BRIDGING DOCUMENT BETWEEN HRT AND TRANSOCEAN

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1.Introduction

The semi-submersible rig, "Transocean Marianas" has been contracted by HRT to drill wells offshore Namibia in Pel's Blocks. HRT has contracted SENERGY to Design and Project Manage HRT Namibia's Drilling Operation. This Bridging Statement covers the services provided by Transocean to HRT under the terms of the contract between the two parties signed (Provision of Mobile Drilling Rig) and defines the Safety Management Interface between Transocean and HRT for operations while the rig is drilling and testing exploration wells offshore Namibia.
This document has been prepared in order to fulfill the responsibilities of HRT and Transocean with respect to identifying and resolving any potential areas of conflict and defining and documenting responsibility for all health, safety and environmental management (HSE) aspects. A review of relevant documentation and Management Systems has been completed.

Transocean, in providing the Drilling Services, is recognized as being the key contractor on the rig. It is also acknowledged that a working interface with other key contractors and their sub-contractors play a vital role in ensuring all operations carried out on the rig are done so in a safe and efficient manner. Nothing in this document is intended to constrain the freedom of Transocean's OIM, to take whatever actions he may consider best to secure the safety of personnel and the vessel during an emergency. This document, based on Oil and Gas UK guidelines, details the key aspects of Management Responsibilities, Communications, Work Programming, Equipment Fitness and Monitoring, Audit and Review.

2. Management Responsibilities

Overall responsibilities for all activities in Namibia lies with HRT Project / Drilling Manager based at Houston - USA or his approved designate and the Project drilling superintendent based at Windhoek Namibia.

2.1. Organization Chart

A management organization chart for the Transocean shore base operation is shown in Figure 1.

