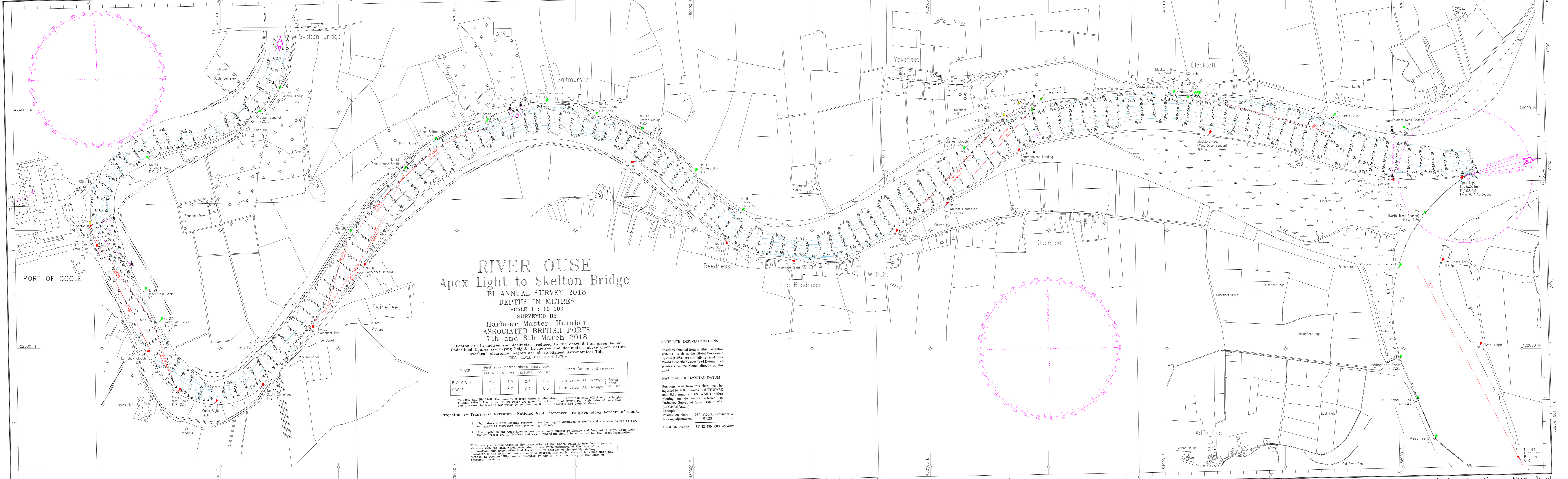


WGS 84 POSITIONS can be plotted directly on this chart



# RIVER OUSE

## Apex Light to Skelton Bridge

### BI-ANNUAL SURVEY 2018

### DEPTHS IN METRES

### SCALE 1 : 10 000

SURVEYED BY  
**Harbour Master, Humber  
 ASSOCIATED BRITISH PORTS**  
 7th and 8th March 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  
 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.	
BLACKTOFT	5.7	4.0	0.4	-0.2	1.5m below O.D. Newlyn being approx. M.L.W.S.
GOOLE	5.7	3.7	0.7	0.3	1.4m below O.D. Newlyn

At Goole and Blacktoft, the amount of fresh water coming down the river has little effect on the heights of high water. The tides for low water are given for a low rate of river flow. High rates of river flow can increase the level of low water by as much as 0.2m at Blacktoft and 0.8m at Goole.

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

- Light staves without legends represent two fixed lights displayed vertically and are seen as red to port and green to starboard when proceeding upriver.
- The depths in the Ouse reaches are particularly subject to change and frequent surveys. Goole Dock Master, Vessel Traffic Services and www.humber.com should be consulted for the latest information.

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 changing character of the river beds, 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.

#### 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 1936 (OSGB 36 Datum).

Example:  
 Position on chart  
 lat/long adjustments  
 OSGB 36 position

53° 42' 50N, 000° 46' 50W  
 0° 02S 0° 10E  
 53° 42' 48N, 000° 46' 40W

WGS 84 POSITIONS can be plotted directly on this chart