WGS 84 POSITIONS can be plotted directly on this chart

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RIVER HUMBER
SKITTER CHANNEL

DEPTHS IN METRES

SCALE 1 : 10000

SURVEYED BY

Harbour Master, Humber

ASSOCIATED BRITISH PORTS

Surveyed 18th and 25th July 2018

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 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	7.0	5.9	2.5	0.7	3.9m below O.D. Newlyn
ALBERT DOCK	7.6	5.9	2.5	0.7	3.9m " " " "
HUMBER BRIDGE	7.2	5.4	1.9	0.3	3.5m " " " "

Chart Datum is 2.0 metres below Ordnance Datum (Newlyn) (Being Approx. L.W.O.S.T.)

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

1. Light dues without legend, expressed in feet, have distance vertically and are seen on and to port unless otherwise specified. Distances are in nautical miles.

2. Use positions (which are horizontal datum) are under high pressure. Use this drawing for land marks only. Use the Admiralty Publication NP 159 for navigation. Use Admiralty Publication NP 159 for navigation.

Every care has been taken in the preparation of this Chart, which is intended to provide accurate information for navigation. Mariners are reminded that it is their duty to navigate in accordance with the laws which concerned Mariners. Information on the general working conditions of the port is provided for guidance only. Mariners should satisfy themselves as to the suitability of any port facility they intend to use. Information on port facilities is provided in good faith but neither the Harbour Authority nor the Hydrographer can be responsible or liable for any inaccuracies in the Chart or changes thereafter.

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as the Global Positioning System, are based on World Geodetic System 1984 (WGS 84) datum. Positions derived from other sources may be plotted directly on this chart.

NATIONAL HORIZONTAL DATUM

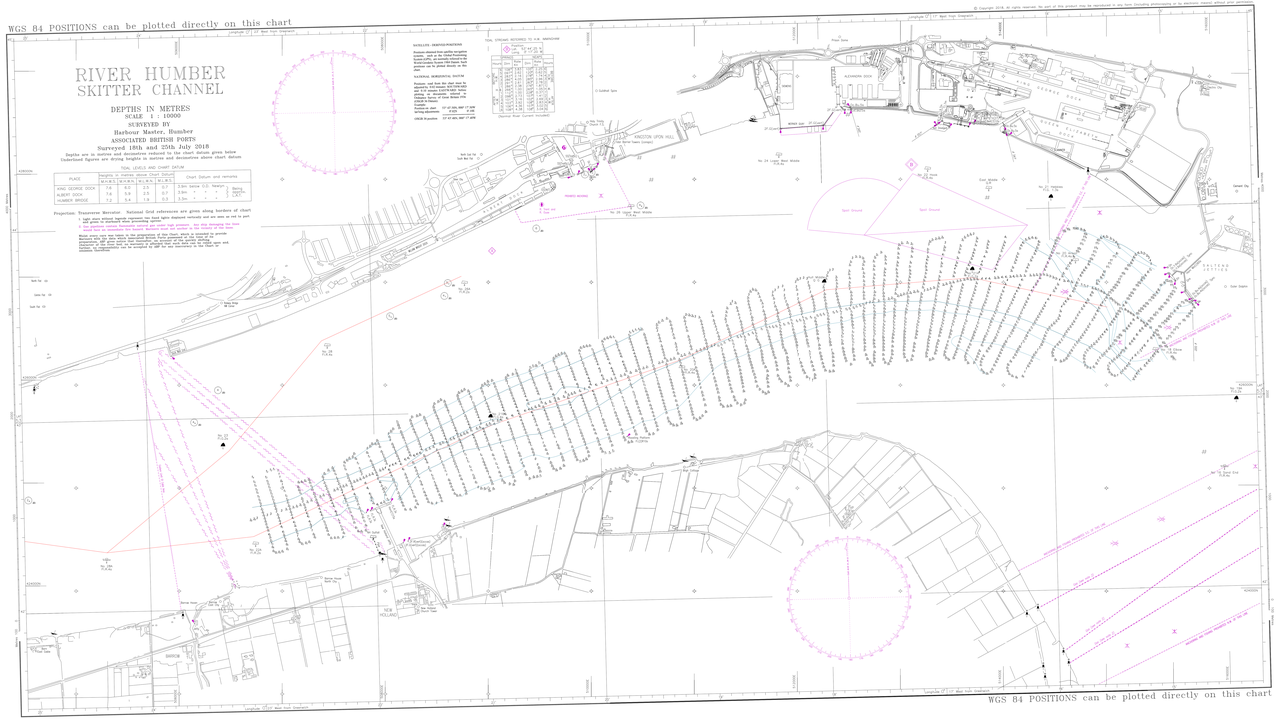
Primary control for the chart lies in the National Grid network. NATIONAL GRID TRANSVERSE MERCATOR PROJECTION. Positions on charts referred to Ordnance Survey of Great Britain 1936 Datum.

Transformation parameters:
Positive on chart 137.47 OSGB 1936 - 137.00 WGS 84 = 0.47 metres
Spring adjustment 137.47 OSGB 1936 - 137.07 WGS 84 = 0.40

TIDAL STREAMS ACCORDING TO A.M. BARCOCHE

Chart Datum					
Hours after HW Sheerness	Spring Rate Kts	Spring Direction	Neap Rate Kts	Neap Direction
-6	0.5	245	0.3	245
-5	1.0	245	0.6	245
-4	1.5	245	0.9	245
-3	2.0	245	1.2	245
-2	2.5	245	1.5	245
-1	2.0	245	1.2	245
HW	1.0	245	0.6	245
+1	1.0	065	0.6	065
+2	2.0	065	1.2	065
+3	2.5	065	1.5	065
+4	1.5	065	0.9	065
+5	0.5	065	0.3	065
+6	0.5	245	0.3	245

(Channel River Current Overview)


Length 17.1 (17 Mpa high Compacted)
KING GEORGE DOCK
ALBERT DOCK
HUMBER DOCK
KINGSTON UPON HULL
Spoil Ground
Spoil Ground
Spoil Ground
SKITTER CHANNEL
HUMBER BRIDGE
HOLLAND
BARTON
Barton Pier
Barton Ferry Terminal
Barton Ferry Slipway
Barton Ferry Pier
Barton Ferry Slipway
Barton Ferry Pier
Barton Ferry Slipway
Barton Ferry Pier