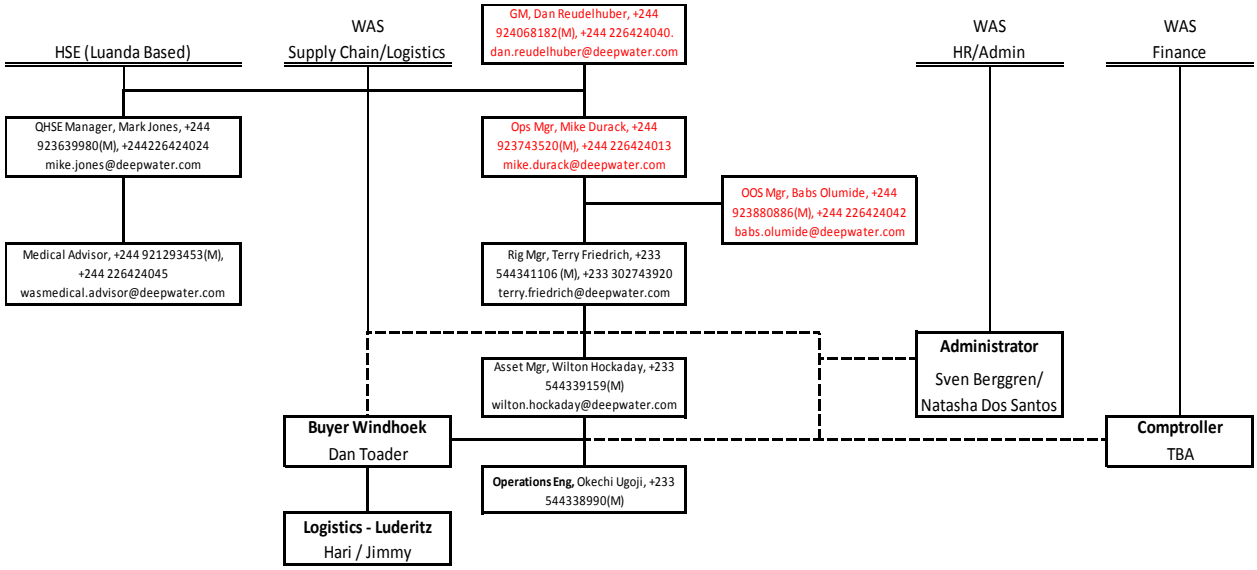
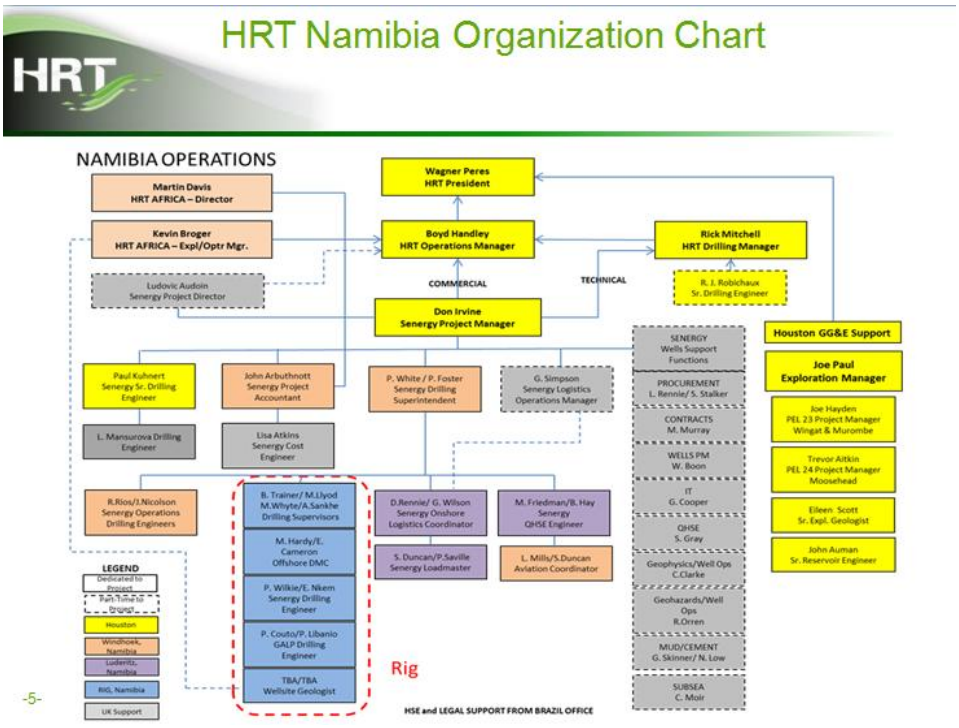


Figure 2 summarizes the Management organization for the HRT organization in Namibia. The principle communication link between the companies onshore shall be through the Transocean rig Manager and HRT Drilling Supt and offshore shall be through, depending on context the Transocean Rig Captain / Rig Superintendent and the HRT Senior Drilling Supervisor (HRT-SDSV)



2.2. Responsibilities

2.2.1. Offshore Installation Manager (OIM)

The Offshore Installation Manager (OIM) has overall responsibility for the health, safety and welfare of all personnel on the vessel and is directly accountable to Transocean Management. In providing the Drilling Services under the Contract, the OIM, as senior Transocean representative on the rig, has responsibilities for the implementation of the Transocean Safety Management System (SMS), including the management of operational integrity and personnel. The OIM is accountable to the Transocean Rig Manager, who is in turn responsible to Transocean's Operations Manager.

2.2.2. HRT Senior drilling Supervisor (HRT-SDSV)

On the rig the HRT Senior drilling Supervisor (HRT-SDSV) has a responsibility to ensure compliance with the HRT SMS and that the well is drilled/tested/abandoned in accordance with the programmes while at the same time working under the Rig's SMS. He reports to the Drilling Superintendent based in Windhoek.

2.2.3. Senior Toolpusher

During all drilling operations, Transocean will have a dedicated senior tool pusher on board the rig. The Senior Tool pusher is responsible for ensuring that the operations relating to drilling the wells are conducted safely and in accordance with statutory obligations.

