

Assessment Methodology

Noise measurement for about 60 minutes has been carried out during the morning peak hours of ferry schedule at each monitoring location to capture the instantaneous level (L_{max}) of single vessel event when the vessel is located at the nearest position to the measurement point. The $L_{eq(60min)}$ of the marine traffic noise impact of total event is then derived by the below equation:

$$L_{A,eq(60mins)} \text{ noise level} = L_{max} \text{ (measured)} + 10 \log (Kd/V) - DC + FC - 10 \log (T) + 10 \log (N)$$

where

K = Empirical Constant = 2

d = Perpendicular Distance between the Reference Measurement Location and the Source (m)

V = Travelling Speed of Vessel, use of maximum speed for conservative approach (all maximum speeds are provided by the Marine Department)

Max 15 knots (7.72 m/s) for Macau and China high speed vessel within Victoria Harbour

Max 5 knots (2.57 m/s) for any vessels within the typhoon shelter

DC = Distance Correction

FC = Facade Correction = +3 dB(A)

T = 1 hour = 3600s

N = number of event per 60 mins period (reference to ferry schedule)

According to approved EIA "Proposed Joint User Complex and Wholesale Fish Market at Area 44, Tuen Mun (Register No.: AEIAR-070/2003) Appendix 5.5, empirical constant K may be less than π in reality, because of either source directivity or possible air absorption. An empirical value of 1.83 for K is suggested for aircraft noise, while a maximum value of 2 for K is estimated for diesel locomotives. For marine vessel, K is taken as 2 in the noise prediction.

Summation of the $L_{eq(60min)}$ of all different events has then been made to give the overall marine traffic noise impact level. Appropriate distance and façade corrections would be taken into account for the assessment of the noise impact at the planned NSRs if necessary.

Marine Traffic Noise Measurement Results during 08:00 - 09:00

Event	M1		M2		M3		M4	
	Duration (s)	Lmax, dB(A)	Duration (s)	Lmax, dB(A)	Duration (s)	Lmax, dB(A)	Duration (s)	Lmax, dB(A)
(1) Vessel from Macau	60	62.9	37	59.4	60	62.4	79	67.4
(2) Vessels to Macau	30	64.1	110	61.9	82	66.1	82	72.3
(3) Vessels from China	60	62.5	32	65.6	44	62.1	64	76.6
(4) Vessels to China	60	65.7	37	70.8	41	79.1	105	75.1

Note:

(1) All measurements were Free field measurement

(2) The duration is the event with maximum measured noise level over the measurement period

(3) The greatest Lmax over the measurement period was selected for each of the events

(4) Period 0800-0900 is selected for worst case scenario.

Slant Distance (m) between the Identified NSRs and the Assumed Vessel Route

Floor*	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	175
3/F	126	135	N/A	150	N/A	N/A	N/A	191	N/A
4/F	126	135	N/A	150	N/A	N/A	N/A	191	N/A
5/F	127	135	N/A	150	N/A	N/A	N/A	192	N/A
6/F	127	136	139	151	N/A	145	N/A	192	N/A
7/F	128	136	140	151	134	146	199	192	N/A
8/F	129	137	141	152	135	147	200	193	N/A
9/F	129	N/A	141	153	136	147	200	193	N/A
10/F	130	N/A	142	153	137	148	201	194	N/A
11/F	131	N/A	143	154	138	149	202	194	N/A
12/F	132	N/A	144	155	139	150	202	195	N/A
13/F	133	N/A	145	156	140	151	203	N/A	N/A
14/F	134	N/A	146	156	141	N/A	204	N/A	N/A
15/F	135	N/A	147	157	142	N/A	205	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	205	N/A	N/A

Note:

Average Vessel Route is assumed 100m from the southern project boundary

(*) The lowest residential floor of identified NSRs is 3/F. The lowest floor of each parcel is based on the 1st assessment level shown in Table 4.9.

Predicted Maximum Noise Level from Vessel Passby to NSR ($L_{max}(NSR)$), dB(A)

$$L_{max}(NSR) = \text{Measured } L_{max} \text{ of relevant measurement location of the event} - 20\log(d1/d2) + FC$$

Note:

d1 = slant distance between the NSR and the assumed vessel route

d2 = distance between the source and the reference measurement location

Facade Correction (FC, +3) has been taken into account for each parcel, except for Parcel 50 (outdoor theatre)

No distance correction is applied for parcel 50, as the measurement locations M1 and M2 are the same location of these NSRs

L_{max} of Parcel 50 (outdoor theatre) are predicted same as the L_{max} of each event at measurement location M1 and M2.

