

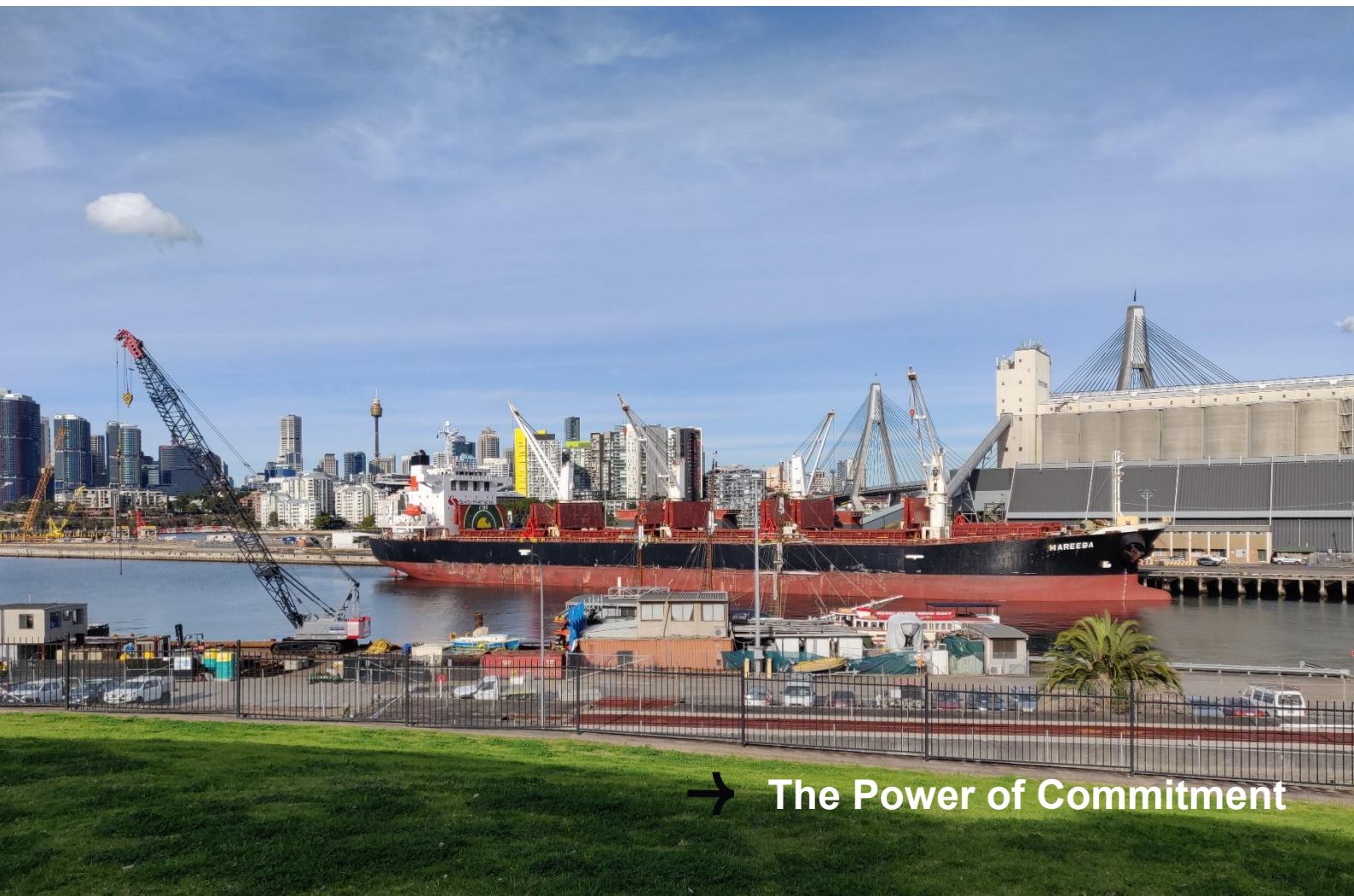


Monthly compliance noise monitoring report

Glebe Island / White Bay

Port Authority of New South Wales

May 2026



→ The Power of Commitment

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1. Introduction

GHD Pty Ltd (GHD) has been engaged by Port Authority of New South Wales (Port Authority) to undertake compliance noise monitoring, as required by the Port Noise Policy (Port Authority, 2020).

This report provides the details of the compliance noise monitoring for all vessels at berth during May 2026, as determined using the noise monitoring system. A detailed description of the permanent noise monitoring system including a map of monitoring locations is provided in the Noise Monitoring Plan (GHD, 2022).

