

**Public and Stakeholder Consultation Report
to Support the Application for an Environmental Clearance
Certificate (ECC) for the Proposed Multiclient/Proprietary 2D
/ 3D Seismic Survey Over the Area of Interest (AOI) covering
Blocks (Excluding Tripp Seamount), Walvis, Lüderitz and
Orange Basins, Offshore Deepwater Namibia**

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1. Background

Eastern Echo Free Zone Entity (FZE), the ("Proponent"), herein referred as ("Eastern Echo") is proposing to conduct Multiclient/Proprietary 2D/3D seismic survey covering the deep-water portions of the Walvis, Lüderitz and Orange Basins, offshore Namibia (Figs. 1.1-1.4). The 1st event of the proposed Multiclient/Proprietary 2D/3D seismic survey is planned to start in January 2024. The Proponent intends to apply for Environmental Clearance Certificate (ECC) for the proposed MC 2D/3D seismic survey in line with the provisions of the Namibian Environmental Impact Assessment (EIA) Regulations No. 30 of 2012 and Environmental Management Act, 2007, (Act No. 7 of 2007).

The following is the general summary of the proposed Multiclient/Proprietary 2D/3D seismic survey activities with the detailed specification to be provided in the EIA report (Figs. 1-3):

- ❖ **Proponent / Operating company** – Eastern Echo Free Zone Entity (FZE).
- ❖ **Proposed Activities / Type of Survey to be Conducted** – Multiclient/Proprietary 2D/3D seismic survey.
- ❖ **Location of the Proposed Survey Area of Interest (AOI)** - Blocks 2010A, 2010B, 2011B, 2109, 2110A, 2110B, 2111A, 2111Ba, 2111Bb, 222210A, 2210B, 2211Aa, 2211Ab, 2211Ba, 2211Bb, 2310, 2311B, 2311B, 2312, 2410, 2411, 2412A, 2412B, 2511, 2512A, 2512B, 2611, 2612A, 2612B, 2711, 2712A, 2712B, 2713, 2811, 2812A, 2812B, 2813A, 2813B, 2912, 2913A, 2913B and parts of Blocks 1910A, 1910B, 2009, 1911, 2011A, 2012A, 2012B, 2112A, 2112B, 2212A, 2212B, 2313, 2413A, 2413B, 2513, 2613, 2714A, 2714B, 2814B, 2914A, and 2914B (Excluding Tripp Seamount), Walvis, Lüderitz and Orange Basins, offshore Namibia.
- ❖ **Water depth of the AOI** – Ranges from ca-1000m to -4000 m from east to west, respectively.
- ❖ **Nearest Namibian Port** – Port of Walvis Bay (central) and Port of Lüderitz suitable when working in the southern portions of the proposed survey area.
- ❖ **Receiving Environment** – Marine environment, deep-water offshore central Namibia. Survey Vessel (s) – To be confirmed.
- ❖ **Desired acquisition time** – January 2024 subject to the outcomes of the EIA, and.
- ❖ **Estimated Duration of each survey event** –Seventy (70) days per survey event and multiple survey events will be undertaken over the likely three (3) years validity period of the ECC that may be granted by the Environmental Commissioner in the Ministry of Environment, Forestry and Tourism (MEFT).

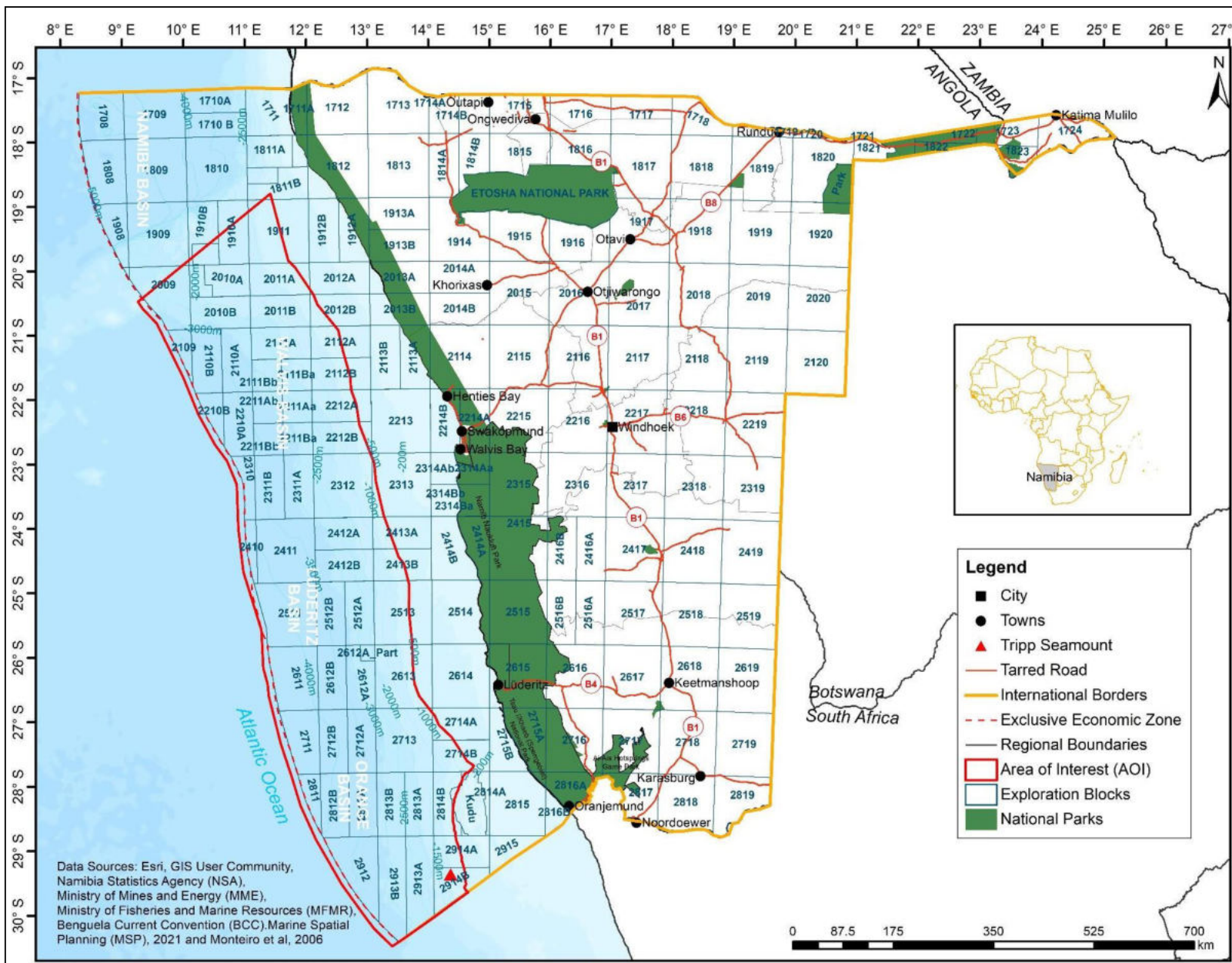


Figure 1: Regional location of the proposed multiclient 2D/3D seismic survey coverage outlined as Area of Interest in the offshore exploration blocks, offshore Namibia.

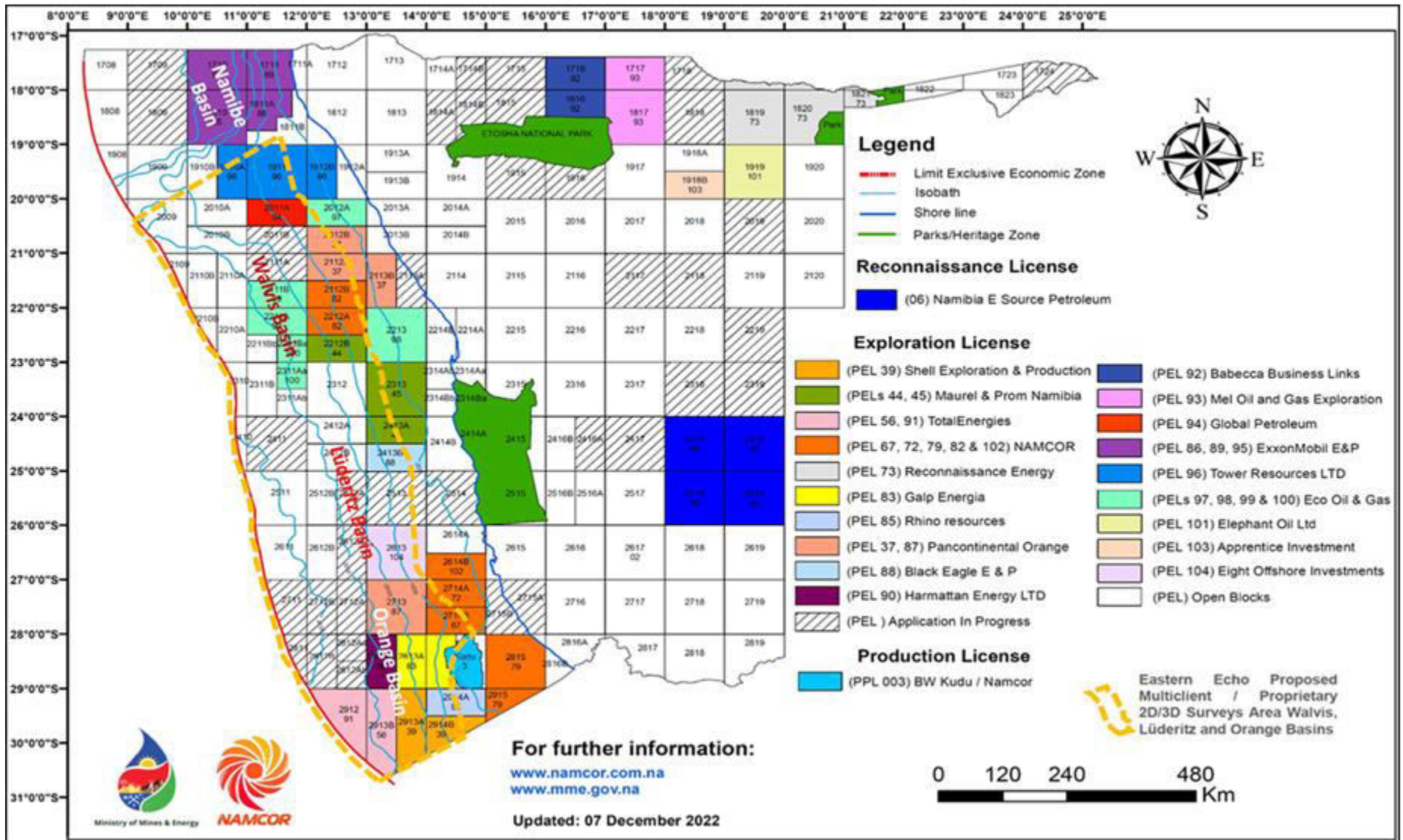


Figure 2: Hydrocarbon map of Namibia showing the proposed Multiclient/Proprietary 2D/3D seismic survey. The Area of Interest (AOI) falling in the Walvis, Lüderitz and Orange Basins, offshore Namibia (Modified Source: www.mme.gov.na).

