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WGS 84 POSITIONS can be plotted directly on this chart

RIVER HUMBER
HESSLE SAND

DEPTHS IN METRES

SCALE 1 : 10000

SURVEYED BY

Harbour Master, Humber

ASSOCIATED BRITISH PORTS

5th October 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 LEVELS AND CHART DATUM

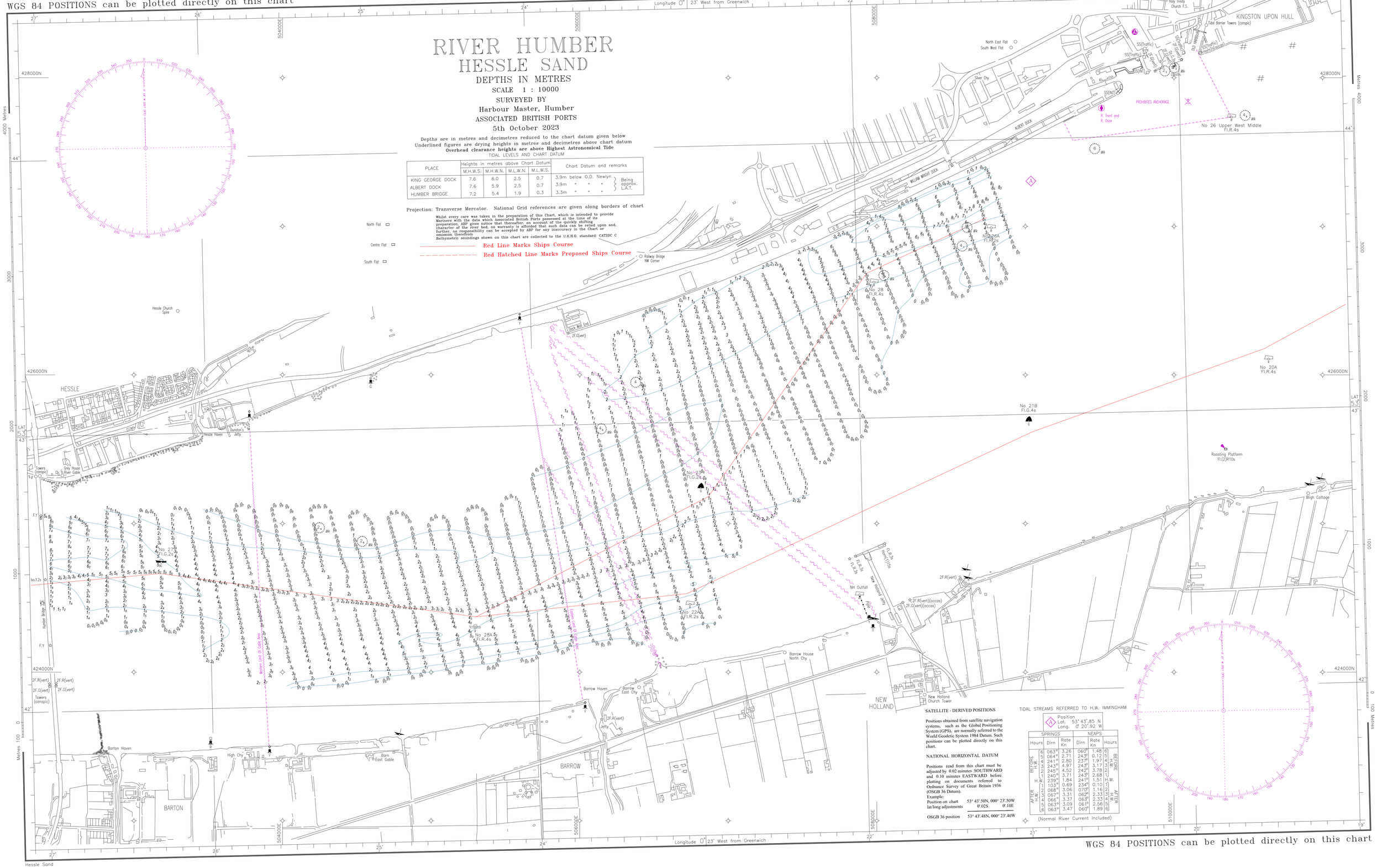
PLACE	Heights in metres above Chart Datum				Chart Datum and remarks
	M.H.W.S.	M.H.W.N.	M.L.W.N.	M.L.W.S.	
KING GEORGE DOCK	7.6	6.0	2.5	0.7	3.9m below O.D. Newlyn } Being approx. L.A.T.
ALBERT DOCK	7.6	5.9	2.5	0.7	3.9m " " "
HUMBER BRIDGE	7.2	5.4	1.9	0.3	3.3m " " "

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 compilation, 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

Red Line Marks Ships Course

Red Hatched Line Marks Proposed Ships Course



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° 43'.50N,	000° 23'.50W
lat/long adjustments	0'.02S	0'.10E
OSGB 36 position	53° 43'.48N,	000° 23'.40W

TIDAL STREAMS REFERRED TO H.W. IMMINGHAM

Position
Lat. 53° 43'.85 N
Long. 0° 20'.92 W

	Hours	SPRINGS Dirn	SPRINGS Rate Kn	NEAPS Dirn	NEAPS Rate Kn	Hours	
BEFORE H.W.	6	063°	3.26	060°	1.48	6	BEFORE H.W.
	5	064°	2.71	24.5°	0.12	5	
	4	241°	2.80	237°	1.97	4	
	3	243°	4.97	24.5°	3.17	3	
	2	245°	4.52	242°	3.78	2	
	1	240°	3.71	24.3°	2.68	1	
H.W.		239°	1.84	241°	1.51	H.W.	
AFTER H.W.	1	103°	0.69	234°	0.10	1	AFTER H.W.
	2	068°	3.06	070°	1.16	2	
	3	067°	3.31	062°	2.33	3	
	4	066°	3.37	06.3°	2.33	4	
	5	063°	3.09	061°	2.56	5	
	6	063°	3.47	060°	1.89	6	

(Normal River Current Included)

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