Predicted Maximum Noise Level from Vessel Passby to NSR ($L_{max}(NSR)$), dB(A), Vessel from Macau

(1) Vessel from Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	62.9
3/F	67.7	67.1	N/A	62.3	N/A	N/A	N/A	57.1	N/A
4/F	67.7	67.1	N/A	62.2	N/A	N/A	N/A	57.1	N/A
5/F	67.6	67.1	N/A	62.2	N/A	N/A	N/A	57.1	N/A
6/F	67.6	67.0	62.9	62.2	N/A	59.5	N/A	57.1	N/A
7/F	67.6	67.0	62.8	62.2	63.2	59.5	56.8	57.1	N/A
8/F	67.5	67.0	62.8	62.1	63.1	59.4	56.7	57.0	N/A
9/F	67.5	N/A	62.7	62.1	63.1	59.4	56.7	57.0	N/A
10/F	67.4	N/A	62.7	62.1	63.0	59.4	56.7	57.0	N/A
11/F	67.4	N/A	62.6	62.0	63.0	59.3	56.7	57.0	N/A
12/F	67.3	N/A	62.6	62.0	62.9	59.3	56.6	56.9	N/A
13/F	67.2	N/A	62.5	61.9	62.9	59.2	56.6	N/A	N/A
14/F	67.2	N/A	62.5	61.9	62.8	N/A	56.6	N/A	N/A
15/F	67.1	N/A	62.4	61.8	62.7	N/A	56.5	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	56.5	N/A	N/A
Maximum	67.7	67.1	62.9	62.3	63.2	59.5	56.8	57.1	62.9

Predicted Maximum Noise Level from Vessel Passby to NSR (Lmax(NSR), dB(A), Vessel to Macau)

(2) Vessels to Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	64.1
3/F	72.6	72.0	N/A	66.0	N/A	N/A	N/A	59.6	N/A
4/F	72.6	72.0	N/A	65.9	N/A	N/A	N/A	59.6	N/A
5/F	72.5	72.0	N/A	65.9	N/A	N/A	N/A	59.6	N/A
6/F	72.5	71.9	66.6	65.9	N/A	62.0	N/A	59.6	N/A
7/F	72.5	71.9	66.5	65.9	66.9	62.0	59.3	59.6	N/A
8/F	72.4	71.9	66.5	65.8	66.8	61.9	59.2	59.5	N/A
9/F	72.4	N/A	66.4	65.8	66.8	61.9	59.2	59.5	N/A
10/F	72.3	N/A	66.4	65.8	66.7	61.9	59.2	59.5	N/A
11/F	72.3	N/A	66.3	65.7	66.7	61.8	59.2	59.5	N/A
12/F	72.2	N/A	66.3	65.7	66.6	61.8	59.1	59.4	N/A
13/F	72.1	N/A	66.2	65.6	66.6	61.7	59.1	N/A	N/A
14/F	72.1	N/A	66.2	65.6	66.5	N/A	59.1	N/A	N/A
15/F	72.0	N/A	66.1	65.5	66.4	N/A	59.0	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	59.0	N/A	N/A
Maximum	72.6	72.0	66.6	66.0	66.9	62.0	59.3	59.6	64.1

Predicted Maximum Noise Level from Vessel Passby to NSR (Lmax(NSR), dB(A), Vessels from China)

(3) Vessels from China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	62.5
3/F	76.9	76.3	N/A	62.0	N/A	N/A	N/A	63.3	N/A
4/F	76.9	76.3	N/A	61.9	N/A	N/A	N/A	63.3	N/A
5/F	76.8	76.3	N/A	61.9	N/A	N/A	N/A	63.3	N/A
6/F	76.8	76.2	62.6	61.9	N/A	65.7	N/A	63.3	N/A
7/F	76.8	76.2	62.5	61.9	62.9	65.7	63.0	63.3	N/A
8/F	76.7	76.2	62.5	61.8	62.8	65.6	62.9	63.2	N/A
9/F	76.7	N/A	62.4	61.8	62.8	65.6	62.9	63.2	N/A
10/F	76.6	N/A	62.4	61.8	62.7	65.6	62.9	63.2	N/A
11/F	76.6	N/A	62.3	61.7	62.7	65.5	62.9	63.2	N/A
12/F	76.5	N/A	62.3	61.7	62.6	65.5	62.8	63.1	N/A
13/F	76.4	N/A	62.2	61.6	62.6	65.4	62.8	N/A	N/A
14/F	76.4	N/A	62.2	61.6	62.5	N/A	62.8	N/A	N/A
15/F	76.3	N/A	62.1	61.5	62.4	N/A	62.7	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	62.7	N/A	N/A
Maximum	76.9	76.3	62.6	62.0	62.9	65.7	63.0	63.3	62.5

Predicted Maximum Noise Level from Vessel Passby to NSR (Lmax(NSR), dB(A), Vessels to China)

(4) Vessels to China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65.7
3/F	75.4	74.8	N/A	79.0	N/A	N/A	N/A	68.5	N/A
4/F	75.4	74.8	N/A	78.9	N/A	N/A	N/A	68.5	N/A
5/F	75.3	74.8	N/A	78.9	N/A	N/A	N/A	68.5	N/A
6/F	75.3	74.7	79.6	78.9	N/A	70.9	N/A	68.5	N/A
7/F	75.3	74.7	79.5	78.9	79.9	70.9	68.2	68.5	N/A
8/F	75.2	74.7	79.5	78.8	79.8	70.8	68.1	68.4	N/A
9/F	75.2	N/A	79.4	78.8	79.8	70.8	68.1	68.4	N/A
10/F	75.1	N/A	79.4	78.8	79.7	70.8	68.1	68.4	N/A
11/F	75.1	N/A	79.3	78.7	79.7	70.7	68.1	68.4	N/A
12/F	75.0	N/A	79.3	78.7	79.6	70.7	68.0	68.3	N/A
13/F	74.9	N/A	79.2	78.6	79.6	70.6	68.0	N/A	N/A
14/F	74.9	N/A	79.2	78.6	79.5	N/A	68.0	N/A	N/A
15/F	74.8	N/A	79.1	78.5	79.4	N/A	67.9	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	67.9	N/A	N/A
Maximum	75.4	74.8	79.6	79.0	79.9	70.9	68.2	68.5	65.7