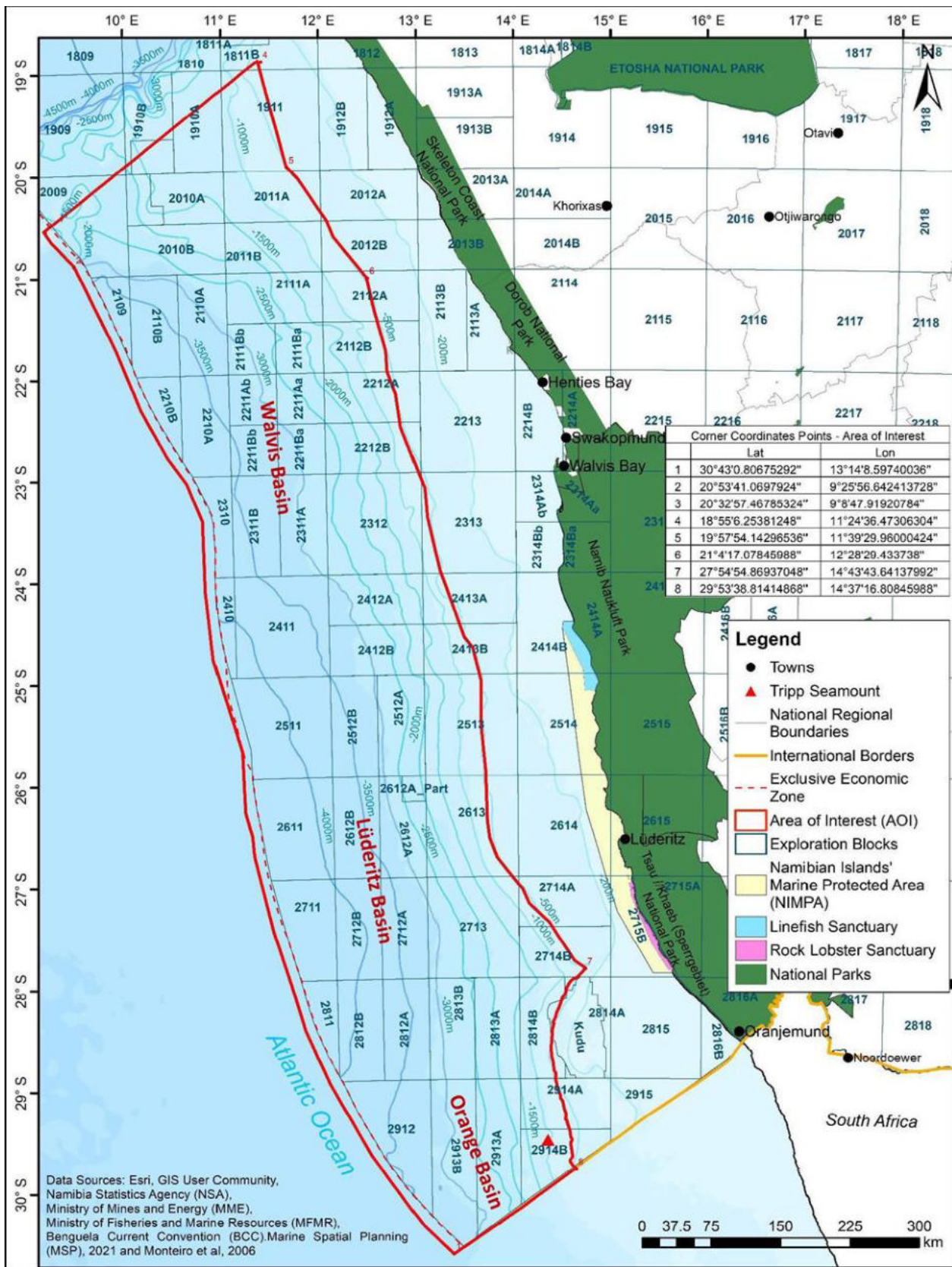


Figure 3: Eastern Echo proposed Multiclient/Proprietary 2D/3D seismic survey AOI covering Walvis, Lüderitz and Orange Basins offshore Namibia within water depths ranging from ca-500m to -4000m from east to west, respectively.

2. Purpose of Document

This document serves as formal documentation, providing evidence of the consultation activities conducted during the stakeholder engagement process for the proposed Multiclient/Proprietary 2D/3D Seismic Walvis, Lüderitz, and Orange Basins offshore deepwater Namibia by Eastern Echo Free Zone Entity (FZE). This stakeholder consultation report adheres to the legal requirements of Namibia and aligns with the corporate standards of Eastern Echo (FZE). The environmental assessment and management process, which includes public and stakeholder consultations, is governed by the Environmental Impact Assessment (EIA) Regulations No. 30 of 2012, as published under the Environmental Management Act (EMA) of 2007, (Act No. 7 of 2007). These regulations and the accompanying Act contain schedules that list specific activities subject to environmental assessment. Activities listed in these schedules cannot be undertaken without an Environmental Clearance Certificate (ECC). The issuance of an ECC for a listed activity is contingent on the review and approval by the Environmental Commissioner, who assesses the findings of an Environmental Assessment. This assessment encompasses various stages, including Scoping, Environmental Impact Assessment (EIA), and the formulation of an Environmental Management Plan (EMP).

Both the Environmental Impact Assessment (EIA) Regulations No. 30 of 2012 and the Environmental Management Act, (EMA), No. 7 of 2007 explicitly outline the procedures and requirements for the public consultation process, which is a crucial aspect of ensuring transparency and involving stakeholders in decision-making related to environmental matters. This stakeholder consultation report serves as a comprehensive record of the engagement activities carried out in accordance with these regulatory requirements, demonstrating Eastern Echo (FZE)'s commitment to fulfilling its environmental responsibilities and fostering collaboration with relevant stakeholders in Namibia.

3. Consultations Undertaken

3.1. Overview

The key consultation approach focused on the following activities:

1. Preparation of the appropriate project materials such as public notices, Background Information Document (BID), posters, presentations, and leaflets.
2. Placing public notices at strategic places in Lüderitz, Walvis Bay, Swakopmund, and Henties Bay.
3. Publishing notices/adverts in the local newspapers including:
 - (i) 1st advert published in the New Era English language newspaper dated 3rd August 2023.

- (ii) 2nd advert published in the Confidante English language newspaper dated 4th August – 10th August 2023, and.
- (iii) 3rd multiple adverts published in the Market Watch of the Namibian Sun (English language newspaper), Republikein (Afrikaans language newspaper) and Allgemeine Zeitung (Namibian German language newspaper) of Thursday, dated 7th August 2023.

4. Organised the following public meetings including:

- (i) **Oranjemund:** Wednesday, 9th August 2023, Place: Zacharia Lewala Community Hall, Time: From 09hrs00-12hrs00.
- (ii) **Lüderitz:** Thursday 10th August 2023, Place: Benguela Community Hall, Lüderitz Town, Time: From 09hrs00-12hrs00, and.
- (iii) **Walvis Bay:** Wednesday 16th August 2023, Place: Narraville Community Hall, Time: From 14hrs00-17hrs00.

5. Conducting direct contact and engagement of other marine users, such as fisheries, fishing companies and associations, and other marine users' stakeholders in Walvis Bay, and Swakopmund.

4. Methodology

The public and stakeholder consultations process has considered all appropriate ways to reaching the targeted groups such as key institutions, regional offices, universities etc. by way of public notices in local newspapers, direct contacts via email, telephones, meetings invitations, and walk in poster presentation.

4.1. Preparation of the appropriate project materials such as public notices, BID, posters, presentations, and leaflets.

Comprehensive information-sharing activities that have been conducted with the Interested and Affected Parties (I&APs) or stakeholders in relation to the proposed Multiclient/Proprietary 2D/3D Seismic Walvis, Lüderitz, and Orange Basins offshore deepwater Namibia were provided. The goal of these activities is to ensure transparency and engage stakeholders in the project's environmental assessment and management process.

4.1.1. Type of Information Shared and Disclosed

- The full content of the Draft Scoping.
- The full content of the Draft Environmental Impact Assessment (EIA).
- The full content of the Draft Environmental Management Plan (EMP).

- Health, Safety, and Environmental (HSE) monitoring results during the proposed Multiclient/Proprietary 2D / 3D Seismic Walvis, Lüderitz, and Orange Basins, offshore deepwater Namibia.

4.1.2. Methods of Information Dissemination

- Public notices.
- Bids (Bid documents).
- Posters.
- Presentations.
- Leaflets.

4.1.3. Content of the Information Shared:

The presentation, delivered by Dr Sindila Mwiya and Ms. Emerita Ashipala, the Environmental Assessment Practitioner of RBS, covered a wide range of topics related to the project, including but not limited to:

1. Maps and diagrams showing hydrocarbon resources, sedimentary basins, and historical perspectives on marine seismic surveys in Namibia.
2. Project-specific details such as PEL (Petroleum Exploration License), Blocks, AOI (Area of Interest), Seismic Survey, Well Drilling, and Oil/Gas Fields.
3. Key areas of interest for the proposed offshore 2D/3D Seismic Survey.
4. Compliance requirements related to offshore seismic surveys and the environmental assessment process under the Environmental Management Act, 2007, and EIA Regulations 2012.
5. Overview of marine 2D/3D Seismic Survey and the specifics of the proposed survey.
6. The relationship between the AOI and the living marine resources receiving environment, including commercial fishing grounds and MFMR (Ministry of Fisheries and Marine Resources) survey areas.
7. Potential impacts on tuna landing and marine receiving environments.
8. Mitigation measures, both international best practices and those specific to the project.
9. Coexistence framework for the project.
10. The way forward and opportunities for stakeholder engagement.

- ❖ As part of the ongoing environmental assessment process and in preparation for the Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) Report, all Interested and Affected Parties (I&APs) are invited to register and submit written comments, objections, or inputs regarding the proposed 2D/3D seismic survey operations. The deadline for submission is Friday, 1st September 2023.
- ❖ The submission deadline highlights the commitment to open and inclusive stakeholder engagement, ensuring that all relevant parties have the

opportunity to provide feedback and input on the project's environmental impact assessment and environmental management plan.

4.2. Published Adverts in the Local Newspapers and Public Notices

Newspaper adverts were published in the following national newspapers as below:

- (i) 1st advert published in the New Era English language newspaper dated 3rd August 2023 (Figure 4).
- (ii) 2nd advert published in the Confidante English language newspaper dated 4th August – 10th August 2023, (Figure 5), and.
- (iii) Multiple adverts published in the Market Watch of the Namibian Sun (English language newspaper), Republikein (Afrikaans language newspaper) and Allgemeine Zeitung (Namibian German language newspaper) of Thursday, dated 7th August 2023 (Figure 6).

The dissemination of public notices at strategic locations in Lüderitz, Walvis Bay, Swakopmund, and Henties Bay demonstrates a proactive approach to reaching the intended audience for the project. By placing these notices in key areas, we have effectively targeted various stakeholder groups, including government entities, municipal buildings, Universities and other strategically positioned notice boards to be visible to passersby. Locations where public notices were prominently displayed, as indicated in Annex 2 - Public notices images and Distribution map.

