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HRT Emergency Response Plan (ERP)

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A-Distribution list

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18	Senergy	Senergy Aberdeen - Emergency Response Room	
19	HRT	HRT Windhoek - Emergency Response Room	
20	HRT	HRT Luderitz - Emergency Response Room	

B-Acronyms

ALS	Advanced Life support (Paramedic)
BCO:	Ballast Control Operator.
BLS:	Basic Life Support (Paramedic)
DM:	Duty Manager (Onshore HRT Drilling Superintendent).
DO:	Duty Officer (TOI Rig Manager).
ERP:	Emergency Response Procedure
HRT:	HRT África Petróleo S.A-Namibia.
HRT-IMT:	HRT Incident Management Team.
HRT-SDSV	HRT Senior Drilling Supervisor
IATA:	International Air Transport Association
IC:	Incident Commander.
ICAO:	International Civil Aviation Organization
ISOS:	International SOS
MERP:	Medical Evacuation Response Plan
OIM:	Offshore Installation Manager.
OERT:	Offshore Emergency Response Team
OERC:	Onshore Emergency Response Center
OERCT:	onshore Emergency Response Center Team.
OSC:	On Scene Commander.
OSCP:	Oil Spill Contingency Plan
SDSV:	Senior Drilling Supervisor

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PART ONE: GENERALITIES

1. Introduction

1.1. Objective and Purpose

1.1.1. Objective

The emergency response plan is the key procedure for the offshore Emergency response on the rig and onshore Emergency Response for teams located in Windhoek and Luderitz, Namibia.

This emergency procedure includes the main onshore /offshore emergency response plan relating to the most credible emergency situations that may happen in oil-related exploration and production activities onshore and offshore.

This emergency procedure plan describes the basic structure of specific emergency response (ER) and arrangements with external contractors and specialized services for emergency cover.

1.1.2. Purpose

The purpose of this procedure is to establish guidelines and procedures in order to manage unplanned Emergency Response situations during the offshore drilling and onshore operations in several areas of Namibia.

This procedure ensures the effectiveness of the Onshore Emergency Response Organization in the event of an unplanned situation with the mobilization of the Emergency Response Team (ERT), supported by its executive management counterpart the Incident Management Team (IMT) of HRT in Namibia, Houston, Rio de Janeiro, and London if necessary.

This emergency response plan is applicable for all cases of “transitional situations” such as road traffic accidents, emergencies, accidents in the warehouse or logistics base, or personnel accidents in any other cities in Namibia. Other documents are referenced by this Emergency Response procedure which includes bridging documents associated with the Namibian Authorities, and where necessary the intervention of an “external specialist contractor”.

1.1.3. Application

All HRT Assets and Operations offshore or onshore in Namibia are covered by this Plan. The following plan outlines the responsibilities of

- HRT África Petróleo S.A-Namibia (HRT operational arm based in Namibia and hereafter referred to as HRT)
- Transocean Marianas Rig manned by HRT personnel , Transocean personnel and Provider of services companies personnel
- HRT personnel, Transocean personnel and Provider of services companies’ personnel based onshore in Windhoek, Luderitz and Walvis Bay.
-

1.1.4 Case of the Transocean rig Marianas

The procedures to follow are dealing with any emergency occurring both onshore / offshore in Namibia but in case of an emergency on the Rig Marianas or within the 500 meter zone around the rig, the arrangements are detailed in the Transocean Marianas documentation:

A. EMERGENCY MANAGEMENT PROCEDURES MANUAL

Manual Number: HQS-HSE-PR-01
 Issue Number: 01
 Revision Number: 00
 Revision Date: October 31, 2007

B. TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL

Manual Number MAR-HSE-PR-001
 Issue Number: 03
 Revision Number: 08
 Revision date: November 15, 2008

C. TRANSOCEAN MARIANAS SHIPBOARD OIL POLLUTION EMERGENCY PLAN

Manual Number MAR-PEP-001
 Issue Number: 04
 Revision Number: 00
 Effective Date: June 01st, 2011

2. Onshore Emergency Response Center (OERC)

A joint (HRT/Transocean) Onshore Emergency Response Center (**OERC**) has been established at the HRT office in Windhoek Namibia: 5th Floor Mutual Platz building, Post street Windhoek, Namibia

3. Members of the Onshore Emergency Response Center Team (OERCT) and duties

3.1. Windhoek

The Members of the Onshore Emergency Response Center Team (OERCT) based in Windhoek are

3.1.1. Drilling Superintendent /Incident Commander

The Drilling Superintendent has the responsibility to ensure implementation of safety support and systems before commencement and during the life of the project in Namibia. In case of any emergency, the drilling Superintendent becomes the **Incident Commander (IC)** which is the highest authority which makes decision during the emergency in Namibia. He is based in HRT office, 5th Floor, Mutual Platz office post street Windhoek, Namibia.

Office +264 (0) 61231981
 Mobile +264 811 424 086
 E-mail HRTDrillSupt@senergyworld.com
 He reports ASAP to the Project Manager based in Houston.

3.1.2 All HRT Personnel based in Windhoek

It is the responsibility of all HRT/Senergy personnel to implement this procedure in the day to day activities, either onshore or offshore at Luderitz, Windhoek.

3.2. Luderitz

The Members of the Emergency Response center Team (OERCT) based in Luderitz are

HRT Base Logistic Manager
 Phone +264 (0) 63 202 710
 Mobile + 264 (0) 811 424 093
 E-mail hrtLogSupv@senergyworld.com



HRT QHSE Advisor
 Phone +264 (0) 63 202 830
 Mobile +264 (0) 811 464 759
 E-mail hrtqhse@senergyworld.com

The place of standing in case of emergency is the conference room at HRT offices in Luderitz at Waterfront Office – Block H, Waterfront Development, Hafen Street, Luderitz, Namibia. The telephone number of the conference room is 264 63 202 403

3.3. Project Manager:

The Project Manager has the responsibility to ensure implementation of safety support and systems before commencement and during the life of the project. He is based in Houston Texas in the office of HRT America 1254 Enclave Parkway, Houston, TX 77077, USA.

Phone +1-281-501-5621
 Mobile + 1-281-513-4524

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E-mail Don.Irvine@senergyworld.com

4. Responsibilities of POB

The provision of POB information is provided by HRT Aviation Officer

5. Available documentation mandatory in ERC Windhoek, HRT office Rig Marianas and HRT office in Luderitz

5.1. Key document

The key document in the ERC is this document Emergency response procedure **HRT001L-WE-HSE-006**

5.2. Health / Medevac

All Health / Medevac onshore case for HRT personnel, Transocean personnel and Provider of services companies' personnel based onshore in Windhoek, Luderitz and Walvis Bay are fully described in:

- HRT001L-WE-HSE-014- MERP - WINDHOEK
- HRT001L-WE-HSE-015- MERP - LUDERITZ (*)
- HRT001L-WE-HSE-016- MERP - WALVIS BAY

Notes:

- 1) At this moment the Luderitz MERP does not consider the HRT clinic and HRT Ambulance in Luderitz. When they will be available we will receive from ISOS an upgraded version of the MERP for Luderitz (HRT001L-WE-HSE-015).
- 2) A copy of the Medical Emergency Response Plan provided by Isos to the TOE Rig Marianas must be present in the ERC.

Document to be provided by Transocean ASAP

5.3. Blow out Contingency Plan

The response to a blow out is described in detail in the document of Boots and Coots

- HRT Africa Petróleo S.A.(PEL 22/23/24)Blowout Contingency Plan: Doc HRT001L-WE-HSE-013

5.4. Oil spill Contingency Plan

The response to an oil spill is described in detail in the Oil Spill Contingency Plan (OSCP).

- PEL 22: Doc - HRT001L-WE-HSE-010.
- PEL 23: Doc - HRT001L-WE-HSE-011.
- PEL 24: Doc - HRT001L-WE-HSE-012.

5.5. Emergency directory

The emergency is the contact list of all HRT, Transocean, Providers of service which are involved in an Emergency

5.6. Rig Marianas Transocean documentation

A. EMERGENCY MANAGEMENT PROCEDURES MANUAL

Manual Number: HQS-HSE-PR-01

Issue Number: 01

Revision Number: 00

Revision Date: October 31, 2007

B. TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL

Manual Number MAR-HSE-PR-001

Issue Number: 03

Revision Number: 08

Revision date: November 15, 2008

C. TRANSOCEAN MARIANAS SHIPBOARD OIL POLLUTION EMERGENCY PLAN

Manual Number MAR-PEP-001

Issue Number: 04
 Revision Number: 00
 Effective Date: June 01st, 2011

Some others documentations from the rig are present in the ERC for support any specific point.

D. Key document Marianas Operating Manual

REVISION LOG

Rev. No.	Date	Reason	Section/Page
0	July 1999	General revision of entire manual – new drawings, figures, data, etc. – to reflect rig conversion into a drilling unit, stability upgrades, and other modifications.	All
1	September 1999	Revisions per ABS letter of August 18, 1999.	Pages v, vi, vii, 2-2, 2-3, 2-9, 9-10, 9-11, 9-12, 9-13, 9-14
2	December 1999	Revision concerning maximum water depth.	Page 1-1
3	June 2004	Complete update.	All

E. PERFORMANCE AND OPERATIONS POLICIES AND PROCEDURES

Manual Number: HQS-OPS-PP-01
 Issue Number: 02
 Revision Number: 00
 Revision Date: December 16, 2011

F. MAINTENANCE PROCEDURES

Manual Number: HQS-OPS-PR-01
 Issue Number: 03
 Revision Number: 00
 Revision Date: OCTOBER 1, 2009

G. HEALTH, SAFETY & ENVIRONMENTAL HANDBOOK

Manual Number: HQS-HSE-HB-04
 Issue Number: 01
 Revision Number: 00
 Revision Date: July 1, 2011

H. HEALTH AND SAFETY POLICIES AND REQUIREMENTS

Manual Number: HQS-HSE-PP-01
 Issue Number: 04
 Revision Number: 01
 Revision Date: May 4, 2012

5.7. Project Management Handbook

This document resumes all the situations in the project

5.8. Material Safety Data Sheets (MSDS) of chemical/ products used in the project

All services providers or providers must furnish the last versions of the MSDS for the ERC.

