



Excel Dynamic Solutions (Pty) Ltd

Draft Environmental Management Plan (EMP):

The Proposed Offshore Exploration Activities of Precious Stones on Exclusive Prospecting License (EPL) No. 6929 west of the Skeleton Coast National Park in the Kunene Region, Namibia

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Author: Ms. Fredrika N. Shagama	Client: Linco Investments CC
Company: Excel Dynamic Solutions (Pty) Ltd	Contact person: Mr. Othniel Kazombiaze
Telephone: +264 (0) 61 259 530	Telephone: +264 (0) 81 128 4110
Fax2email: +264 (0) 886 560 836	Postal Address: PO Box 1320 Gobabis
Email: info@edsnamibia.com	Email: Oti.eiseb@gmail.com

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1 INTRODUCTION

1.1 Project Background

Linco Investments (hereinafter referred to as The Proponent) has been granted an Exclusive Prospecting Licence (EPL) No. 6929 by the Ministry of Mines and Energy (MME). The tenure of the licence is from the 27th of September 2018 to the 26th of September 2021, hence expired and pending renewal. The 77 730-hectare (ha) EPL is prospective for Precious Stones (diamonds).

The tenement is located about 400km north of Swakopmund and 200km of southwest of Opuwo, offshore the Skeleton Coast of Namibia parallel to the present shoreline, near Terrace Bay - **Figure 1**. The site area (EPL) is located west of the Skeleton Coast Park, a proclaimed nature reserve in the Kunene Region. The area lies within water depths of about +/-4 meters below sea level (mbsl) to +80mbsl.

Prospecting and exploration works are among listed activities that may not be undertaken without an Environmental Clearance Certificate (ECC) under the Environmental Management Act (EMA) (2007) and its 2012 Environmental Impact Assessment (EIA) Regulations. The relevant listed activities as per EIA regulations are (under): **Mining and Quarrying Activities**

- 3.1 *The construction of facilities for any process or activities which requires a license, right or other form of authorization, and the renewal of a license, right or other form of authorization, in terms of the Minerals (Prospecting and Mining Act), 1992.*
- 3.2 *Other forms of mining or extraction of any natural resources whether regulated by law or not.*

Subsequently, the Linco Investment appointed Excel Dynamic Solutions (Pty) Ltd (EDS Namibia), an independent team of Environmental Consultants to apply for the project ECC (through the Competent Authority, Ministry of Mines and Energy (MME)), conduct the required Environmental Scoping Assessment process and compile the Scoping Assessment Report and this Draft Environmental Management Plan (EMP) compiled). These two documents together with associated documents are submitted for evaluation and consideration of an ECC to the Environmental Commissioner at the Department of Environmental Affairs and Forestry (DEAF) of the Ministry of Environment, Forestry and Tourism (MEFT).

Due to the delays experienced during the Environmental Assessment Process such a completion of a specialist Desktop Benthic Study which formed a vital component for the EPL Baseline and assessment of the impact on marine biodiversity, the ESA Report is only submitted in October 2021 for evaluation.

