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	Mobilisation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3.00
2	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	-3.00
3	Marine Ecology	Routine Operational Discharges to Sea	Alternative 1	Decommissioning	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3.00
4	Marine Ecology	Discharge of Ballast Water from Vessels	Alternative 1	Mobilisation	-1	4	2	1	1	2	-4	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25
5	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	-3.00
6	Marine Ecology	Lighting from Drill Unit and Vessels	Alternative 1	Mobilisation	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3.00
7	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	-3.00
8	Marine Ecology	Lighting from Drill Unit and Vessels	Alternative 1	Decommissioning	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3.00
9	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	-3.00
10	Marine Ecology	Drilling and Placement of Infrastructure on the Seafloor	Alternative 1	Rehab and Closure	-1	4	2	1	1	2	-4	-1	3	1	1	1	2	-3	High	1	1	1.00	-3.00
11	Marine Ecology	Disturbance and/or Smothering of soft-sediment benthic communities due to drilling solids discharge	Alternative 1	Operation	-1	2	4	3	3	5	-15	-1	2	4	3	3	5	-15	High	1	1	1.00	-15.00
12	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	-9.75
13	Marine Ecology	Biochemical Impacts of residual WBMs, 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	-1.25
14	Marine Ecology	Biochemical Impacts of residual WBMs, NADFs and cements additives on marine organisms on hard grounds	Alternative 1	Operation	-1	3	4	4	2	3	-9.75	-1	3	4	4	2	3	-9.75	High	1	1	1.00	-9.75
15	Marine Ecology	Biochemical Impacts of residual WBMs, 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	-1.25
16	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	-1.25
17	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	-4.00	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25
18	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	Mobilisation	-1	4	2	1	1	2	-4.00	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
19	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	-4.00	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
20	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	Decommissioning	-1	4	2	1	1	2	-4.00	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
21	Marine Ecology	Disturbance and behavioural changes in seabirds, seals, turtles and cetaceans due to Geophysical Surveys and Vertical Seismic Profiling (impulsive noise)	Alternative 1	Operation	-1	3	2	3	1	3	-6.75	-1	3	2	2	1	3	-6.00	High	2	1	1.13	-6.75
22	Marine Ecology	Impacts of infrastructure and residual cement on marine biodiversity - Wellhead removal	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
23	Marine Ecology	Impacts of infrastructure and residual cement on marine biodiversity - Wellhead removal	Alternative 1	Decommissioning	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25
24	Marine Ecology	Impacts of infrastructure and residual cement on marine biodiversity - Wellhead Abandonment	Alternative 2	Operation	-1	2	5	2	2	1	-2.75	-1	2	5	1	1	1	-2.25	High	1	1	1.00	-2.25
25	Marine Ecology	Impacts of infrastructure and residual cement on marine biodiversity - Wellhead Abandonment	Alternative 2	Decommissioning	-1	2	5	2	2	1	-2.75	-1	2	5	1	1	1	-2.25	High	1	1	1.00	-2.25
26	Marine Ecology	Impacts of flare lighting on marine fauna	Alternative 1	Operation	-1	4	2	1	1	2	-4.00	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
27	Marine Ecology	Impact on marine fauna from the discharge of treated produced water	Alternative 1	Operation	-1	4	2	1	1	2	-4.00	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
28	Marine Ecology	Impact on marine fauna from hydrocarbon ‘drop-out’	Alternative 1	Operation	-1	4	2	1	1	2	-4.00	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
29	Marine Ecology	Unplanned Collision of Vessels with Marine Fauna	Unplanned	Mobilisation	-1	4	2	1	1	2	-4.00	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
30	Marine Ecology	Unplanned Collision of Vessels with Marine Fauna	Unplanned	Operation	-1	4	2	1	1	2	-4.00	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
