

Rev Date 12-01-09

Deepwater Horizon - BP CMID Audit Work list September 2009

1 MONTH or less

NO Action

In progress

1 MONTH or less	Ref	CMID Ref	Recommendation	Audit Team Advised Completion	Asset Acceptance or / Change
	14.1	13.3	Port aft quarter watertight doors to be made operational. None closed when tested. BP Marine Standard	Before start of drilling	Accept
	14.2	13.4	Sea water service pumps (15.1) were not operational. Checked and found that the pumps were not started. Sea water pumps will be tested on 10.06.01. Interlocks are satisfactory. In addition a leak has been detected. Sea water pumps available in standby. 14.06.01. 15.06.01. 16.06.01.	Before start of drilling	Accept
	14.3	15.7	Port forward port aft and starboard forward electric bilge pumps to be made operational. The bilge systems are defective and pumps could not reduce the bilges. BP Marine Standard	Before start of drilling	Accept

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EXHIBIT # 2167

WIT:

TRN-MDL-00374741

Responsibility	LATEST UPDATE		
	Complete Action Plan	Date Completed	BP Sign Off
First Engineer	Pumps and pressure switches have been calibrated and all solenoids have been repaired that were defective.	Complete 10/05/2009	Continue during A Rodrigue 2 Vision 10/20/09
First Engineer	Parts list has been submitted to the manufacturer for the replacement of the defective solenoids. The manufacturer has confirmed that the solenoids are defective and will be replaced. The manufacturer has also confirmed that the solenoids are defective and will be replaced. The manufacturer has also confirmed that the solenoids are defective and will be replaced.	Complete 10/05/2009	Continue during A Rodrigue 2 Vision 10/20/09

1.4.4	15.7	Rectify defective emergency bilge suction check valves in the port forward ballast pump room and setboard aft ballast pump room which leaked during flow back tests. BP Marine Standard	Before start of drilling	Accept
		Emergency bilge suction check valves in the port forward ballast pump room and setboard aft ballast pump room which leaked during flow back tests. BP Marine Standard	Before start of drilling	Accept
1.4.6	15.12	The port aft HPU pumps for the ballast valve/water tight sampler solenoid cabinet are running continuously. Defects to be investigated and rectified. BP Marine Standard	Before start of drilling	Accept
2.4.1	2.4	The remote thruster emergency stops were tested and several deficiencies were identified. All non functional emergency thruster stops to be investigated and rectified	Within one month	Accept
2.4.2	2.4	The communication error in the Port HPEAP to be rectified		
2.4.3	2.4	Investigate current ballast and thruster stop to be investigated. Rectified solenoid stops available to be rectified	Within one week	Accept

Chief Mate	All check valves have been repaired	Complete 10/05/2009	Continue during Rodriguez A Z. Visitor 10/20/09
First Engineer	All leaks have been repaired and pumps calibrated	Complete	
Electrical Supervisor	E-Stop T-3 from Bridge, T-5 from ECR, Awaiting quote from Kongsberg. E-Stops are functional, once initiated the panel has to be removed to reset the switch. Additional switches will be ordered.	Complete	
	Completed	9/13/2009	R Cox
Electrical Supervisor	Work has been done on E-Stop wiring in the bridge. E-Stop will have an E-Stop Special Certificate issued and then the E-Stop will be tested.		

Chief Mate	Completed	Complete
First Engineer	JOB # 099546 Mechanical seal has been repaired and the pump is fully operational. Replaced smoke detectors and cleared alarms. This is a continuous maintenance item with over 400 detectors there are always detectors in need of maintenance.	Complete 12/2/09
Electrical Supervisor	Reviewed daily in PMs four meetings and weekly at departmental safety meetings of the importance of closing the doors.	Complete 12/1/09
Chief Mate	Confirmed during A. Rodriguez 2. Visit on 10/26/09.	Completed 11/20/09