6. Description of HRT project in Namibia

HRT África Petróleo S.A. Limited (“HRT África”) is conducting an offshore exploration drilling program in Namibia the campaign is estimated to last circa 280 days. The planned logistics / operational base will be Luderitz in Southern Namibia, with potential support if required from Walvis Bay. Supply vessels will always travel from / to the Luderitz base. Helicopter bases will be set up in both:

a) Luderitz, to cover operations on PEL 22, PEL 24 and PEL 28.

- ✓ PEL 22 consists of Blocks 2815, 2915 and 2816.
- ✓ PEL 24 consists of Blocks 2713B and 2713A.
- ✓ PEL 28 consists of Blocks 2813A, 2814B and 2914A.

b) Walvis Bay to cover operations on PEL 23.

- ✓ PEL 23 consists of Blocks 2112B and 2212A.

c) The drilling sequence will be:

- 1) PEL 23 – Wingat.
- 2) PEL 23 – Murombe.
- 3) PEL 24 – Moosehead.
- 4) PEL 22 – Meerkat.

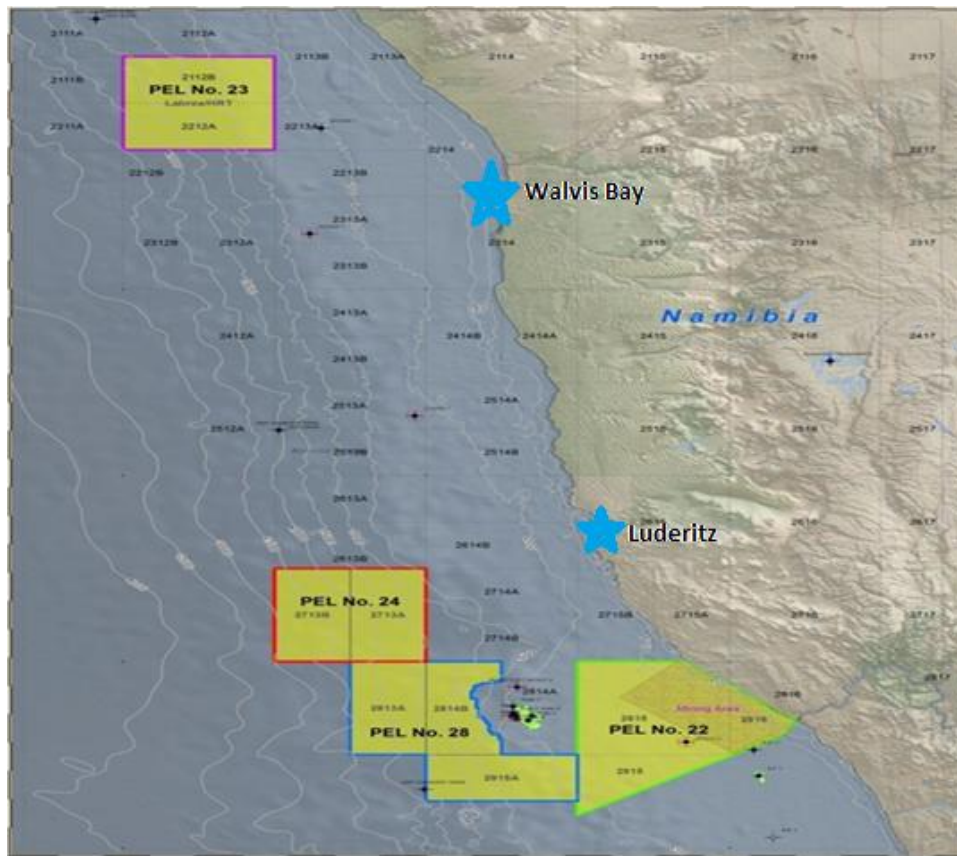


Figure 01 Maps of the PEL blocks offshore

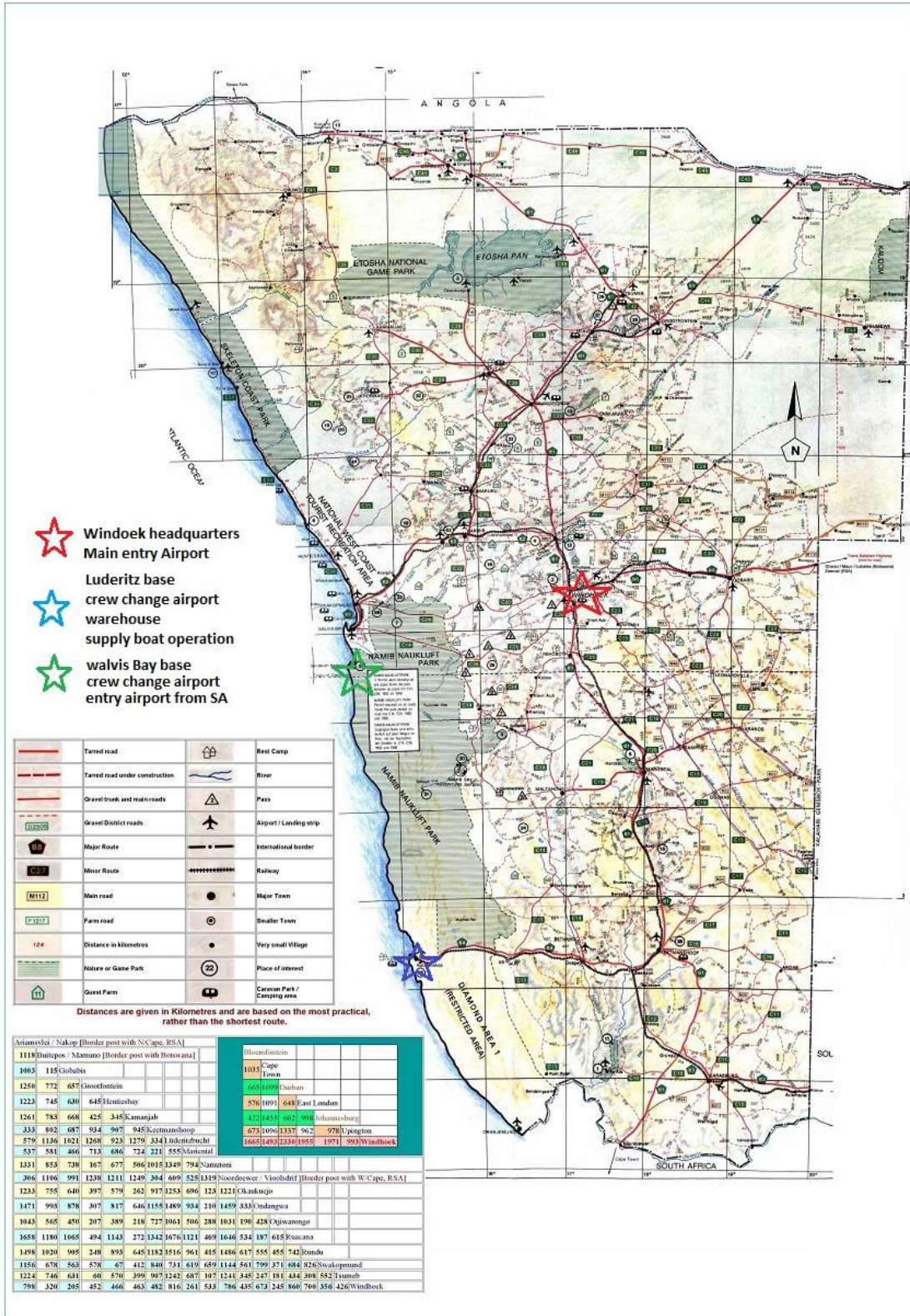


Figure 02: Map of Namibia with the position of the operations cities

7. Policy Statement

Timely and effective management of emergencies reduces the impact to people, the environment, assets, business results and reputation, and helps prevent reoccurrence.

The key to effective response to emergencies is having a pre-established organization that is on call and capable of mobilizing and responding to the extent required by the different levels and types of emergencies. The response center is staffed with competent individuals, organized into teams, with allocated and defined roles, and practiced in those roles.

Emergency response is required for each HRT activity. The formality, composition and organization of the teams will be dependent on the tasks and operations being undertaken and the risks they pose. The emergency organization for each activity will reflect the functions required for normal day-to-day tasks or operations. This document outlines responsibilities and actions to be followed by the parties involved in the management of an emergency.