Note:
N/A denotes Not Applicable

Marine Traffic Noise Measurement Results during 08:00 - 09:00

Event	M1		M2		M3		M4	
	Duration (s)	Lmax, dB(A)	Duration (s)	Lmax, dB(A)	Duration (s)	Lmax, dB(A)	Duration (s)	Lmax, dB(A)
(1) Vessel from Macau	60	62.9	37	59.4	60	62.4	79	67.4
(2) Vessels to Macau	30	64.1	110	61.9	82	66.1	82	72.3
(3) Vessels from China	60	62.5	32	65.6	44	62.1	64	76.6
(4) Vessels to China	60	65.7	37	70.8	41	79.1	105	75.1

Note:

- (1) All measurements were Free field measurement
- (2) The duration is the event with maximum measured noise level over the measurement period
- (3) The greatest Lmax over the measurement period was selected for each of the events
- (4) Period 0800-0900 is selected for worst case scenario.

Predicted Single Event Noise Exposure Level (L exposure level (measured), dB(A))

L exposure level (measured) = Lmax (measured) + 10log(Kd/V)

Note:

- Lmax (measured) = Measured Noise Level of Vessel Passby, dB(A)
- K = Empirical Constant = 2
- d = Perpendicular Distance between the Reference Measurement Location and the Source (m)
- V = Travelling Speed of Vessel, use of maximum speed for conservative approach (all maximum speeds are provided by the Marine Department)
- Max 15 knots (7.72 m/s) for Macau and China high speed vessel whitin Victoria Harbour
- Max 5 knots (2.57 m/s) for any vessels within the typhoon shelter

Predicted Single Event Noise Exposure Level (L exposure level (measured), dB(A), Vessel from Macau)

(1) Vessel from Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.5
3/F	86.0	86.0	N/A	76.7	N/A	N/A	N/A	73.7	N/A
4/F	86.0	86.0	N/A	76.7	N/A	N/A	N/A	73.7	N/A
5/F	86.0	86.0	N/A	76.7	N/A	N/A	N/A	73.7	N/A
6/F	86.0	86.0	76.7	76.7	N/A	73.7	N/A	73.7	N/A
7/F	86.0	86.0	76.7	76.7	76.7	73.7	73.7	73.7	N/A
8/F	86.0	86.0	76.7	76.7	76.7	73.7	73.7	73.7	N/A
9/F	86.0	N/A	76.7	76.7	76.7	73.7	73.7	73.7	N/A
10/F	86.0	N/A	76.7	76.7	76.7	73.7	73.7	73.7	N/A
11/F	86.0	N/A	76.7	76.7	76.7	73.7	73.7	73.7	N/A
12/F	86.0	N/A	76.7	76.7	76.7	73.7	73.7	73.7	N/A
13/F	86.0	N/A	76.7	76.7	76.7	73.7	73.7	N/A	N/A
14/F	86.0	N/A	76.7	76.7	76.7	N/A	73.7	N/A	N/A
15/F	86.0	N/A	76.7	76.7	76.7	N/A	73.7	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	73.7	N/A	N/A
Maximum	86.0	86.0	76.7	76.7	76.7	73.7	73.7	73.7	79.5

Predicted Single Event Noise Exposure Level (L exposure level (measured), dB(A), Vessel to Macau)

(2) Vessels to Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	80.7
3/F	90.9	90.9	N/A	80.4	N/A	N/A	N/A	76.2	N/A
4/F	90.9	90.9	N/A	80.4	N/A	N/A	N/A	76.2	N/A
5/F	90.9	90.9	N/A	80.4	N/A	N/A	N/A	76.2	N/A
6/F	90.9	90.9	80.4	80.4	N/A	76.2	N/A	76.2	N/A
7/F	90.9	90.9	80.4	80.4	80.4	76.2	76.2	76.2	N/A
8/F	90.9	90.9	80.4	80.4	80.4	76.2	76.2	76.2	N/A
9/F	90.9	N/A	80.4	80.4	80.4	76.2	76.2	76.2	N/A
10/F	90.9	N/A	80.4	80.4	80.4	76.2	76.2	76.2	N/A
11/F	90.9	N/A	80.4	80.4	80.4	76.2	76.2	76.2	N/A
12/F	90.9	N/A	80.4	80.4	80.4	76.2	76.2	76.2	N/A
13/F	90.9	N/A	80.4	80.4	80.4	76.2	76.2	N/A	N/A
14/F	90.9	N/A	80.4	80.4	80.4	N/A	76.2	N/A	N/A
15/F	90.9	N/A	80.4	80.4	80.4	N/A	76.2	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	76.2	N/A	N/A
Maximum	90.9	90.9	80.4	80.4	80.4	76.2	76.2	76.2	80.7

Predicted Single Event Noise Exposure Level (L exposure level (measured), dB(A), Vessels from China)