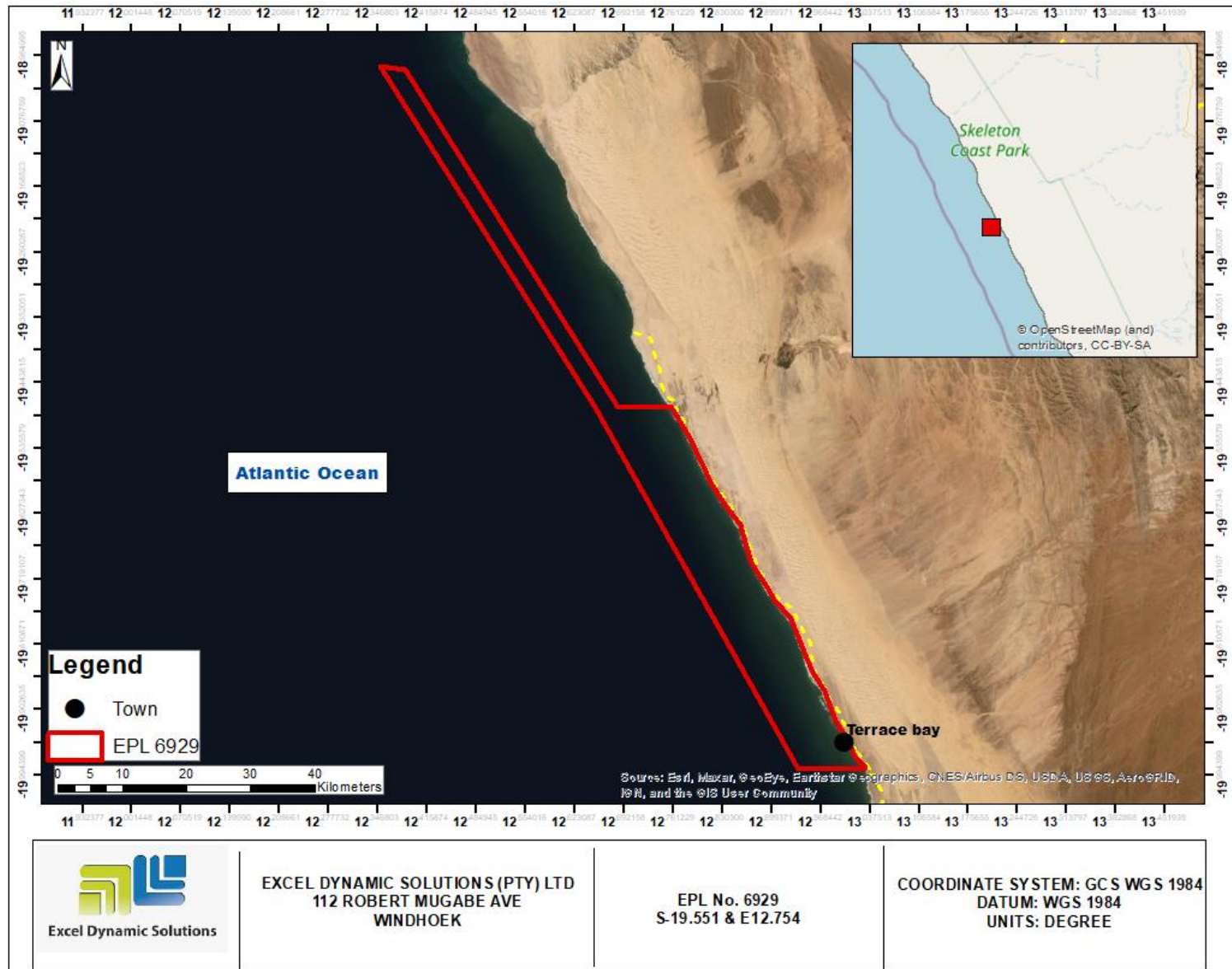


Figure 1: Locality map of EPL 6929 offshore Namibia (EDS, 2021)

1.2 Ownership of the Exclusive Prospecting License (EPL) 6929

The EPL on which the exploration activities are proposed to be undertaken is owned by Linco Investment CC. The application for the EPL was submitted in October 2018 and granted by MME on the 27th of September 2018 and has expired on the 26th of September 2021. However, prior to commencing with the actual exploration activities on the EPL, these are subject to an ECC by MEFT.

The status of EPL 6929 at MME (pending renewal) is shown on the Namibia Mining Cadastral Portal (upon searching) on this link <https://portals.landfolio.com/namibia/> and as shown on the mining portal in **Figure 2** below.