This ERP Main document covers the following eventualities:

- Incidents on the drilling rig.
- Marine incidents involving vessels directly involved in support of the drilling rig e.g. supply vessels, standby vessels, anchor handling vessels etc.
- Incidents relating to helicopter activities.
- Medical Emergency onshore Namibia at Windhoek Luderitz or Walvis Bay.
- Incidents in the quayside, warehouse or base in Luderitz.
- Medical Emergencies offshore Namibia under the Transocean Rig Marianas MERP **Document to be provided by Transocean ASAP**

8. Elements of the Emergency Response in the HRT project

8.1. Offshore Emergency Response Team (OERT)

The Offshore Emergency Response Team Roles & Procedures will be in accordance with Transocean's Emergency Response manual. (Manual Number: HQS-HSE-PR-01, Issue: 01, Revision: 00, Revision Date: October 31, 2007). Emergencies outside the rig's 500 meter exclusion zone will be managed by the HRT-ERCT.

8.2. Offshore Installation Manager (OIM) / On Scene Commander (OSC)

The Offshore Installation Manager (**OIM**) will take primacy in response to an emergency at the offshore installation. He could be present "On Scene" or in the advanced command post on the rig and leading all the emergency response system on the asset /operation during the emergency. When he requests the support of the onshore emergency response organization, he does so as "On Scene Commander" (**OSC**).



8.3. Onshore Emergency Response Center Team (OERCT)

A. the **OERC** is manned with a group of person called the Onshore Emergency Response Center Team (**OERCT**). The **OERCT** will be a joint HRT/Transocean/ Team comprising:

- I. HRT Drilling Superintendent or designate (based in Windhoek) it is the Incident Commander
- II. HRT Logistics Manager based in Luderitz
- III. HRT QHSE based in Luderitz
- IV. Transocean Rig Manager or designate based in Windhoek
- V. Transocean QHSE based in Luanda Angola
- VI. Other specialized HRT members for specific tasks or problems

8.4. Starlite Helicopters Incident Management Team

Starlite will take primacy in the event of an aviation incident outside of the Transocean Marianas 500 meters exclusion zone. Bay Air /Starlite will conduct ER operations in accordance with the location specific ERP.

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8.5. Supply Vessels Emergency Response

The crew is under the command of the Master / Captain which will apply the specific vessel Emergency Response Plan.

8.6. HRT Base at Luderitz.

The HRT base is comprised of various installations in the city and in the port /quayside. The HRT Logistic Supervisor is the “On Scene Commander” in case of an emergency in the HRT installations. Incidents shall be reported using the Emergency phone number in Luderitz is 081 146 4759 the Alternate number is 081 142 4093.

8.7. Incident in Windhoek

The HRT group is composed by various members living in the city. The HRT Drilling Superintendent is the “On Scene Commander” in case of an emergency in the city. Incidents shall be reported using the Emergency phone number 081 142 4086; the Alternate number is 081 146 4759.

8.8. Incidents in others cities or on the road

All other Incidents will be controlled through Windhoek using the Emergency phone number 081 142 4086 the Alternate number is 081 146 4759. You wait for instructions.

8.9. HRT Incident Management Team (HRT-IMT)

The HRT Incident Management Team’s (HRT-IMT) is composed of HRT Personnel from Houston and Rio de Janeiro. The main functions are to:

- Provide technical, financial, legal and HS&E support to the ERCT
- Co-ordinate and manage media response when required
- Provide support to the ERT and assist with relatives response as required
- Liaise with insurers and brokers
- Provide financial authority for Emergency Response
- Review and address the strategic implications arising from any Emergency
- Liaise with shareholders, insurers and partners
- Protect the reputation of HRT.

Note: It is not the role of the HRT-IMT to manage the emergency response or replicate the work of the ERCT but to provide the necessary support. The IMT may call on any HRT/ personnel to assist in the support of the emergency.

9. Roles

9.1. Offshore Emergency Response Team (OERT)

The rig based Emergency Response Team will face the Emergency on Board. They will be the first responder. The OIM is the On Scene Commander. If he needs any support and help from Shore, they will contact the ERCT.

9.2. Onshore Emergency Response Center (OERC)

A main Onshore Emergency Response Center (OERC) is established at the HRT Namibia Office, 5th Floor Mutual Platz Building, Post Street, Windhoek, Namibia.

The OERC phone number will be the primary direct link between the OIM and the HRT Drilling Superintendent or designate during the entire emergency



ERC phone number: **TBA**

ERC Fax No + **264 61 221 966**

SAT phone +**TBA**

The OERC is manned with a group of person called the Onshore Emergency Response Center Team (**OERCT**). It’s a joint HRT/Transocean Team composed by:

- HRT Drilling Superintendent or designate (based in Windhoek) is the Incident Commander

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- HRT Logistics Manager based in Luderitz.
- HRT QHSE based in Luderitz.
- Transocean Rig Manager or designate based in Windhoek.
- Transocean QHSE based in Luanda Angola.
- Other specialized HRT or Third party members for specific problems.

The HRT Drilling Superintendent acts as Incident Commander (IC) of the ERC T and the Transocean Rig Manager shall conduct the role of Duty Officer (DO).

10. Procedures

10.1. Initial Reporting of an Incident Offshore

Reporting shall be in accordance with Transocean Marianas ER Manual and in addition the HRT Senior Drilling Supervisor (**HRT-SDSV**) or designated alternate should first contact the Drilling Superintendent based in Windhoek.

He gives a brief summary of the incident which should include the following information:

- Nature of the Incident.
- Location of the incident.
- Number of casualties and if Medevac is required.
- Name of the person reporting the incident.
- Follow the procedures in the relevant section of this plan and keep the correct parties informed.

The **OERCT** based in the **OERC** in Windhoek will, if required be mobilized including designated support personnel from HRT and Transocean.

The **OERCT** will also be responsible for:

- Contacting Transocean head office in Luanda Angola.
- Contacting **HRT** Corporate headquarters Houston and Brazil if necessary.

10.2. Notification of an Emergency

In the event of an emergency:

- Transocean offshore OIM or his designate will notify the onshore Transocean Rig Manager.
- HRT Senior Drilling Supervisor will inform the HRT Drilling Superintendent in Windhoek in accordance with current company procedures.



The HRT Drilling Superintendent in consultation with the Transocean Rig Manager will assess the nature and extent of the emergency and determine the level of support required in conjunction with the **OERT**. Assuming full support is required the HRT Drilling Superintendent or Transocean Rig Manager will activate the Onshore Emergency Response Center Team (**OERCT**). He also will if necessary initiate the call out system of the Transocean and HRT / Incident Management Teams (**HRT-IMT**).

10.3. Duties and responsibilities of nominated personnel

In general, the duties to be performed during an emergency response would be an extension of that person's normal job function and associated areas of responsibility. The chronology and sequence of events at the start of any emergency giving the timing for the call out and each level of mobilization of the members of ERCT to the ERC located at the HRT Head Office in Windhoek and Luderitz

10.4. Chronology Offshore in case of Emergency response activation

10.4.1. First Call from Offshore

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First call notifies HRT drilling superintendent about incidents, accidents, injuries and spill events from Rig. The Call must be confirmed by an Email or a fax from the same person which do the call.

10.4.2. Call to Rig Manager

Following the notification of incident by a call and this confirmation, the HRT drilling superintendent must contact the Rig manager. They must have a meeting to decide about the activation of the Emergency Response based onshore.

10.4.3. Mobilization of the permanent members of ERCT

When they receive the call **“CALL OUT your presence is necessary in the Emergency Response Room”** every permanent member must leave their normal activities and be present ASAP in the respective Onshore Emergency Response Center **(OERC)**. The Drilling superintendent or his designate will conduct the call out.

10.5. Chronology onshore in case of Emergency response activation

10.5.1. First call from onshore in Namibia

First call notifies HRT drilling superintendent about incidents, accidents, injuries and spill events from the local “On Scene Commander” **(OSC)** from any specific HRT asset / operation in Namibia

10.5.2. Mobilization of the permanent members of ERCT

When they receive the call **“CALL OUT your presence is necessary in the Emergency Response Room”** every permanent member must leave their normal activities and be present ASAP in the respective Onshore Emergency Response Center **(OERC)**.

11. Liaison with Outside Agencies

The Emergency Response Center Team will be responsible for the liaison with Outside Agencies including ISOS Medical Support, Hospitals, Helicopter Operators, Police and other agencies as required.

PART TWO: MEDICAL EMERGENCY

1. Medical Support Services in Namibia for HRT Project Personnel

All personnel working onshore & offshore in Namibia will be covered for all medical treatment, Medevac and trauma care through an HRT company subscription to ISOS in addition to Company specific medical / Medevac support arrangements.

Note:

1. The ISOS and insurance policy subscription / registration number must be quoted on initial contact by the HRT/ representative.
2. If service is called out other than by the above mechanism, all costs will be to the account of the organization making the call out.

2. Onshore Medical Emergency

2.1. Notification in Namibia

Notification of an illness / injury requiring treatment should in the first instance be communicated to: Drilling Superintendent on duty (first responder) or QHSE advisor on Duty (alternate responder)

Quality	First responder	Alternate responder
Title	HRT Onshore Drilling Superintendent	HRT QHSE Advisor
Office phone	+264 (0) 61231981	+264 (0) 63 202 830
Mobile phone	+264 81 124 086	+264 (0) 81 146 759
E-mail	hrtdrillsupt@senergyworld.com	hrtqhse@senergyworld.com

The arrangements with ISOS are clearly defined in the following documents called MERP (Medical Evacuation Response Plan)

- HRT001L-WE-HSE-014- MERP - WINDHOEK
- HRT001L-WE-HSE-015- MERP - LUDERITZ
- HRT001L-WE-HSE-016- MERP - WALVIS BAY

3. ISOS contact

All correspondence regarding emergency medical requirements must be coordinated through the ISOS centre in Johannesburg.

