



SHORELINE SURVEYS LTD
 Hydrographic — Geophysical — Topographic

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TITLE: Terminal 5

CLIENT: Stena Line Ports Limited

PRODUCT: July 2022 Annual Survey

Project No: J20951	Scale: 1:5000	Date: Jul 2022	Surveyed by: PL	Drawn by: EF	Checked by: EF
			do not scale		
			Stena Line		

BATHYMETRIC SURVEY - MULTIBEAM
 Conducted in OCS836 using OSMIS.
 Depth taken as 3.05 metres below Ordnance Datum Mean (ODM).
 RTK GNSS tidal and IMU data post-processed using PppNet LMS.
 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 cartily detected.
 (SEE NOTE ->)

MBESS - SIDE SCAN SONAR SURVEY
 (SEE NOTE ->)
 Dimensions are approximate.
 Side-scan obstructions are not detected.
 Side scan sonar survey line spacing: Various.
 Multibeam side scan sonar operated at 400 kHz, vertical range: 100m.
 Multibeam side scan sonar depth: 100m.
 Multibeam side scan sonar beam width: 120 degrees.
 Multibeam side scan sonar beam length: 100m.
 Multibeam side scan sonar beam width: 120 degrees.
 Multibeam side scan sonar beam length: 100m.

