

IMPACT DESCRIPTION				Pre-Mitigation									Post Mitigation							Priority Factor Criteria			
Identifier	Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature2	Extent3	Duration4	Magnitude5	Reversibility6	Probability7	Post-mitigation ER	Confidence	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score	
1	Noise Impact on Plankton	Alternative 1	Operation	-1	2	1	2	1	2	-3	-1	2	1	2	1	2	-3	High	1	1	1.00	-3.00	
2	Noise Impacts on Marine Invertebrates - physiological injury	Alternative 1	Operation	-1	2	1	2	1	2	-3	-1	2	1	2	1	2	-2.5	High	1	1	1.00	-2.50	
3	Noise Impacts on Marine Invertebrates - behavioural avoidance	Alternative 1	Operation	-1	2	1	2	1	2	-3	-1	2	1	2	1	2	-2.5	Medium	1	1	1.00	-2.50	
4	Noise impacts on fish - physiological injury	Alternative 1	Operation	-1	2	1	3	1	2	-3.5	-1	2	1	2	1	1	-1.5	High	1	1	1.00	-1.50	
5	Noise impacts on fish - behavioural avoidance	Alternative 1	Operation	-1	2	1	3	1	3	-5.25	-1	2	1	2	1	2	-3	Medium	1	1	1.00	-3.00	
6	Noise impacts on fish - reproductive success	Alternative 1	Operation	-1	2	1	1	2	1	-1.5	-1	2	1	1	1	1	-1.25	Medium	1	1	1.00	-1.25	
7	Noise impacts on fish - masking of sounds	Alternative 1	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	Medium	1	1	1.00	-1.25	
8	Noise impacts on fish - food sources	Alternative 1	Operation	-1	2	1	2	1	1	-1.5	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25	
9	Noise impacts on Birds - physiological injury	Alternative 1	Operation	-1	2	1	2	2	2	-3.5	-1	2	1	1	1	2	-2.5	High	1	1	1.00	-2.50	
10	Noise impacts on Birds - behavioural avoidance	Alternative 1	Operation	-1	2	1	2	1	2	-3	-1	2	1	2	1	2	-2.5	High	1	1	1.00	-2.50	
11	Noise impacts on Birds - food sources	Alternative 1	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	Medium	1	1	1.00	-1.25	
12	Noise impact on turtles - physiological injury	Alternative 1	Operation	-1	2	1	2	1	2	-5.25	-1	2	1	1	1	2	-3	High	1	1	1.00	-3.00	
13	Noise impact on turtles - behavioural disturbance	Alternative 1	Operation	-1	2	1	2	1	2	-3.00	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25	
14	Noise impact on turtles - masking of sounds	Alternative 1	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	Medium	1	1	1.00	-1.25	
15	Noise impact on turtles - food sources	Alternative 1	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25	
16	Noise impact on seals - physiological injury	Alternative 1	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25	
17	Noise impact on seals - behavioural disturbance	Alternative 1	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25	
18	Noise impact on seals - masking of sounds	Alternative 1	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	Medium	1	1	1.00	-1.25	
19	Noise impact on seals - food sources	Alternative 1	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	Medium	1	1	1.00	-1.25	
20	Noise impact on mysticetes - physiological injury	Alternative 1	Operation	-1	2	1	4	3	4	-10.00	-1	2	1	2	2	1	-3.00	High	2	2	1.25	-3.75	