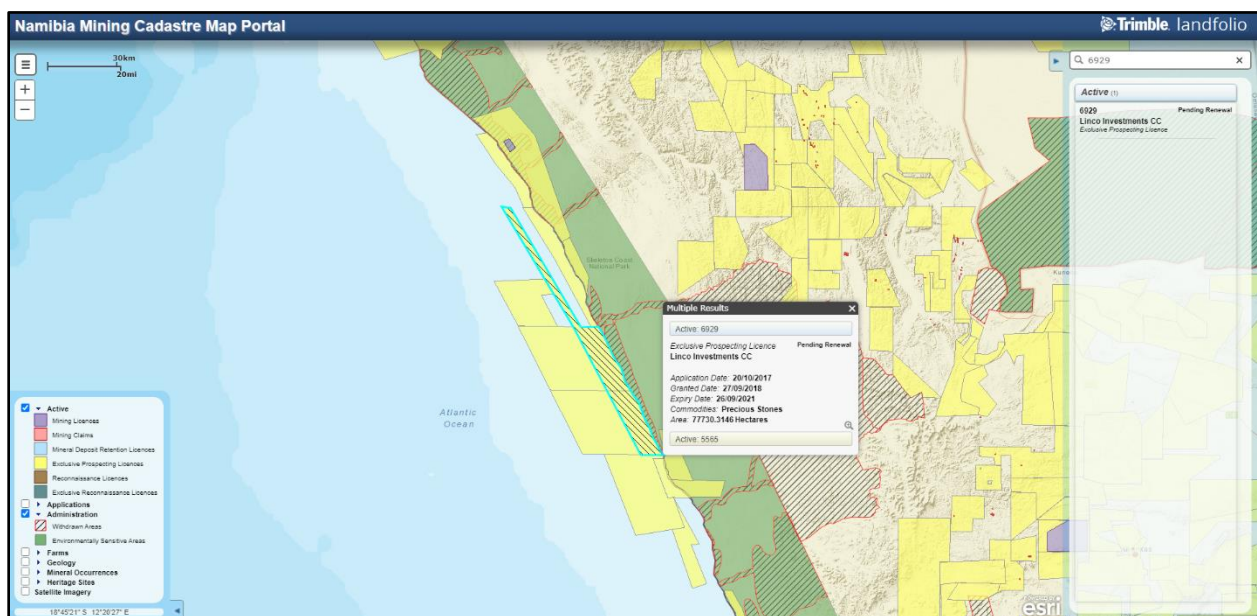


Figure 2: EPL No. 6929 and information on the mining cadastre portal (source; <https://portals.landfolio.com/namibia/>)

1.3 Appointed Environmental Consultant and ECC Application

Subsequently, to ensure that the proposed activity is compliant with the national environmental legislation the project Proponent had to appoint an independent environmental consultant, Excel Dynamic Solutions (Pty) Ltd to undertake the required Environmental Assessment (EA) process (which entailed the compilation of this EMP) and apply for the ECC on their behalf.

The ECC application was compiled and submitted to the Competent Authority (Ministry of Mines and Energy (MME)) on the 21st of July 2021. The date stamped copy of the ECC by MME was also uploaded on the online Portal for the Ministry of Environment, Forestry and Tourism (MEFT) as the environmental custodian for project registration purposes. Upon submission of an

Environmental Scoping Assessment Report and Draft Environmental Management Plan (EMP), an ECC for the proposed project will be considered by the Environmental Commissioner at the MEFT's Department of Environmental Affairs and Forestry (DEAF).

1.4 The Aim of the Draft Environmental Management Plan (EMP)

Regulation 8(j) of the EIA Regulations (2012) requires that a draft Environmental Management Plan (EMP) shall be included as part of the Environmental Assessment (EA) scoping report. A 'Management Plan' is defined as:

"...a plan that describes how activities that may have significant environments effects on the environment are to be mitigated, controlled and monitored."

An EMP is one of the most important outputs of the EA process as it synthesizes all the proposed mitigation and monitoring actions, set to a timeline and with specific assigned responsibilities. It provides a link between the impacts identified in the EA process and the required mitigation measures to be implemented during operation. It is important to note that an EMP is a statutory document and a person who contravenes the provisions of this EMP may face imprisonment and/or a fine. This EMP is a living document and can be amended to adapt to address project changes and/or environmental conditions and feedback from compliance monitoring.

The purpose of the Draft EMP is to ensure that the proposed project activities are undertaken in an environmentally friendly and sustainably manner. This would be done through the effective implementation of recommended environmental management and mitigation measures contained in the EMP, for which the aim is to avoid and or minimize the adverse identified impacts while maximizing the positive impacts.

2 LEGAL OBLIGATIONS GOVERNING THE PROPOSED ACTIVITIES

Upon issuance of the ECC and obtaining any other necessary and required documentations, the Proponent will then prepare for the administrative and technical aspects needed for the actual prospecting and exploration works on the EPL.

The prospecting and exploration and associated activities will be required to adhere to certain local, regional, national as well as international legal framework (as detailed in the Scoping Report). The legal requirements provided herein are these in terms of permits or licensing that the Proponent will need to obtain prior to the site works and or renewal of permits throughout the exploration phase. These legal requirements are provided under **Table 1**.

