

**AeroSuperBatics  
Rendcomb Airfield  
White Way  
Cirencester  
Gloucestershire  
GL7 7DF**

*ADDITIONAL INFORMATION*

Acoustics Report 2122/R03  
2<sup>nd</sup> August 2023

To: LPC (Trull) Ltd  
Trull  
Tetbury  
Gloucestershire  
GL8 8SQ

By: Paul Smith BSc MIOA

**1. Introduction**

This acoustic report provides the additional information and clarification requested by Southdowns Environmental Consultants (SEC) with respect to our additional noise surveys and analysis documented in our report M2122/R02a dated 29/11/22 of the commercial wingwalking events operated by AeroSuperBatics at Rendcomb airfield.

**2. Response**

**SEC:** Clarification on how observation/analysis has been used to define periods with and without flight in the unattended graphs. From review of unattended graphs it would appear to show high noise levels which have not been attributed to wingwalking flanking the periods with wingwalking. Did Rendcomb Airfield provide engine on/off times or flight logs to define the flight times? And has consideration been given to remove potentially anomalous events?

**Matrix:** AeroSuperBatics provided the number of flights on each surveyed day, and additionally the approximate flight times on the 23 & 24/9/22.

During periods that the surveys were attended, the start and end times of the flights were recorded, which included taxiing and engine on times. For periods that the monitors were unattended, the survey data was analysed to identify sections of corresponding elevated noise levels at Positions 1, 3 and 4; the elevated values recorded at Position 1 informed on the total duration of the flight.

The number of identified flights (observed and determined from analysis of the noise data) matched the number of flights provided by AeroSuperBatics.

The noise levels recorded at Positions 1, 3 and 4 during the wingwalking flights will have also included the contribution of non-wingwalking noise sources; due to the irregular occurrence of these noise events it is not

possible to remove the contribution of these other noise events from the survey data.

The elevated noise levels recorded outside of the flight periods will have been due to various other noise sources such as passing vehicles or non-wingwalking over-flights.

**SEC:** Please kindly provide the tabulated 1-minute data used to produce the unattended graphs

**Matrix:** Tables 1 – 6 provide the consecutive 1-minute noise data obtained at measurement Positions 1, 3 and 4. The periods of identified wingwalking flights (either from observation or analysis of the noise data) are presented in red.

**SEC:** Please provide further comment on how the residual (A) and noise levels during (B) have been calculated in Table 6?

**Matrix:** Residual A is the decibel average of all the measurements obtained during periods without wingwalking flights; noise levels B are the decibel average of all the measurements made during the identified wingwalking flights.

**SEC:** Comment on why no cumulative assessment for combined commercial and non-commercial flights? Southdowns is of the opinion a cumulative assessment is critical to understand and assess the holistic impact the airfield

**Matrix:** There were no non-wingwalking flights from the airfield during the noise survey periods; we therefore have no noise data in order to review the noise emissions generated by non-wingwalking aircraft using the airfield. However, the noise emissions generated by other aircraft over-flights were recorded and reported in our assessment.

**SEC:** Comment on why, given the contextual setting of the airfield within an AONB and the tonal nature of the noise source, that a lower assessment threshold than the DfT 51 dB,  $L_{Aeq9hr}$  wasn't considered?

**Matrix:** We consider that the lower assessment threshold is not appropriate in this case when the context that the airfield is an existing operation (i.e., aircraft noise, including take-off and landing, is to be expected) and that there are frequent other airplane/helicopter overflights in the local area, many of which are also tonal. The use of the lower threshold is therefore considered to be over onerous in this case.

**SEC:** *Given that IEMA states that even a relatively small impact could have a potentially substantive effect on tranquil, quiet areas, why this hasn't been taken into consideration or referenced?*

**Matrix:** IEMA discusses areas of tranquillity as those that have '*.. remained relatively undisturbed by noise and are prized for their recreational and amenity value for this reason*'.

Aircraft noise, be it from the permitted unregulated non-commercial flights from Rendcomb Airfield or other frequent aircraft over-flights, affects the local area. We therefore do not consider that the local area can be described as 'undisturbed by noise', and consequently does not fall within IEMA's definition of tranquil.

Table 1. Friday 23/9/22 - Positions 3 and 4 LAeq measurements (free-field)

Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position							
	3	4		3	4		3	4		3	4		3	4		3	4		3	4		3	4	3	4				
09:00			09:54			10:48			11:42			12:36	36.6	45.0	13:30	31.6	31.0	14:24	46.5	49.7	15:18	30.5	35.8	16:12	47.6	46.4	17:06	29.1	37.7
09:01			09:55			10:49			11:43			12:37	36.3	47.2	13:31	32.0	37.1	14:25	34.3	52.8	15:19	27.9	41.4	16:13	58.7	61.1	17:07	32.7	41.4
09:02			09:56			10:50			11:44			12:38	47.4	48.7	13:32	36.2	47.7	14:26	34.0	48.9	15:20	58.3	48.8	16:14	50.0	51.1	17:08	30.3	40.7
09:03			09:57			10:51			11:45	42.2	12:39	58.8	51.0	13:33	33.9	55.2	14:27	29.9	46.3	15:21	64.8	46.0	16:15	38.6	43.8	17:09	31.7	36.3	
09:04			09:58			10:52			11:46	47.1	12:40	41.9	55.3	13:34	35.4	42.1	14:28	31.4	42.9	15:22	38.7	36.4	16:16	48.5	45.5	17:10	48.5	34.3	
09:05			09:59			10:53			11:47	44.9	12:41	38.8	43.5	13:35	33.7	42.7	14:29	34.5	46.3	15:23	46.9	45.9	16:17	33.2	51.4	17:11	58.4	55.4	
09:06			10:00			10:54			11:48	45.6	12:42	34.8	45.6	13:36	55.3	46.4	14:30	35.0	45.2	15:24	41.4	51.2	16:18	33.7	39.1	17:12	48.8	48.2	
09:07			10:01			10:55			11:49	37.2	12:43	32.3	43.8	13:37	41.1	46.1	14:31	34.2	47.2	15:25	34.9	41.9	16:19	34.1	38.2	17:13	30.3	41.5	
09:08			10:02			10:56			11:50	41.8	12:44	48.1	53.8	13:38	36.1	51.5	14:32	34.6	52.1	15:26	37.1	42.3	16:20	32.4	38.4	17:14	29.9	36.2	
09:09			10:03			10:57			11:51	31.7	12:45	37.7	57.0	13:39	33.7	43.6	14:33	32.4	50.2	15:27	34.7	44.4	16:21	32.1	42.8	17:15	47.2	35.7	
09:10			10:04			10:58			11:52	41.0	12:46	33.6	41.9	13:40	30.7	47.6	14:34	30.5	46.4	15:28	43.5	50.6	16:22	32.8	46.3	17:16	34.2	47.6	
09:11			10:05			10:59			11:53	38.6	12:47	48.1	37.5	13:41	32.1	48.2	14:35	34.2	44.3	15:29	46.7	55.9	16:23	34.7	35.4	17:17	35.2	38.3	
09:12			10:06			11:00			11:54	39.0	12:48	39.9	44.1	13:42	44.5	48.4	14:36	41.5	48.1	15:30	33.9	42.0	16:24	39.0	34.4	17:18	57.2	55.2	
09:13			10:07			11:01			11:55	46.6	12:49	46.2	41.0	13:43	31.9	56.3	14:37	37.9	50.9	15:31	35.1	34.5	16:25	33.2	34.3	17:19	39.4	59.8	
09:14			10:08			11:02			11:56	43.8	12:50	44.1	47.0	13:44	47.5	48.9	14:38	47.6	47.6	15:32	36.9	38.7	16:26	33.3	48.5	17:20	32.8	30.6	
09:15			10:09			11:03			11:57	37.8	12:51	34.6	45.3	13:45	52.6	49.4	14:39	31.7	49.2	15:33	37.7	34.9	16:27	32.1	46.5	17:21	47.7	35.5	
09:16			10:10			11:04			11:58	48.3	12:52	44.8	44.1	13:46	34.5	49.9	14:40	48.4	43.9	15:34	34.8	34.8	16:28	32.0	31.3	17:22	46.5	42.8	
09:17			10:11			11:05			11:59	45.3	12:53	36.3	44.6	13:47	32.0	51.3	14:41	48.7	48.5	15:35	46.7	41.1	16:29	30.6	31.4	17:23	50.5	41.8	
09:18			10:12			11:06			12:00	48.4	12:54	37.3	41.8	13:48	49.7	50.3	14:42	35.5	48.1	15:36	32.4	43.2	16:30	30.5	32.1	17:24	54.5	57.6	
09:19			10:13			11:07			12:01	42.4	12:55	35.9	46.8	13:49	29.2	43.2	14:43	44.6	45.2	15:37	30.9	37.5	16:31	44.3	31.8	17:25	37.0	42.8	
09:20			10:14			11:08			12:02	47.0	12:56	47.6	45.6	13:50	48.7	50.0	14:44	40.4	52.3	15:38	36.5	48.8	16:32	30.4	40.9	17:26	47.7	33.8	
09:21			10:15			11:09			12:03	45.3	12:57	38.4	35.8	13:51	31.3	50.7	14:45	38.2	62.7	15:39	50.7	53.3	16:33	29.7	39.3	17:27	35.0	34.2	
09:22			10:16			11:10			12:04	51.7	12:58	38.4	51.7	13:52	45.1	51.0	14:46	61.4	53.9	15:40	37.1	48.8	16:34	47.4	40.6	17:28	36.8	33.2	
09:23			10:17			11:11			12:05	53.1	12:59	37.7	45.0	13:53	31.2	52.0	14:47	47.3	55.9	15:41	35.9	37.5	16:35	38.4	39.1	17:29	41.0	31.4	
09:24			10:18			11:12			12:06	54.0	13:00	36.3	40.3	13:54	33.6	49.8	14:48	36.6	40.5	15:42	35.6	45.8	16:36	38.5	36.5	17:30	34.7	41.7	
09:25			10:19			11:13			12:07	55.0	13:01	44.5	46.8	13:55	46.9	53.1	14:49	34.5	42.0	15:43	33.7	45.2	16:37	38.2	36.2	17:31	35.9	43.5	
09:26			10:20			11:14			12:08	56.1	13:02	35.8	42.4	13:56	32.6	54.2	14:50	48.4	44.3	15:44	33.9	45.9	16:38	36.6	42.2	17:32	35.1	33.4	
09:27			10:21			11:15			12:09	54.9	13:03	44.4	43.3	13:57	32.8	51.3	14:51	45.3	47.2	15:45	35.1	35.1	16:39	35.9	42.5	17:33	38.3	36.6	
09:28			10:22			11:16			12:10	52.0	13:04	46.7	44.9	13:58	35.7	54.0	14:52	37.5	48.6	15:46	35.0	35.7	16:40	47.3	39.0	17:34	34.7	39.0	
09:29			10:23			11:17			12:11	50.1	51.4	13:05	34.7	44.5	13:59	33.5	51.2	14:53	44.4	46.0	15:47	36.9	37.8	16:41	43.6	43.0	17:35	35.7	42.2
09:30			10:24			11:18			12:12	47.6	54.0	13:06	35.1	45.9	14:00	31.3	47.8	14:54	50.1	46.7	15:48	35.6	38.1	16:42	34.3	45.6	17:36	36.8	32.8
09:31			10:25			11:19			12:13	45.8	51.6	13:07	36.5	47.7	14:01	40.8	55.5	14:55	49.9	43.7	15:49	30.8	47.0	16:43	35.5	41.8	17:37	36.2	33.7
09:32			10:26			11:20			12:14	34.0	45.6	13:08	35.3	33.8	14:02	57.6	50.0	14:56	32.8	50.1	15:50	31.7	45.2	16:44	36.1	43.6	17:38	42.5	32.8
09:33			10:27			11:21			12:15	30.6	46.2	13:09	33.2	42.8	14:03	47.0	57.1	14:57	45.8	38.5	15:51	33.5	42.2	16:45	34.7	38.3	17:39	44.4	35.0
09:34			10:28			11:22			12:16	44.7	50.9	13:10	38.1	44.0	14:04	33.7	54.4	14:58	41.0	42.0	15:52	33.8	46.4	16:46	32.3	42.4	17:40	52.1	44.8
09:35			10:29			11:23			12:17	31.2	50.1	13:11	36.7	45.0	14:05	32.2	54.3	14:59	51.4	49.3	15:53	35.8	45.9	16:47	31.4	40.1	17:41	34.9	34.5
09:36			10:30			11:24			12:18	43.0	50.4	13:12	34.8	43.2	14:06	31.3	57.3	15:00	42.2	48.7	15:54	47.4	37.9	16:48	49.7	42.9	17:42	36.5	42.8
09:37			10:31			11:25			12:19	45.3	50.8	13:13	48.5	43.3	14:07	46.7	59.6	15:01	38.0	44.8	15:55	34.3	42.3	16:49	44.5	33.3	17:43	48.0	42.9
09:38			10:32			11:26			12:20	45.4	49.6	13:14	39.4	48.9	14:08	44.6	56.5	15:02	38.0	41.9	15:56	43.6	40.7	16:50	48.4	32.5	17:44	48.4	34.5
09:39			10:33			11:27			12:21	37.1	51.9	13:15	36.5	44.3	14:09	30.3	49.7	15:03	31.0	45.4	15:57	35.4	38.2	16:51	34.7	41.3	17:45	41.6	42.7
09:40			10:34			11:28			12:22	44.0	51.1	13:16	57.1	54.8	14:10	31.4	43.6	15:04	32.7	51.7	15:58	35.1	48.0	16:52	33.3	42.7	17:46	34.3	34.7
09:41			10:35			11:29			12:23	55.8	54.0	13:17	60.1	60.8	14:11	32.2	47.9	15:05	58.8	49.1	15:59	36.3	42.4	16:53	48.2	42.3	17:47	31.4	31.0
09:42			10:36			11:30			12:24	41.5	52.6	13:18	47.4	42.2	14:12	34.6	42.6	15:06	44.0	53.3	16:00	48.3	38.5	16:54	48.3	34.1	17:48	31.9	36.3
09:43			10:37			11:31			12:25	38.6	55.2	13:19	41.5	44.7	14:13	32.6	44.7	15:07	39.4	47.8	16:01	45.5	44.7	16:55	46.8	41.7	17:49	31.1	43.8
09:44			10:38			11:32			12:26	37.2	51.5	13:20	53.2	33.9	14:14	50.8	46.9	15:08	37.1	37.7	16:02	32.5	44.6	16:56	33.2	40.9	17:50	52.8	50.6
09:45			10:39			11:33			12:27	38.1	48.2	13:21	48.5	41.3	14:15	36.1	42.2	15:09	33.6	44.6	16:03	31.3	40.0	16:57	48.5	43.1	17:51	41.2	47.0
09:46			10:40			11:34			12:28	40.3	55.1	13:22	34.3	47.2	14:16	36.4	41.2	15:10	50.4	53.3	16:04	32.2	41.1	16:58	45.3	34.6	17:52	45.2	36.1
09:47			10:41			11:35			12:29	42.2	51.0	13:23	35.1	35.5	14:17	36.8	47.2	15:11	46.1	49.9	16:05	31.9	41.4						

Table 2. Saturday 24/9/22 - Positions 3 and 4 LAeq measurements (free-field)

Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position		Start Time	Position							
	3	4		3	4		3	4		3	4		3	4		3	4		3	4		3	4	3	4				
09:00	40.4	44.0	09:54	48.0	52.5	10:48	43.3	39.7	11:42	40.9	39.1	12:36	37.1	37.0	13:30	40.1	40.7	14:24	35.3	40.6	15:18	38.0	41.3	16:12	39.5	39.8	17:06	41.5	29.2
09:01	39.5	37.0	09:55	59.2	45.1	10:49	43.2	49.1	11:43	40.5	37.0	12:37	37.9	35.7	13:31	40.7	40.0	14:25	35.5	44.2	15:19	45.6	39.9	16:13	40.2	43.2	17:07	34.9	49.5
09:02	38.3	39.3	09:56	40.2	41.5	10:50	51.0	50.4	11:44	39.7	45.6	12:38	40.2	60.3	13:32	36.9	40.4	14:26	33.9	35.5	15:20	32.9	38.1	16:14	40.2	44.0	17:08	40.0	38.9
09:03	39.7	45.9	09:57	35.8	46.1	10:51	45.4	51.2	11:45	39.9	39.2	12:39	52.2	51.9	13:33	48.8	40.9	14:27	33.3	35.8	15:21	30.6	36.8	16:15	43.5	41.2	17:09	41.3	33.3
09:04	41.3	35.5	09:58	38.0	43.3	10:52	45.3	41.1	11:46	39.8	47.3	12:40	47.3	54.9	13:34	41.9	40.5	14:28	34.9	40.2	15:22	38.9	58.7	16:16	38.3	41.9	17:10	41.1	46.8
09:05	40.4	37.2	09:59	39.3	45.5	10:53	46.1	42.8	11:47	42.7	45.3	12:41	46.4	41.5	13:35	38.5	42.3	14:29	46.5	37.5	15:23	55.7	47.0	16:17	38.6	46.2	17:11	44.1	42.5
09:06	48.9	44.5	10:00	40.0	41.2	10:54	44.8	45.9	11:48	39.8	40.2	12:42	37.6	44.2	13:36	52.4	52.0	14:30	44.6	35.5	15:24	45.5	54.6	16:18	37.6	42.6	17:12	36.7	36.3
09:07	44.4	40.4	10:01	39.7	39.4	10:55	47.4	47.5	11:49	37.5	37.0	12:43	47.1	39.8	13:37	33.9	37.4	14:31	37.8	42.7	15:25	63.7	47.7	16:19	49.5	43.2	17:13	52.7	34.7
09:08	38.5	39.5	10:02	38.9	41.2	10:56	44.5	45.5	11:50	41.2	44.1	12:44	55.2	53.9	13:38	32.3	40.0	14:32	41.2	40.8	15:26	41.4	43.8	16:20	35.7	45.0	17:14	50.2	35.7
09:09	41.3	46.1	10:03	44.3	40.5	10:57	43.9	39.3	11:51	60.4	60.3	12:45	54.6	56.8	13:39	30.3	41.1	14:33	46.7	60.5	15:27	39.1	46.1	16:21	36.1	44.1	17:15	53.1	33.4
09:10	45.8	47.7	10:04	49.6	43.5	10:58	44.3	56.0	11:52	47.6	48.6	12:46	33.2	36.7	13:40	36.0	58.2	14:34	56.9	53.0	15:28	57.5	48.1	16:22	39.0	39.4	17:16	37.9	34.6
09:11	44.6	41.7	10:05	49.7	39.6	10:59	54.0	49.2	11:53	45.1	37.7	12:47	43.3	35.8	13:41	53.2	50.0	14:35	44.8	56.1	15:29	54.0	54.0	16:23	39.7	39.3	17:17	31.9	42.7
09:12	39.3	43.9	10:06	40.7	42.9	11:00	44.0	53.5	11:54	43.9	43.9	12:48	38.4	43.4	13:42	43.8	54.4	14:36	33.0	44.6	15:30	36.6	48.1	16:24	38.9	37.7	17:18	30.7	30.5
09:13	40.8	44.9	10:07	41.8	41.3	11:01	44.4	46.9	11:55	39.7	44.8	12:49	36.9	39.7	13:43	39.1	54.4	14:37	33.4	37.2	15:31	35.7	45.7	16:25	40.0	36.7	17:19	32.9	29.9
09:14	41.1	38.9	10:08	43.1	41.4	11:02	46.8	45.8	11:56	38.1	39.8	12:50	36.1	37.3	13:44	36.9	37.8	14:38	35.5	45.3	15:32	38.8	42.8	16:26	35.0	36.9	17:20	34.3	28.3
09:15	43.1	41.7	10:09	38.0	53.2	11:03	49.8	42.7	11:57	34.6	38.1	12:51	47.8	37.8	13:45	39.9	41.9	14:39	57.8	55.5	15:33	36.7	40.8	16:27	35.5	39.1	17:21	41.7	29.1
09:16	40.3	45.7	10:10	40.6	44.2	11:04	43.4	51.2	11:58	37.3	42.6	12:52	50.1	53.2	13:46	43.1	46.7	14:40	45.3	51.6	15:34	35.5	43.5	16:28	37.2	36.9	17:22	36.8	41.2
09:17	41.7	40.5	10:11	42.3	43.7	11:05	49.9	48.0	11:59	39.8	39.8	12:53	54.1	58.2	13:47	46.6	53.4	14:41	36.9	53.7	15:35	39.6	45.4	16:29	40.2	38.3	17:23	34.4	31.4
09:18	42.1	38.4	10:12	49.3	46.3	11:06	42.5	47.3	12:00	41.9	37.5	12:54	49.7	51.1	13:48	43.6	54.0	14:42	45.5	42.9	15:36	49.4	44.1	16:30	38.3	42.6	17:24	50.8	40.1
09:19	40.6	43.0	10:13	44.8	61.0	11:07	41.8	39.5	12:01	42.2	46.1	12:55	37.6	51.7	13:49	43.8	41.2	14:43	41.2	43.2	15:37	40.6	54.8	16:31	41.9	39.2	17:25	31.2	37.0