21	Noise impact on mysticetes - behavioural disturbance	Alternative 1	Operation	-1	3	1	4	3	4	-11.00	-1	3	1	2	2	1	-5.25	High	2	2	1.13	-5.91	
22	Noise impact on mysticetes - masking of sounds	Alternative 1	Operation	-1	3	1	4	1	4	-9.00	-1	3	1	3	1	3	-6.00	Medium	2	1	1.13	-6.75	
23	Noise impact on mysticetes - food sources	Alternative 1	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25	
24	Noise impact on odontocetes - physiological injury	Alternative 1	Operation	-1	3	1	3	3	4	-10.00	-1	3	1	2	2	3	-6.00	High	2	2	1.25	-7.50	
25	Noise impact on odontocetes - behavioural disturbance	Alternative 1	Operation	-1	4	1	3	3	4	-11.00	-1	4	1	2	2	3	-6.75	High	2	1	1.13	-7.59	
26	Noise impact on odontocetes - masking of sounds	Alternative 1	Operation	-1	3	1	3	1	4	-8.00	-1	3	1	2	1	3	-5.25	Medium	2	1	1.13	-5.91	
27	Noise impact on odontocetes - food sources	Alternative 1	Operation	-1	2	1	2	1	2	-3.00	-1	2	1	1	1	1	-1.25	Medium	1	1	1.00	-1.25	
28	Impacts of non-seismic noise	Alternative 1	Operation	-1	1	1	1	1	2	-2.00	-1	1	1	1	1	2	-2.00	Medium	1	1	1.00	-2.00	
29	Impact of vessel lighting	Alternative 1	Operation	-1	1	1	2	1	1	-1.25	-1	1	1	2	1	1	-1.25	High	1	1	1.00	-1.25	
30	Ballast water discharges	Alternative 1	Operation	-1	4	5	3	5	3	-12.75	-1	1	1	1	1	2	-1.25	High	3	2	1.38	-1.72	
31	Routine vessel discharges	Alternative 1	Operation	-1	1	1	2	1	1	-2.50	-1	1	1	1	1	1	-1.00	High	1	1	1.00	-1.00	
32	Vessel strikes and entanglement	Alternative 1	Operation	-1	2	1	2	1	1	-1.75	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25	
33	Loss of Equipment	Alternative 1	Operation	-1	2	2	2	1	1	-1.75	-1	1	2	1	1	1	-1.25	High	1	1	1.00	-1.25	
34	Release of diesel	Alternative 1	Operation	-1	3	1	3	1	1	-2.00	-1	3	1	1	1	1	-1.50	High	1	1	1.00	-1.50	
35	Job Creation	Alternative 1	Planning	1	3	1	1	1	1	1.50	1	4	1	3	1	1	2.25	High	1	1	1.00	2.25	
35	Job Creation	Alternative 1	Operation	1	4	1	3	1	1	2.25	1	4	1	3	1	1	2.25	High	1	1	1.00	2.25	
36	Noise Nuisance from Vessel and Helicopter Operations	Alternative 1	Planning	-1	2	1	1	1	1	-1.25	-1	1	1	1	1	1	-1.00	High	1	1	1.00	-1.00	
36	Noise Nuisance from Vessel and Helicopter Operations	Alternative 1	Operation	-1	2	2	2	1	3	-5.25	-1	2	2	1	1	2	-3.00	High	1	1	1.00	-3.00	
38	Disturbance of Potential Heritage Features	Alternative 1	Operation	-1	2	2	2	3	1	-2.25	-1	1	2	1	3	1	-1.75	High	1	1	1.00	-1.75	
39	Interference with Existing Uses	Alternative 1	Planning	-1	1	1	1	1	1	-1.00	-1	1	1	1	1	1	-1.00	High	1	1	1.00	-1.00	
39	Interference with Existing Uses	Alternative 1	Operation	-1	3	2	2	2	3	-6.75	-1	3	2	1	2	2	-4.00	High	1	1	1.00	-4.00	
41	Tuna Pole Fishery	Alternative 1	Operation	-1	4	2	2	2	1	-2.50	-1	4	2	1	2	1	-2.25	Medium	1	1	1.00	-2.25	
42	Fisheries Noise Emissions During Survey	Alternative 1	Operation	-1	4	2	2	2	1	-2.50	-1	4	2	1	2	1	-2.25	Medium	1	1	1.00	-2.25	
43	Exclusion from Fishing Ground Due to Temporary Safety Zone around Survey Vessels	Alternative 1	Operation	-1	4	2	2	2	1	-2.50	-1	4	2	1	2	1	-2.25	Medium	1	1	1.00	-2.25	
44	Atmospheric Emissions	Alternative 1	Operation	-1	2	1	1	1	2	-2.50	-1	1	1	1	1	2	-2.00	High	1	1	1.00	-2.00	