31	Marine Ecology	Unplanned Collision of Vessels with Marine Fauna	Unplanned	Decommissioning	-1	4	2	1	1	2	-4.00	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00

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32	Marine Ecology	Unplanned Loss of Equipment	Unplanned	Mobilisation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25
33	Marine Ecology	Unplanned Loss of Equipment	Unplanned	Operation	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25
34	Marine Ecology	Unplanned Loss of Equipment	Unplanned	Decommissioning	-1	2	1	1	1	1	-1.25	-1	2	1	1	1	1	-1.25	High	1	1	1.00	-1.25
35	Marine Ecology	Unplanned Oil release to the sea due to vessel collisions, bunkering accident and line / pipe rupture	Unplanned	Mobilisation	-1	4	3	5	1	3	-9.75	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
36	Marine Ecology	Unplanned Oil release to the sea due to vessel collisions, bunkering accident and line / pipe rupture	Unplanned	Operation	-1	4	3	5	1	3	-9.75	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
37	Marine Ecology	Unplanned Oil release to the sea due to vessel collisions, bunkering accident and line / pipe rupture	Unplanned	Decommissioning	-1	4	3	5	1	3	-9.75	-1	3	1	1	1	2	-3.00	High	1	1	1.00	-3.00
38	Marine Ecology	Unplanned Well Blow-out Condensate	Unplanned	Operation	-1	5	3	4	4	4	-16.00	-1	4	3	4	4	4	-15.00	High	1	1	1.00	-15.00
38.1	**Marine Ecology**	**Unplanned Well Blow-out Crude Oil**	**Unplanned**	**Operation**	**-1**	**5**	**3**	**5**	**4**	**5**	**-21.25**	**-1**	**4**	**3**	**4**	**4**	**4**	**-15.00**	**High**	**1**	**1**	**1.00**	**-15.00**
39	Fisheries	Impacts on the fishing sector catch rates (tuna pole and large pelagic longline.	Alternative 1	Operation	-1	1	2	2	2	2	-3.50	-1	1	2	2	2	2	-3.50	High	1	1	1.00	-3.50
40	Fisheries	Exclusion from Fishing Ground Due to Temporary Safety Zone around Vessels - Large Pelagic Longline	Alternative 1	Operation	-1	1	2	3	2	4	-8.00	-1	1	2	1	1	4	-5.00	High	2	1	1.13	-5.63
41	Fisheries	Discharge of Drill Cuttings	Alternative 1	Operation	-1	1	2	1	1	2	-2.50	-1	1	1	2	1	2	-2.50	Medium	1	1	1.00	-2.50
42	Fisheries	Vessel and Drilling Noise	Alternative 1	Mobilisation	-1	1	2	3	1	3	-5.25	-1	1	2	3	1	3	-5.25	Medium	1	1	1.00	-5.25
43	Fisheries	Vessel and Drilling Noise	Alternative 1	Operation	-1	1	2	3	1	3	-5.25	-1	1	2	3	1	3	-5.25	Medium	1	1	1.00	-5.25
44	Fisheries	Vessel and Drilling Noise	Alternative 1	Decommissioning	-1	1	2	3	1	3	-5.25	-1	1	2	3	1	3	-5.25	Medium	1	1	1.00	-5.25
45	Fisheries	Vertical Seismic Profiling Noise	Alternative 1	Operation	-1	1	2	3	1	4	-7.00	-1	1	2	3	1	2	-3.50	Medium	1	1	1.00	-3.50
46	Fisheries	Sonar Survey (MBES) Noise	Alternative 1	Operation	-1	1	2	3	1	4	-7.00	-1	1	2	2	1	3	-4.50	Medium	1	1	1.00	-4.50
47	Fisheries	Impact on fisheries of small scale hydrocarbon spill	Unplanned	Operation	-1	4	3	4	1	3	-9.00	-1	4	3	4	1	2	-6.00	Medium	1	1	1.00	-6.00
48	Fisheries	Impact on fisheries of large-scale hydrocarbon spill (condensate)	Unplanned	Operation	-1	4	2	5	3	3	-10.50	-1	4	2	5	3	3	-10.50	Medium	3	2	1.38	-14.44
48.1	Fisheries	Impact on fisheries of large-scale hydrocarbon spill (crude oil)	Unplanned	Operation	-1	5	3	5	3	5	-20.00	-1	4	2	5	3	3	-10.50	Medium	3	2	1.38	-14.44
49	Fisheries	Loss of Equipment	Unplanned	Operation	-1	2	2	2	2	3	-6.00	-1	2	2	1	2	2	-3.50	Medium	1	1	1.00	-3.50
50	Cultural Heritage	Cultural heritage impact of drilling - Normal Operations	Alternative 1	Operation	-1	4	2	4	3	4	-13.00	-1	4	2	2	3	3	-8.25	High	2	1	1.13	-9.28
51	Cultural Heritage	Cultural heritage impact of drilling - Unplanned Events	Unplanned	Operation	-1	5	2	5	4	5	-20.00	-1	4	2	5	4	2	-7.50	High	3	1	1.25	-9.38
52	Maritime Heritage	Damage to or Loss of Palaeontological Materials	Alternative 1	Operation	1	1	5	1	5	1	3.00	1	1	5	1	5	1	3.00	High	1	1	1.00	3.00
53	Maritime Heritage	Damage to or Loss of Maritime Archaeological Sites or Material	Alternative 1	Operation	-1	1	1	1	1	1	-1.00	-1	1	1	1	1	1	-1.00	High	1	1	1.00	-1.00
54	Social	Impact of oils spills or unplanned events on the livelihoods of the fishers	Unplanned	Operation	-1	4	3	4	3	3	-10.50	-1	3	2	2	3	2	-5.00	High	2	2	1.25	-6.25
54.1	**Social**	**Impact of well blow out on the fishing industry (worst case scenario)**	**Unplanned**	**Operation**	**-1**	**5**	**3**	**5**	**4**	**5**	**-21.25**	**-1**	**5**	**3**	**4**	**3**	**2**	**-7.50**	**High**	**2**	**2**	**1.25**	**-9.38**
