



## **APPENDIX 10-1**

***EQUIPMENT SPECIFICATION  
AND WEATHER CONDITIONS***

Survey details

Weather	Cloud cover	0 %
	Precipitation	0 mm
	Temperature	28 °C at set up, falling to 17 °C overnight, returning to 28 °C next day
	Wind direction	SE
	Wind speed	0-2 m/s during daytime, falling to 0 m/s overnight
	WS measurement	Anemo anemometer 2 m above ground level
Field details	DB1 calibration	Station N4 20.07.21 1615 @ 39.3 mV/Pa
	DB2 calibration	Station N3 20.07.21 1530 @ 41.4 mV/Pa
	DB3 calibration	Station N1 20.07.21 1440 @ 42.0 mV/Pa
	DB4 calibration	Station N5 20.07.21 1415 @ 41.0 mV/Pa
	DB5 calibration	Station N2 20.07.21 1549 @ 42.9 mV/Pa
	Acoustic field	Free field
	Microphone height	1.2 m above ground level
	Standard	ISO 1996 (2016 & 2017)
Instruments	Survey operator	Damian Brosnan BSc MSc MIOA MIEI
	Calibrator	Bruel & Kjaer Type 4231 Serial 2342544 Verification 13.05.21
	SLM DB1	NTi Audio XL2 Serial A2A-13658-E0 Microphone A14735 Pre-amp 7066 Verification 13.05.21
	SLM DB2	NTi Audio XL2 Serial A2A-14337-E0 Microphone A14972 Pre-amp 7266 Verification 13.05.21
	SLM DB3	NTi Audio XL2 Serial A2A-15392-E0 Microphone A16340 Pre-amp 7956 Verification 13.05.21
	SLM DB4	NTi Audio XL2 Serial A2A-15429-E0 Microphone A16329 Pre-amp 7945 Verification 14.02.20
	SLM DB5	NTi Audio XL2 Serial A2A-17932-E0 Microphone A18747 Pre-amp 9220 Verification 24.07.20
	Certificates	Available on request