The wide distribution ensured that the project information is accessible to a diverse range of stakeholders and interested parties, fostering transparency, and encouraging their engagement in the project's environmental assessment and management process. This proactive approach aligns with best practices for effective stakeholder communication and involvement.



ORANJEMUND TOWN COUNCIL

NOTICE FOR OBJECTIONS

ALLOCATION OF VARIOUS ERVEN BY WAY OF PRIVATE TREATY IN TERMS OF SECTION 63(2) (3) OF THE LOCAL AUTHORITIES ACT, ACT 23 OF 1992

The Oranjemund Town Council intends to sell erven thereof as indicated in the table below by way of private treaty in terms of Section 63(2), (3) of the Local Authorities Act, Act 23 of 1992.

Maps with all the relevant information with respect to the erven or portions thereof are available for inspection at the offices of the Oranjemund Town Council, % 8th Avenue, and 12th Street, during working days, from 07:30 to 16:30 hours.

All interested parties are called upon to lodge any objections against the intended sale of the below erven, Objections, and the grounds thereof, must be in writing, in a sealed envelope clearly marked "OBJECTIONS TO SALE OF VARIOUS ERVEN", Notice Number: 02/2021, addressed to the Office of the Acting Chief Executive Officer, P.O Box 178, by not later than Monday, 21st August 2023, at 12:00 hours.

SALE OF VARIOUS IMPROVED AND UNIMPROVED PROPERTIES

Purchaser	Erf No	Size (M)	Extension	Zoning	Council Resolution
Denmar Properties and Developers CC	1686	578	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1687	600	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1688	587	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1689	590	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1690	577	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1691	617	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1706	1,040	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1707	1,196	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1708	793	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1709	958	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1710	1,011	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)
Denmar Properties and Developers CC	1711	1,101	Extension 5	Residential	(C/186/08/12/2022/7 ^o OCM 2022)

YOU ARE SOMEONE'S TYPE

DONATE BLOOD



Monday, 31 July 2023

Centre Tal Street (Windhoek)	07:00-10:00
Channel Life Centre (Windhoek)	08:30-16:00
Concordia College (Windhoek)	08:30-14:00
Hans Daxel Namibia SSS (Onapa)	09:30-13:30
Seakopmund Town (Ferdinand Stuch Street No 4)	10:00-18:00

Tuesday, 01 August 2023

Centre Tal Street (Windhoek)	07:00-18:00
Channel Life Centre (Windhoek)	08:30-16:00
Okahandja Town (Town Hall)	11:00-18:00
Agulhasmuis SSS (Windhoek)	08:30-14:00
Chingosenge Centre (Grootfontein Mall)	10:00-18:00
Walvis Bay Town (Behind Walvisbaai Mall-park)	10:00-18:00

Wednesday, 02 August 2023

Centre Tal Street (Windhoek)	07:00-18:00
Channel Life Centre (Windhoek)	08:30-16:00
Rehoboth Town (Hermannus van Wyk Hall)	11:00-19:00
Flourens Boys School (Windhoek)	08:30-14:00
Nature Senior Secondary School (Onyanya)	08:30-14:00
International University of Management Walvisbaai (Walvis Bay)	10:00-15:00

Thursday, 03 August 2023

Centre Tal Street (Windhoek)	07:00-18:00
Channel Life Centre (Windhoek)	08:30-16:00
Delta HS (Windhoek)	08:30-14:00
Social Security Commission Khomasdal caravan (Windhoek)	09:00-15:30
Okahandja Centre Hospital Grounds	10:00-18:00
Best Cheese Sausage Factory (Walvis Bay)	10:00-15:00

Friday, 04 August 2023


Centre Tal Street (Windhoek)	07:00-18:00
Channel Life Centre (Windhoek)	08:30-16:00
Windhoek Technical HS (Windhoek)	09:00-14:00
Fredericksburg (Windhoek)	09:00-15:30
Okahandja SSS	09:00-14:00
Sports Martial Arts (Walvis Bay)	10:00-15:00



NAMBTS
NATIONAL ASSOCIATION OF MARINE BASED TECHNICAL SPECIALISTS

PUBLIC NOTICE FOR APPLICATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE (ECC)

Eastern Echo (Proponent) Proposed Multiclient 2D/3D Seismic Survey Area of Interest (AOI), Walvis, Lüderitz and Orange Basins, Offshore Namibia



LEGEND

- Area of Interest (AOI)
- Exclusive Economic Zone (EEZ)
- Petroleum License Blocks

EASTERN ECHO FREE ZONE ENTITY (FZE), (PROPOONENT) intends to apply for an Environmental Clearance Certificate (ECC) over the outlined Area of Interest (AOI) with respect to potential Multiclient/Proprietary 2D/3D seismic survey location specific projects that may be originated within the outlined AOI. The outlined AOI covers Blocks 2010A, 2010B, 2011B, 2105, 2110A, 2110B, 2111A, 2111B, 2111A, 2111B, 2210A, 2210B, 2211A, 2211B, 2211A, 2211B, 2211A, 2211B, 2310, 2311B, 2311B, 2312, 2410, 2411, 2412A, 2412B, 2511, 2512A, 2512B, 2611, 2612A, 2612B, 2711, 2712A, 2712B, 2713, 2811, 2812A, 2812B, 2813A, 2813B, 2813A, 2813B, 2913A, 2913B and Parts of Blocks 1910A, 1910B, 2009, 1911, 2011A, 2012A, 2012B, 2112A, 2112B, 2212A, 2212B, 2313, 2413A, 2413B, 2613, 2614, 2714A, 2714B, 2814B, 2914A, and 2914B (Excluding Trap Seamount), Walvis, Lüderitz and Orange Basins, offshore deep water Namibia. The Proposed AOI falls in water depths ranging from ca 500m to more than ca-4000m, from east to west, respectively. Although the outlined Eastern Echo AOI represents a large area coverage, the actual likely location specific Multiclient/Proprietary 2D/3D seismic survey projects to be originated within the AOI will be limited to the specific Petroleum Exploration Licenses (PELs) and Blocks with high exploration potential. The likelihood of implementing specific projects within the proposed AOI will largely depend on the expression of interests by the PELs holders or the Government through Namor wanting to acquire Multiclient/Proprietary 2D/3D seismic data sets for their respective licenses.

The overall aim of undertaken Multiclient/Proprietary 2D/3D seismic survey seismic surveys is to map the subsurface of the key potential targeted areas within the outlined AOI. Although offshore seismic surveys operations in Namibia began as far back as 1968, a lot more still need to be done to have a full understanding of the subsurface geology, and petroleum systems of the deep-water offshore Namibia. The datasets from the potential Multiclient/Proprietary 2D/3D seismic surveys will provide critical insight into the regional and local subsurface geological evolution, deep water offshore basin architecture, depositional, structural history and delineate potential drill-ready subsurface potential reservoirs likely to be situated kilometers below the seafloor. Seismic survey data sets generated can also be utilised search for natural suitable Carbon Capture and Storage (CCS) banking terrains as one of the possible options for Climate Change long term global mitigation strategies. In oil and gas exploration, seismic survey data sets reduce the risk of drilling multiple dry wells, improve the chances for commercial discovery and reduces the environmental impacts of drilling more wells in the search for oil and gas resources.

The marine seismic survey is conducted using a specialist survey vessel towing an energy source in form of a compressed air source and hydrophone receivers. During the survey, compressed air is released to generate seismic acoustic signals/waves at regular intervals. The generated acoustic waves travel deep into the subsurface of the earth and get reflected by various rock formations of the subsurface at different depths below the seafloor. The returned signals get recorded and measured by receiving devices called hydrophones. Geophysicists, geologists, and petroleum engineers use sophisticated software to create subsurface images (maps showing potential subsurface geological structures called reservoirs that may contain potential commercial hydrocarbons resources). This is achieved by analysing the two-way travel times of the seismic waves through the various subsurface rock layers and the surface. 2D seismic survey is a regional mapping / imaging methodology aimed at de-risking an exploration project by establishing a validated Sedimentary Basin Scale Model of an exploration AOI. 3D seismic survey on the other hand, is a detailed local mapping / imaging methodology aimed at de-risking an exploration project by establishing a local validated Prospects / Leads Scale Models of an exploration AOI. 3D and 2D seismic surveys data sets are acquired on local to subregional dense and regional widely spaced survey grids / spacings, respectively.

The potential Multiclient/Proprietary 2D/3D seismic survey location specific projects to be undertaken within the AOI, will be conducted using a MARPOL / Namibian Maritime Laws compliant vessels and will adopt the well-established international best practices such as seasonality and survey implementation timing, establishment of buffer zones, use of Marine Mammal Observers (MMOs) & Fisheries Liaison Officers (FLOs), use of Passive Acoustic Monitoring (PAM) technology, soft starts and pre-firing observations, termination of firing in the 500m exclusion zone and use of turtle friendly tail buoys. The potential seismic survey activities within the proposed AOI cannot be undertaken without an Environmental Clearance Certificate (ECC) as provided for in the Environmental Management Act, 2007 (Act No. 7 of 2007) and the Environmental Impact Assessment (EIA) Regulations 30 of 2012. The Proponent is required to have undertaken environmental assessment process and the preparation of the EIA and Environmental Management Plan (EMP) report to support the application for ECC. In fulfillment of these environmental requirements, the Proponent has appointed Risk-Based Solutions (RBS) CC as the Environmental Consultant, led by Dr Sindia Muya and supported by Ms Emerita Ashpala as the Environmental Assessment Practitioners (EAPs) to prepare the EIA and EMP Reports. All Interested and Affected Parties (I&APs) are hereby invited to register and submit written comments / objections / inputs with respect to the potential Multiclient/Proprietary 2D/3D seismic survey to be undertaken within the proposed outlined AOI in Walvis, Lüderitz and Orange Basins, offshore Namibia. A Background Information Document (BID) and Project Reports are available for comments upon registration as a stakeholder / Interested and / Affected Party (I&AP). NOTE: In terms of the provisions of the EIA Regulation 23 (1), an I&AP is required to disclose, on registration any direct business, financial, personal, or other interest which that party may have in the approval or refusal of the ECC application.

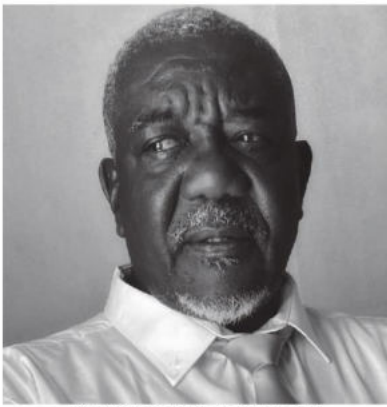
REGISTER BY EMAIL WITH: Ms Emerita Ashpala (EAP) Risk-Based Solutions (RBS) Independent Senior Technical Consultant.
Email: emerita.ashpala@gmail.com For more technical clarifications on marine seismic survey operations, the receiving environment and oil and gas exploration please contact Dr Sindia Muya EAP/Technical Permitting Advisor / International Resources Consultant. Email: frankie@rbs.com.na

REGISTRATION & WRITTEN SUBMISSIONS DEADLINE IS: FRIDAY, 1st SEPTEMBER 2023 AND PUBLIC MEETINGS HAVE BEEN ORGANISED IN

ORANJEMUND: Wednesday 9th August 2023, PLACE: Zachana Lewis Community Hall, TIME: From 09h00-12h00
LÜDERITZ: Thursday 10th August 2023, PLACE: Benguela Community Hall, Lüderitz Town, TIME: From 09h00-12h00
WALVIS BAY: Wednesday 16th August 2023, PLACE: Narreville Community Hall, TIME: From 14h00-17h00

Risk-Based Solutions (RBS) CC (URL: www.rbs.com.na)
 Your Technical Specialist Consultants, Permitting & De-Risking Advisors in Natural Resources covering Petroleum Exploration & Production Minerals Exploration & Mining / Energy / Water / Environmental Assessments & Management (ESD, SEA, SIA, EMP, EIA)
 Find Us @ 30 Schutzen Street, Erf No. 7382, Swakopmund-Hoene of RBS, Tel: +264-61-306058 / 224180 / 236588

Figure 4: First advert published in the New Era English language newspaper dated 3rd August 2023.