The Transocean Senior Tool pusher shall work with and coordinate operational planning with the HRT Senior Well Site Supervisor to ensure that the Drilling Program is implemented safely and that contract obligations are fulfilled. Delegated responsibilities and accountabilities below these levels are detailed in the following documents:

2.3. References and documents

- Emergency Response Plan (ERP)
- HRT/Transocean Bridging Document/SMS
- HRT Environmental Management Plan (EMP) for HRT Blocks Pel
- Transocean ER/Contingency Manual for Transocean Marianas and all associated manuals :

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

D-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

I-EXTERNAL DOCUMENTS
The two mains contractors in case of specific emergency are

Oil spill: Oil Spill Response Limited

- HRT Oil Spill Contingency Plan (OSCP) done by OSRL
    - PEL 22: Doc - HRT001L-WE-HSE-010.
    - PEL 23: Doc - HRT001L-WE-HSE-011.
    - PEL 24: Doc - HRT001L-WE-HSE-012.
- Well control: Boots and Coots
    - HRT Africa Petróleo S.A. (PEL 22/23/24) Blowout Contingency Plan: Doc HRT001L-WE-HSE-013

2.4. Operational Integrity

Overall responsibility for operational integrity on the Rig remains with Transocean, who will endeavour to comply with all applicable HRT standards and procedures. The integrity of the Well Design is the responsibility of Senergy, the Well Management Company appointed by HRT for design and construction and Project Management of the Namibian wells.

2.5. Operational Support

HRT and Transocean both confirm that in carrying out the Contract services, adequate support is available to safely perform these services as demonstrated within the respective SMS's. The name of TOI HSE Management System is *THINK Process*

2.6. Third Party Activities

HRT and Transocean are each responsible for ensuring that any third parties or subcontractors are aware of the SMS's in place, and that appropriate mechanisms for assessment and management of interfaces are in place.

3. HSE management system.

Transocean has established and maintains a safety Management System that satisfies HRT's requirements in relation to the rig operations. The rig Environmental Management System shall be sufficiently established and maintained to support HRT certification to ISO 14001 and OHSAS 18001

Simultaneous Operations (SIMOPS) refer to independent operations, which may impact the safety of personnel or equipment and the environment of another operation. SIMOPS are not expected during the course of the project but if required Transocean's offshore Simultaneous Operations Procedures will govern SIMOPS activities.

4. COMMUNICATIONS

4.1. Routine

Proper communications will be established between all personnel involved in the overall direction of operations. Technical information required for the execution of the Contract services on the Rig will be channeled via the HRT Senior drilling Supervisor (HRT-SDSV) and the Transocean Rig Superintendent.

Work programmes for Well Drilling and Testing will be supplied by the HRT Senior Drilling Engineer and shall be formally approved and issued in accordance with HRT Procedures.

A detailed activity work program for the Transocean Contract services will be furnished by the HRT Senior drilling Supervisor (HRT-SDSV) at regular intervals. This detailed activity work program and its execution, will be in accordance with the requirements of procedures and routines provided by HRT, and will include hazard identification and risk assessments as appropriate.

Occupational safety on the rig will be covered by a Transocean Task Based Risk Assessment, which will be available to the workforce prior to the commencement of work. Transocean HSE Management System THINK Process will be the reference in any tasks during the operations

The Transocean Rig Manager is responsible for ensuring that all maintenance, inspection and equipment testing is conducted in accordance with Transocean guidelines and procedures.

The Transocean Rig Manager is responsible for ensuring that the HRT Project / Drilling Manager is advised of the requirements and schedule of all aforementioned activities.

In respect of any changes to the program of work HRT Management of Change Procedures will be implemented and the HRT Senior drilling Supervisor (HRT-SDSV) and Transocean's Rig Superintendent must ensure that all hazards and risks have been identified, highlighted and controlled and ensure that both the HRT Project / Drilling Manager and the Transocean Rig Manager are notified.

The Transocean Rig Superintendent will report daily to the HRT Senior drilling Supervisor (HRT-SDSV) and regular pre tour meetings will be held at least twice per day – one at the commencement of each 12 hour work shift.

