

Identifier	Discipline	Impact	Alternative	Phase	Pre-Nature	Pre-Extent	Pre-Duration	Pre-Magnitude	Pre-Reversibility	Pre-Probability	Pre-Mitigation ER	Post-Nature	Post-Extent	Post-Duration	Post-Magnitude	Post-Reversibility	Post-Probability	Post-mitigation ER	Confidence	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
1	Marine Ecology	Routine Operational Discharges to Sea	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
2	Marine Ecology	Discharge of Ballast Water from Vessels	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1
3	Marine Ecology	Noise from Helicopters	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
4	Marine Ecology	Lighting from Drill Unit and Vessels	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
5	Marine Ecology	Drilling and Placement of Infrastructure on the Seafloor	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
6	Marine Ecology	Disturbance and/or Smothering of soft-sediment benthic communities due to drilling solids discharge	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
7	Marine Ecology	Disturbance and/or Smothering of hardgrounds / deep-water reef communities due to drilling solids discharge	Alternative 1	Operation	-1	3	4	4	3	5	-17.5	-1	3	4	3	3	3	-9.75	High	1	1	1.00	-10
8	Marine Ecology	Biochemical Impacts of residual WBM, NADFs and cements additives on marine organisms in unconsolidated sediments	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1
9	Marine Ecology	Biochemical Impacts of residual WBM, NADFs and cements additives on marine organisms on hard grounds	Alternative 1	Operation	-1	3	4	4	3	5	-17.5	-1	3	4	3	3	3	-9.75	High	1	1	1.00	-10
10	Marine Ecology	Biochemical Impacts of residual WBM, NADFs and cements additives on marine organisms in the water column	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
11	Marine Ecology	Increased Water Turbidity and reduced Light Penetration on marine ecology	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
12	Marine Ecology	Reduced physiological functioning of marine organisms due to indirect biochemical effects in the sediments	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1
13	Marine Ecology	Disturbance, behavioural changes and avoidance of feeding and/or breeding areas in seabirds, seals, turtles and cetaceans due to drilling and vessel noise (continuous noise)	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
14	Marine Ecology	Impacts of infrastructure and residual cement on marine biodiversity	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
15	Marine Ecology	Impacts of flare lighting on marine fauna	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
16	Marine Ecology	Impact on marine fauna from the discharge of treated produced water	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
17	Marine Ecology	Impact on marine fauna from hydrocarbon 'drop-out'	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
18	Marine Ecology	Unplanned Collision of Vessels with Marine Fauna	Alternative 1	Operation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
19	Marine Ecology	Unplanned Loss of Equipment	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
20	Marine Ecology	Unplanned Oil release to the sea due to vessel collisions, bunkering accident and line / pipe rupture	Alternative 1	Operation	-1	4	3	5	1	3	-9.75	-1	3	1	1	1	2	-3	High	1	1	1.00	-3
21	Marine Ecology	Unplanned Well Blow-out	Alternative 1	Operation	-1	5	4	4	4	5	-21.3	-1	4	3	4	4	4	-15	High	1	1	1.00	-15
22	Social	Social unrest and community conflict	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
23	Social	Negative perceptions	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
24	Social	Uncertainty	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
25	Social	Further marginalisation of vulnerable groups	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
26	Social	Concerns about cumulative impacts on their livelihoods and sense and spirit of place	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
27	Social	Concerns about industrial accidents	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
28	Social	Impacts on sense and spirit of place	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
29	Social	Impacts on social license to operate	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
30	Social	Stakeholder fatigue and disillusionment	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
31	Social	Community expectations regarding perceived benefits of projects	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
32	Social	Potential influx of people	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
33	Social	Gender impacts	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
34	Social	Economic benefits	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
35	Social	Diversification of economic activities	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
36	Social	Impacts on mental health	Alternative 1	Operation	-1	4	4	4	3	3	-11.3	-1	4	3	3	3	3	-9.75	Medium	1	1	1.00	-10
37	Social	Job Creation	Alternative 1	Operation	1	1	1	1	1	2	2	1	1	1	1	1	2	2	Medium	1	1	1.00	2
38	Heritage	Disturbance of Potential Heritage Features	Alternative 1	Operation	-1	1	5	4	4	1	-3.5	-1	1	5	4	4	1	-3.5	Medium	1	1	1.00	-3.5
39	Heritage	Cultural heritage impact of drilling	Alternative 1	Operation	-1	1	3	4	4	4	-12	-1	1	3	4	4	2	-6	Medium	1	1	1.00	-6
40	General	Interference with Existing Uses	Alternative 1	Operation	-1	1	1	1	1	2	-2	-1	1	1	1	1	2	-2	High	1	1	1.00	-2
41	Fisheries	Impacts on the fishing sector catch rates (tuna pole and large pelagic longline).	Alternative 1	Operation	-1	1	2	2	2	2	-3.5	-1	1	2	2	2	2	-3.5	High	1	1	1.00	-3.5
42	Fisheries	Exclusion from Fishing Ground Due to Temporary Safety Zone around Vessels	Alternative 1	Operation	-1	1	2	3	2	2	-4	-1	1	2	1	1	2	-2.5	High	1	1	1.00	-2.5
43	Air Quality	Atmospheric Emissions and Climate Change	Alternative 1	Operation	-1	5	3	2	2	1	-3	-1	5	3	2	2	1	-3	Medium	1	1	1.00	-3