IN LOVING MEMORY OF OUR FATHER,
BROTHER, UNCLE,
GRANDFATHER & FRIEND

VAINO IPUNDAKA ELAGO

24 JULY 1955 - † 21 JULY 2023

"BE STILL, AND KNOW THAT I AM GOD"
PSALM 46: 10

MEMORIAL SERVICE
FRIDAY - 24 AUGUST 2023
TIME: 11:30

VENUE: HALLELUJAH PARISH - ELCEB
HANS-DIETRICH GENSCHER STREET,
BEHIND HAKAHANA SERVICE

BURIAL SERVICE
SATURDAY - 25 AUGUST 2023
TIME: 11:30

VENUE: 5673 HANS-DIETRICH GENSCHER STREET,
KATUTURA, OV 19/11

THE DEPARTING
TO OLD LOCATION CEMETERY, HOCHLAND PARK

ENQUIRIES:
INKEELA ULAMBA: 0814093004
TATE LEVI ELAGO: 0811293141



Perfectly Positioned

Corporate giant or SME: advertising and marketing
involves being at the ready.

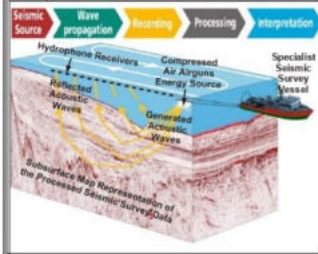
IDENTIFY | READY | ACT



CONFIDENTE

PUBLIC NOTICE FOR APPLICATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE (ECC)

Eastern Echo (Proponent) Proposed Multiclient/Proprietary 2D / 3D Area of Interest (AOI), Walvis, Lüderitz and Orange Basins, Offshore Namibia



EASTERN ECHO FREE ZONE ENTITY (FZE), (PROPOONENT) intends to apply for an Environmental Clearance Certificate (ECC) over the outlined Area of Interest (AOI) with respect to potential Multiclient/Proprietary 2D / 3D seismic survey location specific projects that may be originated within the outlined AOI. The outlined AOI covers Blocks 2010A, 2010B, 2011B, 2109, 2110A, 2110B, 2111A, 2111Ba, 2111Bb, 22210A, 2210B, 2211Aa, 2211Ab, 2211Ba, 2211Bb, 2310, 2311B, 2311B, 2312, 2410, 2411, 2412A, 2412B, 2511, 2512A, 2512B, 2611, 2612A, 2612B, 2711, 2712A, 2712B, 2713, 2811, 2812A, 2812B, 2813A, 2813B, 2912, 2913A, 2913B and Parts of Blocks 1910A, 1910B, 2009, 1911, 2011A, 2012A, 2012B, 2112A, 2112B, 2212A, 2212B, 2313, 2413A, 2413B, 2513, 2613, 2714A, 2714B, 2814B, 2914A, and 2914B (Excluding Trigge Seamount), Walvis, Lüderitz and Orange Basins, offshore deep-water Namibia. The Proposed AOI falls in water depths ranging from ca-500m to more than ca-4000m, from east to west, respectively. Although the outlined Eastern Echo AOI represents a large area coverage, the actual likely location specific Multiclient/Proprietary 2D/3D seismic survey projects to be originated within the AOI will be limited to the specific Petroleum Exploration Licenses (PELs) and Blocks with high exploration potential. The likelihood of implementing specific projects within the proposed AOI will largely depend on the expression of interests by the PELs holders or the Government through Namcor wanting to acquire Multiclient/Proprietary 2D/3D seismic data sets for their respective licenses.

The overall aim of undertaken Multiclient/Proprietary 2D/3D seismic survey seismic surveys is to map the subsurface of the key potential targeted areas within the outlined AOI. Although offshore seismic surveys operations in Namibia began as far back as 1968, a lot more still need to be done to have a full understanding of the subsurface geology, and petroleum systems of the deep-water offshore Namibia. The datasets from the potential Multiclient/Proprietary 2D/3D seismic surveys will provide critical insight into the regional and local subsurface geological evolution, deep-water offshore basin architecture, depositional, structural history and delineate potential drill-ready subsurface potential reservoirs likely to be situated kilometres below the seafloor. Seismic survey data sets generated can also be utilised search for natural suitable Carbon Capture and Storage (CCS) banking terrains as one of the possible options for Climate Change long-term global mitigation strategies. In oil and gas exploration, seismic survey data sets reduce the risk of drilling multiple dry wells, improve the chances for commercial discovery and reduces the environmental impacts of drilling more wells in the search for oil and gas resources.

The marine seismic survey is conducted using a specialist survey vessel towing an energy source in form of a compressed air source and hydrophone receivers. During the survey, compressed air is released to generate seismic acoustic signals/waves at regular intervals. The generated acoustic waves travel deep into the subsurface of the earth and get reflected by various rock formations of the subsurface at different depths below the seafloor. The returned signals get recorded and measured by receiving devices called hydrophones. Geophysicists, geologists, and petroleum engineers use sophisticated software to create subsurface images (maps) showing potential subsurface geological structures called reservoirs that may contain potential commercial hydrocarbons resources. This is achieved by analysing the two-way travel times of the seismic waves through the various subsurface rock layers and the surface. 2D seismic survey is a regional mapping / imaging methodology aimed at de-risking an exploration project by establishing a validated Sedimentary Basin Scale Model of an exploration AOI. 3D seismic survey on the other hand, is a detailed local mapping / imaging methodology aimed at de-risking an exploration project by establishing a local validated Prospect's or Leads' Scale Models of an exploration AOI. 3D and 2D seismic surveys data sets are acquired on local to subregional dense and regional widely spaced survey grids / spacings, respectively.

The potential Multiclient/Proprietary 2D / 3D seismic survey location specific projects to be undertaken within the AOI, will be conducted using a MARPOL / Namibian Maritime Laws compliant vessels and will adopt the well-established international best practices such as seasonality and survey implementation timing, establishment of buffer zones, use of Marine Mammal Observers (MМОs) & Fisheries Liaison Officers (FLOs), use of Passive Acoustic Monitoring (PAM) technology, soft starts' and 'pre-fring' observations, termination of fring in the 500m exclusion zone and use of turtle friendly tail buoys. The potential seismic survey activities within the proposed AOI cannot be undertaken without an Environmental Clearance Certificate (ECC) as provided for in the Environmental Management Act, 2007 (Act No. 7 of 2007) and the Environmental Impact Assessment (EIA) Regulations 30 of 2012. The Proponent is required to have undertaken environmental assessment process and the preparation of the EIA and Environmental Management Plan (EMP) report to support the application for ECC. In fulfillment of these environmental requirements, the Proponent has appointed Risk-Based Solutions (RBS) CC as the Environmental Consultant, led by Dr Sindila Mwaia and supported by Ms Emerita Ashipala as the Environmental Assessment Practitioners (EAPs) to prepare the EIA and EMP Reports. All Interested and Affected Parties (I&APs) are hereby invited to register and submit written comments / objections / inputs with respect to the potential Multiclient/Proprietary 2D / 3D seismic survey to be undertaken within the proposed outlined AOI in Walvis, Lüderitz and Orange Basins, offshore Namibia. A Background Information Document (BID) and Project Reports are available for comments upon registration as a stakeholder / Interested and / Affected Party (I&AP). NOTE: In terms of the provisions of the EIA Regulation 23 (1), an I&AP is required to disclose, on registration any direct business, financial, personal, or other interest which that party may have in the approval or refusal of the ECC application.

REGISTER BY EMAIL WITH: Ms Emerita Ashipala (EAP) Risk Based Solutions (RBS) Independent Senior Technical Consultants, Email: emerita.ashipala@gmail.com
For more technical clarifications on marine offshore subsurface mapping using seismic survey operations, the receiving environment and oil and gas exploration and production, please contact Dr Sindila Mwaia EAP/Technical Permitting Advisor/ International Resources Consultant, Email: fronides@rbs.com.na

PUBLIC MEETINGS HAVE BEEN ORGANISED IN ORANJEMUND, LÜDERITZ AND WALVIS BAY AS FOLLOWS:
ORANJEMUND: Wednesday, 9th August 2023, PLACE: Zacharia Lewata Community Hall, TIME: From 09hrs00-12hrs00
LÜDERITZ: Thursday 10th August 2023, PLACE: Bengueta Community Hall, Lüderitz Town, TIME: From 09hrs00-12hrs00
WALVIS BAY: Wednesday 16th August 2023, PLACE: Narraville Community Hall, TIME: From 14hrs00-17hrs00

REGISTRATION AND WRITTEN SUBMISSIONS DEADLINE IS: FRIDAY, 1st SEPTEMBER 2023
Risk-Based Solutions (RBS) CC (URL: www.rbs.com.na)
Your Technical Specialist Consultants, Permitting & De-Risking Advisors in Natural Resources covering Petroleum Exploration & Productivity Minerals Exploration & Mining / Energy / Water / Environmental Assessments & Management (ESG, SEA, EIA, EMP, EMS)
Find Us @ 10 Schutzen Street, Erf No. 7382, Sivieta House-Home of RBS, Tel: +264-61-306068 / 224780 / 236998

Figure 5: Second advert published in the Confidante language newspaper dated 4th August – 10th August 2023.

PROCUREMENT NOTICE

MTC hereby invites companies to participate in the following procurement opportunity.

TENDER NO: MTC33/23/0

REQUEST FOR PROPOSAL FOR THE SUPPLY AND DELIVERY OF IT HARDWARE FOR MOBILE TELECOMMUNICATIONS LIMITED (MTC)

BRIEFING MEETING:
Wednesday, 09th August 2023 @ 11H00

BRIEFING MEETING VENUE:
Microsoft Teams, the link will be on MTC's website.

CLOSING DATE: 25th August 2023 by 14H30

Terms of References are available at: www.mtc.com.na/procurement



Facebook, Instagram, Twitter icons and www.mtc.com.na

Expression of interest



NedNamibia Holdings Limited and its subsidiaries (NNH Group) invite all eligible companies to indicate their interest in providing the services listed below for a minimum period of 3 years.

1 Valuation services:
a Residential, commercial, industrial and agricultural property
b Building loan progress payments

Closing date: 10:00 on 17 August 2023

Delivery address: Ground Floor, Nedbank Campus, c/o Fidel Castro and Reverend Michael Scott Streets.