09:20	43.2	41.5	10:14	53.5	47.8	11:08	44.5	43.1	12:02	40.8	40.6	12:56	41.1	39.8	13:50	46.5	42.2	14:44	42.5	40.4	15:38	50.6	47.1	16:32	42.5	37.1	17:26	31.9	52.6
09:21	40.5	42.2	10:15	48.7	53.7	11:09	50.2	43.1	12:03	46.2	41.9	12:57	45.2	37.8	13:51	37.3	38.2	14:45	35.1	43.2	15:39	39.2	53.7	16:33	53.1	35.5	17:27	38.3	51.2
09:22	42.8	43.8	10:16	40.4	55.7	11:10	46.9	42.3	12:04	44.3	44.1	12:58	33.1	38.0	13:52	63.8	62.8	14:46	37.3	45.6	15:40	37.3	48.8	16:34	45.8	37.1	17:28	50.7	34.5
09:23	46.9	46.4	10:17	48.4	39.6	11:11	39.3	46.3	12:05	49.0	52.8	12:59	37.7	58.0	13:53	46.7	51.1	14:47	32.6	43.5	15:41	35.8	39.2	16:35	56.1	45.5	17:29	40.4	40.1
09:24	41.7	40.9	10:18	44.9	47.0	11:12	41.8	45.8	12:06	45.6	42.9	13:00	50.4	49.5	13:54	34.5	42.5	14:48	34.0	36.3	15:42	37.9	39.3	16:36	37.7	36.6	17:30	37.1	34.9
09:25	42.9	45.1	10:19	41.1	55.1	11:13	38.6	42.8	12:07	43.4	38.7	13:01	47.9	50.1	13:55	35.5	38.8	14:49	37.7	35.0	15:43	48.0	44.2	16:37	37.7	36.1	17:31	37.0	34.3
09:26	43.4	42.8	10:20	43.3	55.3	11:14	43.4	44.8	12:08	40.7	37.8	13:02	46.5	40.7	13:56	36.7	46.1	14:50	36.6	37.3	15:44	43.9	52.4	16:38	35.7	34.7	17:32	34.7	33.8
09:27	53.4	40.8	10:21	41.6	38.9	11:15	49.5	51.5	12:09	40.2	38.6	13:03	34.3	37.7	13:57	37.8	41.1	14:51	40.7	38.0	15:45	40.1	54.4	16:39	37.6	50.5	17:33	36.1	33.2
09:28	47.9	45.6	10:22	47.2	45.5	11:16	53.3	56.3	12:10	43.3	37.4	13:04	35.7	42.8	13:58	32.2	41.1	14:52	41.8	58.6	15:46	38.9	39.9	16:40	40.7	38.0	17:34	40.6	34.1
09:29	44.0	41.5	10:23	48.7	43.5	11:17	44.9	51.8	12:11	44.5	42.9	13:05	36.4	38.2	13:59	31.3	41.7	14:53	58.1	58.6	15:47	51.3	43.4	16:41	35.5	41.0	17:35	39.2	33.8
09:30	44.0	40.0	10:24	41.6	38.2	11:18	46.3	53.6	12:12	38.8	38.0	13:06	39.3	36.8	14:00	31.0	34.9	14:54	42.5	56.0	15:48	38.2	43.9	16:42	32.5	38.4	17:36	40.0	34.3
09:31	43.1	44.0	10:25	44.0	38.2	11:19	47.5	41.2	12:13	39.5	36.7	13:07	37.8	36.8	14:01	33.1	33.5	14:55	35.1	49.9	15:49	37.4	53.9	16:43	46.5	35.1	17:37	40.3	33.9
09:32	43.6	43.6	10:26	40.2	43.9	11:20	43.2	43.1	12:14	37.7	37.5	13:08	49.7	53.6	14:02	36.0	37.7	14:56	34.3	35.1	15:50	38.3	43.9	16:44	33.6	34.0	17:38	34.9	42.6
09:33	42.1	39.6	10:27	41.0	48.2	11:21	41.6	46.7	12:15	37.0	37.8	13:09	41.0	52.5	14:03	36.4	36.0	14:57	47.3	35.0	15:51	38.8	39.9	16:45	46.4	36.6	17:39	37.0	35.5
09:34	45.7	43.4	10:28	51.4	61.9	11:22	48.5	53.3	12:16	34.9	38.8	13:10	37.6	52.1	14:04	35.9	41.6	14:58	37.7	49.1	15:52	46.3	40.1	16:46	41.0	34.4	17:40	33.9	33.8
09:35	43.5	38.1	10:29	55.2	53.4	11:23	40.8	49.4	12:17	34.9	42.7	13:11	45.7	35.7	14:05	34.7	37.3	14:59	33.2	45.9	15:53	35.4	37.1	16:47	41.4	44.9	17:41	32.8	40.1
09:36	42.6	38.3	10:30	49.0	52.7	11:24	50.1	38.9	12:18	37.7	38.7	13:12	47.6	45.1	14:06	32.3	39.0	15:00	33.9	34.6	15:54	53.7	48.2	16:48	32.5	32.7	17:42	36.7	36.0
09:37	40.2	41.7	10:31	41.9	42.0	11:25	39.0	37.9	12:19	48.4	36.5	13:13	44.1	39.7	14:07	35.2	42.7	15:01	51.7	37.3	15:55	37.3	51.6	16:49	35.2	41.2	17:43	35.5	40.8
09:38	56.3	48.3	10:32	45.1	43.1	11:26	44.1	38.0	12:20	35.2	39.5	13:14	40.1	55.8	14:08	30.6	43.5	15:02	35.6	37.0	15:56	36.2	39.7	16:50	39.8	32.4	17:44	44.9	39.0
09:39	47.2	49.2	10:33	44.9	54.1	11:27	43.0	37.3	12:21	39.0	43.3	13:15	45.5	51.4	14:09	32.0	35.0	15:03	32.5	39.9	15:57	44.2	45.3	16:51	49.9	29.5	17:45	38.9	44.2
09:40	44.0	44.3	10:34	51.0	50.7	11:28	45.2	38.2	12:22	47.5	39.2	13:16	54.7	52.4	14:10	30.9	38.1	15:04	32.8	37.7	15:58	58.3	38.6	16:52	51.1	31.2	17:46	34.0	42.8
09:41	44.2	37.0	10:35	42.9	51.4	11:29	42.6	43.2	12:23	37.3	41.8	13:17	39.6	40.5	14:11	34.1	41.6	15:05	31.0	46.0	15:59	35.5	38.1	1					