(3) Vessels from China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.1
3/F	95.2	95.2	N/A	76.4	N/A	N/A	N/A	79.9	N/A
4/F	95.2	95.2	N/A	76.4	N/A	N/A	N/A	79.9	N/A
5/F	95.2	95.2	N/A	76.4	N/A	N/A	N/A	79.9	N/A
6/F	95.2	95.2	76.4	76.4	N/A	79.9	N/A	79.9	N/A
7/F	95.2	95.2	76.4	76.4	76.4	79.9	79.9	79.9	N/A
8/F	95.2	95.2	76.4	76.4	76.4	79.9	79.9	79.9	N/A
9/F	95.2	N/A	76.4	76.4	76.4	79.9	79.9	79.9	N/A
10/F	95.2	N/A	76.4	76.4	76.4	79.9	79.9	79.9	N/A
11/F	95.2	N/A	76.4	76.4	76.4	79.9	79.9	79.9	N/A
12/F	95.2	N/A	76.4	76.4	76.4	79.9	79.9	79.9	N/A
13/F	95.2	N/A	76.4	76.4	76.4	79.9	79.9	N/A	N/A
14/F	95.2	N/A	76.4	76.4	76.4	N/A	79.9	N/A	N/A
15/F	95.2	N/A	76.4	76.4	76.4	N/A	79.9	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	79.9	N/A	N/A
Maximum	95.2	95.2	76.4	76.4	76.4	79.9	79.9	79.9	79.1

Predicted Single Event Noise Exposure Level (L exposure level (measured), dB(A), Vessels to China)

(4) Vessels to China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	82.3
3/F	93.7	93.7	N/A	93.4	N/A	N/A	N/A	85.1	N/A
4/F	93.7	93.7	N/A	93.4	N/A	N/A	N/A	85.1	N/A
5/F	93.7	93.7	N/A	93.4	N/A	N/A	N/A	85.1	N/A
6/F	93.7	93.7	93.4	93.4	N/A	85.1	N/A	85.1	N/A
7/F	93.7	93.7	93.4	93.4	93.4	85.1	85.1	85.1	N/A
8/F	93.7	93.7	93.4	93.4	93.4	85.1	85.1	85.1	N/A
9/F	93.7	N/A	93.4	93.4	93.4	85.1	85.1	85.1	N/A
10/F	93.7	N/A	93.4	93.4	93.4	85.1	85.1	85.1	N/A
11/F	93.7	N/A	93.4	93.4	93.4	85.1	85.1	85.1	N/A
12/F	93.7	N/A	93.4	93.4	93.4	85.1	85.1	85.1	N/A
13/F	93.7	N/A	93.4	93.4	93.4	85.1	85.1	N/A	N/A
14/F	93.7	N/A	93.4	93.4	93.4	N/A	85.1	N/A	N/A
15/F	93.7	N/A	93.4	93.4	93.4	N/A	85.1	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	85.1	N/A	N/A
Maximum	93.7	93.7	93.4	93.4	93.4	85.1	85.1	85.1	82.3

Note:
N/A denotes Not Applicable

Predicted Single Event Noise Exposure Level at NSR (L exposure level (NSR), dB(A))

$L_{\text{exposure level (NSR)}} = L_{\text{exposure level (measured)}} - DC + FC$

Note:
Distance Correction (DC) = $20\log(d1/d2)$
d1 = slant distance between the NSR and the assumed vessel route
d2 = distance between the source and the reference measurement location
Facade Correction (FC) = 3 dB(A) for all parcels except Parcel 50 (Outdoor Theatre)

Distance Correction (DC)

(1) Vessel from Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0
3/F	2.7	3.3	N/A	3.1	N/A	N/A	N/A	5.3	N/A
4/F	2.7	3.3	N/A	3.2	N/A	N/A	N/A	5.3	N/A
5/F	2.8	3.3	N/A	3.2	N/A	N/A	N/A	5.3	N/A
6/F	2.8	3.4	2.5	3.2	N/A	2.9	N/A	5.3	N/A
7/F	2.8	3.4	2.6	3.2	2.2	2.9	5.6	5.3	N/A
8/F	2.9	3.4	2.6	3.3	2.3	3.0	5.7	5.4	N/A
9/F	2.9	N/A	2.7	3.3	2.3	3.0	5.7	5.4	N/A
10/F	3.0	N/A	2.7	3.3	2.4	3.0	5.7	5.4	N/A
11/F	3.0	N/A	2.8	3.4	2.4	3.1	5.7	5.4	N/A
12/F	3.1	N/A	2.8	3.4	2.5	3.1	5.8	5.5	N/A
13/F	3.2	N/A	2.9	3.5	2.5	3.2	5.8	N/A	N/A
14/F	3.2	N/A	2.9	3.5	2.6	N/A	5.8	N/A	N/A
15/F	3.3	N/A	3.0	3.6	2.7	N/A	5.9	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	5.9	N/A	N/A

Note:
N/A denotes Not Applicable

Predicted Single Event Noise Exposure Level (L exposure level (NSR), dB(A), Vessel from Macau)