2. Noise monitoring details and vessel schedule

Client	Company details	Noise monitor name	Noise monitor location	Noise monitor details / settings	Noise monitor serial numbers	Monthly calibration variance
Port Authority of New South Wales	GHD Pty Ltd	L01	Grafton Street, Balmain	Meter details Norsonic Nor145 Sound Level Meter with Nor1297 Noise Compass	14529642	Initial calibration level 94.4 dBA Min. deviation = 0.0 dB Max. deviation = 0.1 dB
	Member of the Association of Australasian Acoustical Consultants (AAAC)	L02	Maintenance Building on White Bay		14529645	Initial calibration level 91.3 dBA Min. deviation = 0.0 dB Max. deviation = 0.1 dB
	Lead staff are Members of the Australian Acoustical Society (AAS)	L03	Adjacent to White Bay 2	Meter settings A-weighted Fast time response 15 minute intervals	14529644	Initial calibration level 92.9 dBA Min. deviation = -0.1 dB Max. deviation = 0.1 dB
	L04	Onsite at Glebe Island	14529646		Initial calibration level 92.2 dBA Min. deviation = -0.4 dB Max. deviation = 0.0 dB	
Vessel name	Arrival date and time		Departure date and time		Berth location	Applicable noise monitoring location/s
Bulk vessels						
Akuna	May 10, 2026 / 00:03		May 12, 2026 / 15:57		GLB8	L03
Elanora	May 20, 2026 / 22:30		May 24, 2026 / 02:00		GLB7	L03
Luga	May 24, 2026 / 07:25		May 27, 2026 / 01:21		GLB8	L03
Elanora ¹	May 27, 2026 / 12:10		May 30, 2026 / 12:09		GLB7	L03

Vessel name	Arrival date and time	Departure date and time	Berth location	Applicable noise monitoring location/s
Cruise vessels				
Nil				
Vessel name	Arrival date and time	Departure date and time	Berth location	Applicable noise monitoring location/s
Other vessels				
Sycamore	May 17, 2026 / 18:10	May 17, 2026 / 18:41	WHT4	L02
Notes:				
1) A movement of Elanora was recorded at 17:25 on 28/05/2026, but the vessel did not leave GLB7.				

2.1 Compliance summary

2.1.1 Bulk vessels / other vessels

Vessel	Dates at berth ¹	Monitor location	Vessel Noise Level, dBA (inclusive of any modifying factor penalties)			Vessel Noise Trigger Levels, dBA			Compliance ²		
			Day ³ L _{Aeq} (15 hr)	Night ⁴ L _{Aeq} (1 hr)	Night L _{Amax}	Day ³ L _{Aeq} (15 hr)	Night ⁴ L _{Aeq} (1 hr)	Night L _{Amax}	Day ³ L _{Aeq} (15 hr)	Night ⁴ L _{Aeq} (1 hr)	Night L _{Amax}
Bulk vessels											
Akuna ⁵	May 10 – May 12	L03	56	51	65	60	55	65	Yes	Yes	Yes
Elanora	May 20 – May 24	L03	57	53	58	60	55	65	Yes	Yes	Yes
Luga	May 24 – May 27	L03	55	55	65	60	55	65	Yes	Yes	Yes
Elanora	May 27 – May 30	L03	54	53	58	60	55	65	Yes	Yes	Yes
Other vessels											
Sycamore ⁶	May 17	L02	47	-	-	60	55	65	Yes	-	-

Notes:
1) Dates are presented as the calendar dates on which the vessel arrived. The detailed results sections present the dates as per the assessment period, between 7am and 7am.
2) If non-compliance is detected, a detailed investigation of the results will be undertaken and reported separately if required
3) Daytime period (7 am to 10 pm) – 15-hour logarithmic average
4) Night-time (10 pm to 7 am) – loudest 1 hour period
5) The system classifies May 9 as the period from 7:00 am on May 9 to 7:00 am on May 10. The Akuna arrived at 12:03 am on May 10 and has been incorporated into the data for May 9.
6) Sycamore was present for less than 1 hour. As such, no detailed results have been provided in Section 3.

2.1.2 Cruise vessels

There were no cruise vessels at berth during May.

3. Detailed results – bulk vessels / other vessels

3.1 Akuna (GLB8) – May 9, 2026 – May 12, 2026

3.1.1 Daily noise monitoring results

Date	Time period ¹	Monitor location	Noise descriptor	Vessel noise level dBA ²	Tonal	LFN ³	Vessel Noise Trigger Levels, dBA	Compliance
May 9, 2026	Day	L03	L _{Aeq} , 15 hour ¹	-	-	-	60	-
	Night		L _{Aeq} , 1 hour ¹	50	No	No	55	Yes
			L _{Amax}	59	-	-	65	Yes
May 10, 2026	Day	L03	L _{Aeq} , 15 hour ¹	55	Yes	Yes	60	Yes
	Night		L _{Aeq} , 1 hour ¹	46	No	Yes	55	Yes
			L _{Amax}	56	-	-	65	Yes
May 11, 2026	Day	L03	L _{Aeq} , 15 hour ¹	54	No	No	60	Yes
	Night		L _{Aeq} , 1 hour ¹	51	No	No	55	Yes
			L _{Amax}	65	-	-	65	Yes
May 12, 2026	Day	L03	L _{Aeq} , 15 hour ¹	56	Yes	No	60	Yes
	Night		L _{Aeq} , 1 hour ¹	-	-	-	55	-
			L _{Amax}	-	-	-	65	-
Notes: 1) Daytime period (7 am to 10 pm) – 15 hours Night-time period (10 pm to 7 am) – worst case 1 hour 2) Inclusive of any penalties for modifying factors 3) LFN = Low Frequency Noise								