2.4.11	13.3	Weather tight door vessel management system audible alarm function (generated after 100 seconds) to be retested	Within two weeks	Decline
2.4.12	13.3	Defective watertight door accumulators (P13 and P14 WTD) to be repaired and all other watertight door accumulators to be checked and verified as operational	Within one month	Accept
2.4.13	13.3	Watertight sliding doors do not have sufficient spares carried onboard to provide acceptable contingency to ensure doors can be maintained fully operational. The spares inventory should be increased to allow for both corrective and preventative maintenance issues.	Within three months	Under Review
		Watertight doors are watertight until the door is closed and secured for operation. Once the door is open, it is no longer watertight. The door should be closed and secured immediately after use.	Within one month	Accept
2.4.15	13.3	The 1g procedures for operating the watertight doors to be enforced. The operating lever to be actuated until door reaches full open or closed position. All staff should undertake refresher training on the procedure.	Within one month	Accept
2.4.16	13.3	Non-releasable operable watertight doors to be returned to fully operational status. Four watertight sliding doors could only be operated locally. The 1g was waiting on spares to make fully operational.	Within one month	Accept
2.4.17		Watertight doors to be maintained in fully operational status. The door should be closed and secured immediately after use. The door should be checked and verified as operational.	Within one month	Accept

Captain	System will remain at 600 seconds	Complete 27 Oct
First Engineer	P12 and P8 WTD accumulators have been repaired	Complete 10/27/09
Maintenance Supervisor	All ship's spares for the WTD's have been reviewed and adjusted as needed	Complete 12/1/09
First Engineer	Parts ordered for P12 and P8 WTD's. Delivery expected in 2 weeks. 10/28/09	
Captain	All water-tight doors have operating instructions and warning signs posted on both sides of the door	Complete 10/27/09
First Engineer	Parts on board awaiting installation. 2 units had recharged #5 thruster accumulators had pump rebuilt. 1 pump waiting on parts. 10/28/09	Complete 11/07/09
First Engineer	P12 and P8 WTD's have been repaired. 10/28/09	

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3.4.6	2.4	The Printer log (for alarm/event printing) requires review as the there are inconsistencies in the print management. The printer should be able to be used from all DP/OS stations.	Within one month	Under Review
	2.5	The status of the outstanding technical concerns register should be provided to BP relating to the FMECA	Within two months	Under Review
	2.6	Non-compliance with the ISM audit findings and recorded within FOCUS under a common heading (PMAA audit). It was not possible to identify specific ISM audit actions. Individual audit findings particularly those relating to Statutory audits to be separately tagged in FOCUS	Within one month	Under Review
3.4.9	10.12	The Plans contained within the SOLAS fire tube to be reviewed and replaced as required with the latest fire control plans	Within one month	Accept
	10.13	The Plans contained within the SOLAS fire tube to be reviewed and replaced as required with the latest fire control plans	Within one month	Accept
	10.14	The Plans contained within the SOLAS fire tube to be reviewed and replaced as required with the latest fire control plans	Within one month	Accept

Electrical Supervisor	Issue has been corrected all DP OS stations have the ability to print to the alarm/event printer.	Complete 12/7/2009
Electrical Supervisor	Rig Move. Still have to verify that we have the cable on board to replace the run that simrad did.	
	Discussion with rig management concerning release of FMECA. MOC MA-042 submitted for technical assistance from TOI Field Support and engineering.	
Rig Management	Risk Management will be completed. All risks are under review.	
Rig Management	Under Review	
Chief Mate	SOLAS approved plans printed out and placed in tubes.	Complete 27 Oct
Chief Mate	Supplies Investigated. No deficiencies found.	Complete 10/28/09

Chief Mate	PM completed	Complete 28 Oct
Electrical Supervisor	Replaced smoke detectors and cleared alarms. This is a continuous maintenance item with over 400 detectors. There are always detectors in need of maintenance.	Complete 12/1/09
Chief Mate	Waiting on parts to replace smoke detectors. Estimated 10/27/09.	
Chief Mate	Waiting on parts to replace smoke detectors. Estimated 10/27/09.	
Captain	Just completed our yearly GM/SSS Survey with no deficiencies noted.	Complete 10/27/09
Captain	Just completed our yearly GM/SSS Survey with no deficiencies noted.	Complete 10/27/09
First Engineer	Ongoing Maintenance	Complete 10/27/09
First Engineer	Ongoing Maintenance	Complete 10/27/09

