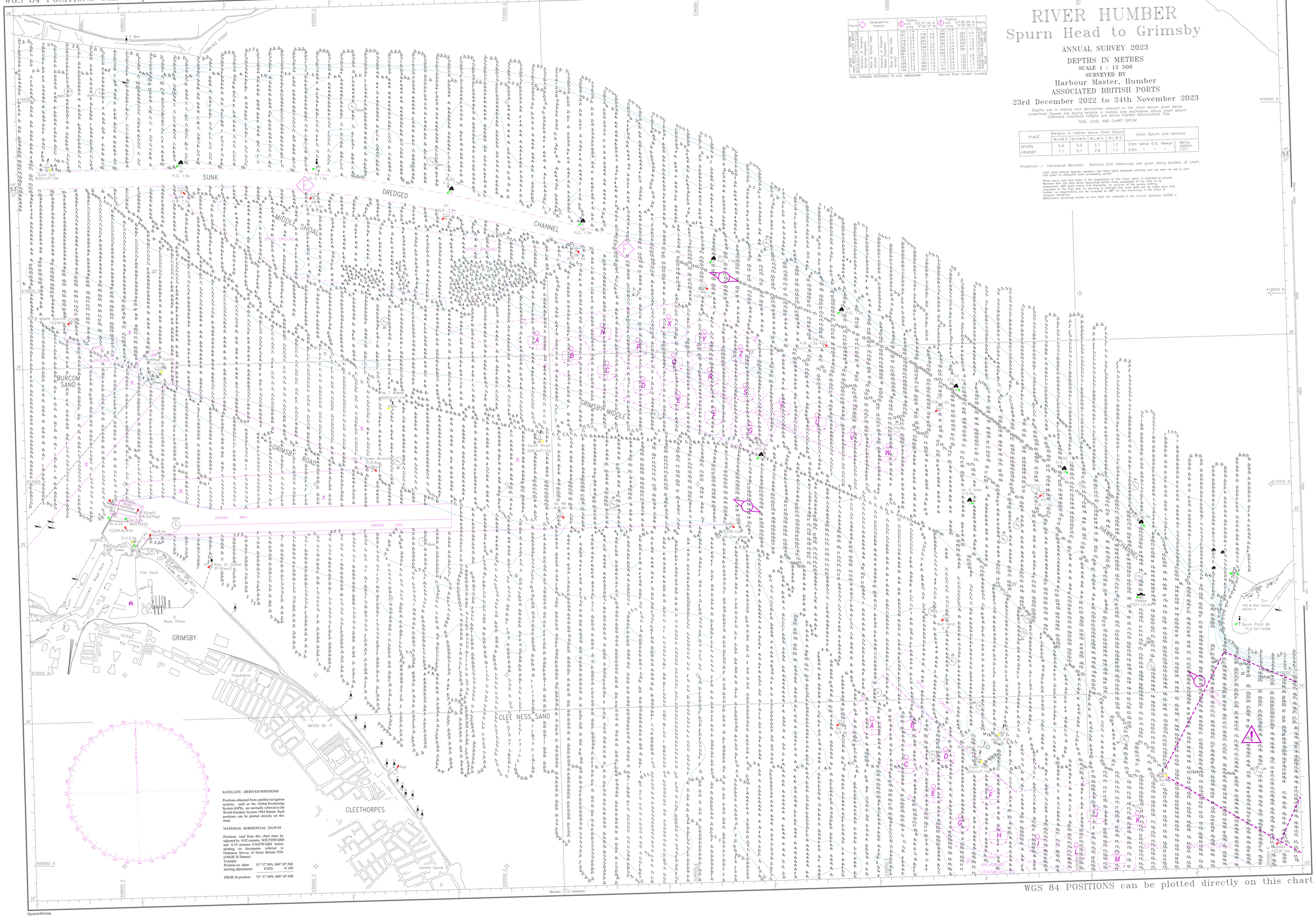
WGS 84 POSITIONS can be plotted directly on this chart



Hours	Geographical Position	Position Lat. 53°37.00' N Long. 0°02.27' W	Position Lat. 53°36.59' N Long. 0°00.95' E	Hours
		100 1.4 -	100 0.9 -	
		281 1.2 318 0.6	288 1.1 283 0.4	
		277 2.6 284 0.8	296 2.1 291 1.3	
		278 3.5 265 1.1	297 3.1 295 1.5	
		278 4.4 248 1.1	304 3.0 300 1.8	
		282 5.2 248 0.2	313 2.9 291 1.4	
		281 1.1 127 0.2	345 0.8 281 0.5	H.W.
		081 0.4 112 0.6	090 0.9 -	
		097 2.0 107 1.5	116 2.2 132 0.8	
		102 3.0 107 1.5	115 3.0 129 1.2	
		099 3.1 099 2.0	112 2.3 120 1.7	
		094 3.4 096 1.2	100 0.9 125 1.7	
		106 1.6 097		

TIDAL STREAMS REFERRED TO H.W. IMMINGHAM

(Normal River Current included)

RIVER HUMBER
Spurn Head to Grimsby

ANNUAL SURVEY 2023

DEPTHS IN METRES

SCALE 1 : 12 500

SURVEYED BY

Harbour Master, Humber

ASSOCIATED BRITISH PORTS

23rd December 2022 to 24th 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
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.	
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 " " "

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

Light stars without legends represent two fixed lights displayed vertically and are seen as red to port and green to starboard when proceeding upriver.

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 shifting nature of the river bed, no warranty is offered 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. standards CATZOC C

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° 37.50N,	000° 05.50E
lat/long adjustments	0'.02S	0'.10E
OSGB 36 position	53° 37.48N,	000° 05.60E

WGS 84 POSITIONS can be plotted directly on this chart

Spurn2Grim