Table 1: Applicable and required permits/authorizations/licenses for the proposed offshore prospecting and exploration activities

Legislation/Policy/Guideline	Relevant Provision	Implication for the Project and Contact Institution/Person
Environmental Management Act (EMA) No. 7 of 2007	<p>The Act requires that projects with significant environmental impacts are subject to an environmental assessment process (Section 27).</p> <p>The Act details principles which are to guide all EAs.</p>	<p>The EMA and its regulations should inform and guide this ESA process.</p> <p>Should the ECC be issued to the Proponent, it should be renewed every 3 years, counting from the date of issue.</p>
Environmental Impact Assessment (EIA) Regulations Government Notice 28-30 (Government Gazette 4878))	<p>Details requirements for public consultation within a given environmental assessment process (Government Notice 30 Section 21).</p> <p>Details the requirements for what should be included in a Scoping Report (Government Notice 30 Section 8) and an Assessment Report (Government Notice 30 Section 15).</p>	<p>Contact details at the Department of Environmental Affairs and Forestry (DEAF), Ministry of Environment, Forestry and Tourism (MEFT)</p> <p>Office of the Environmental Commissioner (Attention: Mr. Timoteus Mufeti)</p> <p>Tel: +264 (0) 61 284 2701</p>
Minerals (Prospecting and Mining) Act (No. 33 of 1992)	<p>Section 48 (3): To enable the Minister to consider any application referred to in section 47 the Minister may (b) require the person concerned by notice in writing to (i) carry out or cause to be carried out such environmental impact studies as may be specified in the notice.</p> <p>Section 54(2): details provisions pertaining to the decommissioning or abandonment of a mine.</p>	<p>The Proponent should ensure that all necessary permits/authorization for these EPL are obtained from the Ministry of Mines and Energy (MME).</p> <p>Contact person and details at the MME (Mining Commissioner)</p> <p>Mr. Erasmus Shivolo</p> <p>Tel: +264 61 284 8167</p>

Legislation/Policy/Guideline	Relevant Provision	Implication for the Project and Contact Institution/Person
<p>The Diamond Act (No. 13 of 1999)</p>	<p>Section 57 (Registration of diamond prospecting or mining vessels) Subsection 1, especially states that:</p> <p>-Every producer, holder of an exclusive prospecting licence, contractor and sub-contractor engaged in offshore prospecting or mining shall in the prescribed manner register any vessel in use or to be used by him or her as a diamond prospecting or mining vessel</p>	<p>All crew members aboard the exploration vessel should be issued with and in possession of Restricted Area Permits (RAPs) in terms of the Diamond Act 13 of 1999 (and the Regulations) from the Ministry of Mines and Energy (MME).</p> <p>The Proponent should ensure that these permits are applied for and obtained for every crew member prior to boarding the exploration vessel.</p> <p>Contact at the Diamond Affairs Directorate of MME</p> <p>Ms. Miina Auene-Gahutu (Director)</p> <p>Tel: +264 61 284 8261</p>
<p>Petroleum Products and Energy Act (No. 13 of 1990) Regulations (2001)</p>	<p>Regulation 3(2)(b) states that “No person shall possess or store any fuel except under authority of a licence or a certificate, excluding a person who possesses or stores such fuel in a quantity of 600 litres or less in any container kept at a place outside a local authority area”</p>	<p>The Proponent should obtain the necessary authorisation from the MME for the storage of fuel onboard.</p> <p>Mr. Carlo Mcleod (Ministry of Mines and Energy: Acting Director – Petroleum Affairs)</p> <p>Tel: +264 61 284 8291</p>

3 DRAFT EMP IMPLEMENTATION, ROLES & RESPONSIBILITIES

As the project Proponent, Linco Investment is ultimately responsible for the implementation of the EMP. However, they may delegate this responsibility at any time, as they deem necessary during the project phases (usually an environmental control officer or safety, health, and environmental person). The roles and responsibilities of all the parties involved in the effective implementation of this EMP are as follows:

3.1 Competent Environmental Monitoring Authorities (DEAF and Others)

The Department of Environmental Affairs and Forestry (DEAF) of the Ministry of Environment, Forestry and Tourism (MEFT) as the environmental custodian is responsible for enforcing compliance with the EMA, its regulations and full implementation of this EMP. The authority is also responsible for the reviewing of bi-annual reports submitted by the Proponent and grant ECC renewal after every 3 years following an environmental audit.