3.4.19	15.1	Replace/repair defective seawater pump #6. The pump is washed out.	Within one month	Accept
3.4.20	15.1	Replace the leaking bottom ceiling seal on seawater pump #7.	Within one month	Accept
3.4.21	15.1	Investigate and rectify the problem with seawater pump #8. The pump trips out on over current.	Within one month	Accept
3.4.22	15.1	Replace the leaking mechanical seal on chilled water pump #4.	Within one month	Accept
3.4.23	15.1	Replace the defective motor on seawater pump #4.	Within one month	Accept
3.4.24	15.1	Replace the defective mechanical seal on seawater pump #4.	Within one month	Accept
3.4.25	15.1	Replace the defective valve on the chilled water pump #4.	Within one month	Accept
3.4.26	15.1	Replace the missing priming unit on seawater pump #6.	Within one month	Under Review
3.4.27	15.1	Install new electric drive motor on main engine #4 air start compressor.	Within one month	Accept
3.4.28	15.1	Replace the defective air start compressor.	Within one month	Accept

First Engineer	Pump rebuilt	Complete 09/25/09	Confirm during A Rodriguez Visit 10/29/09
First Engineer	Pump rebuilt	Complete 10/22/09	
First Engineer	Pump was online by itself during WILD, it was overhauled. Pump is fine and fully operational	Complete 09/25/09	Confirm during A Rodriguez Visit 10/29/09
First Engineer	Repaired JOB 1590038-102393	Complete	
Electrical Supervisor	Motor has been replaced	Complete	
Electrical Supervisor	Handwritten notation has been made on the motor label		
Electrical Supervisor	Motor is working fine and stable with the motor label		
First Engineer	The seawater pumps do not have priming units As the pump has a positive head a priming unit is redundant		
Electrical Supervisor	New motor installed and operational	Complete 10/25/09	
First Engineer	Handwritten notation on the motor label		

Chief Mate	Valve was put back in place when the spool piece change out was completed.	Complete 27 Oct
First Engineer	Will be repaired when pump is being repaired.	
First Engineer	Water Jacket Inlet spool piece to #4 heat exchanger has been replaced.	Complete 10/25/09
	ELST VLV'S 03, 062, 067 AND 133 REVIEW RMS AND FOUND ALL EMERGENCY/BILGE VLV'S ARE SCHEDULED FOR A 30, 130 AND A 165 DAY SCHEDULE MAINTENANCE CYCLE.	100%
First Engineer	MARKED FOR WORK	
First Engineer	NAVALYAN	
First Engineer	NAVALYAN	
Chief Mate	Will be repaired when pump is being repaired.	
Chief Mate	Cap in place	Complete 27 Oct 100%

3.4.38	16.6	The rig has no facility for conducting emergency towing as the tow bridle has been removed. Consideration should be given to providing a method of securing a tow line as an emergency contingency.	Within two months	Decline
3.4.39	16.6	This hydraulic pressure gauge situated in the port air solenoid cabinet is showing zero psi. Pressure gauge to be checked and calibrated as required.	Within two months	Accept
3.4.40	16.6	When the rig is towed, the tow bridle is not secured to the tow point. Even when the tow bridle is secured to the tow point, the tow bridle is not secured to the tow point. The tow bridle is not secured to the tow point. The tow bridle is not secured to the tow point.	Within two months	Decline
3.4.41	18.4	The last test of the AFFF fire deck foam undertaken in July 2009 failed to comply with the required test criteria. Defective AFFF foam solution to be replaced.	Within two months	Accept
4.4.1	7.7	The rig induction process should include a security induction for both service personnel and rig crew.	Within four months	Under Review
4.4.2	13.3	Damaged backscatchers on the external emergency column escape ladders to be repaired.	Within six months	Accept