4. Offshore Medical Emergency

All the personnel working offshore on the rig Marianas are covered by the Transocean Rig Marianas **MERP** (Medical Evacuation Response Plan). **Document to be provided by Transocean ASAP.**

5. Role of the HRT team onshore and offshore.

5.1. Definitions

5.1.1. The “patient handover point” Definition



As per ISOS definition in all the MERP’s, the “**patient handover point**” is a pre-identified location from where the patient will be entrusted to International SOS, for future care, treatment and case-monitoring. This pre-identified location is mutually agreed upon by the Client and International SOS, prior to MERP mobilization.

5.1.2. HRT duties for onshore case

The HRT team ensure that any personnel working onshore in Namibia is handed over as soon as possible to ISOS following the rules of the “patient handover point” (ISOS definition). All the case are considered by the 3 MERP’s

5.1.3. HRT duties for offshore case

HRT team is **ONLY** in charge to organize the Air transportation between Rig and Shore. HRT will use a Starlite Bell 412 helicopter transformed into an Air Ambulance with an ALS Paramedic on board to pass the patient

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from offshore to onshore to the Patient Handover point. The patient will be delivered at **the Handover point** to ISOS following the specific instructions of the Rig Marianas MERP.

Note: HRT will coordinate between TOI Marianas and Starlite.

5.2. HRT Senior Drilling Supervisor (HRT-SDSV) on Rig Marianas.

- Liaise with OIM and ensure appropriate support is provided consistent with the advice from onboard doctor.
- Inform the Drilling Superintendent and/or the “HRT Africa President” in Windhoek, Namibia,
- Ensure that all external communications about case are logged
- Ensure that all necessary reporting requirements have been complied with including personal details and nature of injuries / sickness and medication given
- Complete all necessary incident reports / documentation

5.3. HRT Drilling Superintendent

If a Medevac is required by the OIM of TOI Rig Marianas, he will

- Notify Helicopter provider Starlite
- Inform ETA of Chopper Ambulance to the Rig
- Notify Project Manager based in Houston
- Remain on call and liaise with HRT-SDSV during the emergency
- Contact relevant HRT contractors at ER contacts.
- Support at any moment with all necessary personnel the ongoing Medevac

6. Airports

6.1. Luderitz Airport (IATA: LUD, ICAO: FYLZ)

The Luderitz Airport is an airport serving Luderitz. The airport is about 9 km (6 mi) southeast of the center of Luderitz, on the B4 road. Luderitz Airport is contemplated for a part of the project (Southern Blocks) like:

- Airport for crew change onshore to offshore and vice versa
- Key airport for ambulance flight in case of Medevac from TOI Rig Marianas or from Shore in the HRT base /port. Medevac case operations are now 24/7/365 (see annexes A-B)

6.2. Walvis Bay Airport (IATA: WVB, ICAO: FYWB)

The Walvis Bay Airport is an airport serving Walvis Bay. The airport is about 15 km (9 mi) east of the town. Walvis Bay airport is contemplated for a part of the project (Northern Block) like:

- Airport for crew change onshore to offshore and vice versa
- Key airport for ambulance flight in case of Medevac from TOE Rig Marianas operations are now 24/7/365 (see annexes A-B)

-

6.3. Windhoek Airport Eros (IATA: ERS, ICAO: FYWE)

Eros Airport or Windhoek Eros Airport is an airport serving Windhoek. Key airport for ambulance flight in case of Medevac from TOI Rig Marianas operations are now 24/7/365 (see annexes A-B)

7. Equipments and timing available for Medevac

From	To	Airplane	Distances	Times
Windhoek Eros	Luderitz	Beech craft - King Air E 90 Medevac	246 M	75 minute flight time Allow 45/60 min. for special clearances.
Luderitz	Windhoek Eros	Beech craft - King Air E 90 Medevac	246 M	80 minutes
Luderitz	Rig	Helicopter - Bell 412	135 M	60 minutes
Windhoek	Walvis bay	Beech craft - King Air E 90 Medevac	137 M	40 minute flight time. Allow 45/60 min. for special clearances
Walvis Bay	Windhoek	Beech craft - King Air E 90 Medevac	137 M	40 minutes
Walvis Bay	Rig	Helicopter - Bell 412	130 M	60 minutes

8. Medical Escort for the Flight from Rig to Shore

One ALS Paramedic is aboard the Helicopter flight and on a 24/7 immediate mobilization basis. In case of any medical problem or incident / accident this Paramedic will be aboard the Starlite helicopter air ambulance to support and care for the patient during the transit flight from offshore. Arriving on the tarmac of the airport the ASL paramedic shall handover the patient to the Paramedic of the ISOS Air Ambulance.

9. Responsibilities of International-SOS

HRT personnel in Namibia onshore are covered by 3 specific onshore Merps with 3 cities. Following each specific MERP (Windhoek /Luderitz /Walvis Bay) and at specific **“patient handover point”** ISOS have the responsibility to transport the patient to any medical facilities in Namibia or other country.

- Ensure ground transportation from any landing airport to appropriate medical facility
- Organize immediate medical attention at this appropriate medical facility.
- Organize onward evacuation if required.
- Keep authorized persons updated on the case.

- HRT001L-WE-HSE-014- MERP - WINDHOEK
- HRT001L-WE-HSE-015- MERP - LUDERITZ
- HRT001L-WE-HSE-016- MERP - WALVIS BAY
-
-

CITY	“Patient Handover Point”
Windhoek	City (any place)
Luderitz	Hospital Luderitz* / Tarmac Airport Luderitz
Walvis Bay	City (any place)

(*) At this moment the Luderitz MERP does not consider the HRT clinic and HRT Ambulance in Luderitz. When they will be available we will receive from ISOS an upgraded version of the MERP for Luderitz (HRT001L-WE-HSE-015).

CITY	“Patient Handover Point”
Windhoek	City (any place)
Luderitz	Tarmac Airport Luderitz
Walvis Bay	City (any place)

9.1. Covering of personnel onshore

HRT Personnel and Service Providers covered by HRT Membership.

- 1) HRT and HRT third party personnel working onshore in Luderitz and Windhoek
- 2) Bay Air and Starlite Air personnel based in Walvis Bay and Luderitz

9.2. Lists of Companies Working Offshore (Covered by MERP TOE Rig Marianas)

- All HRT and third party personnel working on the rig and any visitor on the rig.

10. Activation of ISOS

This contract is defined as:

Client Name: Petróleo S.A-Namibia.

Membership number: **33APAA080110**

- Drilling Superintendent or his designate shall activate the ISOS response (registered in ISOS contract and office)
- President HRT Africa Namibia – Martin Davis

10.1. Third party company Medevac

All third party companies must understand that the remote location of the project means that we cannot bridge the Transocean / HRT with each specific MERP of each third party company. ISOS is the sole entity that will decide the most appropriate Medical facility and place of handover. The handover of the patient will be done at the appropriate medical facility after examination by the ISOS doctor. The Isos Doctor will inform the third party company representative on patient treatment.

11. Evacuation Staging

11.1. Onshore case

HRT have 3 specific Merps with 3 cities.

CITY	“Patient Handover Point”
Windhoek	City (any place)
Luderitz	Hospital Luderitz* / Tarmac Airport Luderitz
Walvis Bay	City (any place)

(*) At this moment the Luderitz MERP does not consider the HRT clinic and HRT Ambulance in Luderitz. When they will be available we will receive from ISOS an upgraded version of the MERP for Luderitz (HRT001L-WE-HSE-015).

a. Who to alert

1st responder – ISOS International Johannesburg



- + 27 11 541 1300
- Sat number + 881 631 419 330
- Fax + 27 86 529 0777
- 1jhbops@internationalsos.com

2nd responder - ISOS International London

- + 44 20 8762 8008
- Fax + 44 20 8748 7744
- 1lonops@internationalsos.com

b. Information’s to be provided during the initial call

- Give the HRT Contract number HRT Petroleum Africa membership **33APAA080110**
- Your name and position
- From where you are calling (ERC HRT Windhoek)
- Give ERC phone number & your MOBILE phone number
- Name of the patient
- Company of the patient
- Nationality and residence of the patient

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- Comprehensive description of the medical problem. For this point use medical report form appendix 1 and fax or mail for ISOS

Important

- Take note on all details
- Asks for your responder name and the number of your case in the ISOS system

11.2. Offshore case

The case is described in the Document “Manual Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 03, point 5: Guidelines”

“The following step-by-step guidelines are provided in the event of a medical emergency requiring evacuation:

- The Medic will inform the OIM that a medical evacuation is necessary.
- The OIM will inform the HRT senior drilling supervisor in order to make appropriate transportation arrangements.
- The OIM will also contact the Rig Manager to inform of the situation. If the Rig Manager is not available, the OIM shall contact the Assistant Rig Manager or Operations Manager Performance, whoever has delegated authority.”

Note: TOI Transocean have a **specific Merps** covering all personnel on board with ISOS but it is the HRT responsibility to organize the transportation from offshore to onshore using a Starlite Helicopter with and ASL Paramedic on board.

11.2.1. Step one: “rig to Handover patient rig onshore”

If evacuation is recommended the patient should be transferred by Starlite air ambulance helicopter from the TOI Rig Marianas to Luderitz or Walvis Bay at the handover point. At this handover point, the patient is passed to ISOS fixed wing air ambulance paramedic.

11.2.2. Step two: “from Luderitz airport, Walvis Bay airport to City with suitable medical facilities”

The patient will be transferred from Helicopter to Air Ambulance designated by ISOS for immediate take off from Luderitz, Walvis Bay to Airport with adequate medical facilities.

