



**SHORELINE SURVEYS LTD**  
Hydrographic — Geophysical — Topographic

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TITLE: New Harbour Approaches (Area 7), New Harbour East (Area 8) & Outer Platters (Area 8a)

CLIENT: Stena Line Ports Limited

PROJECT: July 2022 Annual Survey

Project No: J2095 Scale: Date: Surveyed by: TCF,FMJ,MC  
Drawing No: 10 1:2500 Jul 2022 Drawn by: PL  
Checked by: EF

DO NOT SCALE  
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**BATHYMETRIC SURVEY - MULTIBEAM AND SINGLE BEAM**  
Coordinated in OSGB36 using OSTN15.  
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 10 metre intervals using IHO rounding rules.  
Contours at 1 metre intervals.  
Survey coverage is not 100%.  
Bed mounted obstructions are not certainly detected.  
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Multibeam side scan sonar (backscatter) has been used to interpret and identify mounted contacts within Area 4, 5, & 6 and as such all contacts have been interpreted for these locations.

**MBSSS - SIDE SCAN SONAR SURVEY**  
(SEE NOTE ->)

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.  
Please see target list for more information (J2095 Contacts.xls).

Limit of side scan sonar survey.

Side scan sonar contacts for Areas B5X on separate sheet