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Captain	Not required by class	Complete 08/01/08	
F1st Engineer	IOB# 102205 completed	Complete	100%
<p>Chief Mate replaced in 10/19/09 by Rodrigue Z-Vision 10/20/09</p>			
Chief Mate	AFFF replaced	Complete 10/19/09	Complete 10/20/09
RSTO/RSTT	Has been included into operation	Complete	100%
Captain	20Y1 SPS	Complete 10/27/09	

TRN-MDL-00374760

ELECTRICAL SUPERVISOR

2.4	The remote thruster emergency stops were tested and several deficiencies were identified. All non functional emergency thruster stops to be investigated and rectified	Within one month	Accept	Electrical Supervisor	E-Stop T-3 from Bridge, T-5 from ECR, Awaiting quote from Kongsberg. Continue to attempt reply from Kongsberg

11.4	The fire & gas and ESD control panel alarm, fault and override conditions to be addressed.	Within one week	Accept	Electrical Supervisor	We have a few smoke detectors that need replaced. We have one that we are changing locations in space. A couple of combustibles detectors that need seroing. The fault for fire pump is due to the pump being isolated due to leaking mech. Seal
13.3	Numerous weathertight door status indication errors to be addressed. All limit switches to be operational with correct status feedback at the vessel management system.	Within two weeks	Accept	Electrical Supervisor	Completed 11/20/09
2.4	Screen and Keyboard for the APOS in the ECR has not been installed and this control and monitoring system should be reinstated.	Within one month	Under Review	Electrical Supervisor	Under Investigation

FIRST ENGINEER

13.3	All worn or otherwise defective watertight door operating lever dead man springs to be replaced. On release the operating lever should return to the neutral position causing door movement to cease immediately.	Within one month	Accept	First Engineer	Parts on ordered on 10/05/09, estimated delivery time of 5 weeks. JOB# 100423

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MAINTENANCE SUPERVISOR

2.4.13	13.3	Watertight sliding doors do not have sufficient spares carried onboard to provide acceptable contingency to ensure doors can be maintained fully operational. The spares inventory should be increased to allow for both corrective and preventative maintenance issues	Within three months	Under Review	Maintenance Supervisor	Issue being addressed with Maint.. Sup., OMC and Asset Manager
2.4.21	15.1	There were insufficient spares carried onboard to carry out repairs to a faulty safety critical system processor for the ballast system control. The rig should carry out an assessment and increase the number of safety critical spares associated with the ballast system.	Within two months	Under Review	Maintenance Supervisor	Issue being addressed with Maint.. Sup., OMC and Asset Manager
3.4.6	2.5	The status of the outstanding technical concerns register should be provided to BP relating to the FMECA	Within two months	Under Review		Discussion with rig management concerning release of FMECA
	5.1	Actions arising from the ISM audit were combined with the ISPS and PMAA audit findings and recorded within FOCUS under a common heading (PMAA audit). It was not possible to identify specific ISM audit actions. Individual audit findings particularly those relating to Statutory audits to be separately tagged in FOCUS	Within one month	Under Review	Rig Management	Under Review
3.4.14	13.3	Since an MCT survey carried out in 2005/2006 it is reported that two MCTs have leaked or failed under static head pressure. Inventory survey and inspection to be conducted and documented to verify the integrity of MCTs installed in the pontoons, columns, moon pool and main deck areas.	Within three months	Under Review	Rig Management	Under Investigation

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TRN-MDL-00374769

MANAGEMENT/PREFORMANCE/ASSET

2.4.13	13.3	Watertight sliding doors do not have sufficient spares carried onboard to provide acceptable contingency to ensure doors can be maintained fully operational. The spares inventory should be increased to allow for both corrective and preventative maintenance	Within three months	Under Review	Maintenance Supervisor	Issue being addressed with Maint.. Sup., OMC and Asset Manager
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Rig: Deepwater Horizon
19 Apr 2010