(1) Vessel from Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.5
3/F	86.3	85.7	N/A	76.6	N/A	N/A	N/A	71.4	N/A
4/F	86.2	85.7	N/A	76.5	N/A	N/A	N/A	71.4	N/A
5/F	86.2	85.6	N/A	76.5	N/A	N/A	N/A	71.4	N/A
6/F	86.2	85.6	77.2	76.5	N/A	73.8	N/A	71.4	N/A
7/F	86.1	85.6	77.1	76.5	77.5	73.8	71.1	71.4	N/A
8/F	86.1	85.5	77.1	76.4	77.5	73.7	71.1	71.4	N/A
9/F	86.0	N/A	77.1	76.4	77.4	73.7	71.0	71.3	N/A
10/F	86.0	N/A	77.0	76.4	77.3	73.7	71.0	71.3	N/A
11/F	85.9	N/A	77.0	76.3	77.3	73.6	71.0	71.3	N/A
12/F	85.9	N/A	76.9	76.3	77.2	73.6	70.9	71.3	N/A
13/F	85.8	N/A	76.8	76.2	77.2	73.5	70.9	N/A	N/A
14/F	85.7	N/A	76.8	76.2	77.1	N/A	70.9	N/A	N/A
15/F	85.6	N/A	76.7	76.1	77.0	N/A	70.8	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	70.8	N/A	N/A
Maximum	86.3	85.7	77.2	76.6	77.5	73.8	71.1	71.4	79.5

Predicted Single Event Noise Exposure Level (L exposure level (NSR), dB(A), Vessel to Macau)

(2) Vessels to Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	80.7
3/F	91.2	90.6	N/A	80.3	N/A	N/A	N/A	73.9	N/A
4/F	91.1	90.6	N/A	80.2	N/A	N/A	N/A	73.9	N/A
5/F	91.1	90.5	N/A	80.2	N/A	N/A	N/A	73.9	N/A
6/F	91.1	90.5	80.9	80.2	N/A	76.3	N/A	73.9	N/A
7/F	91.0	90.5	80.8	80.2	81.2	76.3	73.6	73.9	N/A
8/F	91.0	90.4	80.8	80.1	81.2	76.2	73.6	73.9	N/A
9/F	90.9	N/A	80.8	80.1	81.1	76.2	73.5	73.8	N/A
10/F	90.9	N/A	80.7	80.1	81.0	76.2	73.5	73.8	N/A
11/F	90.8	N/A	80.7	80.0	81.0	76.1	73.5	73.8	N/A
12/F	90.8	N/A	80.6	80.0	80.9	76.1	73.4	73.8	N/A
13/F	90.7	N/A	80.5	79.9	80.9	76.0	73.4	N/A	N/A
14/F	90.6	N/A	80.5	79.9	80.8	N/A	73.4	N/A	N/A
15/F	90.5	N/A	80.4	79.8	80.7	N/A	73.3	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	73.3	N/A	N/A
Maximum	91.2	90.6	80.9	80.3	81.2	76.3	73.6	73.9	80.7

Predicted Single Event Noise Exposure Level (L exposure level (NSR), dB(A), Vessels from China)

(3) Vessels from China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.1
3/F	95.5	94.9	N/A	76.3	N/A	N/A	N/A	77.6	N/A
4/F	95.4	94.9	N/A	76.2	N/A	N/A	N/A	77.6	N/A
5/F	95.4	94.8	N/A	76.2	N/A	N/A	N/A	77.6	N/A
6/F	95.4	94.8	76.9	76.2	N/A	80.0	N/A	77.6	N/A
7/F	95.3	94.8	76.8	76.2	77.2	80.0	77.3	77.6	N/A
8/F	95.3	94.7	76.8	76.1	77.2	79.9	77.3	77.6	N/A
9/F	95.2	N/A	76.8	76.1	77.1	79.9	77.2	77.5	N/A
10/F	95.2	N/A	76.7	76.1	77.0	79.9	77.2	77.5	N/A
11/F	95.1	N/A	76.7	76.0	77.0	79.8	77.2	77.5	N/A
12/F	95.1	N/A	76.6	76.0	76.9	79.8	77.1	77.5	N/A
13/F	95.0	N/A	76.5	75.9	76.9	79.7	77.1	N/A	N/A
14/F	94.9	N/A	76.5	75.9	76.8	N/A	77.1	N/A	N/A
15/F	94.8	N/A	76.4	75.8	76.7	N/A	77.0	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	77.0	N/A	N/A
Maximum	95.5	94.9	76.9	76.3	77.2	80.0	77.3	77.6	79.1

Predicted Single Event Noise Exposure Level (L exposure level (NSR), dB(A), Vessels to China)

(4) Vessels to China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	82.3
3/F	94.0	93.4	N/A	93.3	N/A	N/A	N/A	82.8	N/A
4/F	93.9	93.4	N/A	93.2	N/A	N/A	N/A	82.8	N/A
5/F	93.9	93.3	N/A	93.2	N/A	N/A	N/A	82.8	N/A
6/F	93.9	93.3	93.9	93.2	N/A	85.2	N/A	82.8	N/A
7/F	93.8	93.3	93.8	93.2	94.2	85.2	82.5	82.8	N/A
8/F	93.8	93.2	93.8	93.1	94.2	85.1	82.5	82.8	N/A
9/F	93.7	N/A	93.8	93.1	94.1	85.1	82.4	82.7	N/A
10/F	93.7	N/A	93.7	93.1	94.0	85.1	82.4	82.7	N/A
11/F	93.6	N/A	93.7	93.0	94.0	85.0	82.4	82.7	N/A
12/F	93.6	N/A	93.6	93.0	93.9	85.0	82.3	82.7	N/A
13/F	93.5	N/A	93.5	92.9	93.9	84.9	82.3	N/A	N/A
14/F	93.4	N/A	93.5	92.9	93.8	N/A	82.3	N/A	N/A
15/F	93.3	N/A	93.4	92.8	93.7	N/A	82.2	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	82.2	N/A	N/A
Maximum	94.0	93.4	93.9	93.3	94.2	85.2	82.5	82.8	82.3