55	Social	Add impact to impact summary table, Appendix 3, exec summary, NTS, EMPr.	Alternative 1	Operation	-1	5	2	3	3	4	-13.00	-1	4	2	3	2	3	-8.25	High	3	1	1.25	-10.31
56	Social	Impact on the cohesion in the community	Alternative 1	Operation	-1	5	3	3	3	4	-14.00	-1	4	2	3	2	4	-11.00	High	2	2	1.25	-13.75
57	Economic	Stimulation of economic activity (additional business sales) throughout the exploration industry's value chain for the duration of the survey operations	Alternative 1	Planning	1	2	1	2	1	1	1.50	1	2	1	2	1	1	1.50		1	1	1.00	1.50
58	Economic	Impact on commercial fishing operators targeting large pelagic longline fish species because of reduced fishing grounds and potential lowered catch potential	Alternative 1	Planning	-1	2	1	2	1	1	-1.50	-1	2	1	1	1	1	-1.25		1	1	1.00	-1.25
59	Economic	Impact on maritime logistics operations because of disrupted shipping routes to major ports along the South African coast. Alternate routes could impact on the economic efficiency of maritime logistics	Alternative 1	Planning	-1	2	1	2	1	1	-1.50	-1	2	1	1	1	1	-1.25		1	1	1.00	-1.25
60	Economic	The establishment of the onshore logistics base will create temporary employment opportunities for skilled labour	Alternative 1	Mobilisation	1	3	1	2	2	4	8.00	1	4	1	3	2	4	10.00		2	1	1.13	11.25

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61	Economic	Employment opportunities created by the logistics base will provide compensation to employees that will contribute toward household livelihoods and their access to services and amenities	Alternative 1	Mobilisation	1	3	1	3	2	3	6.75	1	3	1	4	2	3	7.50		2	1	1.13	8.44
62	Economic	The economic activity stimulated by the sourcing of inputs for exploration activities will increase the fiscus of government through fiscal benefits in the form of taxation (personal, business, production, product, imports, etc)	Alternative 1	Mobilisation	1	5	1	3	1	4	10.00	1	5	1	4	1	4	11.00		2	1	1.13	12.38
63	Economic	The sourcing of materials, equipment and associated services will generate additional business sales throughout the exploration industry's value chain – businesses providing inputs to the exploration industry will benefit from an increase in sales and economic output	Alternative 1	Mobilisation	1	5	1	3	1	4	10.00	1	5	1	4	1	4	11.00		2	1	1.13	12.38
64	Economic	Additional employment opportunities could be created throughout the exploration industry's value chain due to increased demand generated for goods and services	Alternative 1	Mobilisation	1	5	1	2	2	2	5.00	1	5	1	2	2	2	5.00		2	1	1.13	5.63
65	Economic	The demand for bulk services contributes to the fiscus of the local authority or providing agent	Alternative 1	Mobilisation	1	3	1	2	1	4	7.00	1	3	1	3	1	4	8.00		2	1	1.13	9.00
66	Economic	The increased demand on bulk infrastructure requires additional investment to accommodate additional demand. Additional demand is accompanied by an increased maintenance burden	Alternative 1	Mobilisation	-1	3	1	2	1	3	-5.25	-1	3	1	2	1	3	-5.25		2	1	1.13	-5.91
67	Economic	The operational phase of the exploration activity will generate demand for goods and services necessary to sustain operational activities. This sustained demand over the operational period of exploration could lead to additional business sales throughout the exploration industry's value chain (increased economic output, production and gross value added)	Alternative 1	Operation	1	5	2	4	1	4	12.00	1	5	2	5	1	4	13.00		2	1	1.13	14.63
68	Economic	New employment opportunities throughout the exploration industry's value chain could be stimulated as a result of the increased demand generated by the proposed exploration activity	Alternative 1	Operation	1	5	2	3	1	3	8.25	1	5	2	4	1	3	9.00		2	1	1.13	10.13
69	Economic	The logistics base of the exploration activity sustains skilled employment opportunities for the duration of exploration activities	Alternative 1	Operation	1	2	2	3	1	4	8.00	1	2	2	4	1	4	9.00		2	1	1.13	10.13