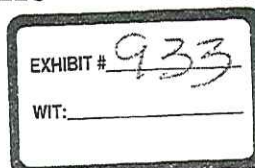
Date: 20 Apr 2010
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Craft	Job Description	Hours
Assistant Engineer	Replace start air reciever PRV.	2.0
Work Done : 19 Apr 2010 - Doug Brown Tag(s): AIR ARCV 088 Tested start air reciever PRV 3A and in bad condition. Replaced with warehouse spare. 19 Apr 2010 - Doug Brown Tag(s): AIR ARCV 088 Parts Requested from ICS: -----		
	WATER FOUNTAINS, 180DAY PM, FILTERS	3.5
Work Done : 19 Apr 2010 - brent mansfield Tag(s): POTW FILT 001 REPLACED ALL LIVING QUARTERS FILTERS, RIG FLOOR (LAST MONTH), ECR AND BELOW KNUCKLE BOOM. 19 Apr 2010 - brent mansfield Tag(s): POTW FILT 001 Parts Requested from ICS: -----		
19 Apr 2010 - brent mansfield Tag(s): POTW FILT 001 Parts Requested from ICS: -----		
Total Hours:		5.50
Crane Op	Daily Crane Inspection	3.0
Work Done : 19 Apr 2010 - micah sandell Tag(s): MTHL CRN 001 MTHL CRN 002 MTHL CRN 003 MTHL ENG 001 MTHL ENG 002 RISH OCRN 001 daily inspection ok		
Total Hours:		3.00
Drilling	Mud Pump Log Book	1.0
Work Done : Carried out Mud Pump Log		

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TRN-HCEC-00035561

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TRN-MDL-00077298



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Craft	Job Description	Hours
Drilling	Mud Pump Log Book	1.0
Work Done : Carried out Mud Pump Log		
		Total Hours: 2.00
Electrical	Replace F/S/R Switch on Milling Machine	1.0
Work Done : 19 Apr 2010 - jason cooley Tag(s): WMAC WMCH 001 RECEIVED SWITCH AND INSTALLED. TESTED WITH MECHANIC AND RETURNED TO SERVICE.		
29 Mar 2010 - willard duffey Tag(s): WMAC WMCH 001 Parts Requested from ICS:		
stbd crane-replace cooling fan motor		2.0
Work Done : 19 Apr 2010 - jason cooley Tag(s): MTHL CRN 002 REPORTING WORK DONE BY KEVIN ARMSTRONG. HE INSTALLED FAN AND TESTED ACCORDING TO HIS HAND OVER NOTES AND RETURNED IT TO SERVICE.		
05 Apr 2010 - allen windham Tag(s): MTHL CRN 002 Parts Requested from ICS:		
400 WATT HPS LIGHT BULBS NEEDED JC		1.0
Work Done : 19 Apr 2010 - jason cooley Tag(s): LHTG LTE 006 RECEIVED ALL 10 LAMPS FROM WAREHOUSE AND PUT THEM IN ELECTRICAL SHOP FOR USE.		
16 Mar 2010 - jason cooley Tag(s): LHTG LTE 006 Parts Requested from ICS:		
Calibrate High Voltage Tester		1.0
Work Done : 19 Apr 2010 - jason cooley Tag(s): WMAC ETE 001 RECEIVED TESTER FROM WAREHOUSE AND PUT IT BACK IN THE ELECTRICAL SHOP FOR USE.		
LIGHT BULBS NEEDED JC		1.5