Table 3. Thursday 13/10/22 - Positions 1, 3 and 4 LAeq measurements (free-field)

Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position						
	1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4	1	3	4	
09:00				09:54				10:48	39.2	26.3		11:42	26.9	30.4	57.4	12:36	37.0	53.5	26.6	13:30	34.5	27.6	44.2	14:24	66.9	36.8	48.2	15:18	30.6	27.2	46.0	16:12	41.4	26.9	32.5	17:06	38.9	30.7	33.3
09:01				09:55				10:49	33.2	32.3		11:43	37.4	40.9	48.9	12:37	48.8	43.2	46.4	13:31	34.3	26.1	28.2	14:25	68.1	61.4	59.5	15:19	35.6	47.0	45.5	16:13	38.4	30.5	31.1	17:07	36.8	32.1	31.9
09:02				09:56				10:50	38.3	47.3		11:44	36.9	41.0	31.9	12:38	67.7	43.2	52.0	13:32	37.6	26.7	28.3	14:26	55.1	48.1	59.9	15:20	31.4	29.3	34.3	16:14	37.7	28.3	50.3	17:08	38.0	30.8	48.1
09:03				09:57				10:51	38.0	47.6		11:45	39.5	53.5	31.3	12:39	72.9	58.3	49.2	13:33	29.1	26.8	28.4	14:27	46.5	48.6	55.9	15:21	30.8	28.1	44.8	16:15	31.1	28.3	32.8	17:09	38.6	44.0	51.4
09:04				09:58				10:52	42.8	38.6		11:46	37.4	47.9	33.3	12:40	65.0	46.5	57.9	13:34	32.7	27.5	27.7	14:28	40.5	49.1	50.2	15:22	39.0	31.1	37.2	16:16	32.7	26.0	29.4	17:10	37.7	39.2	32.1
09:05				09:59				10:53	45.4	32.7		11:47	57.7	60.2	55.9	12:41	62.9	55.4	53.0	13:35	40.1	29.7	29.9	14:29	50.0	46.5	54.6	15:23	36.4	29.7	34.3	16:17	36.4	27.0	48.9	17:11	40.3	32.5	45.2
09:06				10:00				10:54	39.3	28.0		11:48	40.1	49.3	45.6	12:42	68.3	44.2	56.9	13:36	32.2	28.2	29.0	14:30	58.7	52.6	50.7	15:24	34.8	31.3	30.2	16:18	40.3	31.3	36.1	17:12	39.2	31.7	47.6
09:07				10:01				10:55	39.8	30.0		11:49	38.8	32.1	33.0	12:43	51.0	40.4	50.7	13:37	32.9	27.4	28.4	14:31	64.7	59.0	56.0	15:25	29.9	29.6	32.7	16:19	36.6	49.6	29.3	17:13	41.8	55.4	54.7
09:08				10:02				10:56	59.0	36.0		11:50	37.5	45.8	29.9	12:44	64.3	49.3	58.0	13:38	40.0	29.5	29.2	14:32	65.9	52.3	60.8	15:26	33.3	27.9	49.2	16:20	39.6	28.8	32.3	17:14	51.0	46.9	43.2
09:09				10:03				10:57	38.0	34.0		11:51	39.0	28.5	30.3	12:45	63.8	52.4	56.7	13:39	42.6	51.4	46.0	14:33	57.1	50.4	61.5	15:27	27.4	28.0	43.9	16:21	37.1	29.1	32.6	17:15	41.0	35.3	37.7
09:10				10:04				10:58	32.8	32.4		11:52	30.1	26.2	42.4	12:46	62.6	56.3	44.0	13:40	44.2	42.3	30.9	14:34	65.1	53.4	61.6	15:28	37.4	28.6	44.7	16:22	40.8	48.1	43.3	17:16	37.5	37.1	45.8
09:11				10:05				10:59	34.8	25.7		11:53	29.8	34.3	50.4	12:47	36.4	28.9	30.9	13:41	61.7	39.5	28.7	14:35	53.8	55.8	59.3	15:29	27.8	28.9	37.5	16:23	31.0	30.9	33.3	17:17	35.5	46.4	29.8
09:12				10:06				11:00	35.4	33.0		11:54	30.4	34.8	43.0	12:48	31.1	36.8	26.6	13:42	63.0	38.9	46.4	14:36	49.1	50.9	62.5	15:30	27.6	28.0	30.9	16:24	36.0	29.8	45.6	17:18	36.0	45.6	31.8
09:13				10:07				11:01	29.1	29.9		11:55	35.8	34.1	28.8	12:49	32.4	42.2	48.5	13:43	64.6	52.4	59.8	14:37	71.9	53.4	60.7	15:31	35.3	31.1	47.5	16:25	40.9	29.2	49.4	17:19	44.4	32.9	31.5
09:14				10:08				11:02	38.0	30.0		11:56	38.6	34.3	34.8	12:50	38.0	26.2	41.5	13:44	57.8	44.9	58.0	14:38	74.4	52.6	51.5	15:32	34.1	47.7	47.8	16:26	45.3	31.1	43.0	17:20	42.1	31.8	29.9
09:15				10:09				11:03	42.6	52.0		11:57	37.3	36.1	47.0	12:51	40.4	41.4	52.2	13:45	55.3	49.6	59.6	14:39	67.9	50.6	50.0	15:33	37.1	41.3	30.9	16:27	46.5	46.3	29.9	17:21	39.2	30.5	30.9
09:16				10:10				11:04	42.9	36.7	48.1	11:58	36.0	32.8	27.2	12:52	38.3	41.1	38.3	13:46	54.9	51.2	60.0	14:40	45.0	52.7	49.1	15:34	40.2	47.4	31.0	16:28	51.5	31.6	47.4	17:22	40.8	32.8	32.7
09:17				10:11				11:05	32.6	29.0	48.8	11:59	33.3	32.3	27.4	12:53	31.5	41.1	49.7	13:47	49.3	47.5	44.8	14:41	38.5	34.4	31.2	15:35	38.6	28.1	53.5	16:29	51.3	41.5	46.0	17:23	43.1	33.0	32.4
09:18				10:12				11:06	38.0	29.1	32.7	12:00	31.0	31.9	28.6	12:54	36.3	37.3	29.2	13:48	45.6	41.1	35.8	14:42	40.6	31.7	31.1	15:36	40.5	30.5	35.0	16:30	40.0	53.3	44.6	17:24	47.8	34.2	47.1
09:19				10:13				11:07	39.0	31.7	48.2	12:01	26.8	28.4	31.2	12:55	54.8	30.4	43.3	13:49	41.6	36.8	45.4	14:43	41.0	29.9	46.5	15:37	37.2	46.1	30.5	16:31	45.4	35.3	47.8	17:25	44.6	33.2	51.5
09:20				10:14				11:08	40.4	25.5	35.0	12:02	32.9	28.3	27.9	12:56	66.6	47.2	45.1	13:50	31.7	27.1	44.6	14:44	38.2	29.1	31.3	15:38	58.9	27.1	49.2	16:32	44.9	30.2	32.7	17:26	48.5	34.3	35.6
09:21				10:15				11:09	35.6	35.1	45.2	12:03	30.8	29.2	30.6	12:57	73.7	58.2	43.7	13:51	34.6	45.0	49.8	14:45	32.6	29.7	34.7	15:39	37.4	27.4	45.8	16:33	47.3	31.4	27.9	17:27	37.6	35.9	49.4
09:22				10:16				11:10	36.8	47.1	35.2	12:04	29.5	25.8	49.0	12:58	64.0	46.5	56.6	13:52	37.9	46.1	38.9	14:46	37.5	51.3	30.0	15:40	31.9	28.6	32.5	16:34	43.9	33.8	40.4	17:28	36.1	34.4	32.5
09:23				10:17				11:11	38.6	44.0	44.7	12:05	33.2	25.9	46.9	12:59	67.5	64.7	64.6	13:53	39.9	48.3	46.5	14:47	28.2	41.8	48.4	15:41	36.9	48.8	48.6	16:35	36.9	32.6	43.9	17:29	36.3	35.5	45.7
09:24				10:18				11:12	35.1	48.9	31.6	12:06	38.1	31.4	31.0	13:00	48.0	46.9	53.6	13:54	44.2	46.9	46.6	14:48	35.3	29.1	42.4	15:42	31.9	29.0	45.2	16:36	37.7	31.2	49.3	17:30	39.0	41.2	31.0
09:25				10:19				11:13	29.2	37.0	30.3	12:07	38.3	24.7	45.5	13:01	59.7	47.4	56.2	13:55	40.3	38.1	45.7	14:49	38.2	48.5	34.3	15:43	30.2	27.8	47.5	16:37	34.1	29.6	33.1	17:31	43.2	38.7	30.8
09:26				10:20				11:14	24.6	37.6	28.9	12:08	37.8	22.7	57.4	13:02	66.3	43.8	56.9	13:56	36.9	40.1	33.5	14:50	36.1	29.6	43.7	15:44	40.7	27.2	42.7	16:38	40.8	29.6	45.4	17:32	38.5	34.7	42.0
09:27				10:21				11:15	28.1	32.8	30.8	12:09	35.0	22.6	27.9	13:03	49.7	52.8	45.7	13:57	37.0	35.5	38.6	14:51	38.2	31.7	32.1	15:45	38.4	26.8	30.2	16:39	37.7	33.4	44.8	17:33	44.7	34.4	31.6
09:28				10:22				11:16	41.2	29.3	53.6	12:10	32.2	23.6	29.7	13:04	38.9	39.9	32.3	13:58	44.7	26.5	40.7	14:52	35.9	28.5	31.1	15:46	57.6	76.5	66.3	16:40	37.3	52.5	30.8	17:34	43.7	33.0	33.8
09:29				10:23				11:17	44.2	39.9	33.4	12:11	37.7	25.9	46.9	13:05	35.9	46.5	31.1	13:59	47.8	29.3	35.2	14:53	33.4	28.2	28.9	15:47	51.1	36.7	50.6	16:41	42.4	31.3	30.9	17:35	42.2	32.2	30.3
09:30				10:24				11:18	44.4	43.7	33.7	12:12	37.0	23.3	49.7	13:06	33.6	27.4	49.7	14:00	67.8	44.2	34.7	14:54	35.1	47.1	62.3	15:48	36.9	29.7	31.5	16:42	52.1	64.7	45.9	17:36	39.1	31.1	30.2
09:31				10:25				11:19	50.3	39.3	30.8	12:13	36.4	29.4	57.4	13:07	35.0	49.4	47.3	14:01	73.9	41.6	45.0	14:55	30.3	28.7	53.6	15:49	36.9	28.0	41.6	16:43	41.8	45.8	40.2	17:37	39.1	31.2	30.1
09:32				10:26				11:20	68.4	35.5	29.2	12:14	34.3	29.2	33.7	13:08	38.8	51.9	35.9	14:02	59.9	68.0	55.2	14:56	33.0	29.3	32.6	15:50	38.2	25.8	30.7	16:44	51.0	40.3	44.4	17:38	38.5	38.6	30.7
09:33				10:27				11:21	70.3	37.0	43.2	12:15	35.9	28.1	33.8	13:09	39.1	27.9	50.3	14:03	66.8	49.7	63.4	14:57	36.6	45.9	46.1	15:51	32.3	26.6	31.7	16:45	34.9	41.9	32.2	17:39	38.0	46.8	29.1
09:34				10:28				11:22	54.3	59.6	50.7	12:16	37.6	47.9	48.2	13:1																							