11.2.3. Step three: “arrivals at airport with suitable medical facilities.”

ISOS international representative in the city must be present and coordinate the land transportation by ambulance with a Paramedic or a MD from airport to adequate medical facilities.

11.2.4. Step four: “medical treatments in suitable medical facilities.”

At this stage ISOS Responder in Johannesburg provides the following to the authorized person of HRT.

- Name of the medical facilities where the patient is interned.
- Name of treating doctor and contact phone.
- Case number and room number in the medical facilities.
- End of the Medevac. At this stage the patient is stable and treated in an suitable medical facility.

11.2.5. Follow up

The representative of the employer will take care of the patient and decide with the ISOS medical doctor about the follow up for treatment and repatriation to the original point of the patient. The representative of the employer is also charged with informing the patient’s next of kin.

PART THREE: DRILLING EMERGENCY PROCEDURES

1. Organisation and chain of communications.

- In the event of an emergency at the rig site the OIM will instruct the BCO (or alternate)to contact the HRT Drilling Superintendent and Transocean Rig Manager
- HRT Drilling Superintendent and Transocean Rig Manager will then contact the members of the Emergency Response Team who will then make their way to the Onshore Emergency Response Center located **(OERC)** at HRT Offices, 5th Floor Mutual Platz Windhoek Namibia
- The incident commander is the Drilling Superintendent on duty supported by the team in Luderitz at Waterfront Office – Block H, Waterfront Development, Hafen Street, Luderitz
- The President of HRT Africa of Namibian operation is based at HRT Offices, 5th Floor Mutual Platz Windhoek Namibia , Office Landline Phone is +264 (0) 61231981 and Mobile phone is + 264 (0) 81 1464754.
- The Onshore Emergency Response Center Team **(OERCT)** will supervise all operations, liaise and co-ordinate with all involved parties and mobilize any additional assistance that may be required to deal with the emergency.

Note: In an emergency, leakage of information may prove to be damaging to the Company and with its relationships with Local Authorities and other third parties. It is therefore, essential that all releases to the press and other third parties are prohibited for all HRT members of the Onshore Emergency Response Center Team **(OERCT)**.

2. Documentation

Emergencies on the rig and within the 500 meters exclusion zone will be managed in accordance with the Transocean Marianas's ER Manuals.

1. EMERGENCY MANAGEMENT PROCEDURES MANUAL

Manual Number: HQS-HSE-PR-01

Issue Number: 01

Revision Number: 00

Revision Date: October 31, 2007

2. TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL

Manual Number MAR-HSE-PR-001

Issue Number: 03

Revision Number: 08

Revision date: November 15, 2008

3. TRANSOCEAN MARIANAS SHIPBOARD OIL POLLUTION EMERGENCY PLAN

Manual Number MAR-PEP-001

Issue Number: 04

Revision Number: 00

Effective Date: June 01st, 2011

4. Blow out Contingency Plan

The response to a blow out is described in detail in the document of Boots and Coats:

HRT Africa Petróleo S.A. (PEL 22/23/24) Blowout Contingency Plan: Doc HRT001L-WE-HSE-013

5. Oil spill Contingency Plan

The response to an oil spill is described in detail in the Oil Spill Contingency Plan (OSCP):

PEL 22: Doc - HRT001L-WE-HSE-010.

PEL 23: Doc - HRT001L-WE-HSE-011.

PEL 24: Doc - HRT001L-WE-HSE-012.

3. Responsibilities and Duties

This section outlines the interface between onshore and offshore organization, responsibilities and responses to the main emergencies:

3.1. Fire and explosion

3.1.1. Rig Team Actions

The case is described in the TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL “Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 11”

3.1.2. Role of HRT Team on the rig

HRT Senior Drilling Supervisor

- Assist OIM in duties as necessary.
- Give notifications as required to HRT Drilling Superintendent.
- Request further assistance as necessary.

3.1.3 Role of HRT Team onshore

HRT Drilling Superintendent

- Co-ordinate all onshore back-up activities in conjunction with Transocean Rig Manager and ERCT.
- Inform HRT Project manager in Houston.

3.2. Man Overboard

3.2.1. Rig Team Actions

The case is described in the Document TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL “Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 05”

3.2.2. Role of HRT Team on the rig

HRT Senior Drilling Supervisor

- Liaise with OIM.
- Keep HRT Drilling Superintendent informed

3.2.3 Role of HRT Team onshore

HRT Drilling Superintendent

- Remain on call during the emergency.
- Coordinate all onshore back-up activities.
- Stand-down emergency services at the cessation of the incident.

3.3. Well Control Emergencies

3.3.1. Overview

A well control incident may develop through three stages to an ultimate stage where regaining control is beyond the capabilities of the rig site personnel.

Level 1: Excessive shut-in casing pressure but with full control through the BOP. Controls remains with TOI

Level 2: Well cannot be controlled within the certified pressure rating of available equipment. Controls remains with TOI

Level 3: Uncontrolled blowout - Control can no longer be regained due to equipment failure. The crew and rig are in immediate danger.

3.3.2. Rig Team actions

The OIM and the crew intent to control the well as described in the Document TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL “Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, section 07”

The HRT-SDSV follows the instructions described in the Document TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL “Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, section 07”

3.3.3 Role of HRT Team onshore

- All the time the HRT drilling superintendent is in call with the rig
- If the situation demands it the services of professional wild control the company Boots & Coots is the selected provider and their services may be requested by the HRT Drilling Supt or HRT Project Manager under the provisions of an established Master Service Agreement.
- The response to a blow out is described in detail in the document of Boots and Coots: HRT Africa Petróleo S.A. (PEL 22/23/24) Blowout Contingency Plan: Doc HRT001L-WE-HSE-013

3.4. Offshore Evacuation

3.4.1. Rig Team actions

This actions are described in the Document TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL “Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, section 10”

3.4.2. Role of HRT Team on the rig

HRT Senior Drilling Supervisor

- Liaise with and assist the OIM as required.
- Liaise with the HRT Drilling Superintendent.
- Notify the supply vessel.
- Notify HRT Drilling Superintendent and Transocean Rig Manager of the decision
- Ensure Radio Operator has sent out SOS broadcast

3.4.3. Role of HRT Team onshore.

All HRT Team ready for further action in ERCT

3.5. Oil Spill Response

3.5.1. Rig Team actions

The case is described in the Document “Transocean Marianas shipboard oil pollution emergency plan, Manual Number MAR-PEP-001, Issue Number: 04, Revision Number: 00, Effective Date: June 01st, 2011, Section03/04 & 05”

3.5.2. Role of HRT Team on the rig

HRT Senior Drilling Supervisor

He follows instructions and stay in contact with HRT drilling superintendent. The response to an oil spill is described in detail in the Oil Spill Contingency Plan (OSCP):

- PEL 22: Doc - HRT001L-WE-HSE-010.
- PEL 23: Doc - HRT001L-WE-HSE-011.
- PEL 24: Doc - HRT001L-WE-HSE-012.

3.5.3. Role of HRT Team onshore

HRT, as the license holder, has responsibility for oil spill response. Roles and Responsibilities are defined in the Oil Spill Contingency Plan (OSCP). The HRT Drilling Superintendent and the Transocean Rig Manager are the first points of contact for the OIM.

HRT Drilling Superintendent

The Drilling Superintendent will notify HRT of any requirement to call off support services from the provider **OSRL**. HRT will, upon notification, assemble an appropriate team to manage the incident from the HRT ECR in head quarter of Windhoek in accordance with the provisions detailed in the project specific OSCP. The response to an oil spill is described in detail in the Oil Spill Contingency Plan (OSCP):

- PEL 22: Doc - HRT001L-WE-HSE-010.

PEL 23: Doc - HRT001L-WE-HSE-011.

PEL 24: Doc - HRT001L-WE-HSE-012.

3.6. Others emergencies contemplated in the TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008

3.6.1. Violation of Exclusion Zone by Unidentified Vessels

The exclusion zone will be policed by the Supply Vessel / Standby vessel on location.

3.6.2. Adverse / extreme / impending weather

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 06”

3.6.3. H₂S “Hydrogen Sulphide”

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 09”

3.6.4. Emergency disconnects procedure

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 12”

3.6.5. Uncontrolled drift/mooring failure and loss of control in-transit

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 13”

3.6.6. Damaged vessel/loss of stability, structural failure and collision with another vessel

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL I Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 14”

3.6.7. Helicopter crash

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 15”

3.6.8. Confined space rescue

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 16”

3.6.9. Sabotage /criminal acts / riots or war



The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 17”

3.6.10. Total power failure blackout recovery procedures

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 18”

3.6.11. Damage of radioactive source

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 19”

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3.6.12. Rescue from heights

The case is described in the Document “TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL Number MAR-HSE-PR-001, Issue Number: 03, Revision Number: 08, Revision date: November 15, 2008, Section 20”

4. Provision of Information

4.1. To Relatives

Transocean and HRT have Relative Response teams available as part of their Emergency Organizations. Depending upon the nature and scale of the emergency one or more of these teams may need to be mobilized.

4.2. Provision of Information to the Media

The HRT Incident Management Team (HRT-IMT) has primary responsibility for compiling information and issuing communications to the media. Other HRT team Members must maintain absolute confidentiality and silence about the events.

5. Emergency Response Exercise

Emergency response exercises will be conducted periodically in order to confirm the arrangements detailed in this document provide sufficient suitable information and guidance to be able to deal with an Emergency efficiently and also to ensure that all personnel are aware of individual roles and responsibilities. The exercises will include the testing of all communications between the Transocean Marianas and Emergency Response Rooms.