Further Monitoring institutions include but not limited to:

- **Ministry of Mines and Energy:** for compliance to the relevant prospecting and exploration requirements, including work progress on site, Diamond exploration vessels, site access permits, petroleum products' storage and handling on site, etc.
- **Ministry of Fisheries and Marine Resources (MFMR):** for compliance to the relevant prospecting and exploration work undertaken in the sea (offshore) and marine environment protection.

3.2 The Exploration Manager (or the Proponent)

This Manager who may also be the Proponent, will be responsible for the following:

- Development and management of schedules for daily activities in compliance with the EMP.
- Managing/overseeing the implementation of this EMP and updating and maintaining it when necessary.
- Ensure that relevant commitments contained in the EMP Action Plans are adhered to.
- Ensure the relevant staff is trained in procedures entailed in their duties.
- Through consultations and cooperation with the SHE officer, issuing fines to individuals who may be in breach of the EMP provision and if necessary, removing such individuals onboard.

- Setting up and managing the schedule for the day-to-day activities.
- Ensuring all incidents are recorded and documented.
- Undertaking an annual review of the EMP and amending the document when necessary.

3.3 Onboard Marine Fauna Observer (MFO)

The main responsibilities of the MFO will be to:

- Monitor, record and report the presence of marine species within sensitive offshore project areas to ensure impact mitigation on such species and standardization of data collected.
- Help the Proponent (Exploration Manager) in identifying potential affected marine species, make distance estimates and record valuable data on the behavior and distribution of the species that may be exposed to the offshore development (prospecting and exploration activities) within the and immediate surroundings of the EPL.

3.4 Safety, Health and Environmental (SHE) Officer

The SHE Officer will be responsible for ensuring that project activities are completed on time, efficiently and sustainably. The SHE Officer's duties and responsibilities will include:

- The SHE Officer will be responsible for the following activities:
- Planning and carrying out inductions to the workers onboard and visitors to the worksite(s).
- Ensuring compliance with relevant environmental and related authorisations and license conditions.
- Ensure that the requirements of the EMP are carried out during applicable activities throughout the project life span.
- Monitor the overall implementation of the EMP.
- Identifying and appointing of appropriately qualified specialists (were necessary) to undertake the programmes in a timeous manner and to acceptable standards.

The Proponent should assess these commitments in detail and should acknowledge their obligation to the specific management actions detailed in the Tables of the following sections.

4 ENVIRONMENTAL MANAGEMENT & MITIGATION ACTION PLANS

The environmental management and mitigations measures (management plan actions) provided to the potential adverse impacts associated with the proposed project and its activities are presented under this chapter. The aim of these plan actions is to avoid these potential impacts where possible, and where avoidance is impossible, measures are provided to reduce the impacts' significance (as presented under the impacts' assessment chapter of the Scoping Report).

4.1 Key potential Negative/ (Adverse) Impacts

The summary of key identified potential adverse impacts for which the measures have been developed are as follows:

- Possible destruction of marine faunal and floral habitats as well as removal of nutrients.
- Potential significant impacts on marine mammals - especially the seismic surveys during exploration but also the long-term mining if it takes place. The area in question has a high density of Heaviside's and dusky dolphins as well as seasonally migrating humpback whales.
- Potential marine pollution due to accidental hydrocarbon spills from exploration equipment would impact marine fisheries resources.
- Potential occupational health, safety and security risks associated with mishandling of exploration equipment as well as from accidents or emergencies at sea.

4.2 The Management and Mitigation of Potential Key Negative Impacts

The management and mitigation measures (action plans) for the potential adverse impacts are presented in **Table 2** – for the planning, and prospecting and exploration (operational and maintenance) phases.

The required management and mitigation plan actions have been presented under **Table 2** in terms of (a) Environmental aspect and issues for which management actions are required, (b) proposed impact mitigation measures, (c) key performance indicator (KPI) for monitoring success levels of management actions, (d) responsible person(s) for implementing the proposed management actions, (e) resources required for implementing management actions and monitoring and (f) implementation timeframes for the proposed management actions.