Coordination meetings will be held daily to discuss rig operations planned for over the next 24 hours and identify any risks associated with forthcoming rig activities. A Supervisor from each major work group will attend these meetings. Any conflicts between the various groups will be resolved and safety matters reviewed.

The HRT SDSV will chair these meeting. Special considerations / precautions may be necessary to manage the following:

- Limiting access to certain areas during concurrent operations
- Providing previously unidentified specific protection (either permanent or temporary)
- Sequential operations in preference to concurrent operations
- Improving procedures / training of personnel
- Change of process layout, emergency system & escape routes etc.

Attendees will on pass all findings / information discussed at these meetings to their and co-workers as required at the daily safety meetings. Minutes as well as copies of the permits in effect will be posted at pre-determined points; all parties must notify the Rig Superintendent of any proposed work to be carried out on the Rig 24 hours before anticipated commencement of the task.

4.2. Safety Information

The Transocean Rig Manager will ensure that all Rig related safety information and any other relevant Transocean safety information e.g. Flashes, Alerts, Reports etc., are provided to the HRT Project / Drilling Manager.

The HRT Project / Drilling Manager will likewise ensure that all relevant HRT safety information e.g. Alerts, Bulletins etc. are provided to the Transocean Rig Manager and the HRT Senior drilling Supervisor (HRT-SDSV) on the rig.

The KPI like Man-hours, incident / accident reports, Near Misses and ACTIVE monitoring process card analysis, and other HSE performance monitoring data shall be provided to HRT by the OIM.

Regular safety meetings will be held on the rig to discuss all aspects of work. All personnel, including contractors will be required to attend.

Other meetings to be held on a regular basis are as follows:

- Daily Operations Coordination meetings (to be minuted)
- Pre-Job safety meetings
- Pre-Tour / Shift handovers
- Safety meetings (to be minuted with actions delegated)
- Permits to work shall be referenced at the pre-job safety meeting
- Risk assessments (to be minuted / referenced on the pre-job safety meeting)
- Daily activity review and forward planning meetings between HRT Senior drilling Supervisor (HRT-SDSV) and Transocean Rig Superintendent and Service Co. supervisors.

Coordination Notice Board(s) will be established at a designated location. The Coordination Notice Board will display the following as a minimum:

- Emergency Notifications Phone Numbers
- Emergency Notification Procedures
- Work Plans for activities that affect the safety of another group's activity or operation.
- Minutes of Co-ordination meetings with copies of permits in effect.
- Name and contact numbers for HRT & Transocean key personnel
- Contact phone numbers for Third Party services with dedicated phone number
- Date of last Notice Board information change / review.

4.3. Management of Change

Transocean is responsible for the control of any physical, organizational, personnel or work practice changes occurring on the rig that could affect the safety of personnel, rig or third parties and could consequently impact the drilling plan. HRT is likewise responsible for the safe management of changes to the well design or work programmes that will be controlled in accordance with SIMS-WP-001. HRT Management of change control shall address changes to:

- Work scope
- Specified equipment and drilling procedures
- Organization
- Key staff
- Short or long term changes

The Transocean Rig Superintendent will notify the HRT Senior drilling Supervisor (HRT-SDSV) before any significant change of material, hardware, software, procedures or organizational structure that could affect the safety of the rig or its personnel.

4.4. Emergencies

Transocean Emergency Procedures, including emergency Well Control procedures for the Rig will have primacy at all times, The OIM is responsible for the applications of the procedures . All actions to be taken in the event of an emergency by Transocean rig personnel and relevant onshore staff are detailed in

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

Roles of respective emergency response organizations are detailed in both HRT and Transocean Company SMS Documents and Emergency Response Plans.

Transocean is responsible for and will facilitate the rig's emergency response exercises and training programmes. During an emergency all communications with the rig will be in accordance with the Rig's Contingency Manual.

The Transocean OIM is the designated On-Scene Commander for all activities on the rig and will assume command and control in any offshore emergency.