PART FOUR CASE ONSHORE

1. Procedure for Emergency Response to Road Traffic Accidents

In the event of a road traffic accident involving an HRT employee or direct contractor, it is important to obtain as much information as possible regarding the event. The HRT drilling superintendent will:

- a. Endeavour to make telephone or radio contact with the person involved in the accident, to confirm any details of injury or damage.
- b. Arrange that the HRT stand-by vehicle is dispatched to the scene of the accident as soon as possible. An HRT company representative must be quickly assigned and transported to the place of accident in case of problems with authorities.
- c. If the person(s) involved in the accident is/are injured the incident commander calls the ISOS Doctor. The ISOS doctor will decide about treatment, and where the injured person should be sent – either the medical center in Namibia or out of Namibia after stabilization.

The QHSE or representative should be called, and advised of the incident. That person should ensure the injured person have been properly attended to at the clinic, and obtain a medical report on the injured person; in case of ongoing or future problems it is necessary that the following reports be written to conclude a full HRT investigation:

- a. By the person involved in the accident, describing the circumstances of the accident including the exact location, the time and date of the accident.
- b. By the Transport Coordinator, describing the damage to the vehicle.
- c. By the QHSE describing the condition of the injured person, stating any absence from work of the injured person, and attaching a medical report from the ISOS Clinic.

The completed reports should be closed by the QHSE Advisor and forwarded in a timely manner to the Drilling Superintendent.

2. Procedure for Emergency Response to Accident inside of HRT Logistic base or HRT office

In the event of an incident/accident in the HRT logistic base or HRT headquarters to an employee or visitor it is important to obtain as much information as possible regarding the conditions and the details of the incident.



- A member of the HRT Team should be informed immediately. This person will evaluate the situation and take adequate measures.
- First Aid will only be given to the injured person by a certified First Aid trained person.
- If the person(s) involved in the accident is seriously injured, call the ISOS Doctor and advise that the person involved in the accident is seriously injured.
- The ISOS doctor will decide about treatment and onward transportation to either the medical center in Namibia or out of Namibia.

It is necessary the following reports be written:

- a. By the person involved in the accident, describing the circumstances of the accident including the exact location, the time and date of the accident.
- b. By the QHSE personnel in charge of investigation.

c. By the QHSE describing the condition of the injured person, stating any absence from work of the injured person, and attaching a medical report from ISOS Clinic.








The completed reports should be given to the QHSE Advisor and forwarded to the Drilling Superintendent in a timely manner.

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3. Procedures for Emergency Response to Helicopter Ditching

HRT gives supports and helps the crew. The management of any helicopter incident comes under the responsibility of the aviation provider. Incidents will be reported immediately through the helicopter operator to authorities who will inform the Namibia's Directorate of Civil Aviation (NDCA) and the Namibian search and rescue aviation dept. The Role of HRT will be to offer, and make available to, support and help during the emergency.

PART FIVE DIRECTORY OF KEY EMERGENCY CONTACTS

 <p>America 1254 Enclave Parkway, Houston, TX 77077, USA. States</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>function</th> <th>Email</th> <th>Mobile</th> </tr> </thead> <tbody> <tr> <td>Boyd Handley</td> <td>Operations Manager</td> <td>boyd.handley@hrtamerica.com</td> <td>001 713-826-0154</td> </tr> <tr> <td>Don Irvine</td> <td>Project Manager</td> <td>Don.Irvine@senergyworld.com</td> <td>001 281-513-4524</td> </tr> <tr> <td>Rick Mitchell</td> <td>Drilling Manager</td> <td>rick.mitchell@hrtamerica.com</td> <td>001 713-303-9998</td> </tr> </tbody> </table>	Name	function	Email	Mobile	Boyd Handley	Operations Manager	boyd.handley@hrtamerica.com	001 713-826-0154	Don Irvine	Project Manager	Don.Irvine@senergyworld.com	001 281-513-4524	Rick Mitchell	Drilling Manager	rick.mitchell@hrtamerica.com	001 713-303-9998				
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	<p>Bay Air Aviation Walvis Bay and Luderitz: First responder bay air 0811294319 (24h/7d) Frank Stein Commercial Manager Tel: ++26464204319 Fax:++26464204927 Cell: ++264(0)811294319 Email: bayair@rambler.ru / frank@baexec.com Skype: frank.stein3</p>																				
	<p>Koos Myburgh Senior Pilot koosm@starliteaviation.co.za 27 (0) 824599998</p>																				
	<p>1.281.931.8884 (24h/7d) 1.800.blowout (24h/7d) Boots & Coots International, Inc. 7908 Sam Houston Parkway West 5th Floor Houston, Texas 77339- USA.</p>																				



Tel: +44 (0)23 8033 1551
Fax: +44 (0)23 8033 1972
OSRL Southampton
SOUTHAMPTON
Lower William Street
Southampton SO14 5QE United Kingdom



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OIM	+441 224 525 101	OIM.MAR@deepwater.com
HOSPITAL	+441 224 525 103	Medic.MAR@deepwater.com
TOOLPUSHER	+441 224 525 107	SrToolpusher.MAR@deepwater.com
BARGE SUPV	+441 224 525 108	BargeSup.MAR@deepwater.com



NAME	JOB	EMAIL	Mobile
Wilton Hockaday	Asset Manager	wilton.hockaday@deepwater.com	264 (0) 814493525
Terry Friedrich	Rig Manager	terry.friedrich@deepwater.com	264 (0) 811243613
Naved Shah	Financial Controller	naved.shah@deepwater.com	264 (0) 811288334
Okechi Ugoji	Operations Eng	okechi.ugoji@deepwater.com	264 (0) 811480726
Dan Toader	Buyer / Logistic Supervisor	Dan.toader@deepwater.com	264 (0) 811480727
Natasha DosSantos	Hr / Administrator	natasha.dossantos@deepwater.com	264 (0) 811 471926

SUPPLY VESSEL

Name	IP. Phone	Sat. Phone	E-mail
Mærsk Traveller	870 773 180 642	870 763 747 799	Mbxtravell@maersk.com
Mærsk Shipper	870 773 180 120	870 763 453 215	080shipper@maersk.com
Siem Louisa	T: 47 21 54 25 65	Mob: 47 94 52 36 14	captain@louisa.siemoffshore.com

All numbers of persons involved in the project are available in the list contact documents

PART SIX APPENDIX

Table 1: Initial Information Sheet

INITIAL INFORMATION SHEET	
Emergency Site Name	
Location: Block & Coordinates	
Initial POB	
Nature of Incident	
Casualties	
Weather: Wind direction Wind speed Current direction Current speed Visibility Cloud level Wave height	
Time of Incident	
Time of Notification	
Name of Standby Vessel (or other vessels nearby)	
Helicopter Status	
Other Company's Involved	
Nearby Installations	

Table 2: Emergency Response Record

EMERGENCY RESPONSE RECORD	
Time:	
Contact made by:	
Contact made to:	
Description of incident:	
Action:	
Signed (Incident Manager):	

Table 3. Media Holding Statement

<u>HOLDING STATEMENT</u>	
Press Release No.:.....	
Date:	Time:
We can confirm than an incident occurred at Hrs on	
	(Installation Name)
Located	
	(Block Number & Country)
..... who is the operator of the facility is investigating the incident.	
	(Name of Operator)
Could you please call back in approximately 45 minutes when a further statement should be available.	
Press Room Contact No:.....	

Table 4. Initial Statement to HRT Personnel

Note: To be sent by informal electronic mail to all within the HRT/ offices, and to other HRT offices as appropriate

<p>NOTICE TO ALL STAFF</p> <p>All staff should be aware that an Incident has occurred at: </p> <p><u>(Use media statement for details)</u> Action is being taken by the appropriate Incident Management Team or teams.</p> <p>More information will be made available as it becomes available, but in the meantime, should any member of staff be approached for information by outside sources, they should direct these requests as follows:</p> <p>Enquires from relatives should be made on Tel no:</p> <p>Enquires from media should be made on Tel no:</p> <p>Incident Manager:.....Date:Time:.....</p>
--



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Table 5. Emergency Contact Information

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 <p>ISOS</p>	<p>First responder Johannesburg land line + 27 11 541 130 (24h/7d) Johannesburg Satellite + 881 631 419 330 Second responder London land line + 44 20 8762 8008 HRT Petroleum Africa membership 33APAA080110</p>																				
 <p>Bay Air Aviation dynamic safe reliable</p>	<p>Bay Air Aviation Walvis Bay and Luderitz: First responder bay air 0811294319 (24h/7d) Frank Stein Commercial Manager Tel: ++26464204319 Fax:++26464204927 Cell: ++264(0)811294319 Email: bayair@rambler.ru / frank@baexec.com Skype: frank.stein3</p>																				
 <p>STARLITE AVIATION GROUP</p>	<p>Koos Myburgh Senior Pilot koosm@starliteaviation.co.za 27 (0) 824599998</p>																				



1.281.931.8884 (24h/7d)
1.800.blowout (24h/7d)
Boots & Coots International, Inc.
7908 Sam Houston Parkway West 5th Floor
Houston, Texas 77339- USA.



