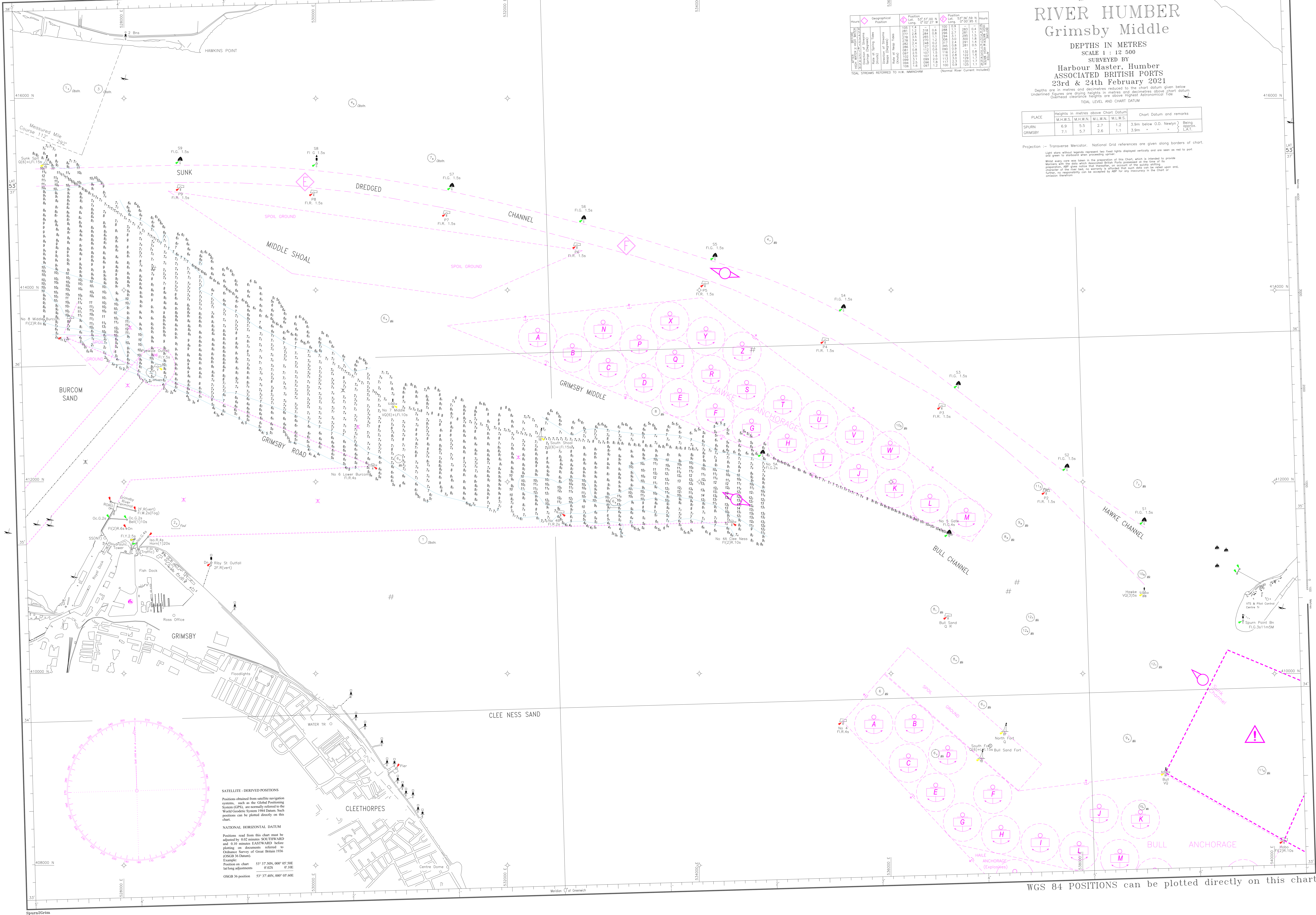


WGS 84 POSITIONS can be plotted directly on this chart



RIVER HUMBER Grimsby Middle

DEPTHS IN METRES
SCALE 1 : 12 500

SURVEYED BY
Harbour Master, Humber
ASSOCIATED BRITISH PORTS
23rd & 24th February 2021

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

PLACE	Heights in metres above Chart Datum	Chart Datum and remarks
SPURN	6.9 5.5 2.7 1.2	3.9m below O.D. Newlyn } Being topped
GRIMSBY	7.1 5.7 2.6 1.1	3.9m below O.D. Newlyn } Being topped

Projection :- Transverse Mercator. National Grid references are given along borders of chart.
Light shown without special remarks has been displayed correctly and are seen as red to port and green to starboard when proceeding upriver.
What every one was taken in the preparation of this Chart, which is intended to provide the mariner with the most accurate representation of the state of the river at the time of its preparation, the Admiralty does not warrant its accuracy, or in consequence of the liability of the river bed, no warranty is afforded that such data can be relied upon and further, no responsibility can be accepted by HM for any inaccuracy in the Chart or omission therefrom

Hour	Geographical Position	Position along	Position along	Hour
01	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	01
02	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	02
03	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	03
04	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	04
05	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	05
06	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	06
07	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	07
08	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	08
09	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	09
10	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	10
11	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	11
12	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	12
13	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	13
14	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	14
15	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	15
16	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	16
17	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	17
18	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	18
19	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	19
20	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	20
21	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	21
22	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	22
23	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	23
24	54° 52' 00" N	07° 02' 27" W	07° 02' 27" W	24

TOTAL STREAMS REFERRED TO H.W. MARKS (Normal River Current Included)

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 1956 (OSGB 36 Datum).
Example:
Position on chart 53° 37' 50N, 007° 02' 00E
In/long adjustments 0° 02N
OSGB 36 position 53° 37' 48N, 007° 02' 00E

WGS 84 POSITIONS can be plotted directly on this chart