Note:
N/A denotes Not Applicable

Predicted Noise Level for a period under consideration (Leq, 1 hour (NSR), dB(A))

$Leq, 1 \text{ hour (NSR)} = L \text{ exposure level (NSR)} - 10 \log T = L \text{ exposure level (NSR)} - 35.56$

Note:
T = period under consideration (3600s (1 hour))

Predicted Noise Level for a period under consideration (Leq, 1 hour (NSR), dB(A), Vessel from Macau)

(1) Vessel from Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	43.9
3/F	50.7	50.1	N/A	41.0	N/A	N/A	N/A	35.9	N/A
4/F	50.7	50.1	N/A	41.0	N/A	N/A	N/A	35.9	N/A
5/F	50.6	50.1	N/A	41.0	N/A	N/A	N/A	35.9	N/A
6/F	50.6	50.0	41.6	40.9	N/A	38.3	N/A	35.8	N/A
7/F	50.6	50.0	41.6	40.9	41.9	38.2	35.5	35.8	N/A
8/F	50.5	50.0	41.5	40.9	41.9	38.2	35.5	35.8	N/A
9/F	50.5	N/A	41.5	40.8	41.8	38.1	35.5	35.8	N/A
10/F	50.4	N/A	41.4	40.8	41.8	38.1	35.4	35.8	N/A
11/F	50.4	N/A	41.4	40.8	41.7	38.1	35.4	35.7	N/A
12/F	50.3	N/A	41.3	40.7	41.7	38.0	35.4	35.7	N/A
13/F	50.2	N/A	41.3	40.7	41.6	38.0	35.4	N/A	N/A
14/F	50.2	N/A	41.2	40.6	41.5	N/A	35.3	N/A	N/A
15/F	50.1	N/A	41.2	40.6	41.5	N/A	35.3	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	35.3	N/A	N/A
Maximum	50.7	50.1	41.6	41.0	41.9	38.3	35.5	35.9	43.9

Predicted Noise Level for a period under consideration (Leq, 1 hour (NSR), dB(A), Vessel to Macau)

(2) Vessels to Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	45.1
3/F	55.6	55.0	N/A	44.7	N/A	N/A	N/A	38.4	N/A
4/F	55.6	55.0	N/A	44.7	N/A	N/A	N/A	38.4	N/A
5/F	55.5	55.0	N/A	44.7	N/A	N/A	N/A	38.4	N/A
6/F	55.5	54.9	45.3	44.6	N/A	40.8	N/A	38.3	N/A
7/F	55.5	54.9	45.3	44.6	45.6	40.7	38.0	38.3	N/A
8/F	55.4	54.9	45.2	44.6	45.6	40.7	38.0	38.3	N/A
9/F	55.4	N/A	45.2	44.5	45.5	40.6	38.0	38.3	N/A
10/F	55.3	N/A	45.1	44.5	45.5	40.6	37.9	38.3	N/A
11/F	55.3	N/A	45.1	44.5	45.4	40.6	37.9	38.2	N/A
12/F	55.2	N/A	45.0	44.4	45.4	40.5	37.9	38.2	N/A
13/F	55.1	N/A	45.0	44.4	45.3	40.5	37.9	N/A	N/A
14/F	55.1	N/A	44.9	44.3	45.2	N/A	37.8	N/A	N/A
15/F	55.0	N/A	44.9	44.3	45.2	N/A	37.8	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	37.8	N/A	N/A
Maximum	55.6	55.0	45.3	44.7	45.6	40.8	38.0	38.4	45.1

Predicted Noise Level for a period under consideration (Leq, 1 hour (NSR), dB(A), Vessels from China)

(3) Vessels from China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	43.5
3/F	59.9	59.3	N/A	40.7	N/A	N/A	N/A	42.1	N/A
4/F	59.9	59.3	N/A	40.7	N/A	N/A	N/A	42.1	N/A
5/F	59.8	59.3	N/A	40.7	N/A	N/A	N/A	42.1	N/A
6/F	59.8	59.2	41.3	40.6	N/A	44.5	N/A	42.0	N/A
7/F	59.8	59.2	41.3	40.6	41.6	44.4	41.7	42.0	N/A
8/F	59.7	59.2	41.2	40.6	41.6	44.4	41.7	42.0	N/A
9/F	59.7	N/A	41.2	40.5	41.5	44.3	41.7	42.0	N/A
10/F	59.6	N/A	41.1	40.5	41.5	44.3	41.6	42.0	N/A
11/F	59.6	N/A	41.1	40.5	41.4	44.3	41.6	41.9	N/A
12/F	59.5	N/A	41.0	40.4	41.4	44.2	41.6	41.9	N/A
13/F	59.4	N/A	41.0	40.4	41.3	44.2	41.6	N/A	N/A
14/F	59.4	N/A	40.9	40.3	41.2	N/A	41.5	N/A	N/A
15/F	59.3	N/A	40.9	40.3	41.2	N/A	41.5	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	41.5	N/A	N/A
Maximum	59.9	59.3	41.3	40.7	41.6	44.5	41.7	42.1	43.5