Table 2: Management and Mitigation Measures for the Planning, Prospecting & Exploration Phases

Aspect	Impact	Management & Mitigation Measure(s)	Key Performance Indicator (KPI)	Responsible Person	Resources	Timeline
PLANNING PHASE						
EMP implementation and training	Lack of EMP awareness and implications thereof	<p>-A Comprehensive Health and Safety Plan for the project activities should be compiled. This will include all the necessary health, safety, and environmental considerations applicable to respective works onboard.</p> <p>-An EMP non-compliance penalty system should be implemented on site (onboard).</p> <p>-The Proponent should appoint an SHE Officer to be responsible for managing the EMP implementation and monitoring.</p>	<p>-All required Plans and systems are compiled and in place</p> <p>Safety, Health and Environmental (SHE) Officer is appointed</p>	-Proponent	-Records of EMP implementation Plans and Systems	Pre-exploration
Authorizations	Lack of Agreements, Permits/ Licenses	<p>-All the required agreements and licenses or permits should be applied for and signed, respectively before commencement of work on the EPL, or as required.</p> <p>-The permits, agreements referred to herein include:</p> <ul style="list-style-type: none"> o Exploration vessel access & operations by the Ministry of Fisheries and Marine Resources o Restricted Area Permits (RAPs) in terms of the Diamond Act 13 of 1999 from the MME o Onboard petroleum storage permit. 	<p>-Applicable permits to be obtained from relevant authorities and kept onboard for records keeping and future inspections</p> <p>-All permits kept onboard and renewed as stipulated</p>	-Proponent	-Permits and Licenses	Pre-exploration

Aspect	Impact	Management & Mitigation Measure(s)	Key Performance Indicator (KPI)	Responsible Person	Resources	Timeline
Employment	Creation of employment opportunities to the locals	<p>-Preference of local people for employment for jobs should be implemented, i.e., permanent residents from the local area (in Walvis Bay and Swakopmund) should be employed for the unskilled labour preferentially to out-of-area people (outsiders) where possible. Out-of-area employment should be justified, for example by the unavailability of local skills only.</p> <p>-Equal opportunity should be provided for both men and women, when and where possible.</p> <p>-Appointment of independent technical experts (Marine Fauna Observer (MFO) and Safety, Health & Environment (SHE Officer)</p>	<p>-Number of locals employed for exploration activities</p> <p>-Consultation with the constituency councillor offices in Walvis Bay and Swakopmund</p> <p>-Notification via the Constituency Office</p> <p>-SHE Officer and MFO appointed and part of the crew</p>	-Proponent in collaboration with the Exploration Manager (if necessary)	<p>-Record of employees</p> <p>-Constituency Council office to assist in identifying unemployed people</p> <p>-Technical experts (MFO and SHE Officer)</p>	Pre-project activities and when necessary, throughout the prospecting & exploration phase
Specialised procurement of services	Exploration contractors and other services providers	-All services related to exploration activities that the Proponent may need, preference should be given to local providers of such services. If not available locally, the services search should be extended to a regional level (Erongo and Kunene Regions) and lastly, nationally, or international, if all efforts truly yield no success.	-Number of hired contractors	-Proponent	-Record of hired or contracted companies or services providers	Pre-project activities and when necessary, throughout

Aspect	Impact	Management & Mitigation Measure(s)	Key Performance Indicator (KPI)	Responsible Person	Resources	Timeline
PROSPECTING AND EXPLORATION PHASE						
EMP implementation and training	Lack of EMP awareness and implications thereof	<ul style="list-style-type: none"> -EMP trainings should be provided to all new workers onboard and to old workers (as a refresher) every 6 months. -All site personnel should be aware of necessary health, safety, and environmental considerations applicable to their respective work -The implementation of this EMP should be monitored. -The exploration vessel should be inspected, and a compliance audit done throughout <u>the project activities, monthly and compliance monitoring reports submitted to the DEAF bi-annually.</u> -An EMP non-compliance penalty system should be implemented. 	<ul style="list-style-type: none"> -Compliance monitoring conducted monthly for the exploration phase and should be recorded -EMP Refresher training for employees/workers every 6 months -Timely renewal of the Environmental Clearance Certificate (ECC) every 3 years 	-SHE Officer	<ul style="list-style-type: none"> -Monitoring reports by the SHE Officer -ECC renewed on time -Records of EMP training conducted 	Throughout the exploration phase
Marine Biodiversity	Loss of Fauna and Flora	-Appoint independent onboard Marine Fauna Observer (MFO) and Passive acoustic monitors (PAM) for the duration of the survey. MFO and PAM should be knowledgeable about the Namibian Marine environment and biodiversity and able to identify seabird, marine mammals, and turtles among other marine fauna. MFO will monitor the presence of marine fauna during day light and the PAM	<ul style="list-style-type: none"> -Appointed Marine Fauna Observer (MFO) by the Proponent -Availability of monitoring marine biodiversity equipment such as monitors 	<ul style="list-style-type: none"> -Proponent (to appoint an MFO) -MFO to assist in implementing the measures onboard 	<ul style="list-style-type: none"> -MFMR -Independent MFO -Funds to purchase and service Passive Acoustic monitors -Marine fauna reports by MFO 	<ul style="list-style-type: none"> -MFO appointed before commencing with exploration -measures implementation throughout