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TRN-MDL-00077299



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<u>Craft</u>	<u>Job Description</u>	<u>Hours</u>
Work Done : 19 Apr 2010 - jason cooley Tag(s): LHTG LTE 005 received all parts for this job.		
05 Apr 2010 - willard duffey Tag(s): LHTG LTE 005 Received 2 boxes of lamps (icn 10013910) F20T12/CW/ALTO box of 30. Stored in Electrical Shop.		
04 Feb 2010 - jason cooley Tag(s): LHTG LTE 005 Parts Requested from ICS: -----		
	180 Day-Drawworks	1.0
Work Done : 19 Apr 2010 - chad murray Tag(s): DRHS DWKS 001 Just completed 180 day on the 20th of march.		
	SPM02-Switchboard-MCC-Service	1.5
Work Done : 11 Apr 2010 - daniel armstrong Tag(s): ELPD SWBD 016 Opened each cubicle and inspected interior. Noticed no issues with the cables or components. no hot spots or signs of heating. Rubber matting was cleaned and is in good order. Completed the Thermographic survey and saved to the desktop for trending purposes. Could not complete any megger checks due to operations.		
	SPM01-Switchboard-Inspection	11.0

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TRN-MDL-00077300



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Craft	Job Description	Hours
Work Done : 19 Apr 2010 - chad murray Tag(s): ELPD SWBD 001 ELPD SWBD 003 ELPD SWBD 004 ELPD SWBD 005 ELPD SWBD 006 ELPD SWBD 007 ELPD SWBD 008 ELPD SWBD 002 ELPD SWBD 009 ELPD SWBD 013 ELPD SWBD 017	<p>1. Perform close, visual checks on the switchboard. Check every unit for operational faults, defects, meter functions, lamp outages, abnormal noise and any unsafe conditions. Check all access panels and doors on the switchboard to ensure that all fasteners are installed and they are secure. X</p> <p>2. If fitted, check and test ground detection system. X</p> <p>3. If fitted, check operation of ventilating fans. X</p> <p>4. Ensure that all HVAC units for switchgear spaces are operating properly. X</p> <p>5. Ensure that all required electrical safety and rescue equipment required in the spaces is present and in good condition.</p> <p>A. Inspect the electrically non-conducting (dielectric) gloves located on switchgear/transformer room as per manufacturer recommendations." (HSE Manual - Section 4, Sub-Section 5.9, Paragraph 4.3) X</p> <p>6. Ensure that all appropriate warning and danger signs are posted at the entrances to the spaces. X</p> <p>7. Ensure that the floor and all rubber matting in the switchgear room is clean. Clean and/or mop as required. X</p>	
	SPM01-AC Generator-Checks	3.0
Work Done : 19 Apr 2010 - chad murray Tag(s): ELPG GEN 010 Ran e-gen and checked all monitoring devices and a checked for correct operation.		
	SPM07-Drawworks-Inspection	2.0
Work Done : 19 Apr 2010 - chad murray Tag(s): DRHS DWKS 002 Inspected all junction boxes, terminations and cables. Motor condition is very poor due to weather exposure.		
	SPM01-AC Generator-Checks	3.0
Work Done : 19 Apr 2010 - chad murray Tag(s): ELPG GEN 010 Ran e-gen and checked all monitoring devices and a checked for correct operation.		

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TRN-MDL-00077301



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Craft	Job Description	Hours
Electrical	SPM01-AC Generator-Checks	3.0
Work Done : 19 Apr 2010 - chad murray Tag(s): ELPG GEN 010 Ran e-gen and checked all monitoring devices and a checked for correct operation.		
	RPM 21 Day - Lighting System Maintenan	2.0
Work Done : 09 Apr 2010 - rodney page Tag(s): LHTG LTE 002 Parts Requested from ICS: -----		
09 Apr 2010 - daniel armstrong Tag(s): LHTG LTE 002 Parts Requested from ICS: -----		
09 Apr 2010 - daniel armstrong Tag(s): LHTG LTE 002 RELAMPED AND RE-BALLEST LIGHTS IN THE CO2 ROOM UNDER RISOR SKATE.		
Total Hours:		33.00
Electronics	Relocate The Camera And Emergency Lights	12.0