Predicted Noise Level for a period under consideration (Leq, 1 hour (NSR), dB(A), Vessels to China)

(4) Vessels to China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	46.7
3/F	58.4	57.8	N/A	57.7	N/A	N/A	N/A	47.3	N/A
4/F	58.4	57.8	N/A	57.7	N/A	N/A	N/A	47.3	N/A
5/F	58.3	57.8	N/A	57.7	N/A	N/A	N/A	47.3	N/A
6/F	58.3	57.7	58.3	57.6	N/A	49.7	N/A	47.2	N/A
7/F	58.3	57.7	58.3	57.6	58.6	49.6	46.9	47.2	N/A
8/F	58.2	57.7	58.2	57.6	58.6	49.6	46.9	47.2	N/A
9/F	58.2	N/A	58.2	57.5	58.5	49.5	46.9	47.2	N/A
10/F	58.1	N/A	58.1	57.5	58.5	49.5	46.8	47.2	N/A
11/F	58.1	N/A	58.1	57.5	58.4	49.5	46.8	47.1	N/A
12/F	58.0	N/A	58.0	57.4	58.4	49.4	46.8	47.1	N/A
13/F	57.9	N/A	58.0	57.4	58.3	49.4	46.8	N/A	N/A
14/F	57.9	N/A	57.9	57.3	58.2	N/A	46.7	N/A	N/A
15/F	57.8	N/A	57.9	57.3	58.2	N/A	46.7	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	46.7	N/A	N/A
Maximum	58.4	57.8	58.3	57.7	58.6	49.7	46.9	47.3	46.7

Note:
N/A denotes Not Applicable

Predicted Total Noise Level for all Passby Vessels (Leq, 1 hour (total), dB(A))

Leq, 1 hour (total) = Leq, 1 hour (NSR) +10logN

Note:
N = Number of Vessel Passby within 1 hour (Period 0800-0900 is selected for worst case scenario as it contains the highest frequency over the day)
For Vessel from Macau, N = 2
For Vessel to Macau, N = 5
For Vessel from China, N = 4
For Vessel to China, N = 11

Predicted Total Noise Level for all Passby Vessels (Leq, 1 hour (total), dB(A), Vessel from Macau)

(1) Vessel from Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	46.9
3/F	53.7	53.1	N/A	44.0	N/A	N/A	N/A	38.9	N/A
4/F	53.7	53.1	N/A	44.0	N/A	N/A	N/A	38.9	N/A
5/F	53.6	53.1	N/A	44.0	N/A	N/A	N/A	38.9	N/A
6/F	53.6	53.1	44.6	43.9	N/A	41.3	N/A	38.8	N/A
7/F	53.6	53.0	44.6	43.9	44.9	41.2	38.5	38.8	N/A
8/F	53.5	53.0	44.5	43.9	44.9	41.2	38.5	38.8	N/A
9/F	53.5	N/A	44.5	43.9	44.9	41.2	38.5	38.8	N/A
10/F	53.4	N/A	44.5	43.8	44.8	41.1	38.5	38.8	N/A
11/F	53.4	N/A	44.4	43.8	44.7	41.1	38.4	38.7	N/A
12/F	53.3	N/A	44.3	43.7	44.7	41.0	38.4	38.7	N/A
13/F	53.2	N/A	44.3	43.7	44.6	41.0	38.4	N/A	N/A
14/F	53.2	N/A	44.2	43.6	44.6	N/A	38.3	N/A	N/A
15/F	53.1	N/A	44.2	43.6	44.5	N/A	38.3	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	38.3	N/A	N/A
Maximum	53.7	53.1	44.6	44.0	44.9	41.3	38.5	38.9	46.9

Predicted Total Noise Level for all Passby Vessels (Leq, 1 hour (total), dB(A), Vessel to Macau)

(2) Vessels to Macau	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	52.1
3/F	62.6	62.0	N/A	51.7	N/A	N/A	N/A	45.4	N/A
4/F	62.6	62.0	N/A	51.7	N/A	N/A	N/A	45.4	N/A
5/F	62.5	62.0	N/A	51.7	N/A	N/A	N/A	45.3	N/A
6/F	62.5	61.9	52.3	51.6	N/A	47.7	N/A	45.3	N/A
7/F	62.5	61.9	52.3	51.6	52.6	47.7	45.0	45.3	N/A
8/F	62.4	61.9	52.2	51.6	52.6	47.7	45.0	45.3	N/A
9/F	62.4	N/A	52.2	51.5	52.5	47.6	45.0	45.3	N/A
10/F	62.3	N/A	52.1	51.5	52.5	47.6	44.9	45.2	N/A
11/F	62.2	N/A	52.1	51.4	52.4	47.5	44.9	45.2	N/A
12/F	62.2	N/A	52.0	51.4	52.4	47.5	44.9	45.2	N/A
13/F	62.1	N/A	52.0	51.4	52.3	47.4	44.8	N/A	N/A
14/F	62.0	N/A	51.9	51.3	52.2	N/A	44.8	N/A	N/A
15/F	62.0	N/A	51.8	51.3	52.2	N/A	44.8	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	44.7	N/A	N/A
Maximum	62.6	62.0	52.3	51.7	52.6	47.7	45.0	45.4	52.1