Attention: Procurement
Contact: Procurement@nedbank.com.na

The NNH Group Procurement will notify and issue detailed tender documents to successful applicants only once the selection has been made.

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Office hours:
Monday - Friday
Between 09h00 - 17h00
info@msnamibia.org

WHAT IS MULTIPLE SCLEROSIS?

A chronic disease of the brain and central nervous system

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REGISTER BY EMAIL WITH: Ms Emerita Ashipala (EAP) Risk-Based Solutions (RBS) Independent Senior Technical Consultant, Email: emerita.ashipala@gmail.com. For more technical clarifications on marine offshore subsurface mapping using seismic survey operations, the receiving environment and oil and gas exploration and production, please contact Dr Sindila Mwiya (EAP) Technical Permitting Advisor/ International Resources Consultant, Email: fromdesa@rbs.com.na

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REGISTRATION AND WRITTEN SUBMISSIONS DEADLINE IS: FRIDAY, 1st SEPTEMBER 2023

Risk-Based Solutions (RBS) CC (URL: www.rbs.com.na)
 Your Technical Specialist Consultants, Permitting & Drilling Advisor on Natural Resources covering Petroleum Exploration & Production/ Minerals Exploration & Mining / Energy / Water / Environmental Assessments & Management (ESG, SEA, EIA, EMP, EMS)
 Find Us @ 10 Schöten Street, Erf No. 7382, Sivalea House-Home of RBS, Tel: +264-61-306058 / 224790 / 236598

Figure 6: Third and multiple adverts published in the Market Watch of the Namibian Sun (English language newspaper), Republikein (Afrikaans language newspaper) and Allgemeine Zeitung (Namibian German Newspaper language newspaper) of Thursday, dated 7th August 2023.

4.3. Summary of the Organised Public Meetings

4.3.1. Oranjemund: Zacharia Lewala Community Hall (Annex 1- Minutes and Annex 4 - Attendance Registers).

The meeting primarily saw the attendance of officials from the Town Council, and the overall sentiment regarding the proposed project was positive. There was notably strong support from the Chief Executive Officer of the Oranjemund Town Council, who expressed hope that the oil and gas activities would contribute significantly to the town's economic development, particularly since the removal of restrictions in the movement of the diamond mining town.

However, there were concerns raised during the meeting. One official highlighted the need for improved notification of communities, suggesting engagement during organised festival events to ensure a larger audience is engaged. This official also acknowledged the project's potential to contribute to the town's economic growth but noted challenges related to the need for more energy infrastructure even though the town had robust aviation operations.

Nestor Sheimi, an Environmental Health Practitioner of the town council, brought up several observations and concerns. These included the potential overlap of diamond mining activities with the project, questions about the ownership of the company in relation to Namibian shares, and the issuance of an Ownership Clearance Certificate for the licensed block holder and those conducting the 2D/3D seismic survey. He also expressed concerns about the environmental impact of the project, such as the amount of movement in the water and its potential impact on fishing industries and fish reproduction. Mr Sheimi further emphasised the importance of local skills transfer and requested that the company ensure that the local community in the towns benefits from the logistical opportunities presented by the project.

Overall, the attendees showcased a positive sentiment towards the project, with notable enthusiasm for its potential economic benefits. However, concerns and questions raised during the meeting underlined the importance of thorough environmental assessments, clear ownership and regulatory processes, and proactive community engagement to address potential challenges and ensure local benefits from the project.

4.3.2. Lüderitz: Benguela Community Hall (Annex 1- Minutes and Annex 4 - Attendance Registers)

The overall sentiment towards the project is highly positive, with well-attended and active participation from the community. Additionally, community members are eagerly looking forward to potential employment opportunities that may arise from the

project's success. The community's expressed interest in marine mammal observers and potential training opportunities in this field. It suggests that there is enthusiasm for learning and engaging with the project's environmental aspects, which could enhance the community's understanding of marine conservation. However, questions about which sedimentary basin holds more hydrocarbon potential were raised, with the Orange Sedimentary Basin showing recent positive results. It's emphasized that actual potential depends on ongoing studies, geological factors, technology, and exploration efforts, highlighting the complexity of oil exploration success.

4.3.3. Walvis Bay: Narraville Community Hall (Annex 1- Minutes and Annex 4 - Attendance Registers)

The meeting was poorly attended, despite the extensive efforts in distributing notices in towns near Walvis Bay, including Swakopmund and Henties Bay. It appears that the direct, door-to-door interactions with key stakeholder on other marine users, such as fisheries, fishing companies and associations, and other marine users proved to have been considered sufficient, potentially contributing to the low turnout. Furthermore, the limited overlap of the project with other marine activities in the area of interest (AOI) may have played a role in the poor attendance.

4.4. Conducted direct contact and engagement of other marine users, such as fisheries, fishing companies and associations, and other marine users' stakeholders.

Door-to-door engagement with the fishing sector has proven to be highly successful, resulting in positive interactions with key operators in the sector. The management of various companies, including those at the Port of Walvisbay (Seaworks Fish Processors, Benguella Fisheries, Tunacor Fisheries, Merlus Fishing, Pereira Fishing, Gendev, Novanam, Hangana Fishing, Embwinda, Freddie's Fishing, Cato Fishing, Taiyo Namibia - Crab, Directorate of Maritime Affairs), the Port of Luderitz (Marco Fishing, Novanam), and the coastal towns of Henties Bay and Swakopmund (represented by Mr. I. Isacks, chair of coastal ski boat associations), has been open and welcoming (Annex 3: Fisheries, Fishing, and other Marine Users' Stakeholders Register).

These key stakeholders are enthusiastic about the growth of the Namibian oil and gas sector and the overall prosperity of the Namibian people. Importantly, no objections or negativity were raised during these engagements. Hence, to maintain a strong line of communication, a commitment has been made to provide daily updates to local fishing vessels regarding the seismic operation and activities. The Navigation team in the instrument room will be available to assist as needed, ensuring transparency and collaboration with the fishing sector.

5. Recommendations

Based on this stakeholder engagement report and the plan for ongoing engagement and communication, the following is recommended:

- (i) Notify key stakeholders who attended the engagement sessions about the completion of the reports. Provide them with access to the finalised reports, ensuring transparency and accountability.
- (ii) Establish a communication plan to keep institutional/registered stakeholders informed about the progress of the project and the outcomes of stakeholder engagement.
- (iii) Continue to maintain and update the master database, ensuring it remains accurate and up to date. Use the database as a tool to facilitate ongoing communication and engagement with stakeholders.
- (iv) Develop a strategy for building and nurturing relationships with interested and affected communities.
- (v) Ensure that responses to stakeholder comments and grievances are timely and well-documented. Implement an effective tracking system for these responses.
- (vi) Develop a clear protocol for handling conflicts and disputes that may arise during the project. Ensure that mechanisms for resolution are fair, transparent, and accessible to all stakeholders.
- (vii) Continuously seek opportunities for improvement in stakeholder engagement efforts. Actively seek feedback from stakeholders on how the engagement process can be enhanced.

These recommendations foster positive and constructive stakeholder engagement process, promoting transparency, trust, and collaboration throughout the project's lifecycle.

6. Conclusions

The conclusion of the stakeholder engagement report reflects a positive and successful outcome of the engagement process. The key findings and sentiments expressed by stakeholders indicate a high level of satisfaction and support for the proposed project.

The stakeholder engagement efforts have been successful, with active participation from various stakeholder groups. Stakeholders have noted that the information provided throughout the engagement process was detailed and comprehensive. This transparency and completeness have contributed to a clear understanding of the project's scope and potential impacts. Stakeholders have expressed their satisfaction with the project's location in deep water, which minimises the likelihood of overlapping with fishing grounds. This has alleviated concerns about negative impacts on the fishing sector. As a result, stakeholders are generally supportive of the project. Overall,

stakeholders are enthusiastic and forward-looking. They anticipate the positive opportunities that the entire oil and gas sector can bring to the country.

In conclusion, the stakeholder engagement process has achieved its objectives by fostering a positive and supportive atmosphere among stakeholders. Their satisfaction with the project's location and their anticipation of the benefits from the oil and gas sector are encouraging signs for the project's successful development and implementation. The commitment to ongoing communication and collaboration with stakeholders will be vital to maintaining this positive relationship throughout the project.

Annexures

Annex 1: Minutes of physical meetings in Oranjemund, Lüderitz and Walvis Bay.

Oranjemund Town

Date: 09th August 2023

Venue: Zacharia Lewala Community Hall

Time: 09h00

Stakeholders register as attached to the minutes.

Presentation

The presentation was delivered by Ms. Emerita Ashipala, the Environmental Assessment Practitioner of RBS on the project, as below:

1. Hydrocarbons Map of Namibia Showing Tenants of Subsurface Resources
2. Sedimentary Basins of the World, including Basins of West, Central and Southern African Atlantic Margin
3. Sedimentary Basins Namibia
4. Historical Perspective on Marine Seismic Survey in Namibia
5. PEL, Block, AOI, Seismic Survey, Well Drilling & Oil /Gas Field
6. Key AOI for Proposed Offshore 2D/3D Seismic Survey
7. Offshore 2D/3D Seismic Survey and Compliance Requirements
8. Environmental Assessment Process, EMA, 2007 and EIA Regulations 2012
9. Overview of Marine 3D Seismic Survey
10. Proposed 3D Seismic Survey
11. AOI and Living Marine Resources Receiving Environment
12. AOI, Commercial Fishing Grounds and MFMR Survey Areas
13. AOI and Tuna Landing
14. Understanding Constructive and Destructive Waves Interferences
15. Underwater Noise Acoustic Modelling
16. Likely Sources of Negative Marine Receiving Environment
17. Potential Positive Impacts Assessment
18. International Best Practices Seismic Survey Mitigation Measures
19. Illustration of Offshore Seismic Survey Mitigation Measures
20. KBSMM Opportunity for Coexistence Framework
21. Way forward
 - As part of the ongoing environmental assessment process leading to the preparation of the EIA and EMP Report in support of the application for the ECC, all Interested and Affected Parties (I&APs) are invited to register and

submit written comments /objections/inputs with respect to the proposed 2D/3D seismic survey operations on or before the **Friday, 1st September 2023**.

- The Proponent intends to submit the application for ECC from the **week Starting 25th September 2023**.

22. Questions and Answers

Questions/Discussions

1. Where will the seismic vessel commence with the seismic survey campaign?

The location-specific seismic survey will likely originate within the outlined AOI and will be undertaken over multiple annual survey events subject to the Proponent being granted an ECC, favourable weather windows, and local receiving environmental conditions.

Similarly, other international companies are also undertaking similar campaigns, and it all depends on who is more trusted and the different technologies they'll be using.

2. How many people are expected to be housed in Oranjemund during the campaign?

The base of the operation is more likely to be between Lüderitz and Walvis Bay because of the Port facilities and other services, amongst other requirements needed during the campaign. Oranjemund will likely be used as an aviation base for crew change. However, we don't have data since it's all speculative and dependent on the expression of interest from PEL holders.

3. Where will the base for the seismic operation be between Oranjemund, Lüderitz and Walvis Bay? Or where will the Free Echo Zone Entity team base their operations?