Tel: +44 (0)23 8033 1551
Fax: +44 (0)23 8033 1972
OSRL Southampton
SOUTHAMPTON
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Transocean Rig MARIANAS

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RADIOROOM	+441 224 525 100	RadioOper.MAR@deepwater.com
OIM	+441 224 525 101	OIM.MAR@deepwater.com
HOSPITAL	+441 224 525 103	Medic.MAR@deepwater.com
TOOLPUSHER	+441 224 525 107	SrToolpusher.MAR@deepwater.com
BARGE SUPV	+441 224 525 108	BargeSup.MAR@deepwater.com

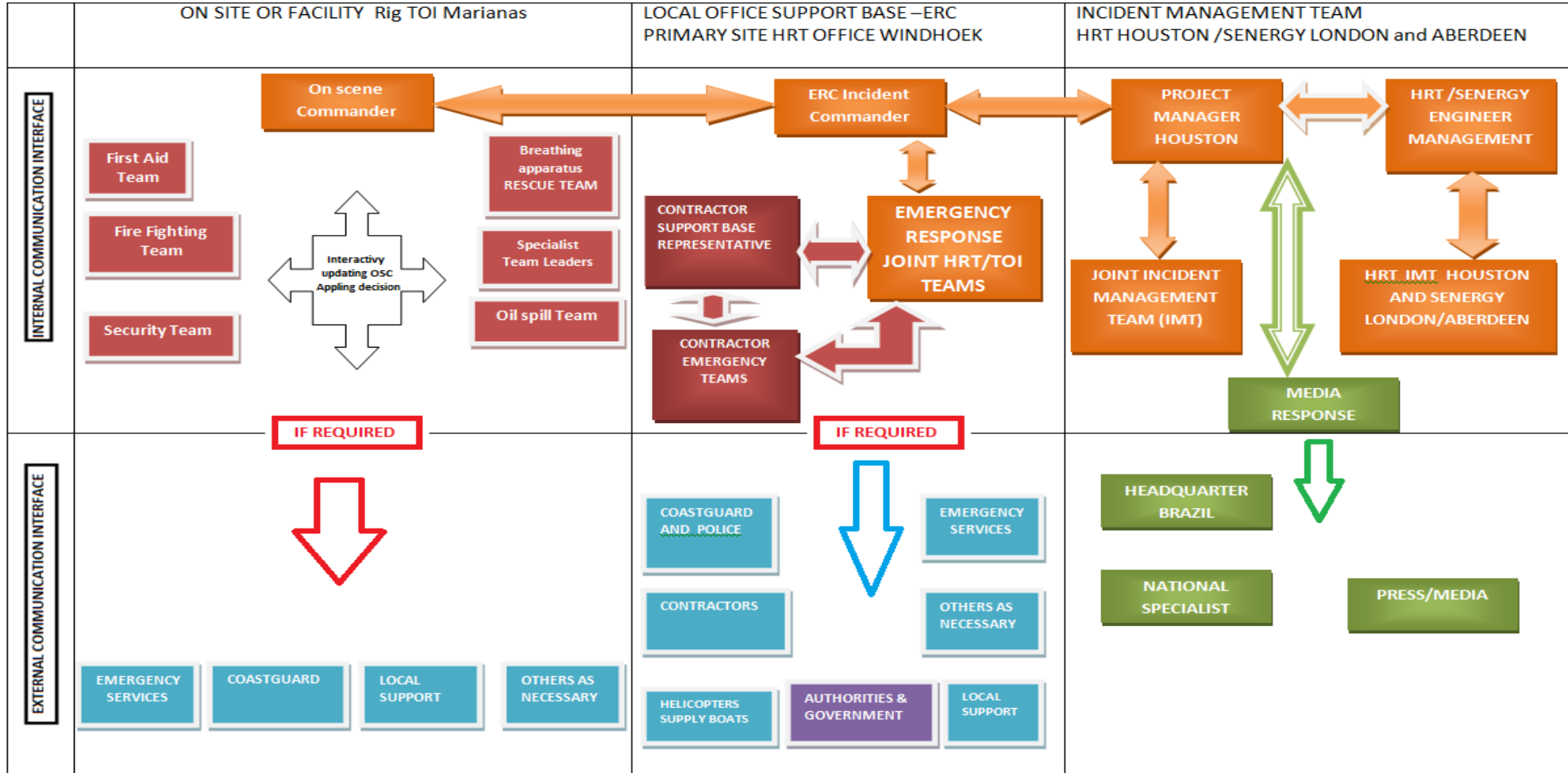
Transocean Onshore Team

NAME	JOB	EMAIL	Mobile
Wilton Hockaday	Asset Manager	wilton.hockaday@deepwater.com	264 (0) 814493525
Terry Friedrich	Rig Manager	terry.friedrich@deepwater.com	264 (0) 811243613
Naved Shah	Financial Controller	naved.shah@deepwater.com	264 (0) 811288334
Okechi Ugoji	Operations Eng	okechi.ugoji@deepwater.com	264 (0) 811480726
Dan Toader	Buyer / Logistic Supervisor	Dan.toader@deepwater.com	264 (0) 811480727
Natasha DosSantos	Hr / Administrator	natasha.dossantos@deepwater.com	264 (0) 811 471926

SUPPLY VESSEL

Name	IP. Phone	Sat. Phone	E-mail
Mærsk Traveller	870 773 180 642	870 763 747 799	Mbxtravell@maersk.com
Mærsk Shipper	870 773 180 120	870 763 453 215	080shipper@maersk.com
Siem Louisa	T: 47 21 54 25 65	Mob: 47 94 52 36 14	captain@louisa.siemoffshore.com

Table 6. Overall Emergency Response Arrangements for HRT NAMIBIA





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Table 7 HRT NAMIBIA

HRT Namibia Organization Chart

NAMIBIA OPERATIONS

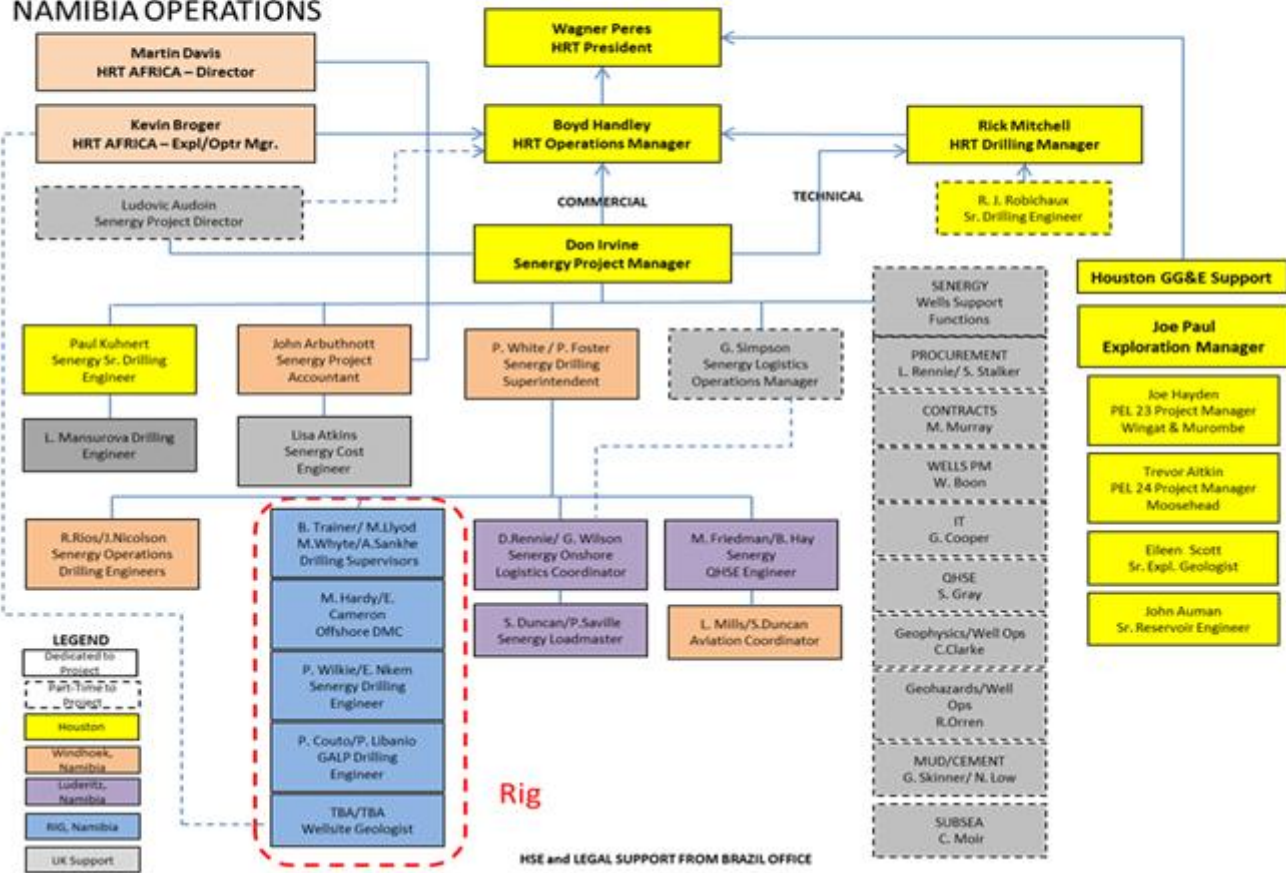
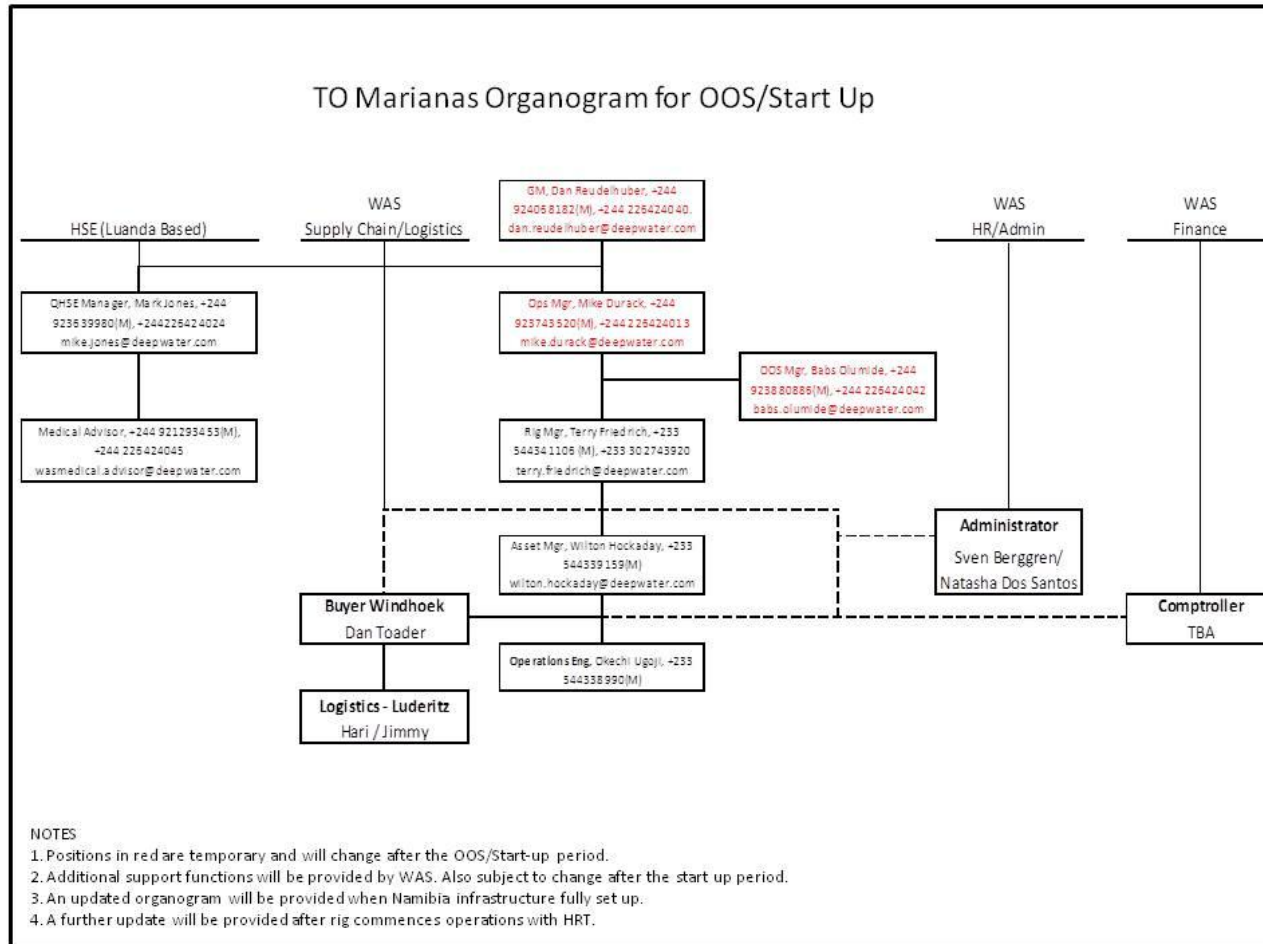