The On-Scene Commander will liaise with the onshore Emergency Control Room (OECR) to co-ordinate support services as required and to help assist in stabilizing, mitigating and controlling the emergency situation.

4.5. Accident / Incident Reporting

All accidents, incidents and near misses on the rig shall be reported in accordance with the requirements of the Transocean reporting system. The HRT Senior drilling Supervisor (HRT-SDSV) will follow the HRT Reporting System

Reporting to the Namibian Authorities is the responsibility of HRT on behalf of HRT, who may use the relevant Transocean reports if deemed appropriate.

The Rig Superintendent is responsible for reporting incidents occurring on the rig to the HRT Senior drilling Supervisor (HRT-SDSV).

Copies of all documentation relating to accidents / incidents occurring on board shall be copied to the HRT Senior drilling Supervisor (HRT-SDSV).

The HRT Senior drilling Supervisor (HRT-SDSV) is responsible for reporting accidents and near misses to the HRT/ Senergy Drilling Superintendent.

All accidents and near misses with high potential will require a Major or High Potential Incident Announcement to be issued within 24 hours of the incident by the HRT Senior drilling Supervisor (HRT-SDSV).

The HRT Senior drilling Supervisor (HRT-SDSV) will raise a HRT Incident Report in the event of the following:

- All injuries which either have a high severity or are likely to result in a lost time injury
- All incidents which either result in, or have potential to cause significant damage / loss or that are reportable as a statutory requirement.
- All near misses which have high potential for injury or damage / loss
- Any other event which is reportable as a statutory requirement

Transocean will utilize its own investigation and reporting procedures and will notify HRT of all accidents and incidents and issuing supplemental information to HRT as required.

In the event of an incident or accident where the worst probable outcome could have resulted in a serious injury, fatality, major environmental damage or major business or reputation loss, a joint investigation team including HRT personnel may be established.

5. Work programming

5.1. Work Programme

Daily work programmes for all Drilling Activities will be developed by HRT and presented to Transocean for review. Operational activity changes to these programmes will be agreed by the HRT Senior drilling Supervisor (HRT-SDSV) and the Transocean Rig Superintendent at the regular daily planning meetings. The HRT Project / Drilling Manager and the Transocean Rig Manager are to be informed of all changes by their respective personnel.

5.2. Hazard Identification & Risk Assessment

The prime responsibility for Hazard Identification and Risk Assessment prior to work execution programs are issued lies with the originator of the work. It is his duty to ensure that the correct Responsible Person(s) carries out the appropriate Hazard & Risk Assessment activities and reports on his findings in line with Transocean requirements.

5.3. Work Plans

Work Plans will be developed for any work activity that directly or indirectly affects the safe performance of people in the immediate vicinity, or that could otherwise be affected. The responsibility for Work Plan preparation lies with the work group initiating the activity. The plan must include the following key points:

- A description of the job or activity to be carried out - including the number of personnel involved, work site location, equipment to be used and any other resources required
- Designated single point of contact for the job and proposed communication plan - i.e. radio and /or phone
- Expected duration for the work
- Hazard assessment for the job including any revisions to existing emergency response plans
- Work Permit (if required) authorizing the proposed work scope

5.3.1 DROPS Management

The Transocean OIM and Transocean senior management offshore will have in place a Dropped Object Prevention Scheme that covers the drilling Derrick, as well as other areas of the Transocean Marianas where equipment has the potential to fall to ground. Adequate processes shall be in place so work at height is properly planned and monitored. All permanent Transocean personnel shall be trained and made aware of the DROPS Program as well as relevant industry best practice.
Periodic preventative maintenance programs will also allow for maintenance personnel to add further vigilance to the prevention of falling objects and equipment.