70	Economic	The employment opportunities created directly (i.e. through the projects logistics base) or indirectly (i.e. throughout the exploration industry's value chain) by the proposed exploration activity provides compensation to employees which in turn assists with maintaining household livelihoods (i.e. access to services and amenities)	Alternative 1	Operation	1	5	2	3	1	3	8.25	1	5	2	4	1	4	12.00		2	1	1.13	13.50
71	Economic	The exploration activity through its expenditure during its operation phase stimulates economic activity throughout its value chain and as a result increases the fiscal value (i.e. taxes) collected by government	Alternative 1	Operation	1	5	2	4	1	4	12.00	1	5	2	4	1	4	12.00		2	1	1.13	13.50
72	Economic	The exploration activity further contributes toward a basic sector of the economy and therefore assists with maintaining the economic functionality of the receiving economy by providing a basis from which SMME development could occur	Alternative 1	Operation	1	4	2	2	1	2	4.50	1	4	2	3	1	3	7.50		2	1	1.13	8.44
73	Economic	The demand for bulk services contributes to the fiscus of the local authority or providing agent	Alternative 1	Operation	1	3	1	2	1	4	7.00	1	3	1	3	1	4	8.00		2	1	1.13	9.00
74	Economic	The increased demand on bulk infrastructure requires additional investment to accommodate additional demand. Additional demand is accompanied by an increased maintenance burden	Alternative 1	Operation	-1	3	1	2	1	3	-5.25	-1	3	1	2	1	3	-5.25		2	1	1.13	-5.91
75	Economic	The proposed exploration activity could lead to reduced fishing grounds and catch potential for the large pelagic longline fishing industry, which, in turn, may result in decreased economic productivity for the receiving economy's fishing industry. As a consequence, the demand for inputs to the fishing industry and the outputs from the industry may be impacted (limiting business sales, economic output and gross value added). The impact is viewed as a temporary impact given that exploration activities will not be a long-term sustained operation	Alternative 1	Operation	-1	4	2	3	2	2	-5.50	-1	4	2	2	2	1	-2.50		2	1	1.13	-2.81
76	Economic	Due to the temporary decrease of economic productivity in the receiving economy's large pelagic longline fishing industry, the demand for employment throughout the industry's value chain could be lowered, affecting the availability of employment opportunities	Alternative 1	Operation	-1	5	2	2	2	2	-5.50	-1	5	2	1	1	1	-2.25		2	1	1.13	-2.53

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
77	Economic	Due to the temporary decreased of economic productivity in the receiving economy's large pelagic longline fishing industry and the subsequent lowering of demand for employment in the industry, the compensation of employees and income of households dependent on the industry could be lowered, impacting on the capability of households to sustain livelihoods	Alternative 1	Operation	-1	5	2	2	2	2	-5.50	-1	5	2	1	2	2	-5.00		2	1	1.13	-5.63
78	Economic	Due to the temporary decreased of economic productivity in the receiving economy's large pelagic longline fishing industry, the fiscal value that government receives (e.g. taxation of productions, production, businesses and employees) as a result of economic activity throughout the industry's value chain could be diminished	Alternative 1	Operation	-1	5	2	2	1	2	-5.00	-1	5	2	2	1	2	-5.00		2	1	1.13	-5.63
79	Economic	The temporary decrease of economic productivity in the receiving economy's large pelagic longline fishing industry could temporarily diminish the demand for new business (SMME) development due to limited scope with which business sales can be stimulated	Alternative 1	Operation	-1	5	2	1	1	1	-2.25	-1	5	2	1	1	1	-2.25		2	1	1.13	-2.53
80	Economic	The proposed exploration activities' area of interest overlaps with established and commonly used shipping routes. This overlap may result in disruptions to shipping operations, as vessels may need to use alternative routes. Such deviations can diminish operational efficiency and subsequently reduce the economic output (limiting business sales, economic output and gross value added) within the receiving economy's transport and storage industry. The impact is viewed as a temporary impact given that exploration activities will not be a long-term sustained operation	Alternative 1	Operation	-1	5	2	3	1	3	-8.25	-1	5	2	2	1	2	-5.00		2	1	1.13	-5.63