The base of the operation is more likely to be between Lüderitz and Walvis Bay because of the Port facilities and other services, amongst other requirements needed during the campaign.

4. Is the seismic activity not going to disturb the fishing industry and fish migration and breeding seasons with the vessel's movement during the survey?

The proposed 2D/3D Seismic survey area falls within the Benguela Current Large Marine Ecosystem (BCLME), which holds an abundance of living and non-living marine resources. The BCLME is an important and productive Large Marine Ecosystem (LME), supporting important biodiversity and biomass of fish, sea birds and marine mammals. The EIA study shall address any such likely negative impacts as result of the overlaps and the assessment shall include Normal Vessel Operations, impacts on marine fauna, Impacts on other users such fisheries, conservation and international shipping lanes and seafloor communication cables.

5. What happens when the seismic survey and diamond mining process overlap in the same PEL/Mining block?

Marine-based diamond exploration and mining are found in shallow water of less than - 200m, whilst the proposed Area of Interest (AOI) for the seismic survey is for deep water

within the water depth ranging from ca-500m to more than ca-4000m. The AOI covers a busy international shipping lane away from marine diamond activities. Additionally, the survey the proponent will carry out is non-invasive and will not interfere with the diamond mining process. However, they will need to be informed about the operations before the survey starts.

6. Are there any opportunity for skill transfer for/to locals?

The only likely skill transfer will be through the training of Marine Mammal Observers (MMOs) or Passive Acoustic Monitoring (PAM). The training will be offered by Seiche Ltd (UK). Since the marine seismic survey is a highly specialised service, the company has qualified personnel and specialists to execute the jobs.

7. Do any Namibians have shares in the company Free Echo Zone Entity that will conduct the survey?

The Proponent applying for the permit is an international company and provides a highly specialised service that cannot be found in Namibia. The collected Multi-client (MC) datasets are sold/licensed to several clients on a non-exclusive basis or on proprietary agreements. The data acquired is owned by the proponent and later may be transferred to partner/s / Government depending on the contractual and confidentiality arrangements.

8. Will the Environmental Clearance Certificate (ECC) be issued to the licence block's PEL holder or the 'Proponent' Free Echo Zone Entity?

If approved, the Environmental Clearance Certificate (ECC) will be granted to the applicant Free Echo Zone Entity ('the Proponent'), an international seismic multIClient provider wholly owned by SLB Limited, who is seeking to conduct the seismic survey and not the PEL holders.

An Environmental Clearance Certificate (ECC) granted to a Proponent who is a seismic contractor may be used to acquire both Multi-client (MC) and Proprietary (Exclusive) seismic survey on conditions that all the contractual arrangements and data ownership requirements among the various parties involved in the partnership including the Government have been agreed. However, an ECC granted to a Proponent who is a license (PEL) holder may be used to acquire only Proprietary or Exclusive seismic survey data in line with provisions of the Petroleum Agreement with respect to the data ownership. The ECC applied for this project covers both Multi-client and Proprietary (Exclusive) seismic survey business arrangements.

9. What is the duration of the seismic campaign?

This will be dependent on the likelihood of implementing specific projects within the proposed AOI, which will largely depend on the expression of interest by the PELs holders wanting to acquire MultIClient/Proprietary 2D/3D seismic data sets over their licenses.

10. What is the distance from shore to the edge of the Area of Interest (AOI) out at sea?

The distance is approximately 120km from the shoreline to the eastern edge of the Area of Interest.

Comments/Suggestions

1. The stakeholder meeting invitation was on short notice and was thus not widely distributed, hence the poor attendance. They urged the team to send the information on community WhatsApp groups and to schedule the afternoon meeting when people have knocked off and back from the mines.

2. They suggested that Risk Based Solutions (RBS) investigate other methods to attract the local community to such meetings. Further pointing out that stakeholder engagements are usually poorly attended by the local community.

3. Risk Based Solutions (RBS) should utilise the opportunity to showcase at events such as the Diamond Festival for stakeholder engagement and awareness.

Final Remarks:

The presenter, Ms. Emerita Ashipala, thanked everyone for taking the time to attend this engagement. She urged them to submit any input and recommendations. The deadline for written submissions is on the 1st of September 2023.

Stakeholder Register for Eastern Echo Free Zone Entity (FZE)

For Proposed Multiclient/Proprietary 2D / 3D in Area of Interest (AOI), Walvis, Lüderitz, and Orange Basins, Offshore Namibia

NOTE: This Stakeholder Register May Be Shared With Other Stakeholders as May Be Requested by the Government

Date: 09 AUGUST 2023

Time: 09H00 - 12H00

Location: ORANJEMUND - ZACHARIA LEWALA
COMMUNITY HALL

No.	NAME AND SURNAME	ORGANISATION
1.	Mary Barten	ODIKWA GODSERVICES
2.	Ementa Abiyela	RBS
3.	Don Nyambe	RBS
4.	RONAN ENGELBRECHT	RBS
5.	MARIA MUFENDA	RBS
6.	Meriam Kauyama	R. B. S
7.	ERIC GIEKE	Town Council / (OTC)
8.	Chicely Keteera	Town Council CEO
9.	Nestor Sheimi	Town Council (GAP)
10.	ABNER JIMENEZ	Town Council







Lüderitz Town

Date: 10th August 2023

Venue: Benguela community Hall

Time: 09h00

Stakeholders register as attached to the minutes.

Presentation

The presentation was delivered by Dr. Sindila Mwiya, the Environmental Assessment Practitioner of RBS on the project as below:

1. Hydrocarbons Map of Namibia Showing Tenants of Subsurface Resources
2. Sedimentary Basins of the World, including Basins of West, Central and Southern African Atlantic Margin
3. Sedimentary Basins Namibia
4. Historical Perspective on Marine Seismic Survey in Namibia
5. PEL, Block, AOI, Seismic Survey, Well Drilling & Oil /Gas Field
6. Key AOI for Proposed Offshore 2D/3D Seismic Survey
7. Offshore 2D/3D Seismic Survey and Compliance Requirements
8. Environmental Assessment Process, EMA, 2007 and EIA Regulations 2012
9. Overview of Marine 3D Seismic Survey
10. Proposed 3D Seismic Survey
11. AOI and Living Marine Resources Receiving Environment
12. AOI, Commercial Fishing Grounds and MFMR Survey Areas
13. AOI and Tuna Landing
14. Understanding Constructive and Destructive Waves Interferences
15. Underwater Noise Acoustic Modelling
16. Likely Sources of Negative Marine Receiving Environment
17. Potential Positive Impacts Assessment
18. International Best Practices Seismic Survey Mitigation Measures
19. Illustration of Offshore Seismic Survey Mitigation Measures
20. KBSMM Opportunity for Coexistence Framework
21. Way forward
 - As part of the ongoing environmental assessment process leading to the preparation of the EIA and EMP Report in support of the application for the ECC, all Interested and Affected Parties (I&APs) are invited to register and submit written comments /objections/inputs with respect to the proposed 2D/3D seismic survey operations on or before the Friday, 1st September 2023.
 - The Proponent intends to submit the application for ECC from the week Starting 25th September 2023.
22. Questions and Answers

Questions/Discussions

1. Can individuals still apply for a PEL block?

Yes, individuals can apply for PEL blocks. It is noteworthy that it is very cost-intensive to acquire, keep and maintain the licence per the Ministry of Mines and Energy (MME) requirements. The applicant will require some technologies for exploration work, funds, and specialised professionals to assist in preparing documentation for PEL applications and renewals.

2. The block that extended from the sea onto land. Will it be explored the same way?

The exploration methods on land and at sea are the same but will require different technologies to conduct the various methods of exploration. Exploration at sea (offshore) is undertaken using a vessel equipped with the necessary equipment to carry out the required work. Meanwhile, the blocks on land (onshore) are explored using a mounted tractor.

3. Which of the three (Orange, Lüderitz, and Walvis) sedimentary basins has more potential or is more favorable in terms of prospecting?

The potential of the basin depends on the survey to be undertaken to help determine the potential and viability of the basin. However, as already seen in various media platforms, the recent oil discovery is in the Orange Sedimentary Basin which has proven to be positive.

4. Where do we get more information on the mammal monitoring training course you mentioned?

As mentioned in the presentation, once the seismic survey is confirmed, a notification will be given before training. The training will be delivered by Seiche Ltd (UK) in October before the survey commences. However, it is self-funded and quite pricey. We will seek sponsorship assistance from NAMCOR and PETROFUND to fund the training before the commencement of the survey.

5. What is the importance of the data being collected during the seismic survey?

The data from the 2D/3D seismic data sets operations during the seismic surveys will create future economic opportunities for drilling potentials. The proposed multiclient 2D/3D seismic survey operations data sets will provide critical insight into the subsurface geological evolution, offshore basin architecture, and depositional and structural history of the Walvis, Lüderitz, and Orange Basins, offshore Namibia. Although marine seismic survey operations in Namibia began as far back as 1968, much more still needs to be done to understand the petroleum systems offshore Namibia fully.

Hence, the data sets from the proposed 2D/3D seismic survey activities will attract more multinational oil and gas companies to undertake further exploration activities offshore Namibia that could lead to additional oil and gas discoveries in the offshore deep-water environment.

Final Remarks:

The presenter, Dr. Sindila Mwiya, thanked everyone for taking the time to attend this meeting. He urged everyone to submit any inputs and recommendations, and the deadline for written submissions is on the 1st of September 2023.

Stakeholder Register for Eastern Echo Free Zone Entity (FZE)

For Proposed Multiclient/Proprietary 2D / 3D in Area of Interest (AOI), Walvis, Lüderitz, and Orange Basins, Offshore Namibia

NOTE: This Stakeholder Register May Be Shared With Other Stakeholders as May Be Requested by the Government