3.2 Elanora (GLB7) – May 20, 2026 – May 23, 2026

3.2.1 Daily noise monitoring results

Date	Time period ¹	Monitor location	Noise descriptor	Vessel noise level dBA ²	Tonal	LFN ³	Vessel Noise Trigger Levels, dBA	Compliance
May 20, 2026	Day	L03	L _{Aeq} , 15 hour ¹	48	No	Yes	60	Yes
	Night		L _{Aeq} , 1 hour ¹	53	No	Yes	55	Yes
			L _{Amax}	65	-	-	65	Yes
May 21, 2026	Day	L03	L _{Aeq} , 15 hour ¹	57	No	Yes	60	Yes
	Night		L _{Aeq} , 1 hour ¹	53	No	Yes	55	Yes
			L _{Amax}	58	-	-	65	Yes
May 22, 2026	Day	L03	L _{Aeq} , 15 hour ¹	55	No	Yes	60	Yes
	Night		L _{Aeq} , 1 hour ¹	53	No	Yes	55	Yes
			L _{Amax}	62	-	-	65	Yes
May 23, 2026	Day	L03	L _{Aeq} , 15 hour ¹	52	No	Yes	60	Yes
	Night		L _{Aeq} , 1 hour ¹	44	No	Yes	55	Yes
			L _{Amax}	56	-	-	65	Yes

Notes:

1) Daytime period (7 am to 10 pm) – 15 hours

Night-time period (10 pm to 7 am) – worst case 1 hour

2) Inclusive of any penalties for modifying factors

3) LFN = Low Frequency Noise

3.3 Luga (GLB8) – May 24, 2026 – May 26, 2026

3.3.1 Daily noise monitoring results

Date	Time period ¹	Monitor location	Noise descriptor	Vessel noise level dBA ²	Tonal	LFN ³	Vessel Noise Trigger Levels, dBA	Compliance
May 24, 2026	Day	L03	L _{Aeq} , 15 hour ¹	-	-	-	60	-
	Night		L _{Aeq} , 1 hour ¹	55	No	No	55	Yes
			L _{Amax}	65	-	-	65	Yes
May 25, 2026	Day	L03	L _{Aeq} , 15 hour ¹	55	No	No	60	Yes
	Night		L _{Aeq} , 1 hour ¹	55	No	No	55	Yes
			L _{Amax}	57	-	-	65	Yes
May 26, 2026	Day	L03	L _{Aeq} , 15 hour ¹	55	No	Yes	60	Yes
	Night		L _{Aeq} , 1 hour ¹	55	No	Yes	55	Yes
			L _{Amax}	65	-	-	65	Yes
Notes: 1) Daytime period (7 am to 10 pm) – 15 hours Night-time period (10 pm to 7 am) – worst case 1 hour 2) Inclusive of any penalties for modifying factors 3) LFN = Low Frequency Noise								

3.4 Elanora (GLB7) – May 27, 2026 – May 30, 2026

3.4.1 Daily noise monitoring results

Date	Time period ¹	Monitor location	Noise descriptor	Vessel noise level dBA ²	Tonal	LFN ³	Vessel Noise Trigger Levels, dBA	Compliance
May 27, 2026	Day	L03	L _{Aeq} , 15 hour ¹	50	No	Yes	60	Yes
	Night		L _{Aeq} , 1 hour ¹	53	No	Yes	55	Yes
May 28, 2026	Day	L03	Data during this period was impacted by rain and high winds. This has been excluded.					
	Night							
May 29, 2026	Day	L03	L _{Aeq} , 15 hour ¹	54	No	Yes	60	Yes
	Night		L _{Aeq} , 1 hour ¹	50	No	Yes	55	Yes
			L _{Amax}	58	-	-	65	Yes
May 30, 2026	Day	L03	L _{Aeq} , 15 hour ¹	50	No	Yes	60	Yes
	Night		L _{Aeq} , 1 hour ¹	-	-	-	55	-
			L _{Amax}	-	-	-	65	-
Notes: 1) Daytime period (7 am to 10 pm) – 15 hours Night-time period (10 pm to 7 am) – worst case 1 hour 2) Inclusive of any penalties for modifying factors 3) LFN = Low Frequency Noise								



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