



**AECOM**

**PROJECT**  
 Immingham Green Energy Terminal

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**LEGEND**

Site Boundary

Annual Number of Vessel Intersects within a 100m x 100m grid

September 2021 to August 2022

Highest

Lowest

CHART SERIES  
 ENGLAND – EAST COAST

# RIVER HUMBER SPURN HEAD TO IMMINGHAM

DEPTHS IN METRES  
 SCALE 1: 25 000

Depths are in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide. Heights are in metres. Underlined figures are drying heights above Chart Datum. Vertical clearance heights are above Highest Astronomical Tide. All other heights are above Mean High Water Springs.

**POSITIONS** are referred to the WGS84 compatible datum, European Terrestrial Reference System 1989 Datum.

**NAVIGATIONAL MARKS:** IALA Maritime Buoyage System – Region A (Red to port).

**PROJECTION:** Transverse Mercator.

**SOURCES:** See Source Diagram. See The Mariner's Handbook for information on Source and Zones of Confidence (ZOCs) Diagrams. The topography is derived chiefly from Ordnance Survey maps and aerial photography.

**EDDIES**  
 Eddies, which may be hazardous to small craft, may be encountered in an area between the inshore waters on the western side of Spurn Head to southward of The Banks (53° 52' N 010° 06' W).

**OVERHEAD CABLES**  
 Overhead cables may conduct high voltage; contact with or proximity to these poses extreme danger. Sufficient clearance must be allowed.

**SUNK DREDGED CHANNEL – DEPTHS**  
 (53° 36' 05N 010° 46W)  
 Sunk Channel is being dredged continuously. The latest available depth will be announced by VTS Humber in their regular river broadcasts. Mariners requiring immediate information about depths in the Channel should contact VTS Humber.

**LIGHTS**  
 Light stars without legends represent two fixed lights displayed vertically.

**CHANGING DEPTHS**  
 The channels and depths shown in this area are subject to frequent change. The buoyage and other aids to navigation are adjusted accordingly. The most frequent changes are within Foul Holme Channel (53° 36' 05N, 011° 50W approx). For the latest available depth information, including alongside berths in the river and in the entrances to Grimsby and Immingham Docks, the Harbour Master, Humber, should be consulted.

**DEEP DRAUGHT VESSELS**  
 Mariners are advised that on occasions it will be necessary for departing deep draught vessels to navigate against the traffic flow in that part of the Traffic Separation Scheme between Spurn Head and the Spurn Light Boat. Vessels should exercise caution in this area. For details, see ADMIRALTY List of Radio Signals and ADMIRALTY Sailing Directions.

**ENTRIES RESTRICTED**  
 (53° 32' 36N 010° 75E)  
 The Toney Mouthway is for use by large tankers. Access is restricted to authorized vessels only.

**AUTOMATIC IDENTIFICATION SYSTEMS**  
 AIS transmitters on aids to navigation are not shown on this chart. VASIS will be shown. For details, see ADMIRALTY List of Radio Signals.

**SUBMARINE CABLES AND PIPELINES**  
 Mariners should not anchor, trawl or engage in seabed operations in the vicinity of submarine cables and pipelines. Submarine cables support national infrastructure; damage to them may affect critical services and can result in serious consequences, as well as creating a potential hazard to mariners. Willful or negligent damage to a cable may result in legal action. Pipelines are not always buried and their presence may significantly reduce the channel depth. They may also span seabed undulations and cause fishing gear to become irretrievably snagged, putting a vessel in severe danger.

**GRIMSBY APPROACH ANCHORING PROHIBITED**  
 Unless compelled by an emergency, anchoring is prohibited in the fairway to and from Grimsby Docks and in the fairway north-eastward of a line joining Lower Boreon No 4 Light (East) (53° 13' 39N, 010° 11W) and 53° 16' 26N 010° 56W.

**VESSEL REPORTING**  
 For details of the Humber Vessel Traffic Service, see ADMIRALTY List of Radio Signals.

**NOTES**  
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**ISSUE PURPOSE**  
 Environmental Statement

**PROJECT NUMBER**  
 60673509

**DEVELOPMENT CONSENT ORDER NO**  
 TR030008

**FIGURE TITLE**  
 AIS Vessel Density (12 Months)

**FIGURE NUMBER**  
 Figure 12.5

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