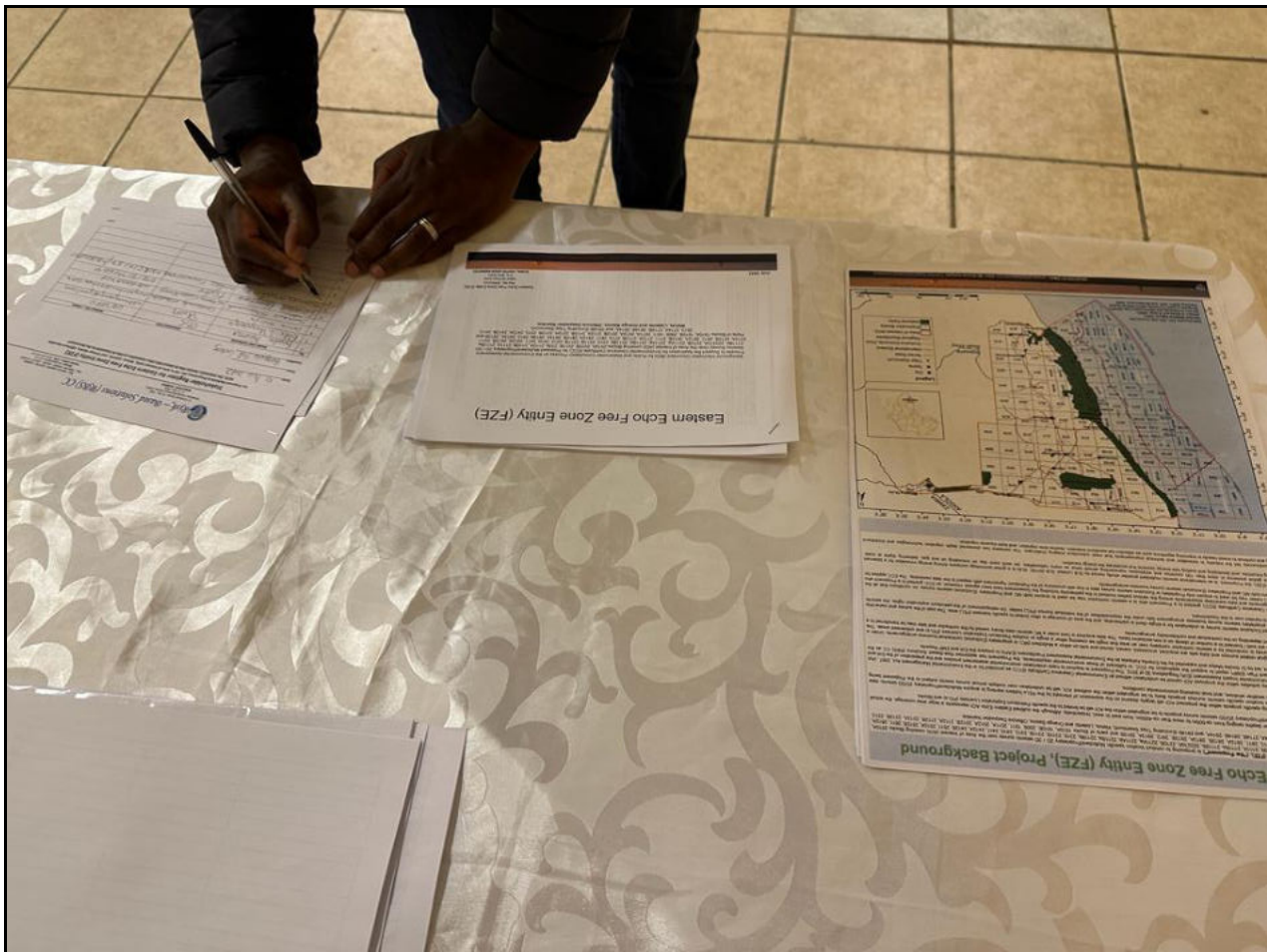
Date: 10 Aug 2023

Time: 09:00 - 12:00

Location: Benguela Hall Lüderitz

No.	NAME AND SURNAME	ORGANISATION
1.	Ementa ASHIMBA	RBS
2.	Eddie S. Muguwanga	PRWA
3.	CALVIN MWIXA	Community MEMBER
4.	Sageus Shimuandi	Etemo Consultancy
5.	Lameck Nuuyoma	Tylos
6.	Tilomas Mukhoko	OMAKE Investment
7.	Don Nyambe	RBS
8.	MARIA MUFENDA	RBS
9.	LAURENTIUS BROWN	COMMUNITY MEMBER.
10.	STEVEN ADAMS	COMMUNITY MEMBER

No.	NAME AND SURNAME	ORGANISATION / VILLAGE
11.	Mabou Tony Mbundu	Eb. Baptist church
12.	HOWAN ENGELBRECHT	RBS
13.	E. CARELSE	
14.	MARKEN IYAMBO	CAPMAKINE
15.	Rouine Solomons	—
16.	Freddy Dors	Benguet
17.	Angula Hilja	-
18.	Willem Boois	-
19.	Aina Daniel	buildingtogether
20.	Dahafa Kas hindulika	dahafadki@gmail.com
21.		
22.		
23.		
24.		
25.		
26.		
27.		





Walvis Bay Town

Date: 16th August 2023

Venue: Narraville community Hall

Time: 14h00

Stakeholders register as attached.

Presentation

The presentation was delivered by Ms. Emerita Ashipala, the Environmental Consultant of RBS on the project as below:

1. Hydrocarbons Map of Namibia Showing Tenants of Subsurface Resources
2. Sedimentary Basins of the World, including Basins of West, Central, and Southern African Atlantic Margin
3. Sedimentary Basins Namibia
4. Historical Perspective on Marine Seismic Survey in Namibia
5. PEL, Block, AOI, Seismic Survey, Well Drilling & Oil /Gas Field
6. Key AOI for Proposed Offshore 2D/3D Seismic Survey
7. Offshore 2D/3D Seismic Survey and Compliance Requirements
8. Environmental Assessment Process, EMA, 2007 and EIA Regulations 2012
9. Overview of Marine 3D Seismic Survey
10. Proposed 3D Seismic Survey
11. AOI and Living Marine Resources Receiving Environment
12. AOI, Commercial Fishing Grounds, and MFMR Survey Areas
13. AOI and Tuna Landing
14. Understanding Constructive and Destructive Waves Interferences
15. Underwater Noise Acoustic Modelling
16. Likely Sources of Negative Marine Receiving Environment
17. Potential Positive Impacts Assessment
18. International Best Practices Seismic Survey Mitigation Measures
19. Illustration of Offshore Seismic Survey Mitigation Measures
20. KBSMM Opportunity for Coexistence Framework
21. Way forward
 - As part of the ongoing environmental assessment process leading to the preparation of the EIA and EMP Report in support of the application for the ECC, all Interested and Affected Parties (I&APs) are invited to register and submit written comments /objections/inputs with respect to the proposed 2D/3D seismic survey operations on or before the Friday, 1st September 2023.
 - The Proponent intends to submit the application for ECC from the week Starting 25th September 2023.
22. Questions and Answers

Questions/Discussions

No questions were raised at this engagement.

Final Remarks:

The presenter, Ms Emerita Ashipala, thanked everyone for taking the time to attend this engagement. She urged them to submit any input and recommendations. The deadline for written submissions is on the 1st of September 2023.

Stakeholder Register for Eastern Echo Free Zone Entity (FZE)

For Proposed Multiclient/Proprietary 2D / 3D in Area of Interest (AOI), Walvis, Lüderitz, and Orange Basins, Offshore Namibia

NOTE: This Stakeholder Register May Be Shared With Other Stakeholders as May Be Requested by the Government

Date: 16 August 2023
 Time: 14h00 - 17h00
 Location: Narraville Community Hall, Walvis Bay

No.	NAME AND SURNAME	ORGANISATION
1.	HOWAN ENGELBRECHT	RBS
2.	EMILITA ASHIPALA	RBS
3.	MARIA MUENDA	RBS
4.	Meriam Kauyama	RBS
5.	Eger Simasiku	RBS
6.	P. A. RINOVEST	RBS CONSULTANT
7.	D. Penda	Nafangwe Events
8.	Taleni-Ohole Samuel	I
9.		
10.		





Annex 2: Public Notices

ORANJEMUND TOWN

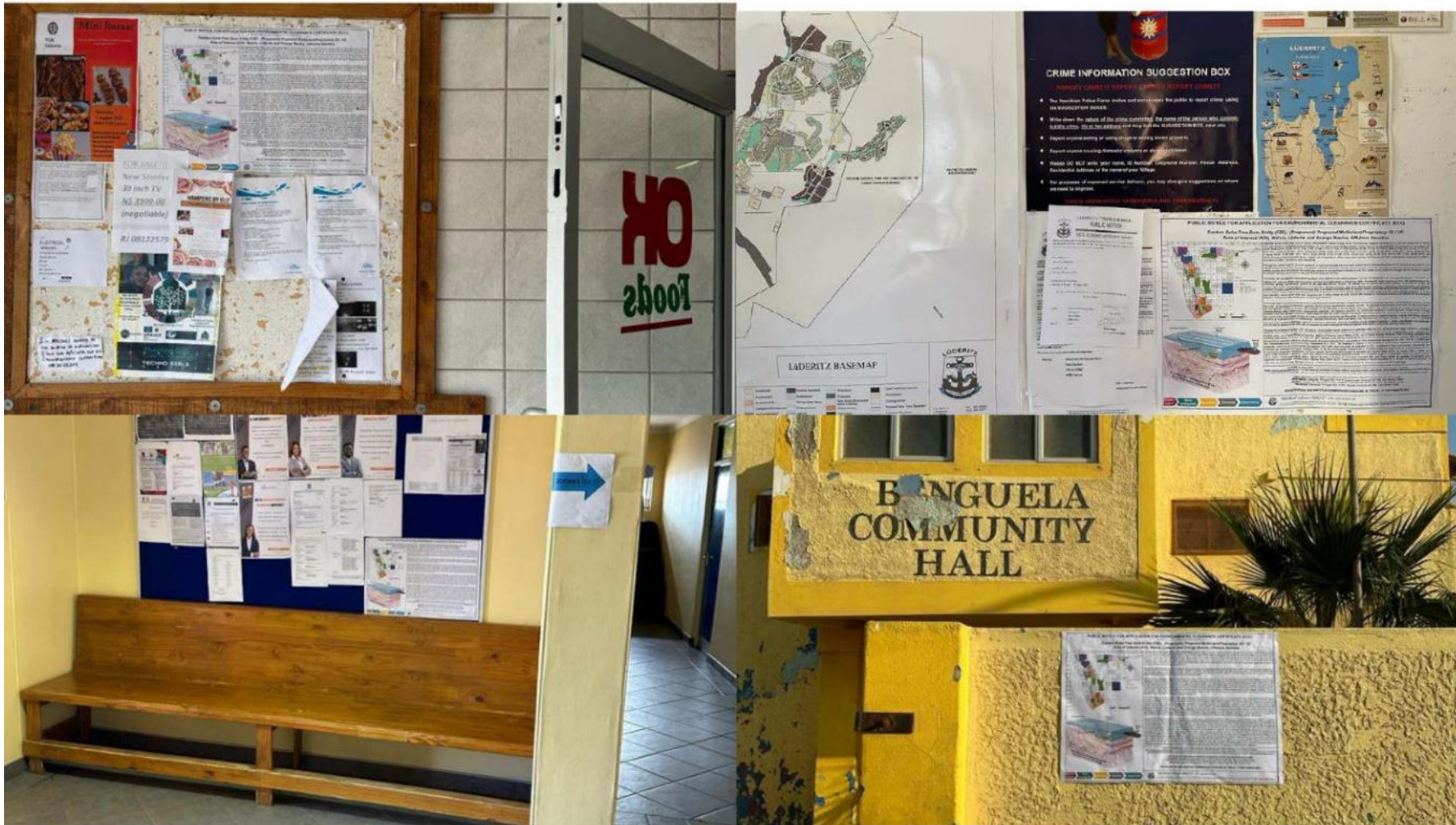


Left to right: Oranjemund Town Council Office, Local Spar supermarket Eastgate Mall Oranjemund



Map showing location of the distribution of public notices and public meeting location in Oranjemund.

LUDERITZ TOWN



Top left: Ok supermarket, top right: Lüderitz Town Council Office, Left bottom: Karas Regional Office in Lüderitz, Right bottom: Benguela Community Hall.

