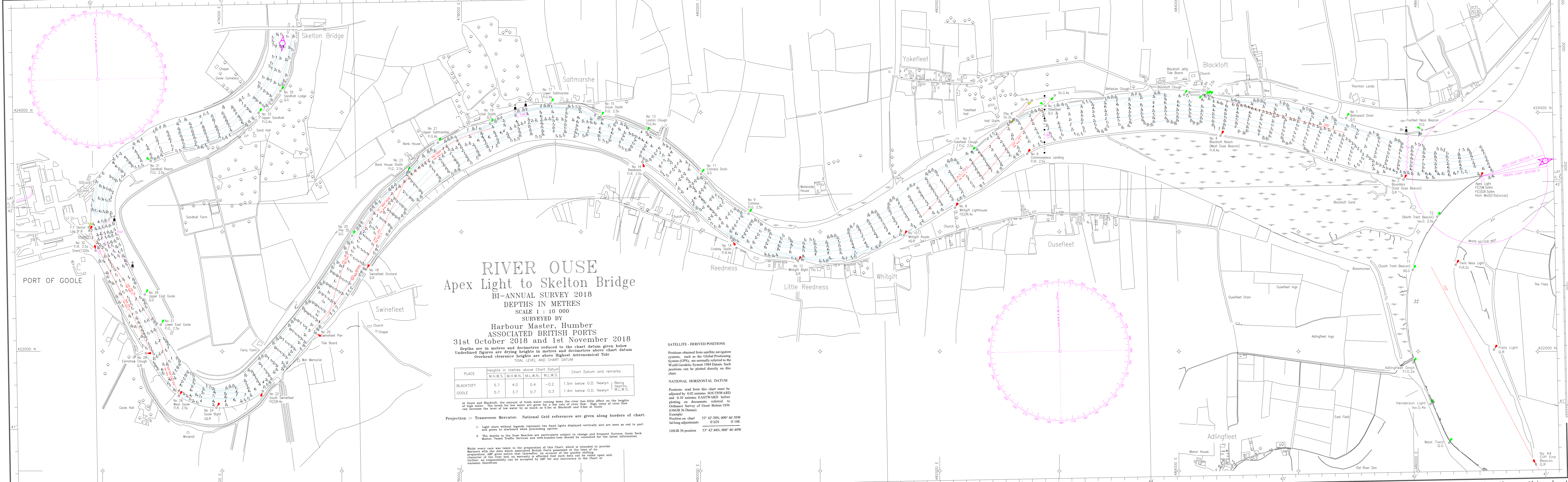


WGS 84 POSITIONS can be plotted directly on this chart



# 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

31st October 2018 and 1st November 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.L.W.N.	M.L.W.S.	
BLACKTOFT	5.7	4.0	0.4	1.5m below O.D. Newlyn } Being approx. M.L.W.S.
GOOLE	5.7	3.7	0.7	1.4m below O.D. Newlyn } M.L.W.S.

At Goole and Blacktoft, the amount of fresh water coming down the river has little effect on the height of high water. The levels 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 0.3m at Blacktoft and 0.8m at Goole.

- Projection :- Transverse Mercator. National Grid references are given along borders of chart.
- Light stars without legends represent two faced 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 constituted British Ports possessed at the time of its preparation, the Government does not, on account of the quick shifting character of the Ouse, warrant or affirm that such data can be relied upon and, further, no responsibility can be accepted by AMP 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 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° 42' 50N, 000° 46' 50W  
lat/long adjustments 0.02S 0.10E  
OSGB 36 position 53° 42' 48N, 000° 46' 40W

WGS 84 POSITIONS can be plotted directly on this chart