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Craft	Job Description	Hours
Work Done :	EMPAC WORK ORDER NO : 8709-001724-000 DATE UPDATE DUE TO INSTALL RMS 07/11/2009 12:23:58 GENE FREVELE AS PER ELECSUPER CHANGED DATE.EMPAC WORK ORDER NO : 8709-001724-000 DATE CHANGE 2 07/12/2009 14:10:20 TOM LEDDY CHANGED DATE REQUIRED DUE TO WAITING ON RIG FLOOR ACCESS FOR THIS PROJECT. EMPAC WORK ORDER NO : 8709-001724-000 UPDATE 05/15/2009 12:16:43 M WILLIAMS RECIEVED NEW J-BOX AND INSTALLED GLANDS AND DIN RAILS. J-BOX IS IN ELECTRIC SHOP WAITING FOR WELDER TO MOUNT IT UNDER THE CONVEYOR AND INSTALL A NEW PENETRATION THRU THE DECK. EMPAC WORK ORDER NO : 8709-001724-000. DATE CHANGE 05/15/2009 17:16:56 S CARDEN DATE CHANGED. WAITING TO GROW ON THE WELDERS PRIORITY LIST. PARTS ARE READY TO INSTALL. 19 Apr 2010 - stanley carden Tag(s): COMM ALRM 001 Looks like this job may not get done due to engineering problems. We have everything needed to complete if everything gets corrected. 22 Mar 2010 - brandon washam Tag(s): COMM ALRM 001 I cut plate to match the other plate. Cleaned it up with grinder and gave to mechanics to drill hole with mill. 19 Mar 2010 - william terrell Tag(s): COMM ALRM 001 Found J-BOX For connection of lights and Camera. Will be getting it ready to mount to have ready for this project.	
	Total Hours:	12.00
Marine	RPM 30 Day - Inventory Check Of Spill	3.1
Work Done :	19 Apr 2010 - DavidW Young Tag(s): EVNS SEQT 001 Inspection completed by J.Simmons. All found to be in good order.	
	RPM 30 Day - Fire / Trauma Blankets Ch	2.1
Work Done :	19 Apr 2010 - DavidW Young Tag(s): FFS SEQT 001 Inspection completed by J.Simmons All found to be in good order	

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TRN-MDL-00077303



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<u>Craft</u>	<u>Job Description</u>	<u>Hours</u>
Marine	30 Day-Sprinkler System	1.1
Work Done :	19 Apr 2010 - DavidW Young Tag(s): FFS FWS 002 Inspection completed by S.Richards All found to be in good order. Tank holding pressure Pop-Off on tank due for inspection	
	RPM 90 Day Line Throwing Gear Test - M	0.4
Work Done :	19 Apr 2010 - DavidW Young Tag(s): SFTY SEQT 013 Inspection completed by S. Richards. All found to be in good order.	
	30 Day-Life Saving Bouy Unit	1.1
Work Done :	19 Apr 2010 - DavidW Young Tag(s): SFTY LFBY 001 Inspection completed by S. Richards. All in good order. Annual battery change out completed. Expiration date of batteries is now 3-2012	
Total Hours:		7.80
Mechanical	REBUILD #4 RIG AIR COMPRESSOR VALVES	4.0
Work Done :	19 Apr 2010 - michael glendenning Tag(s): AIR COMP 014 04-19-10-MIKE GLENDENNING-ISOLATED AIR AND ELECTRICAL ENERGY AS REQUIRED, BLED OFF EXCESS AIR PRESSURE, REMOVED SHUTTLE VALVES, DISMANTLED VALVES, INSPECTED AND CLEANED ALL PARTS AS NECESSARY, INSTALLED NEW SEALS AND O-RINGS, REINSTALLED VALVES, DEISOLATED ELECTRICAL ENERGY AND PRESSURE VALVES, TEST RAN COMPRESSOR FOR PROPER OPERATION. COMPRESSOR IS NOW OPERATING PROPERLY.	
	SPM01-Air Winch Non Man Riding-Service	3.0
Work Done :	19 Apr 2010 - will jernigan Tag(s): RST UWIN 001 greased , checked cable , air supply valve , brakes , controls and all bolts and foundation	
	19 Apr 2010 - will jernigan Tag(s): BOPH UWIN 002 greased , checked cable , air supply valve , brakes , controls and all bolts and foundation	
	19 Apr 2010 - will jernigan Tag(s): BOPH UWIN 001 greased , checked cable , air supply valve , brakes , controls and all bolts and foundation	
	knuckle boom	1.0