Aspect	Impact	Management & Mitigation Measure(s)	Key Performance Indicator (KPI)	Responsible Person	Resources	Timeline
		<p>operator should monitor the presence of marine mammals in the water column around the vessel using specialized hydrophones after sunset or during low visibility conditions.</p> <p>-Adapt The Joint Venture for conservation committee (JNCC) guidelines for minimizing injury to marine mammal from Geophysical survey (seismic survey guidelines) during the survey. (https://hub.jncc.gov.uk/assets/e2a46de5-43d4-43f0-b296-c62134397ce4)</p> <p>-Seismic survey should be avoided during cetacean's migratory seasons (June-November), when they move from the southern oceans to the equator. December to May is the recommended time for the exploration.</p> <p>-To monitor the impact of the benthic communities. underwater video recording is strongly recommended before, during and after exploration</p> <p>-Environmental awareness on the importance of biodiversity preservation should be provided to the workers onboard.</p>	<p>-Minimal to no records of marine biodiversity destruction linked to the project activities</p>			

Aspect	Impact	Management & Mitigation Measure(s)	Key Performance Indicator (KPI)	Responsible Person	Resources	Timeline
Waste management	Environmental pollution	<p>-The exploration vessel should be equipped with separate waste bins for all waste types (general/domestic, hazardous, etc.).</p> <p>-Plastic should be removed before leaving shore and put into recycling or bring it back to shore for recycling.</p> <p>-Plastic or any other waste type should not be discarded overboard or allowed to blow overboard nor put through the galley onboard macerators and discarded overboard with waste food as small plastic fragments.</p> <p>-Biodegradable and non-biodegradable wastes must be stored in separate containers and collected regularly for disposal at a recognized landfill/dump site on land, upon reaching an agreement with the Municipality of Walvis Bay being the closest from the harbour.</p> <p>-Workers should be sensitized to dispose of waste in a responsible manner and not to litter on and overboard exploration vessel.</p> <p>-After each daily works, the Proponent should ensure that all waste types are stacked up and stored into the onboard waste bins and not left on the open spaces of the exploration vessel or thrown into the sea.</p>	<p>-A register of all waste generated onboard is kept onboard for proper disposal onshore.</p> <p>-All waste disposal permits from relevant authorities are available onboard.</p> <p>-No littering onboard and in the sea</p>	<p>-Proponent</p> <p>-Exploration Manager</p> <p>-SHE Officer</p>	<p>-Funds to acquire waste storage bins/ drums; and transport all waste onshore for proper disposal.</p> <p>-Waste storage containers</p>	Throughout exploration

Aspect	Impact	Management & Mitigation Measure(s)	Key Performance Indicator (KPI)	Responsible Person	Resources	Timeline
		<p>-All waste produced on the vessel should be contained until such that time it can be transported to designated waste sites onshore/on land in Walvis Bay.</p> <p>-Sewage waste should be stored as per the portable chemical toilets' manufacturer's instructions and disposed of at the nearest wastewater treatment facility (in Walvis Bay) on land and not disposed of in the sea/overboard. This will be done to ensure that wastewater do not reach and contaminate seawater.</p> <p>-Oil spills should be taken care of by ensuring that the vessel is equipped with drip trays for onboard fuel-consuming equipment, if any.</p> <p>-A penalty system for irresponsible disposal of waste on and overboard area should be implemented.</p> <p>-The Proponent should develop and prepare countermeasures to contain, clean up, and mitigate the effects of an oil spill on board. This includes keeping spill response procedures</p> <p>-Washing of equipment contaminated hydrocarbons should take place at a dedicated area (lined) onboard, where contaminants are contained to prevent runoff into marine water resources.</p>				