Table 4. Friday 14/10/22 - Positions 1, 3 and 4 LAeq measurements (free-field)

Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position						
	1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4	1	3	4	
09:00	39.0	50.0	37.6	09:54	40.4	39.6	37.9	10:48	37.9	35.8	47.1	11:42	37.9	38.2	51.8	12:36	65.2	59.4	57.5	13:30	57.3	57.9	51.3	14:24	33.1	34.2	38.5	15:18	42.7	38.2	47.6	16:12	40.7	35.0	45.7	17:06			
09:01	37.0	34.3	36.1	09:55	40.7	34.6	42.8	10:49	41.0	34.2	49.2	11:43	40.2	35.4	47.5	12:37	62.4	55.0	55.4	13:31	73.9	48.0	56.1	14:25	34.3	33.0	46.0	15:19	42.0	37.7	51.8	16:13	42.4	35.2	38.7	17:07			
09:02	35.0	30.4	34.2	09:56	33.7	31.7	52.8	10:50	42.0	33.5	47.6	11:44	38.4	48.2	45.6	12:38	41.7	51.6	52.5	13:32	61.4	53.9	58.4	14:26	37.9	52.8	46.1	15:20	40.9	36.0	46.4	16:14	43.4	34.9	49.2	17:08			
09:03	36.0	40.0	47.2	09:57	35.5	33.8	49.6	10:51	39.1	37.4	51.6	11:45	42.0	36.9	46.0	12:39	38.5	31.8	51.9	13:33	63.9	59.0	55.6	14:27	35.4	36.1	49.2	15:21	45.0	34.5	47.9	16:15	43.1	34.3	50.3	17:09			
09:04	41.0	49.3	43.0	09:58	41.3	32.4	35.5	10:52	36.1	32.9	50.5	11:46	40.5	39.2	49.6	12:40	44.3	30.6	46.9	13:34	61.4	48.3	57.1	14:28	42.0	49.9	41.1	15:22	41.6	33.3	44.5	16:16	42.5	33.5	40.9	17:10			
09:05	39.9	48.0	36.1	09:59	40.3	33.0	36.2	10:53	39.1	33.3	47.8	11:47	40.7	38.3	49.6	12:41	40.9	31.2	43.7	13:35	62.7	55.3	54.2	14:29	48.7	44.3	46.6	15:23	41.8	50.7	43.1	16:17	41.9	33.5	41.0	17:11			
09:06	45.0	32.8	39.5	10:00	37.2	35.9	35.9	10:54	42.2	34.2	49.5	11:48	37.7	35.0	45.6	12:42	42.1	30.9	34.6	13:36	59.6	46.0	57.0	14:30	73.4	44.1	54.0	15:24	42.3	43.1	47.0	16:18	38.6	34.9	47.6	17:12			
09:07	41.0	38.0	34.0	10:01	40.6	50.8	33.2	10:55	40.6	33.7	46.0	11:49	37.6	36.1	45.5	12:43	40.0	32.7	51.6	13:37	39.4	55.1	49.0	14:31	61.7	47.4	53.8	15:25	44.3	38.4	59.0	16:19	43.3	33.7	38.6	17:13			
09:08	37.2	32.4	54.0	10:02	37.3	28.7	31.8	10:56	35.6	53.3	46.8	11:50	38.8	33.5	46.0	12:44	43.7	33.0	37.2	13:38	40.5	32.6	35.3	14:32	60.5	55.1	56.3	15:26	36.7	37.5	48.2	16:20		32.6	36.4	17:14			
09:09	41.3	37.8	48.3	10:03	36.4	28.3	54.3	10:57	36.1	33.6	52.5	11:51	41.3	34.0	42.9	12:45	42.3	31.9	37.5	13:39	47.0	36.4	43.9	14:33	72.4	55.4	57.4	15:27	45.7	40.0	48.3	16:21		32.5	45.4	17:15			
09:10	41.2	48.6	47.2	10:04	38.0	30.5	38.1	10:58	42.5	36.2	52.7	11:52	37.3	40.2	43.6	12:46	40.3	31.2	50.5	13:40	44.1	36.1	39.8	14:34	68.4	47.0	58.8	15:28	43.3	38.7	47.7	16:22		49.6	33.7	17:16			
09:11	45.9	33.7	45.2	10:05	43.0	32.3	45.8	10:59	39.6	34.2	49.5	11:53	61.8	61.3	60.7	12:47	51.1	50.2	36.6	13:41	42.8	34.1	42.3	14:35	59.2	57.1	55.8	15:29	39.3	34.5	45.8	16:23		32.3	36.5	17:17			
09:12	40.8	40.8	44.8	10:06	37.1	36.3	45.5	11:00	37.1	35.4	52.3	11:54	48.8	48.1	49.4	12:48	66.2	44.7	36.0	13:42	41.2	32.6	34.0	14:36	69.7	51.9	52.9	15:30	40.0	36.1	47.1	16:24		46.3	36.8	17:18			
09:13	40.5	39.4	41.9	10:07	40.9	49.1	41.0	11:01	37.1	35.3	51.1	11:55	44.1	45.4	42.8	12:49	60.2	62.3	52.5	13:43	42.0	31.6	38.1	14:37	42.2	54.7	48.1	15:31	43.0	48.6	49.9	16:25		43.6	37.6	17:19			
09:14	54.4	32.1	43.7	10:08	51.9	55.7	52.0	11:02	38.4	36.0	51.3	11:56	42.9	34.1	47.9	12:50	73.9	48.8	53.5	13:44	46.2	35.5	49.4	14:38	44.2	35.4	46.8	15:32	72.0	40.5	50.0	16:26		34.9	46.6	17:20			
09:15	47.5	43.0	31.5	10:09	44.9	47.8	45.2	11:03	41.3	35.8	52.6	11:57	47.7	33.9	40.5	12:51	62.4	56.0	56.6	13:45	39.0	34.2	37.6	14:39	37.6	37.8	44.5	15:33	73.3	49.1	56.5	16:27		36.0	46.3	17:21			
09:16	43.4	34.5	34.2	10:10	42.2	32.2	35.5	11:04	39.6	36.5	51.3	11:58	43.8	51.7	40.5	12:52	66.3	53.5	54.8	13:46	44.1	37.6	48.8	14:40	45.1	35.2	42.6	15:34	67.3	53.2	55.2	16:28		33.5	55.0	17:22			
09:17	39.5	34.0	30.1	10:11	39.7	33.4	44.6	11:05	41.6	37.8	52.6	11:59	43.5	34.1	49.7	12:53	46.4	41.9	54.4	13:47	40.5	37.0	47.6	14:41	35.1	35.6	50.9	15:35	60.5	57.4	54.1	16:29		38.6		17:23			
09:18	34.8	36.4	31.2	10:12	42.4	30.3	36.9	11:06	39.2	38.9	56.1	12:00	45.1	33.0	42.4	12:54	60.7	58.1	58.6	13:48	41.1	34.2	45.5	14:42	33.7	36.0	45.7	15:36	69.8	64.4	56.7	16:30		51.8		17:24			
09:19	38.2	34.5	32.4	10:13	37.7	29.2	38.2	11:07	43.3	39.1	54.3	12:01	47.6	33.5	38.3	12:55	61.2	55.2	57.4	13:49	37.7	36.3	47.7	14:43	41.4	39.4	51.1	15:37	71.4	47.7	57.7	16:31		32.3		17:25			
09:20	42.1	34.1	43.5	10:14	46.7	43.0	41.0	11:08	41.7	49.9	53.4	12:02	45.8	33.7	38.7	12:56	65.6	51.2	58.2	13:50	32.1	39.5	37.2	14:44	63.7	37.0	52.6	15:38	68.3	50.5	58.4	16:32		33.1		17:26			
09:21	40.6	36.9	46.1	10:15	58.6	59.8	59.2	11:09	41.5	39.4	54.1	12:03	41.0	33.1	39.0	12:57	52.2	56.3	50.9	13:51	38.6	38.2	38.4	14:45	71.9	50.2	57.7	15:39	73.6	53.0	54.8	16:33		34.0		17:27			
09:22	44.2	36.8	32.1	10:16	54.7	60.1	57.2	11:10	43.5	38.0	51.5	12:04	46.9	33.4	49.6	12:58	41.3	50.1	50.7	13:52	41.0	36.4	34.9	14:46	40.0	36.4	49.9	15:40	67.7	52.9	55.0	16:34		36.3		17:28			
09:23	45.0	35.0	50.8	10:17	52.6	57.6	51.7	11:11	38.7	37.6	52.6	12:05	38.4	32.1	39.3	12:59	43.8	45.3	47.0	13:53	36.8	38.1	38.1	14:47	43.6	44.9	49.4	15:41	45.7	48.5	48.5	16:35		49.3		17:29			
09:24	40.2	35.0	33.6	10:18	43.1	43.0	47.1	11:12	37.9	49.6	52.3	12:06	38.8	37.4	40.3	13:00	40.6	30.7	51.9	13:54	36.5	44.9	36.4	14:48	45.0	45.2	51.6	15:42	41.6	33.3	43.6	16:36		34.5		17:30			
09:25	42.4	48.9	32.4	10:19	40.3	37.1	39.2	11:13	41.5	38.2	55.3	12:07	36.6	41.4	45.4	13:01	40.1	30.5	45.7	13:55	35.4	34.2	40.9	14:49	52.2	51.4	60.2	15:43	41.0	33.5	43.2	16:37		33.0		17:31			
09:26	43.6	35.0	45.9	10:20	41.0	34.3	33.8	11:14	41.7	38.9	53.8	12:08	36.6	52.0	37.8	13:02	39.9	35.9	37.3	13:56	34.2	33.0	39.1	14:50	66.6	53.1	64.1	15:44	38.5	50.9	42.3	16:38		41.2		17:32			
09:27	38.4	36.8	37.9	10:21	41.7	34.3	36.2	11:15	42.1	38.9	54.4	12:09	39.7	46.3	37.2	13:03	42.0	36.5	37.4	13:57	43.4	34.6	36.9	14:51	68.9	54.4	53.7	15:45	45.5	47.7	43.2	16:39		54.8		17:33			
09:28	39.9	35.4	47.7	10:22	33.5	33.7	34.1	11:16	37.4	50.5	53.3	12:10	40.0	32.2	37.3	13:04	47.9	35.0	40.6	13:58	45.3	33.9	36.3	14:52	44.1	51.4	42.6	15:46	41.3	34.0	48.3	16:40		40.8		17:34			
09:29	35.8	33.6	49.8	10:23	34.7	30.8	44.4	11:17	38.3	39.5	52.6	12:11	34.5	33.6	43.1	13:05	40.3	36.3	54.8	13:59	38.9	30.9	36.1	14:53	42.9	34.9	49.1	15:47	46.4	31.3	46.5	16:41		48.7		17:35			
09:30	36.4	33.9	34.8	10:24	43.2	29.9	42.3	11:18	44.7	38.6	55.8	12:12	39.8	33.2	49.3	13:06	42.8	46.3	45.4	14:00	37.6	47.0	46.6	14:54	42.9	49.7	37.8	15:48	43.7	36.1	48.5	16:42		50.9		17:36			
09:31	38.9	44.2	37.8	10:25	40.2	29.1	32.8	11:19	38.2	37.3	53.0	12:13	40.4	32.3	48.4	13:07	50.0	53.7	46.2	14:01	39.4	37.7	40.6	14:55	43.3	48.8	53.2	15:49	44.0	36.3	44.0	16:43				17:37			
09:32	40.8	49.0	43.1	10:26	37.1	30.5	32.9	11:20	36.4	49.3	55.1	12:14	40.1	31.0	51.2	13:08	53.6	34.8	44.8	14:02	41.8	34.6	39.2	14:56	38.3	33.7	44.0	15:50	36.2	45.8	45.4	16:44				17:38			
09:33	39.7	33.6	46.6	10:27	41.6	29.3	33.2	11:21	37.3	38.8	51.2</																												

Table 5. Tuesday 18/10/22 - Positions 1, 3 and 4 LAeq measurements (free-field)

Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position										
	1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4								
09:00				09:54				10:48				11:42	50.4	46.0	44.4	12:36	43.2	34.9	40.8	13:30	46.2	46.8	47.5	14:24	41.7	31.7	49.8	15:18	41.8			16:12				17:06			
09:01				09:55				10:49				11:43	45.5	55.0	56.9	12:37	42.7	36.8	39.7	13:31	45.4	42.5	44.8	14:25	42.1	36.3	40.1	15:19	52.6			16:13				17:07			
09:02				09:56				10:50				11:44	45.7	41.1	46.2	12:38	42.2	38.0	48.5	13:32	39.9	41.0	44.2	14:26	41.1	36.4	39.9	15:20				16:14				17:08			
09:03				09:57				10:51				11:45	45.9	49.7	51.7	12:39	42.9	36.7	39.2	13:33	44.5	38.5	38.2	14:27	44.5	40.9	49.7	15:21				16:15				17:09			
09:04				09:58				10:52				11:46	44.0	39.0	48.9	12:40	37.8	35.7	51.2	13:34	47.8	36.7	39.2	14:28	46.2	39.6	44.8	15:22				16:16				17:10			
09:05				09:59				10:53				11:47	43.1	40.7	43.1	12:41	41.3	36.0	47.3	13:35	48.5	37.6	39.3	14:29	57.3	50.8	47.4	15:23				16:17				17:11			
09:06				10:00				10:54				11:48	43.1	39.5	49.4	12:42	41.8	34.8	38.5	13:36	45.0	38.3	40.1	14:30	45.3	37.7	38.9	15:24				16:18				17:12			
09:07				10:01				10:55				11:49	42.8	49.3	45.1	12:43	40.0	37.3	36.0	13:37	45.4	45.4	38.3	14:31	39.1	50.2	40.1	15:25				16:19				17:13			
09:08				10:02				10:56				11:50	44.3	35.6	49.5	12:44	47.3	40.5	38.5	13:38	46.1	38.3	45.5	14:32	41.0	36.4	41.4	15:26				16:20				17:14			
09:09				10:03				10:57				11:51	42.1	39.9	46.3	12:45	43.0	41.9	38.3	13:39	46.4	38.4	50.0	14:33	38.9	35.0	46.8	15:27				16:21				17:15			
09:10				10:04				10:58				11:52	43.8	39.1	43.9	12:46	42.2	41.5	41.9	13:40	44.8	36.5	40.3	14:34	38.1	35.8	44.7	15:28				16:22				17:16			
09:11				10:05				10:59	45.5			11:53	45.8	34.0	47.2	12:47	43.0	39.4	41.0	13:41	45.5	43.7	47.0	14:35	53.0	48.4	40.8	15:29				16:23				17:17			
09:12				10:06				11:00	42.2			11:54	46.2	34.8	46.5	12:48	42.4	35.7	45.6	13:42	47.0	48.3	50.0	14:36	41.7	40.5	49.2	15:30				16:24				17:18			
09:13				10:07				11:01	39.0			11:55	52.8	44.6	49.3	12:49	42.2	39.3	47.8	13:43	43.0	34.6	45.8	14:37	41.5	33.6	48.1	15:31				16:25				17:19			
09:14				10:08				11:02	38.8			11:56	49.9	50.2	46.0	12:50	44.6	38.8	44.7	13:44	45.9	36.6	40.0	14:38	50.3	46.9	43.5	15:32				16:26				17:20			
09:15				10:09				11:03	40.9			11:57	54.8	51.1	54.8	12:51	43.6	42.3	43.9	13:45	44.1	40.7	53.8	14:39	50.0	39.3	37.3	15:33				16:27				17:21			
09:16				10:10				11:04	38.7			11:58	51.0	46.5	48.0	12:52	46.1	35.7	40.1	13:46	42.0	39.1	40.7	14:40	41.0	51.7	36.5	15:34				16:28				17:22			
09:17				10:11				11:05	39.8			11:59	42.1	36.7	40.8	12:53	43.7	35.3	40.2	13:47	41.4	36.7	46.6	14:41	45.1	38.3	47.1	15:35				16:29				17:23			
09:18				10:12				11:06	39.1			12:00	43.2	40.1	42.0	12:54	44.3	46.0	47.4	13:48	41.7	36.4	46.0	14:42	40.2	33.6	34.9	15:36				16:30				17:24			
09:19				10:13				11:07	37.6			12:01	41.5	46.8	40.6	12:55	47.4	36.5	40.0	13:49	39.1	37.3	37.8	14:43	39.5	49.7	37.8	15:37				16:31				17:25			
09:20				10:14				11:08	36.6			12:02	41.7	41.2	41.0	12:56	46.7	36.9	40.2	13:50	43.7	36.8	38.3	14:44	43.6	35.5	35.7	15:38				16:32				17:26			
09:21				10:15				11:09	39.2			12:03	42.3	41.7	41.4	12:57	44.5	37.1	46.4	13:51	41.1	36.9	37.3	14:45	39.2	35.3	36.3	15:39				16:33				17:27			
09:22				10:16				11:10	40.9	46.5		12:04	39.9	41.4	46.5	12:58	42.5	36.6	37.2	13:52	41.2	35.4	51.6	14:46	36.6	38.0	38.3	15:40				16:34				17:28			
09:23				10:17				11:11	40.4	40.7		12:05	42.9	39.0	47.7	12:59	45.2	36.7	41.0	13:53	42.3	44.9	40.2	14:47	41.1	35.3	38.3	15:41				16:35				17:29			
09:24				10:18				11:12	41.9	47.8		12:06	42.4	37.6	42.5	13:00	42.5	35.5	40.8	13:54	40.7	37.0	44.2	14:48	44.0	34.1	37.3	15:42				16:36				17:30			
09:25				10:19				11:13	43.5	44.5		12:07	43.3	49.7	47.1	13:01	43.8	53.2	39.3	13:55	41.6	36.9	54.2	14:49	43.1	35.4	36.5	15:43				16:37				17:31			
09:26				10:20				11:14	42.1	41.1		12:08	41.0	37.9	49.3	13:02	45.6	40.1	41.1	13:56	43.1	36.4	40.4	14:50	45.6	49.4	36.3	15:44				16:38				17:32			
09:27				10:21				11:15	40.0	38.1		12:09	39.6	35.5	39.3	13:03	43.4	38.5	46.2	13:57	45.4	34.2	45.3	14:51	39.8	35.1	36.3	15:45				16:39				17:33			
09:28				10:22				11:16	40.3	36.2		12:10	43.5	36.0	44.5	13:04	44.2	49.8	39.8	13:58	44.9	36.6	37.7	14:52	37.4	50.1	46.9	15:46				16:40				17:34			
09:29				10:23				11:17	38.9	37.7		12:11	44.9	38.4	43.2	13:05	55.7	48.2	45.0	13:59	45.7	38.5	39.1	14:53	40.5	34.2	49.2	15:47				16:41				17:35			
09:30				10:24				11:18	40.1	36.6		12:12	44.2	40.8	44.0	13:06	44.8	38.9	42.4	14:00	43.2	39.0	38.7	14:54	41.3	33.4	35.1	15:48				16:42				17:36			
09:31				10:25				11:19	39.2	38.8		12:13	43.9	40.3	43.0	13:07	46.7	41.1	40.0	14:01	38.8	33.7	37.0	14:55	41.3	35.2	38.3	15:49				16:43				17:37			
09:32				10:26				11:20	40.7	37.7		12:14	44.9	39.6	38.1	13:08	46.2	42.1	39.1	14:02	42.2	40.8	51.2	14:56	49.6	41.4	47.6	15:50				16:44				17:38			
09:33				10:27				11:21	41.8	36.1		12:15	42.6	40.0	38.6	13:09	58.1	52.4	49.1	14:03	47.9	41.2	44.2	14:57	40.4	37.3	43.7	15:51				16:45				17:39			
09:34				10:28				11:22	40.1	38.3	48.0	12:16	47.5	48.8	52.9	13:10	45.3	38.9	40.2	14:04	64.2	37.2	36.7	14:58	40.5	47.3	35.2	15:52				16:46				17:40			
09:35				10:29				11:23	37.7	37.4	42.6	12:17	46.0	42.7	45.6	13:11	44.2	39.6	41.2	14:05	66.4	36.7	46.2	14:59	41.2		53.7	15:53				16:47				17:41			
09:36				10:30				11:24	48.2	40.2	44.9	12:18	44.5	38.9	47.5	13:12	42.0	42.3	42.6	14:06	76.5	45.0	50.9	15:00	40.5		40.5	15:54				16:48				17:42			
09:37				10:31				11:25	42.0	41.9	34.8	12:19	44.1	35.5	49.6	13:13	40.6	41.6	43.1	14:07	73.5	36.2	49.0	15:01	37.2		36.8	15:55				16:49				17:43			
09:38				10:32				11:26	37.8	37.4	37.5	12:20	41.9	35.0	39.5	13:14	42.3	40.0	43.4	14:08	74.1	55.0	45.4	15:02	38.9		36.2	15:56				16:50				17:44			
09:39				10:33				11:27	38.5	36.9	45.2	12:21	43.7	36.0	44.7	13:15	44.2	44.2	43.5	14:09	65.3	40.0	54.7	15:03	40.5		49.5	15:57				16:51				17:45			
09:40				10:34				11:28	41.2	38.2	45.8	12:22	43.7	37.4	51.1	13:16	45.2	48.6	48.7	14:10	58.8	47.5	51.8	15:04	41.4														



Table 6. Saturday 22/10/22 - Positions 1, 3 and 4 LAeq measurements (free-field)

Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position			Start Time	Position										
	1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4		1	3	4	1	3	4					
09:00		35.2	40.6	09:54	42.3	35.7	39.6	10:48	40.1	35.0	49.3	11:42	41.4	41.1	45.1	12:36	57.6	45.8	55.9	13:30	43.5	49.0	48.5	14:24	74.3	53.8	45.0	15:18	41.8			16:12				17:06			
09:01		34.7	40.7	09:55	42.8	36.4	38.3	10:49	44.8	35.2	48.9	11:43	41.9	37.0	45.4	12:37	58.1	52.4	47.5	13:31	47.5	46.2	39.4	14:25	65.6	48.3	56.6	15:19	52.6			16:13				17:07			
09:02		34.5	41.0	09:56	42.8	51.3	39.7	10:50	50.7	43.2	46.8	11:44	41.0	38.8	42.4	12:38	58.9	46.2	55.3	13:32	55.7	53.2	52.7	14:26	64.0	56.1	52.0	15:20				16:14				17:08			
09:03		33.7	41.8	09:57	45.8	37.9	42.0	10:51	53.5	50.4	48.8	11:45	44.6	37.8	46.2	12:39	59.4	50.7	45.5	13:33	40.4	37.0	49.2	14:27	64.7	47.2	54.2	15:21				16:15				17:09			
09:04		33.8	49.0	09:58	44.8	52.6	40.6	10:52	43.1	40.6	43.1	11:46	45.2	39.6	51.3	12:40	65.4	53.5	54.2	13:34	40.8	34.8	43.0	14:28	58.0	45.9	58.1	15:22				16:16				17:10			
09:05		34.6	39.3	09:59	52.4	48.1	48.7	10:53	44.2	39.3	42.3	11:47	45.1	49.7	46.6	12:41	60.9	45.3	55.5	13:35	42.0	35.6	37.4	14:29	68.3	58.4	51.3	15:23				16:17				17:11			
09:06		34.3	39.4	10:00	43.1	37.2	50.5	10:54	45.4	39.3	43.7	11:48	50.7	49.5	51.6	12:42	56.8	49.9	48.6	13:36	45.7	36.4	42.0	14:30	61.4	48.0	55.4	15:24				16:18				17:12			
09:07		35.4	43.7	10:01	41.0	46.8	38.5	10:55	43.9	37.3	47.1	11:49	46.4	42.2	48.1	12:43	42.8	39.8	44.8	13:37	45.0	41.7	50.5	14:31	45.7	46.2	37.5	15:25				16:19				17:13			
09:08		48.5	46.6	10:02	40.2	47.5	52.3	10:56	43.4	40.6	48.8	11:50	46.9	39.3	46.6	12:44	46.1	40.2	46.5	13:38	44.7	35.1	43.0	14:32	38.6	38.8	38.8	15:26				16:20				17:14			
09:09		38.7	40.9	10:03	41.1	38.6	41.1	10:57	43.7	37.1	42.4	11:51	48.5	48.4	46.2	12:45	44.2	38.8	44.9	13:39	42.6	35.0	42.5	14:33	39.5	35.7	42.8	15:27				16:21				17:15			
09:10		36.0	48.6	10:04	40.6	50.5	48.0	10:58	41.5	38.0	40.2	11:52	48.7	61.0	48.3	12:46	60.0	49.2	48.3	13:40	45.7	35.4	43.0	14:34	35.0	32.0	45.2	15:28				16:22				17:16			
09:11		35.4	51.6	10:05	41.9	38.6	47.5	10:59	41.9	37.1	40.8	11:53	62.6	49.1	43.9	12:47	64.1	54.9	56.4	13:41	38.9	32.4	50.3	14:35	40.9	39.9	42.9	15:29				16:23				17:17			
09:12	42.9	36.4	46.2	10:06	42.1	35.0	40.2	11:00	44.6	37.9	41.6	11:54	56.7	40.8	52.6	12:48	62.4	55.9	55.1	13:42	36.0	34.6	45.3	14:36	37.0	37.4	41.4	15:30				16:24				17:18			
09:13	39.4	35.8	41.3	10:07	39.9	35.5	40.8	11:01	42.4	39.0	40.9	11:55	58.3	41.7	53.5	12:49	72.0	52.3	57.0	13:43	41.4	36.7	38.0	14:37	45.1	38.4	47.0	15:31				16:25				17:19			
09:14	41.1	37.2	40.3	10:08	43.9	36.0	39.7	11:02	46.0	37.8	44.1	11:56	45.8	40.9	49.6	12:50	64.8	56.3	56.2	13:44	36.5	40.2	49.1	14:38	59.5	50.8	48.0	15:32				16:26				17:20			
09:15	44.5	37.7	39.4	10:09	49.0	35.7	46.6	11:03	48.6	51.2	53.2	11:57	41.9	49.6	52.9	12:51	67.6	51.4	55.2	13:45	33.5	36.2	45.3	14:39	72.2	47.3	56.9	15:33				16:27				17:21			
09:16	41.0	39.6	39.8	10:10	43.8	39.9	47.9	11:04	44.3	47.3	47.5	11:58	41.0	44.4	49.9	12:52	62.1	47.8	55.6	13:46	38.9	34.2	44.4	14:40	61.9	46.3	56.2	15:34				16:28				17:22			
09:17	41.4	39.9	39.5	10:11	39.8	36.1	40.1	11:05	44.2	38.3	42.0	11:59	42.8	39.5	44.4	12:53	47.7	53.3	39.1	13:47	37.6	49.9	41.8	14:41	62.9	53.1	46.8	15:35				16:29				17:23			
09:18	38.2	37.7	50.0	10:12	40.4	38.9	39.2	11:06	42.3	36.3	43.0	12:00	49.6	39.6	50.7	12:54	41.6	40.7	45.2	13:48	37.6	33.3	40.3	14:42	73.8	45.5	54.9	15:36				16:30				17:24			
09:19	40.1	36.0	38.4	10:13	39.5	34.5	37.6	11:07	45.0	37.9	42.4	12:01	45.1	41.9	46.2	12:55	40.5	57.5	42.0	13:49	46.1	48.4	37.5	14:43	61.1	50.3	50.4	15:37				16:31				17:25			
09:20	42.4	36.3	45.3	10:14	44.7	34.1	37.8	11:08	39.9	37.7	41.7	12:02	43.5	41.7	49.8	12:56	42.2	40.1	44.5	13:50	36.5	31.1	40.5	14:44	64.1	46.5	52.2	15:38				16:32				17:26			
09:21	43.2	37.3	38.9	10:15	40.2	49.6	48.7	11:09	40.4	51.1	43.4	12:03	50.1	51.6	51.6	12:57	43.5	40.1	60.1	13:51	38.2	30.9	41.0	14:45	58.6	54.0	48.4	15:39				16:33				17:27			
09:22	43.3	38.2	41.0	10:16	42.2	36.8	40.6	11:10	42.9	38.8	55.5	12:04	49.7	49.2	53.9	12:58	45.5	43.2	46.4	13:52	37.3	33.1	39.6	14:46	43.8	46.6	47.1	15:40				16:34				17:28			
09:23	40.4	37.4	40.0	10:17	48.7	37.3	40.1	11:11	50.6	44.9	46.4	12:05	46.3	43.2	50.1	12:59	54.6	54.6	56.1	13:53	42.5	30.8	39.3	14:47	50.5	47.5	44.7	15:41				16:35				17:29			
09:24	42.8	36.7	40.2	10:18	71.4	50.0	39.5	11:12	50.8	45.9	49.7	12:06	49.5	43.1	52.2	13:00	48.5	46.2	52.8	13:54	46.2	32.7	39.1	14:48		35.7	44.5	15:42				16:36				17:30			
09:25	41.9	36.6	39.1	10:19	76.0	44.0	49.9	11:13	48.3	38.9	40.8	12:07	40.6	40.1	50.5	13:01	43.4	45.2	48.2	13:55	41.3	42.8	38.7	14:49		37.5	42.9	15:43				16:37				17:31			
09:26	41.7	37.3	41.3	10:20	72.9	50.9	52.3	11:14	41.7	35.7	45.6	12:08	42.8	41.8	48.9	13:02	44.1	43.6	46.0	13:56	41.0	45.5	37.8	14:50		37.5	41.8	15:44				16:38				17:32			
09:27	42.0	37.2	38.9	10:21	65.0	59.2	45.5	11:15	41.7	34.9	38.9	12:09	45.7	46.9	46.9	13:03	44.2	34.8	46.7	13:57	43.4	33.2	48.1	14:51		37.7	42.5	15:45				16:39				17:33			
09:28	43.4	35.3	37.3	10:22	69.1	49.3	58.7	11:16	42.7	34.9	51.1	12:10	47.2	40.8	50.7	13:04	41.0	35.7	45.3	13:58	45.9	46.7	38.3	14:52		39.1	48.5	15:46				16:40				17:34			
09:29	42.9	39.8	50.7	10:23	68.0	52.4	52.2	11:17	43.1	35.4	47.9	12:11	46.6	46.0	45.1	13:05	40.1	39.6	44.7	13:59	39.5	38.6	37.7	14:53		46.0	42.9	15:47				16:41				17:35			
09:30	44.9	41.4	39.4	10:24	60.6	62.0	57.4	11:18	40.8	37.7	49.0	12:12	59.2	48.9	53.2	13:06	40.8	36.3	52.5	14:00	38.0	53.2	37.4	14:54		42.8	56.2	15:48				16:42				17:36			
09:31	47.4	44.7	38.2	10:25	62.8	55.0	58.4	11:19	43.8	37.5	44.7	12:13	68.3	49.0	57.9	13:07	36.8	36.5	47.9	14:01	35.7	44.8	34.3	14:55		46.7	57.2	15:49				16:43				17:37			
09:32	49.5	49.3	37.9	10:26	68.3	62.7	58.0	11:20	43.7	39.5	42.2	12:14	65.7	52.4	51.9	13:08	38.6	34.0	45.9	14:02	42.5	32.1	36.6	14:56		54.0	47.7	15:50				16:44				17:38			
09:33	46.5	46.7	38.5	10:27	58.2	56.3	58.4	11:21	38.0	57.4	47.0	12:15	70.8	51.1	55.7	13:09	34.8	33.0	47.4	14:03	40.7	31.8	48.0	14:57		45.2	56.8	15:51				16:45				17:39			
09:34	46.2	45.7	47.7	10:28	56.6	58.9	58.3	11:22	39.0	49.3	46.7	12:16	66.7	49.9	59.9	13:10	40.1	34.5	42.7	14:04	40.1	33.1	38.4	14:58		53.2	55.1	15:52				16:46				17:40			
09:35	43.6	41.8	39.9	10:29	59.7	51.1	56.1	11:23	40.7	53.6	41.4	12:17	64.2	58.5	55.6	13:11	45.9	38.0	40.1	14:05	44.3	46.9	47.7	14:59		48.6	54.6	15:53				16:47				17:41			
09:36	45.6	39.4	39.2	10:30</																																			