Predicted Total Noise Level for all Passby Vessels (Leq, 1 hour (total), dB(A), Vessels from China)

(3) Vessels from China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	49.5
3/F	65.9	65.3	N/A	46.7	N/A	N/A	N/A	48.1	N/A
4/F	65.9	65.3	N/A	46.7	N/A	N/A	N/A	48.1	N/A
5/F	65.9	65.3	N/A	46.7	N/A	N/A	N/A	48.1	N/A
6/F	65.8	65.3	47.3	46.7	N/A	50.5	N/A	48.1	N/A
7/F	65.8	65.2	47.3	46.6	47.7	50.4	47.7	48.0	N/A
8/F	65.7	65.2	47.3	46.6	47.6	50.4	47.7	48.0	N/A
9/F	65.7	N/A	47.2	46.6	47.6	50.4	47.7	48.0	N/A
10/F	65.6	N/A	47.2	46.5	47.5	50.3	47.7	48.0	N/A
11/F	65.6	N/A	47.1	46.5	47.5	50.3	47.6	47.9	N/A
12/F	65.5	N/A	47.1	46.4	47.4	50.2	47.6	47.9	N/A
13/F	65.4	N/A	47.0	46.4	47.3	50.2	47.6	N/A	N/A
14/F	65.4	N/A	46.9	46.3	47.3	N/A	47.5	N/A	N/A
15/F	65.3	N/A	46.9	46.3	47.2	N/A	47.5	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	47.5	N/A	N/A
Maximum	65.9	65.3	47.3	46.7	47.7	50.5	47.7	48.1	49.5

Predicted Total Noise Level for all Passby Vessels (Leq, 1 hour (total), dB(A), Vessels to China)

(4) Vessels to China	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
Reference of Measurement Location	M4	M4	M3	M3	M3	M2	M2	M2	M1
Distance between the source and the reference measurement location (m)	92	92	104	104	104	104	104	104	175
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	57.1
3/F	68.8	68.2	N/A	68.1	N/A	N/A	N/A	57.7	N/A
4/F	68.8	68.2	N/A	68.1	N/A	N/A	N/A	57.7	N/A
5/F	68.8	68.2	N/A	68.1	N/A	N/A	N/A	57.7	N/A
6/F	68.7	68.2	68.7	68.1	N/A	60.1	N/A	57.7	N/A
7/F	68.7	68.1	68.7	68.0	69.1	60.0	57.3	57.6	N/A
8/F	68.6	68.1	68.7	68.0	69.0	60.0	57.3	57.6	N/A
9/F	68.6	N/A	68.6	68.0	69.0	60.0	57.3	57.6	N/A
10/F	68.5	N/A	68.6	67.9	68.9	59.9	57.3	57.6	N/A
11/F	68.5	N/A	68.5	67.9	68.8	59.9	57.2	57.5	N/A
12/F	68.4	N/A	68.5	67.8	68.8	59.8	57.2	57.5	N/A
13/F	68.3	N/A	68.4	67.8	68.7	59.8	57.2	N/A	N/A
14/F	68.3	N/A	68.3	67.7	68.7	N/A	57.1	N/A	N/A
15/F	68.2	N/A	68.3	67.7	68.6	N/A	57.1	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	57.1	N/A	N/A
Maximum	68.8	68.2	68.7	68.1	69.1	60.1	57.3	57.7	57.1

Note:
N/A denotes Not Applicable

Overall Predicted Noise Level for Marine Traffic (Leq, 1 hour (overall), dB(A))

Overall Predicted Noise Level	Parcel 2	Parcel 3	Parcel 10	Parcel 11	Parcel 13	Parcel 21	Parcel 26	Parcel 32	Parcel 50
G/F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	59.1
3/F	71.3	70.7	N/A	68.3	N/A	N/A	N/A	58.4	N/A
4/F	71.3	70.7	N/A	68.2	N/A	N/A	N/A	58.4	N/A
5/F	71.3	70.7	N/A	68.2	N/A	N/A	N/A	58.4	N/A
6/F	71.2	70.7	68.9	68.2	N/A	60.8	N/A	58.4	N/A
7/F	71.2	70.6	68.8	68.2	69.2	60.8	58.1	58.4	N/A
8/F	71.1	70.6	68.8	68.1	69.1	60.7	58.0	58.3	N/A
9/F	71.1	N/A	68.8	68.1	69.1	60.7	58.0	58.3	N/A
10/F	71.0	N/A	68.7	68.1	69.0	60.6	58.0	58.3	N/A
11/F	71.0	N/A	68.7	68.0	69.0	60.6	58.0	58.3	N/A
12/F	70.9	N/A	68.6	68.0	68.9	60.5	57.9	58.2	N/A
13/F	70.9	N/A	68.5	67.9	68.9	60.5	57.9	N/A	N/A
14/F	70.8	N/A	68.5	67.9	68.8	N/A	57.9	N/A	N/A
15/F	70.7	N/A	68.4	67.8	68.7	N/A	57.8	N/A	N/A
16/F	N/A	N/A	N/A	N/A	N/A	N/A	57.8	N/A	N/A
Maximum	71.3	70.7	68.9	68.3	69.2	60.8	58.1	58.4	59.1

Note:
N/A denotes Not Applicable