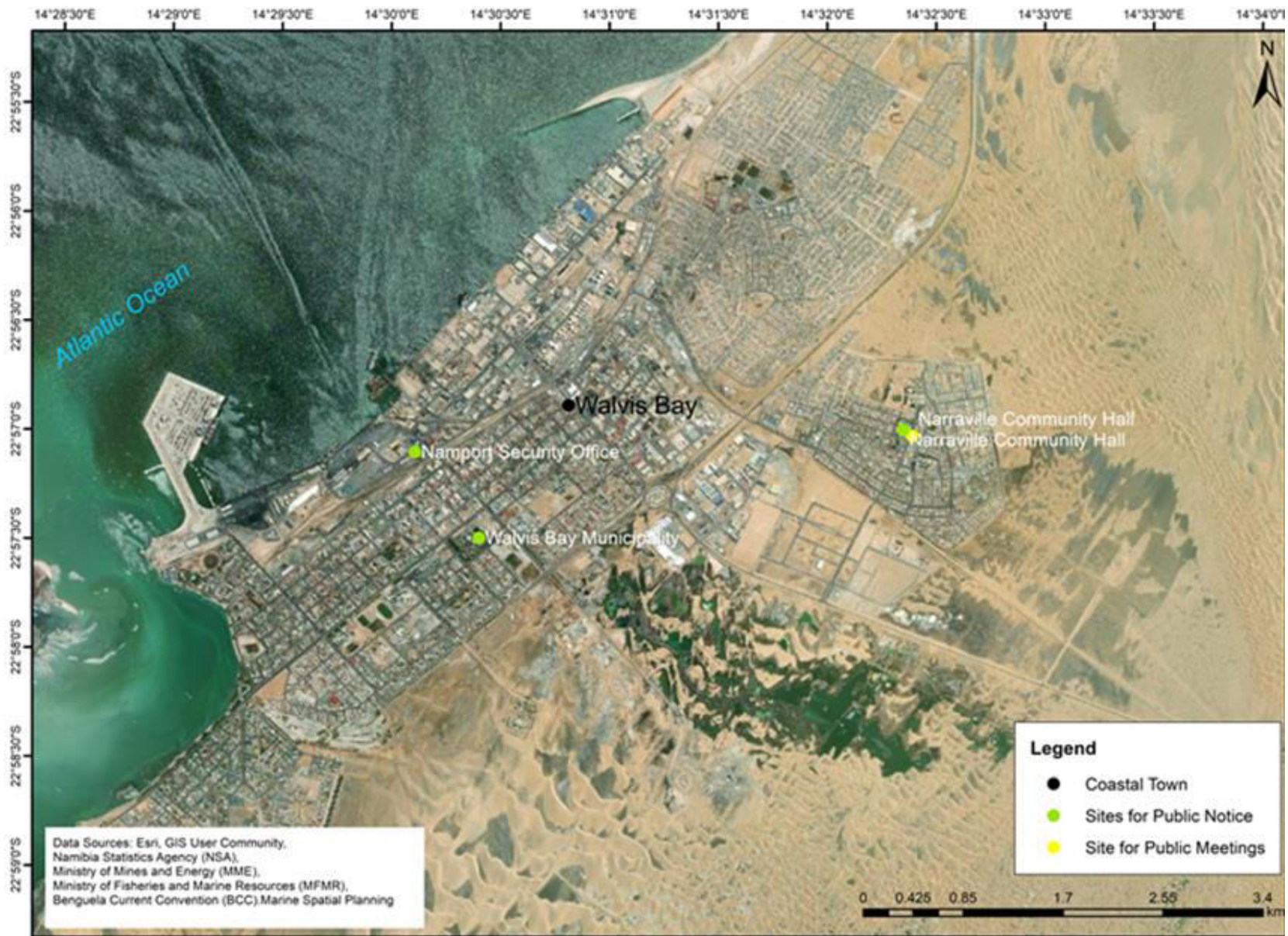


Map showing location of the distribution of public notices and public meeting location in Lüderitz.

WALVIS BAY

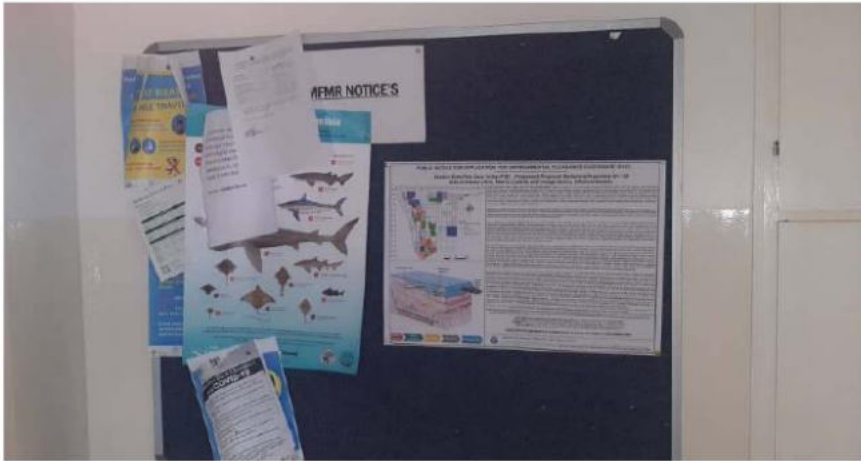


Left top: Narraville Municipality building, bottom left: Namport security office, right: Walvis Bay Municipality



Map showing location of the distribution of public notices and public meeting location in Walvis Bay.

SWAKOPMUND TOWN



Top Left: Ministry of Fisheries and Marine Resources, Left bottom: Erongo Regional Office, right: Swakopmund Municipality Building.



Map showing location of the distribution of public notices and public meeting location in Swakopmund.

HENTIES BAY



Left: Local U-Save Supermarket, Top right: Henties Municipality and Bottom right: University Sam Nujoma Campus



Map showing location of the distribution of public notices and public meeting location in Henties Bay.

Annex 3: Fisheries, Fishing, and other Marine Users' Stakeholders Register



10 Schützen Street, Erf No. 7382
Windhoek Central Business District (CBD),
P. O. Box 1839
WINDHOEK, NAMIBIA

Tel: +264-61-306058 / 224780 / 236598
Fax: +264-061-245001, Mobile: +264-811413229
Email: frontdesk@rbs.com.na
Global Office / URL: www.rbs.com.na

Stakeholder Register for Eastern Echo Free Zone Entity (FZE)

For Proposed Multiclient/Proprietary 2D / 3D in Area of Interest (AOI), Walvis, Lüderitz, and Orange Basins, Offshore Namibia

NOTE: This Stakeholder Register May Be Shared With Other Stakeholders as May Be Requested by the Government

No.	NAME AND SURNAME	ORGANISATION	Date
1.	Gordian JOUBERT	BFL / SEAWORK	09/08/23
2.	MARIO MUÑOZ	CATO FISHING ENTERPRISES	09/08/23
3.	JOSEPH KAMBANZIRA	OVERBERG FISHING	
4.	JOSEPH KAMBANZIRA	EMBWINDA FISHING	ing con
5.	Joy MEYER	SPENCER BAY	09/08/23
6.	PEI		
7.	ERENGO MARINE	REGGIE BROWN	11/08/23
8.			11/08/23
9.	Dean Ganschloss	Gendev	11/08/23
10.	Bradley Classen	Navanam	11/08/23
11.	PETRUS NAMWANDI	EMBWINDA	14/08.2023
12.	Hans Scherder	Tairp	14-8-23
13.	Kennedy Mbangwa	Tunacor	14-8-23

14.	FLAKKA MILLER	MERLUS FISHING
15.	Dawid Nuuyoma	Blue Sea Fishing / ^{Pereira} Seafood
16.	RUBEN GREENEWALD	HANSAWA SEAFOOD
17.	Noël ZANKOWITZ	FRESH FISH
18.	Jolandie Stoltz	Westhook Fish P
19.	Johannes Muzanima	MARITIME AFFAIRS W/BAY
20.		
21.		
22.		
23.		
24.		
25.		

14/8/23
~~15/8/23~~
15/8/23
15/08/23
17/08/23
15.com.nq
17/08/2023

Annex 4: Integrated Stakeholder Register including public meetings attendees, registration in response to advert and fishing companies and other marine users.

	Name	Organization/Role	Contact Details
Public Meeting			
Oranjemund			
1	Marton Barton	Odikwa Geoservices	811470381
2	Erick Geibeb	OTC	813804480
3	Charles Kakura	OTC	811281869
4	Nestor Sheimi	OTC (EHP)	811555615
5	Abner Imene	OTC	816579948
Luderitz			
6	Eddie Uugwanga	Community member	
7	Calvin Mwiya	Community member	
8	Saggeus Shimwandi	Etemo Consultancy	
9	Lameck Nuuyoma	Tailor	
10	Thomas Muthoko	Omake Investment	812510187
11	Laurentius Brown	Community member	814534841
12	Steven Adams	Community member	814534748
13	Mapeu Tony Mbundu	EB. Baptist Church	812911725
14	E. Carelse	Community member	816804590
15	Warren Iyambo	CapMarine	813029103
16	Ronnie Solomons	Community member	816983864
17	Freddy Dors	Bneguela	813380247
18	Angula Hilya	Community member	812280023
19	Willem Boois	Community member	
20	Aina Daniel	Building Together	818741824
21	Dahafa Kashindulika	Community member	813571259
Walvis Bay			
22	Taleni-ohole Samuel	Natangwe Events	815978743
23	David Penda	Natangwe Events	813521252
Stakeholders Register in Response to Public Notice/Advertisement			
24	Ron Wolters Confederation of Namibian Fishing Associations	secretary@nha.org.na	
Fishing companies and other marine users			
25	Gordan Joubert	BFC / Seawork's	bspshore@benguella.com
26	-	CATO Fishing Enterprises	mario@cato.com.na
27	-	Overberg Fishing	
28	Joseph	Embwinda Fishing	joseph.kambanzera@catofishing.co

	Name	Organization/Role	Contact Details
	Kambanzera		m
29	Toy Weyer	Spencer Bay	Marco Fishing
30	Rengo Marine	Reggie Brown	reggie.brown@erongo.co.za
31	-	Gebdor	deon@genor.com.na
32	-	Novanam	Lalandii1@skyfile.com
			Ribadavia@skyfile.com
			Mardelcabo@skyfile.com
			Novanam1@skyfile.com
			Lalandii1@skyfile.com
			Komukandi@skyfile.com
			Kowares@skyfile.com
			gerhardk@novanam.com
			Fkeerclerkwvb@novanam.com
33	Petrus Namwandi	Emwinnda	
34	Humb Scheider	Tarp	
35	Kennedy Mbanga	Tunacor	kmbanga@tunacor.com.na
36	Flakka Miller	Merlus Fishing	flakka@merlus.com.na
37	David Nuuyoma	Blueseas fishing / Pereira Seafood	estai.blueseas@gmail.com
			dawid@blueseas.com.na
38	Ruben Groenewald	Hangana Seafood	Ruben.Groenewald@ol.na
39	Noel	Freddie Fish	noel@freddiefishpro.com
40	Jolandie Stoltz	Westhook fish prix	sharifa@westhook.com.na
41	Johannes Muzanima	Maritime affairs Walvis Bay	johannes.muzanuma@mwt.gov.na