81	Economic	Due to the temporary decrease of economic productivity in the receiving economy's transport and storage industry, the demand for employment throughout the industry's value chain could be lowered, affecting the availability of employment opportunities	Alternative 1	Operation	-1	5	2	2	1	2	-5.00	-1	5	2	1	1	1	-2.25		2	1	1.13	-2.53
82	Economic	Due to the temporary decreased of economic productivity in the receiving economy's transport and storage industry and the subsequent lowering of demand for employment in the industry, the compensation of employees and income of households dependent on the industry could be lowered, impacting on the capability of households to sustain livelihoods	Alternative 1	Operation	-1	5	2	2	2	2	-5.50	-1	5	2	1	2	2	-5.00		2	1	1.13	-5.63
83	Economic	Due to the temporary decreased of economic productivity in the receiving economy's transport and storage industry, the fiscal value that government receives (e.g. taxation of productions, production, businesses and employees) as a result of economic activity throughout the industry's value chain could be diminished	Alternative 1	Operation	-1	5	2	3	1	2	-5.50	-1	5	2	3	1	2	-5.50		2	1	1.13	-6.19
84	Economic	The temporary decrease of economic productivity in the receiving economy's transport and storage industry could temporarily diminish the demand for new business (SMME) development due to limited scope with which business sales can be stimulated	Alternative 1	Operation	-1	5	2	1	1	1	-2.25	-1	5	2	1	1	1	-2.25		2	1	1.13	-2.53
85	Economic	The oil spill response activity could generate demand for goods and services necessary to sustain operational activities. This sustained demand over the response period of exploration could lead to additional business sales throughout the response industry's value chain (increased economic output, production and gross value added) **(condensate)**	Unplanned	Operation	1	5	1	**2**	1	**1**	**2.25**	1	5	1	**3**	1	**1**	**2.50**		2	1	1.13	**2.81**
85.1	**Economic**	**The oil spill response activity could generate demand for goods and services necessary to sustain operational activities. This sustained demand over the response period of exploration could lead to additional business sales throughout the response industry's value chain (increased economic output, production and gross value added) (crude oil)**	**Unplanned**	**Operation**	**1**	**5**	**1**	**2**	**1**	**1**	**2.25**	**1**	**5**	**1**	**3**	**1**	**1**	**2.50**		**2**	**1**	**1.13**	**2.81**
86	Economic	New employment opportunities throughout the response industry's value chain could be stimulated as a result of the increased demand generated by the response activity **(condensate)**	Unplanned	Operation	1	5	1	**1**	1	3	**6.00**	1	5	1	**1**	1	3	**6.00**		2	1	1.13	**6.75**
86.1	**Economic**	**New employment opportunities throughout the response industry's value chain could be stimulated as a result of the increased demand generated by the response activity (crude oil)**	**Unplanned**	**Operation**	**1**	**5**	**1**	**1**	**1**	**3**	**6.00**	**1**	**5**	**1**	**1**	**1**	**3**	**6.00**		**2**	**1**	**1.13**	**6.75**

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
87	Economic	The employment opportunities created directly or indirectly by the response activity provides compensation to employees which in turn assists with maintaining household livelihoods (i.e., access to services and amenities) **(condensate)**	Unplanned	Operation	1	5	1	1	1	1	2.00	1	5	1	2	1	1	2.25		2	1	1.13	2.53
87.1	**Economic**	**The employment opportunities created directly or indirectly by the response activity provides compensation to employees which in turn assists with maintaining household livelihoods (i.e., access to services and amenities) (crude oil)**	**Unplanned**	**Operation**	**1**	**5**	**1**	**1**	**1**	**1**	**2.00**	**1**	**5**	**1**	**2**	**1**	**1**	**2.25**		**2**	**1**	**1.13**	**2.53**
88	Economic	A well blow-out event could lead to reduced fishing grounds and catch potential for the large pelagic longline fishing industry, which, in turn, may result in decreased economic productivity for the receiving economy's fishing industry. As a consequence, the demand for inputs to the fishing industry and the outputs from the industry may be impacted (limiting business sales, economic output and gross value added). The impact is viewed as a temporary impact given that the well blow-out event might not be a long-term sustained event **(condensate)**	Unplanned	Operation	-1	5	1	2	1	1	-2.25	-1	5	1	2	1	1	-2.25		2	1	1.13	-2.53