5.3.2. Permit to Work

The Transocean Permit to Work (PTW) System will be used for all applicable activities performed under the scope of the Contract on the rig. Permits will be distributed and displayed in accordance with the Transocean Permit to Work Procedure. All Drilling and visiting Third Party Service Companies will comply with Transocean's PTW System

5.4. Procedures

The Rig is managed under the following documentation which is part of the Transocean Marianas management system

A-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

B-PERFORMANCE AND OPERATIONS POLICIES AND PROCEDURES
Manual Number: HQS-OPS-PP-01
Issue Number: 02
Revision Number: 00
Revision Date: December 16, 2011

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

D-HEALTH, SAFETY & ENVIRONMENTAL HANDBOOK
Manual Number: HQS-HSE-HB-04
Issue Number: 01
Revision Number: 00
Revision Date: July 1, 2011

E-HEALTH AND SAFETY POLICIES AND REQUIREMENTS
Manual Number: HQS-HSE-PP-01
Issue Number: 04
Revision Number: 01

All Transocean well related operations on the Rig will be conducted in accordance with HRT Drilling Procedures and Programme or guidelines as issued by HRT Senior Drilling Supervisor (HRT-SDSV).

Transocean shall have handover procedures in place to ensure effective handover between shifts and at the end of each tour.

Emergency procedures will be adhered to use as defined in **Section 4.4.**

Radios and mobile phones must not be used during operations where radio silence is required. (It is to be noted that the offshore location is out-with mobile signal range)
Transocean is responsible for all aspects of the personnel management of its employees, including hiring, inductions, training and assessing competence. Transocean is responsible for personnel administration on the Rig.

6. Personnel Management

6.1. Induction

At first arrival on the rig, every person will receive a complete induction and refreshers at each next arrival on the rig

6.2. Training

Rig specific periodic emergency response training and drills for Transocean employees on the Rig is the responsibility of the OIM. Training exercises will include the testing of emergency response arrangements, location and operations alarms, safety systems including emergency shut-down (ESD) and fire-fighting equipment.

- Transocean is responsible for training its employees in accordance with contractual, legal and industry requirements to ensure that they are competent to perform their assigned roles. Technical training is the responsibility of Transocean.
- Transocean is responsible for formal PTW System training on the Rig. Transocean will also give general awareness training during inductions and during Pre-tour / Pre-job safety meetings.
- The HRT Senior drilling Supervisor (HRT-SDSV) and the Transocean Rig Superintendent shall ensure regular meetings such as but not limited to Pre-tour / Pre-job safety meetings are held for ALL the personnel on the rig.

6.3. HSE targeted campaign

Some specific HSE campaign must be developed on the Rig , by example:

- Lifting procedures (dropped object campaign)
- Pre inspection of container and basket (dropped object campaign)

All support in HSE matter will be given to HSE Rig personnel by HRT Senergy Department on request.

6.4. Competency

Competence assurance for the Rig personnel is the responsibility of Transocean, and it shall cover trade expertise, general safe working practice and where appropriate, supervisory skills for Transocean personnel and Transocean third party personnel. Competence assurance for HRT personnel and HRT third party personnel is the responsibility of HRT and it shall cover trade expertise, general safe working practice and where appropriate, supervisory skills.

6.5. Plant and Equipment Control

Transocean is responsible for ensuring that all equipment on the Rig and procured by them and used on the Rig is fit for purpose and meets contractual requirements including inspection, certification and maintenance. The Transocean Rig Superintendent shall ensure that Transocean will report any known hazard or safety-related deficiencies to the HRT Senior drilling Supervisor (HRT-SDSV) in a timely manner.

During lifting operations, the following will apply:

- The rig will only use their own rigging and lifting equipment for work on the rig
- Non-rig gear, e.g. transit slings from HRT or Service Companies, will only be used to ship and receive materials on to and from the rig
- Color coding of slings must be defined for HRT and Service Companies
- 3rd Party Service Contractors must comply with rig requirements
- Lifting procedures (dropped object campaign) will be extensively developed at the pre tour Meeting

- Pre inspection of container and basket (dropped object campaign) will be done by Rig Personnel and supply boat personnel

