



SHORELINE SURVEYS LTD
 Hydrographic — Geophysical — Topographic

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TITLE: Outer Harbour North — Area 6

CLIENT: Stena Line Ports Limited

PROJECT: July 2022 Annual Survey

Project No: J20951 **Scale:** Date: Drawn by: PL
 1:2500 July 2022 Checked by: EF

NOTES/REVISIONS:
 Contours are not to be used for navigation purposes.
 Shore data is best available.

Stena Line

BATHYMETRIC SURVEY - MULTIBEAM AND SINGLE BEAM
 Conducted in OSM88 using OSM15.
 Depth below Chart Datum (CD) in metres.
 CD taken as 3.05 metres below Ordnance Datum Newlyn (ODN).
 RIM ONS, 1600 and 1400 data post-processed using Pappik GMS.
 Soundings sorted at 10 metre intervals using IHO rounding rules.
 Contours at 1 metre intervals.
 Survey coverage is not 100%.
 Bad mounted obstructions are not certified detected.
 Soundings in red are above dredge depth of 8.0 metres

SIDE SCAN SONAR SURVEY (SEE NOTE ->)
 Dimensions are approximate.
 Side-scan obstructions are not detected.
 Side scan sonar survey line spacing: 50 metres
 Side scan sonar depth: 325 kHz, 75 metre range, 1000 lines
 Side scan sonar speed: 1.5 knots
 Side scan sonar beam width: 120 degrees
 Side scan sonar data is not certified detected.
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