



DCO Submission

Environmental Statement

**Chapter 5:** Noise and Vibration  
**Appendix 5.4:** Summary Of Noise and Vibration Survey  
Monitoring Equipment

Document 6.5D

On behalf of  
**Oxfordshire Railfreight Limited**

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# **Appendix 5.4**

## **Noise and Vibration Survey Monitoring Equipment**

## Appendix 5.4 Noise and Vibration Survey Monitoring Equipment

**Table 1: Monitoring equipment used at unattended noise survey locations**

Survey Location	Date of Survey	Class 1 Sound Level Meter Details	Serial Number	Class 1 Field Calibrator type and Serial Number
N1	11/03/2025 – 01/04/2025	Rion NL-53	00741228	Larson Davis Cal 200 11097
N2	24/03/2025 – 08/04/2025	Larson Davis LxT	3815	Larson Davis Cal 200 11099
N3	24/03/2025 – 01/04/2025	Rion NL-53	01130790	Larson Davis Cal 200 11099
N4	11/03/2025 – 01/04/2025	Rion NL-53	1130788	Larson Davis Cal 200 11099
N5	11/03/2025 – 01/04/2025	Rion NL-53	00741227	Larson Davis Cal 200 11097
N6	11/03/2025 – 01/04/2025	Rion NL-53	1130792	Larson Davis Cal 200 11099
N7	11/03/2025 – 01/04/2025	Larson Davis LxT	3326	Larson Davis Cal 200 11099
N8	11/03/2025 – 24/03/2025	Larson Davis LxT	3318	Larson Davis Cal 200 11099
N9	11/03/2025 – 01/04/2025	Larson Davis LxT	3813	Larson Davis Cal 200 11099
N10	11/03/2025 – 01/04/2025	Larson Davis LxT	7083	Larson Davis Cal 200 11099
N11	11/03/2025 – 01/04/2025	Larson Davis LxT	3316	Larson Davis Cal 200 11099
N12	11/03/2025 – 01/04/2025	Larson Davis LxT	3317	Larson Davis Cal 200 11099
N13	11/03/2025 – 01/04/2025	Rion NL-53	00741226	Larson Davis Cal 200 11099
N14	11/03/2025 – 24/03/2025	Larson Davis LxT	7080	Larson Davis Cal 200 11099

**Note:** at the time of the monitoring, all sound levels meters had undergone periodic laboratory verification within the last 2 years, and all acoustic field calibrators within the last 1 year

**Table 2: Monitoring equipment used at attended noise survey locations**

Survey Location	Date of Survey	Class 1 Sound Level Meter Details	Serial Number	Class 1 Field Calibrator type and Serial Number
S1	12/03/2025	Rion NL-53	01130790	Larson Davis Cal 200 11097
S2	24/03/2025	Larson Davis LxT	5600	Larson Davis Cal 200 11097
S3	24/03/2025	Larson Davis LxT	7082	Larson Davis Cal 200 11097
S4	24/03/2025	Larson Davis LxT	5600	Larson Davis Cal 200 11097
S5	24/03/2025	Larson Davis LxT	7082	Larson Davis Cal 200 11097
S6	24/03/2025	Larson Davis LxT	7082	Larson Davis Cal 200 11097
S7	24/03/2025	Larson Davis LxT	5600	Larson Davis Cal 200 11099
S8	12/03/2025	Larson Davis LxT	5600	Larson Davis Cal 200 11099
S9	01/04/2025	Larson Davis LxT	5600	Larson Davis Cal 200 11097

**Note:** at the time of the monitoring, all sound levels meters had undergone periodic laboratory verification within the last 2 years, and all acoustic field calibrators within the last 1 year

## Appendix 5.4 Noise and Vibration Survey Monitoring Equipment

**Table 3: Monitoring equipment used at attended vibration survey locations**

<b>Survey Location</b>	<b>Date of Survey</b>	<b>Vibration Monitor Details</b>	<b>Serial Number</b>
V1	12 – 13/03/2025	Rion VM-56	00680053
V2	12 – 13/03/2025	Rion VM-56	00680057

**Table 4: Weather monitor used for noise survey**

<b>Survey Location</b>	<b>Date of Survey</b>	<b>Weather Monitor Details</b>	<b>Serial Number</b>
In proximity to N9	11/03/2025 – 24/03/2025	Davis Vantage Vue Weather Station	6351UK