88.1	**Economic**	**A well blow-out event could lead to reduced fishing grounds and catch potential for the large pelagic longline fishing industry, which, in turn, may result in decreased economic productivity for the receiving economy's fishing industry. As a consequence, the demand for inputs to the fishing industry and the outputs from the industry may be impacted (limiting business sales, economic output and gross value added). The impact is viewed as a temporary impact given that the well blow-out event might not be a long-term sustained event (crude oil)**	**Unplanned**	**Operation**	**-1**	**5**	**1**	**4**	**3**	**1**	**-3.25**	**-1**	**5**	**1**	**2**	**1**	**1**	**-2.25**		**2**	**1**	**1.13**	**-2.53**
89	Economic	The potential area that is affected by a well blow-out event overlaps with established and commonly used shipping routes. This overlap may result in disruptions to shipping operations, as vessels may need to use alternative routes. Such deviations can diminish operational efficiency and subsequently reduce the economic output (limiting business sales, economic output and gross value added) within the receiving economy's transport and storage industry. The impact is viewed as a temporary impact given that exploration activities will not be a long-term sustained operation **(condensate)**	Unplanned	Operation	-1	5	1	2	1	1	-2.25	-1	4	1	3	3	1	-2.75		2	1	1.13	-3.09
89.1	**Economic**	**The potential area that is affected by a well blow-out event overlaps with established and commonly used shipping routes. This overlap may result in disruptions to shipping operations, as vessels may need to use alternative routes. Such deviations can diminish operational efficiency and subsequently reduce the economic output (limiting business sales, economic output and gross value added) within the receiving economy's transport and storage industry. The impact is viewed as a temporary impact given that exploration activities will not be a long-term sustained operation (crude oil)**	**Unplanned**	**Operation**	**-1**	**5**	**2**	**4**	**3**	**1**	**-3.50**	**-1**	**4**	**2**	**3**	**3**	**1**	**-3.00**		**2**	**1**	**1.13**	**-3.38**
89.2	**Economic**	**The potential area that is affected by a crude oil well blow-out event overlaps with established and commonly used cruise tourism routes. This overlap may result in disruptions to cruise line operations, as vessels may need to use alternative routes, or temporarily postpone trips along popular routes. Such deviations can diminish operational efficiency and subsequently affect economic activity (limiting business sales, economic output and gross value added) within the receiving economy's tourism and transport and storage industry. The impact is viewed as a temporary impact given that the majority of surface oil has evaporated, biodegraded and dispersed after 60 days thereby reducing the area affected by an oil spill event (crude oil)**	**Unplanned**	**Operation**	**-1**	**5**	**1**	**4**	**3**	**1**	**-3.25**	**-1**	**4**	**1**	**3**	**3**	**1**	**-2.75**		**2**	**1**	**1.13**	**-3.09**
90	Air Quality	Atmospheric Emissions **(routine)**	Alternative 1	Operation	-1	3	2	2	2	3	-6.75	-1	3	2	2	2	3	-6.75	High	1	1	1.00	-6.75

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
90.1	**Air Quality**	**Atmospheric Emissions (upset)**	**Alternative 1**	**Operation**	**-1**	**4**	**1**	**3**	**2**	**2**	**-5.00**	**-1**	**4**	**1**	**3**	**2**	**2**	**-5.00**	**High**	**1**	**1**	**1.00**	**-5.00**
91	Climate Change	Climate Change **(routine)**	Alternative 1	Operation	-1	5	2	2	2	3	-8.25	-1	5	2	2	2	3	-8.25	High	1	1	1.00	-8.25
91.1	**Climate Change**	**Climate Change (upset)**	**Alternative 1**	**Operation**	**-1**	**5**	**1**	**2**	**2**	**2**	**-5.00**	**-1**	**5**	**1**	**2**	**2**	**2**	**-5.00**	**High**	**1**	**1**	**1.00**	**-5.00**
92	No-Go	No-Go Alternative	No-Go	Operation	-1	4	2	1	1	4	-8.00	-1	5	2	2	2	3	-8.25	High	1	1	1.00	-8.25