



SHORELINE SURVEYS LTD
 Hydrographic — Geophysical — Topographic

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TITLE: Approaches to Terminals 3 & 5 (Area B5X)

CLIENT: Stena Line Ports Limited

PROJECT: July 2023 Annual Survey

Project No: J2235 Scale: Date: Drawn by: PL MF
 Drawing No: 09 1:1000 Jul 2023 Checked by: TC

NOTES/REVISIONS:
 Contours are only indicative of bed topography and should be treated as such.
 Shore data is client supplied.

DO NOT SCALE

Stena Line

BATHYMETRIC SURVEY - MULTIBEAM AND SINGLE BEAM

Coordinated in OSGB36 using OS1515.
 Depths below Chart Datum (CD) in metres.
 CD taken as 3.05 metres below Ordnance Datum Newlyn (ODN).
 RTK GNSS, tidal and IMU data post-processed using PostPAC MMS.
 Soundings sorted at 4 metre intervals using IHO rounding rules.
 Contours at 1 metre intervals.
 Survey coverage is not 100%.
 Bed mounted obstructions are not certainly detected.
 Soundings in red are above dredge depth of 8.0 metres.
 Historical soundings shown in grey.

— Dredge extents

MBSSS - SIDE SCAN SONAR SURVEY

Dimensions are approximate.

Sub-seabed obstructions are not detected.

Side scan sonar survey line spacing: Various
 Multibeam side scan sonar operated at 400 kHz, various ranges.
 Object with ID number (top) & height relative to seabed.
 (see target list for more information J2235 targets.pdf).