6.6. Materials

- Transocean shall ensure that all chemicals and hazardous materials supplied by them are supplied with a Materials Safety Data Sheet (MSDS). A copy will be sent to HRT Senergy QHSE Advisor. The library of the HSE department of the HRT project must be updated all the time and must be able to deliver all MSDS on request from Rig, Supply boat or Warehouse.
- Transocean shall ensure that copies of the MSDS Sheets are issued to the Rig prior to or in parallel with the applicable material dispatch.
- HRT shall ensure that all materials supplied by them and their subcontractors are supplied with a Materials Safety Data Sheet (MSDS). A copy will be sent by the HRT Senergy QHSE Advisor.
- HRT shall ensure that copies of the MSDS Sheets are issued to the OIM prior to or in parallel with the applicable material dispatch.
- The Transocean offshore Doctor / Medic has access to the MSDS sheets for all chemicals onboard and is familiar with the recommended first aid treatment for chemical exposures.
- Transocean shall supply a register of the chemicals (Control of Substances Hazardous to Health (COSHH) used on the rig.

6.7. Third Party Equipment / Maintenance Standards

Safety Critical Equipment supplied by third Parties will be examined and approved for use in accordance with HRT Control of third Party Equipment Procedures. The following may need to be provided:

- Certification Package
- Examination by Rig Engineer
- Examination by Rig Electrician

7. Monitoring, Reviewing & Audits

7.1. Monitoring

Transocean will operate a monitoring process on the Contract services. The Rig Superintendent is responsible for ensuring that the monitoring requirements are met and areas of concern are reviewed and resolved. The Transocean Rig Superintendent will report the following items in a timely manner to the HRT Senior drilling Supervisor (HRT-SDSV):

- Deficiencies, outstanding repairs or defects, which may affect the safe and efficient operation of the Rig.
- Accidents, incidents or near misses.

The HRT Project / Drilling Manager and the TO Rig Manager will agree the format and frequency of routine formal reporting. Monitoring of Performance will be conducted throughout the project through examination of reports and records, reviewing of work in process, inspection and area audit.

7.2. Reviewing

The Transocean Rig Manager will conduct a Monthly Review which will include safety related items. The review will cover the following points:

- Status of contract services and contractual issues
- Key events / significant changes in activities
- Accident / incident reports
- Status of competency and training (Personnel CVs shall be available at rig)
- Transocean audit reports and follow-up action items
- Safety statistics report and other safety related monthly reports
- Improvements / Changes to Transocean QHSE Management System

A copy of each Review is to be provided to the HRT Project / Drilling Manager by the Transocean Rig Manager.

7.3. Inspections and Audits

Both companies will conduct independent planned audits on the Rig. Each company will conduct inspections and audits according to its own program and both companies will afford assistance and co-operate with the others programmes.

Where it's appropriate HRT and Transocean will conduct joint audits. Both parties will agree and commit to such audits and facilitate the process.

Transocean Rig Manager will forward copies of inspection and audit reports to the HRT Project / Drilling Manager.