Aspect	Impact	Management & Mitigation Measure(s)	Key Performance Indicator (KPI)	Responsible Person	Resources	Timeline
	Wastewater generated by exploration workers onboard	<p>-Washing of hydrocarbon contaminated equipment, as well as the washing and servicing of machinery onboard should take place at a dedicated area, where contaminants are prevented from contaminating marine resources.</p> <p>-Sewage waste should be stored as per the portable chemical toilets supplied on the exploration vessel and regularly disposed of onshore at the nearest wastewater treatment facility (Walvis Bay).</p> <p>-Emptying of chemical toilets according to the manufacturer's specifications.</p>	-Adequate toilet facilities onboard.	<p>-Exploration Manager</p> <p>-SHE Officer</p>	<p>-Chemical toilets, waste treatment agents/chemicals</p> <p>-Onshore Wastewater discharge permit</p>	Throughout exploration phase
Health and Safety	Occupational Health and Safety	<p>-As part of their induction, the workers should be provided with an awareness training of the risks of mishandling equipment and materials onboard.</p> <p>-The Proponent should ensure that the equipment and machinery required and used for exploration are in good condition and well-serviced/maintained to prevent injuries and safety risks stemming from potential malfunctioning of and unstable equipment.</p> <p>-The exploration crew should include a qualified and experienced medical personnel and occupational health & safety officer to ensure that both minor</p>	<p>-Compilation of Comprehensive Health and Safety Plan</p> <p>-Regular health screening of workers</p> <p>-Bi-annual health and safety audits done.</p> <p>-All workers and visitors onboard are equipped with appropriate PPE.</p>	<p>-Exploration Manager</p> <p>-Proponent</p> <p>-SHE Officer</p>	<p>-Health and Safety Policies</p> <p>-Funds to acquire health and safety related equipment. and to pay for employee medical services</p> <p>-First Aid training for at least 1 personnel onboard</p>	Throughout exploration phase

Aspect	Impact	Management & Mitigation Measure(s)	Key Performance Indicator (KPI)	Responsible Person	Resources	Timeline
		<p>and major health incidents are properly attended to and in time.</p> <p>-The exploration vessel should be equipped with a minimum of two first aid kits and two fire extinguishers and respective crew members trained how to administer and use these, respectively.</p> <p>-The equipment and fuel storage areas onboard should be properly secured to prevent any harm or injury to the project personnel.</p> <p>-The exploration vessel should be frequently supplied with sufficient personal protective equipment (PPE) to ensure that the crew has an interrupted supply of PPE to ensure safety throughout the exploration activities.</p> <p>-When operating at different areas of the vessel, employees should be properly equipped with adequate and suitable PPE such as coveralls, masks, gloves, safety boots, earplugs, safety glasses, and hard hats. The PPE should also include the suitable warm clothes to protect the workers/crew against possible harsh cold sea weather.</p> <p>-No employee should be allowed to consume alcohol or other intoxicants prior to and during working hours as this may lead to mishandling of equipment which</p>				

Aspect	Impact	Management & Mitigation Measure(s)	Key Performance Indicator (KPI)	Responsible Person	Resources	Timeline
		<p>results into injuries and other health and safety risks.</p> <p><u>In terms of security aspect:</u></p> <p>-All crew members aboard the exploration vessel should be issued with and in possession of Restricted Area Permits (RAPs) in terms of the Diamond Act 13 of 1999 (and the Regulations) from the Ministry of Mines and Energy (MME).</p> <p>-The Proponent should ensure that these permits are applied for and obtained for every crew member prior to boarding the exploration vessel.</p>				
Fires	Accidental fire outbreak	<p>-Portable fire extinguishers should be provided onboard.</p> <p>-No open fires to be created by project personnel onboard.</p> <p>-Potential flammable areas and structures should be marked as such with clearly visible signage.</p>	-No Fires recorded onboard	<p>-Exploration Manager</p> <p>-SHE Officer</p>	-minimum of 2 fire extinguishers onboard	Throughout exploration

4.3 Decommissioning of site works

The decommissioning practice onsite/onboard will include:

- All accumulated waste (hazardous, solid, and general) up until the cessation of exploration activities will be removed offsite and transported to designated off site waste management facilities onshore.
- Removal of project vessels and equipment offshore and taken to designated parking and storage facilities, respectively offshore.

