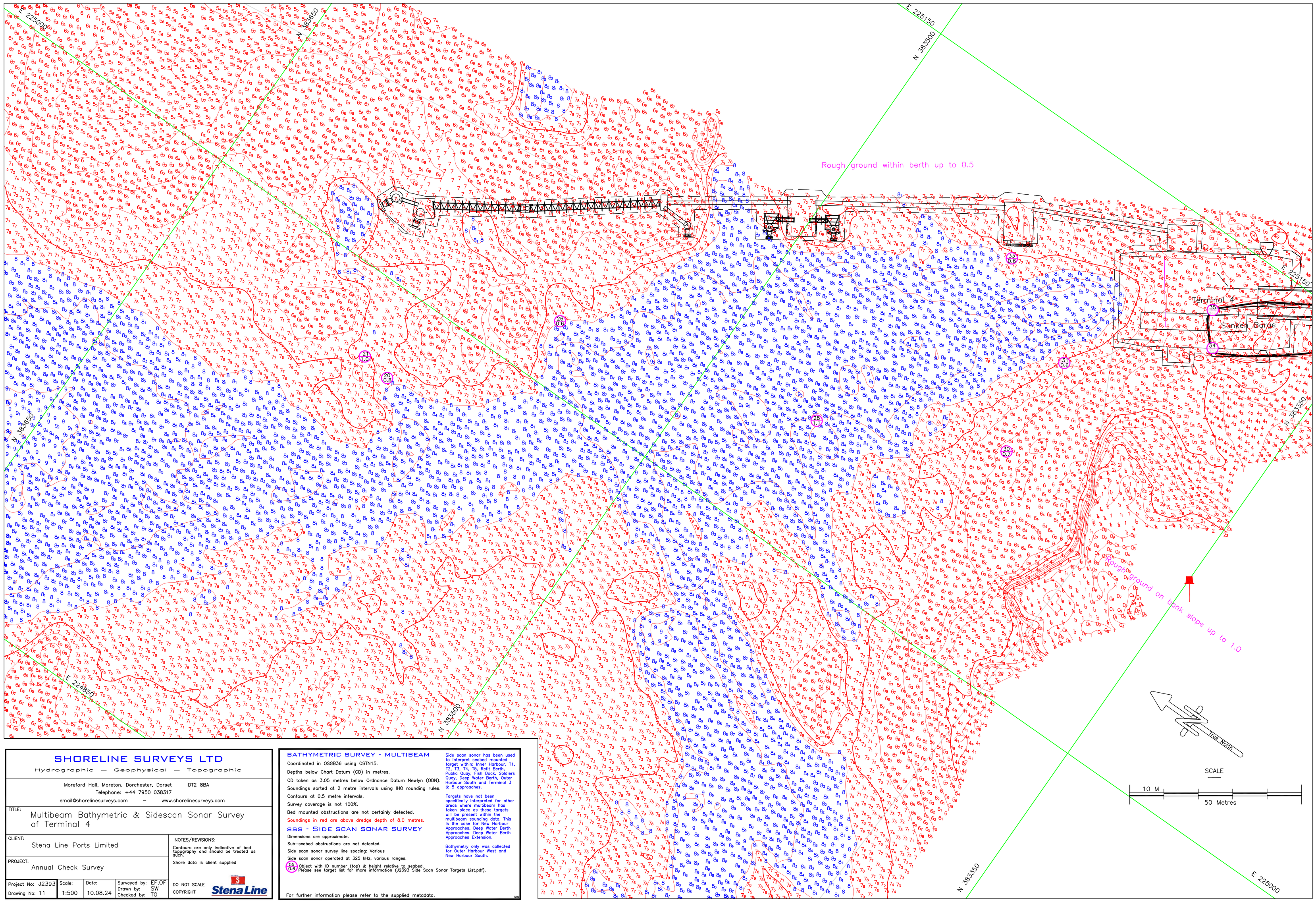

SHORELINE SURVEYS LTD

Hydrographic — Geophysical — Topographic

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TITLE: Multibeam Bathymetric & Sidescan Sonar Survey of Terminal 4

CLIENT: Stena Line Ports Limited

PROJECT: Annual Check Survey

Project No: J2393	Scale:	Date:	Surveyed by: EF,OF
Drawing No: 11	1:500	10.08.24	Drawn by: SW
			Checked by: TG

NOTES/REVISIONS:

Contours are only indicative of bed topography and should be treated as such.

Shore data is client supplied

DO NOT SCALE

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Stena Line

BATHYMETRIC SURVEY - MULTIBEAM

Coordinated in OSGB36 using OSTN15.

Depths below Chart Datum (CD) in metres.

CD taken as 3.05 metres below Ordnance Datum Newlyn (ODN).

Soundings sorted at 2 metre intervals using IHO rounding rules.

Contours at 0.5 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.

SSS - SIDE SCAN SONAR SURVEY

Dimensions are approximate.

Sub-seabed obstructions are not detected.

Side scan sonar survey line spacing: Various

Side scan sonar operated at 325 kHz, various ranges.

55 / 0.6 Object with ID number (top) & height relative to seabed.
Please see target list for more information (J2393 Side Scan Sonar Targets List.pdf).

For further information please refer to the supplied metadata.

Side scan sonar has been used to interpret seabed mounted target within: Inner Harbour, T1, T2, T3, T4, T5, Refit Berth, Public Quay, Fish Dock, Soldiers Quay, Deep Water Berth, Outer Harbour South and Terminal 3 & 5 approaches.

Targets have not been specifically interpreted for other areas where multibeam has taken place as these targets will be present within the multibeam sounding data. This is the case for New Harbour Approaches, Deep Water Berth Approaches, Deep Water Berth Approaches Extension.

Bathymetry only was collected for Outer Harbour West and New Harbour South.