8. Summary of Interface Arrangements

SUBJECT	Doc. Ref.	RESPONSIBILITIES & APPLICABLE / CONTROLLING PROCEDURES	
		HRT	Transocean
2.0 Management Responsibilities			
Organization Chart	**2.1**	Yes Ref Section 2.1	Yes Ref Section 2.1
Responsibilities	**2.2**	Yes Project / Drilling Manager & Senior drilling Supervisor (HRT-SDSV)	Yes Rig Superintendent/Rig Supt.
Operational Integrity	**2.3**	Yes Project Manager & Senior drilling Supervisor (HRT-SDSV)	Yes Rig Superintendent
Operational Support	**2.4**	Yes (SIMS)	Transocean Rig management system
Third Party Activities	**2.5**	Yes (SIMS)	Transocean Rig management system
3.0 HSE Management Systems			
HSE Management Systems	**3.0**	Yes Rig SMS in compliance with HRT SMS	Transocean HSE Management System including THINK, START, TOFS
4.0 Communications			
Routine	**4.1**	Yes Project / Drilling Manager & Senior drilling Supervisor (HRT-SDSV) Overall Work Program	Yes Rig Superintendent/Rig Supt Drilling Programme
Safety Information	**4.2**	Yes Project / Drilling Manager and Senior drilling Supervisor (HRT-SDSV) Alerts, Bulletins etc.	Active Card System and analysis, Weekly HSE Meetings, incident reports, incident investigation reports, Safety flashes, monthly HSE report s and statistics,
Management of Change	**4.3**	Yes For the Well Senior drilling Supervisor (HRT-SDSV) & Project / Drilling Manager (SIMS-WP-001)	Rig Superintendent with Engineering Dept Support for design control and development, SJA and PTW
Emergencies	**4.4**	Yes Emergency Response Plan, Bridging Document , Oil Pollution Emergency Plan	1. EMERGENCY MANAGEMENT PROCEDURES MANUAL (Manual Number: HQS-HSE-PR-01) 2. TRANSOCEAN MARIANAS EMERGENCY RESPONSE MANUAL (Manual Number MAR-HSE-PR-001) 3. TRANSOCEAN MARIANAS SHIPBOARD OIL POLLUTION EMERGENCY PLAN (Manual Number MAR-PEP-001) Rig specific station bill
Accident/Incident Reporting	**4.5**	SIMS-WP-004 Project / Drilling Manager	Transocean Incident and accident reporting Rig Superintendent
5.0 Work Programming			
Work Programme	**5.1**	Yes Project / Drilling Manager and Senior drilling Supervisor (HRT-SDSV) Drilling Program	Rig Superintendent HRT Drilling & Testing Programmes

SUBJECT	Doc. Ref.	RESPONSIBILITIES & APPLICABLE / CONTROLLING PROCEDURES	
		HRT	Transocean
Procedures	**5.2**	Yes Drilling & Testing Programme and Guidelines) Basis of Design document	Operations Manual, Drilling Manual, Well Control Manual, Procedures & Instructions Manual, Materials Manual, Chemical Manual, Applicable API standards IADC recommandations, bulletins etc.
6 Personnel Management			
Personnel management	**61**	Yes Project / Drilling Manager	Rig Superintendent
Induction	**6.2**	Yes, all HRT Senergy will be inducted at first time arrival	Transocean Safety Officer
Training	**6.3**	Yes ERP, SMS, BOD, Well Control.	Emergency response H2S training HSE Management system Process safety management START observation techniques IWCF (as applicable) Other training courses as per Transocean Training Manual
Competence	**6.4**	SIMS-WG-009 Senior Well Site Supervisor Trade, Expertise, Safety, Supervisory and Well Control skills	CV for Sr. Personnel Transocean Competency system
Plant & Equipment Control	**6.1**	Yes Senior Well Site Supervisor	Yes PM System
Material	**6.2**	Yes Hazard Data Sheets (MSDS)	Yes Chemical Manual/SHOC Lists/Data Sheets
3rd Party Equipment / Maintenance Standards	**6.3**	Yes QA, Certification & Maintenance Standards	Verification procedure reference DROPS system
7.0 Monitoring, Reviewing & Audit			
Monitoring	**7.1**	Yes Senior Well Site Supervisor	Rig Superintendent
Reviewing	**7.2**	SIMS-PR-002 Project / Drilling Manager	Rig Supt.
Auditing	**7.3**	SIMS-PR-002 Senior Well Site Supervisor	Rig Supt / QHSE Section

9. Documents associated at this bridging document from external providers

9.1. Well Control in case of Emergency

- In all aspects of well control the **Transocean Well control Manual will be utilized**. With the use of the external provider Boots and Coots for well control, the manual of this provider is associated to the documentation to be used in case of emergency. 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

9.2. Oil Spill Tier 2 and Tier 3

In all aspects of oil spills the Transocean SOPEP manual (Transocean Marianas – SOPEP MAR-PEP-001) will be utilized. The oil spill contingency plan from OSRL will be part of the documentation used in case of emergency level tier 2 and tier 3 with the SOPEP manual.

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.