TABLE 8 MARIANAS ORGANIZATION



Annex 01: Rules of Namibian airports


 Tel: (81) 2081177 Fax: (81) 238884 Faksim: (81) 238884 AFTN: FYHD100X	REPUBLIC OF NAMIBIA DIRECTORATE OF CIVIL AVIATION	Director: Dull Ayobon Private Bag 12003 Aussenpost WINDHOEK
	AERONAUTICAL INFORMATION CIRCULAR	

OPERATION OF AIRCRAFT

GENERAL

PROCEDURE TO ADDRESS ADDITIONAL AIRPORT AND AER SERVICES OUTSIDE OF THE PUBLISHED HOURS OF OPERATION

- There are many cases where requests are made for additional services to be provided after published hours of operations i.e. ATC and Airport services.
- The following procedures have been formulated in order to address each request in the most expeditious manner:
 - Request for permanent changes to hours of operation:**
 - The applicant must apply in writing to the CEO of the Namibian Airports Company (NAC), who after consultation with the Director of Civil Aviation (DCA), will approve or reject the request. NAC will submit all relevant documentation to the DCA for publication. This procedure must be completed 60 days prior to the effective date of the change in hours of operation (to comply with ICAO AIRAC cycle).
 - Request for ad hoc extension to hours of operation:**
 - The applicant must apply in writing to the relevant airport manager of the Namibian Airports Company (NAC), who after consultation with the Chief Air Traffic Control Officer of his designate, will approve or reject the request.
 - The provision of ATC and associated Airport services after published hours of operation will be left to the discretion of the relevant service provider unless the aircraft is delayed beyond the control of the pilot in command or the operator. However, this will not negate the pilot in command or the operator from complying with any requirements as set down in the Air Navigation Regulations.
 - Request for special events, i.e. fly-in, airshows etc:**
 - The procedure as described in paragraph 2.1.1 must be adhered to.
 - Requests for assistance and emergency lights:**
 - The applicant will contact the duty air traffic controller for that specific airport who will provide the necessary air traffic services only.


 DIRECTOR CIVIL AVIATION

I hereby declare that this document is a true and correct copy of the original which was submitted to me and that I have not altered it in any manner.


 Signature

NAMIBIAN POLICE
 WINDHOEK
 AVSEC UNIT
 24 JUL 2012
 EROS AIRPORT

FYWE AD 2.3 OPERATIONAL HOURS

1.	<i>AD administration</i>	AD HO-Summer MON - FRI 0400 - 1900 SAT 0400 - 1800 SUN 0500 - 1800 (All times UTC) AD HO-Winter MON - FRI 0500 - 1900 SAT 0500 - 1800 SUN 0600 - 1800 (All times UTC)
2.	<i>Customs and immigration</i>	HOD as AD administration Telephone: +264 61 2092533 or +264 61 232268
3.	<i>Health and sanitation</i>	Nil facilities
4.	<i>AIS briefing office</i>	HOD as AD administration Tel: + 264 61 702080/1 Fax: +264 61 702087
5.	<i>ATS reporting office (ARO)</i>	HOD as AD administration
6.	<i>MET briefing office</i>	HOD as AD administration
7.	<i>ATS</i>	As per NOTAM
8.	<i>Fuelling</i>	Fuel HOD MON - FRI 0600 - 1100 and 1200 - 1600 SAT & SUN 0600 - 1000 and O/R
9.	<i>Landing</i>	Same as AD Administration
10.	<i>Security</i>	24 HRS
11.	<i>De-icing</i>	Nil
12.	<i>Remarks</i>	No aircraft to operate outside AD HOD except in an emergency or prior permission obtained(Refer AIC 40.1.1)

FYWE AD 2.4 HANDLING SERVICES AND FACILITIES

1.	<i>Cargo-handling facilities</i>	4 Ton
2.	<i>Fuel/oil types</i>	AVGAS;AVTUR AO 100 D100;ASO W100, 120
3.	<i>Fuelling facilities/capacity</i>	Bowser
4.	<i>De-icing facilities</i>	Nil facilities
5.	<i>Hangar space for visiting aircraft</i>	Nil
6.	<i>Repair facilities for visiting aircraft</i>	West Air/Aviation Centre Air Namibia Major aircraft and engine repairs
7.	<i>Remarks</i>	Fuel Supplier: 1. BP/Air Namibia Tel : +264 61 232900 Radio FREQ: 122.1 MHz

AIRAC A02/2011

DIRECORATE OF CIVIL AVIATION

I certify that this document is a true reproduction/ copy of the original which was examined by me and that from my observations, the original has not been altered in any manner.

03450

 Signature



Annex 02: Formal authorization to use Walvis Bay and Luderitz Airport on 24/7/ per 365

**NAMIBIA AIRPORTS COMPANY LIMITED
WALVIS BAY & REGIONAL AIRPORTS**

PO BOX 2307, WALVIS BAY, NAMIBIA
TEL +264 64 271110 FAX +264 64 200164
E-mail: TjihukununaD@airports.com.na



TO: Frank Stein
Bay Air (Director)

25 July 2012

Dear Sir,

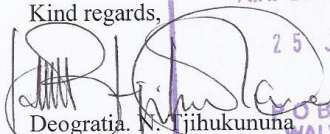
**APPROVAL FOR THE UTILIZATION OF RUNWAY LIGHTS FOR MEDICAL
EMERGENCIES AT WALVIS BAY AND LUDERITZ AIRPORT**


Reference is made to our discussions held on Monday, 16 July 2012, and the email dated the 19 July 2012, regarding the confirmation of approval for the utilization of runway lights for medical emergencies at Walvis Bay and Luderitz Airport.

It is understood that Bay Air Aviation has been supporting various drilling campaigns on the Namibian coastline; however permission will only be granted ones mining operations embark and proves submitted to my office that your company is part of that specific envisaged mining operation.

I hope that you will find above in order.

Kind regards,


Deo Gratia N. Tjihukununa
AIRPORT MANAGER: WALVIS BAY AND LUDERITZ



Directors: Ms. N.N Katonyala (Chairperson), Mr. M.C Boshoff, Ms. F. Aluteni and Ms. I. Mainga

Chief Executive Officer: Mr. Ben Biwa