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<u>Craft</u>	<u>Job Description</u>	<u>Hours</u>
Work Done : 19 Apr 2010 - will jernigan Tag(s): MTHL CRN 003 replaced male QD on knuckle boom arm.		
19 Apr 2010 - will jernigan Tag(s): MTHL CRN 003 Parts Requested from ICS:		
	Inspect upper trolley guide cc	2.0
Work Done : 19 Apr 2010 - Charles Cochran Tag(s): RISH OCRN 001 Inspected upper trolley guides retorqued bolts and retie wired boltes.		
Total Hours:		10.00
Motonman	Daily Machinery Report	1.0
Work Done : Carried out Daily Machinery Report		
Total Hours:		1.00
Total Hours Recorded:		74.30

All Downtime Reports have been closed out.

<u>Audit Date</u>	<u>Title</u>	<u>Total Items</u>	<u>In Progress Items</u>	<u>Open Items</u>	<u>Lead Auditor</u>
10 Sep 2009	Capital Assets Identification	0	0	0	Julia Chagoya
18 Feb 2010	Personnel Elevator	0	0	0	Bo Waits

<u>Title</u>	<u>Bulletin Type</u>	<u>Issued Date</u>	<u>Bulletin Job</u>	<u>Job Status</u>
2" DM Type 5K Gate Valve Failure	Maintenance Bulletin	03 Jan 2010	No Job Created	
BOP Control System Ball Valve Failures	Maintenance Bulletin	06 Apr 2010	No Job Created	
Crane Boom Camera System	Maintenance Bulletin	19 Apr 2010	No Job Created	
Drill Line Dead-End Connector Standard	Maintenance Bulletin	13 Jan 2010	No Job Created	
Dropped Casing Latch Assembly	Maintenance Bulletin	14 Dec 2009	Inspect Fingerboard Latches	Complete

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<u>Title</u>	<u>Bulletin Type</u>	<u>Issued Date</u>	<u>Bulletin Job</u>	<u>Job Status</u>
Dropped Deflector Bar	Maintenance Bulletin	14 Sep 2009	Insp Derrick Hose Deflector & Bumper Bar	Complete
Dropped Object From Elevator	Maintenance Bulletin	14 Dec 2009	Elevator Insert Retention Inspection	Complete
Encoder Housing Water Ingress	Maintenance Advisory	05 Apr 2010	HQS-OPS-ADV-PRS-006	Not Started
Equipment Hours In RMS	Maintenance Advisory	13 Apr 2010	No Job Created	
Fail Claw On PRS-4i Lifting Jaw Assembly	Maintenance Bulletin	08 Jan 2010	PRS Inspection	Complete
Fire Extinguisher Recall	Maintenance Advisory	17 Dec 2009	Inspect Kidde Fire Extinguishers	Complete
Fuel And Lubricating Oil Lines On Engine	Product Bulletin	16 Mar 2010	3216S064GB	In Progress
HP Piping Guideline Inspection	Product Bulletin	18 Sep 2009	No Job Created	
Liebherr Crane Main Hook Dead End Pin	Maintenance Advisory	13 Sep 2009	Upper Block Inspection	Complete
Maintenance And Repair Of Fairlead Equip	Maintenance Bulletin	13 Apr 2010	No Job Created	
MCC Lock-Out / Tag-Out For Maintenance	Maintenance Advisory	18 Mar 2010	HQS-OPS-ADV-MCC-001	Not Started
NAM Quick Share Beihai BD-AR106S Lifcbt	Marine Bulletin	15 Apr 2010	HQS-OPS-EAL-BOAT-007	Complete
Ruffnek MUX Connector	Maintenance Bulletin	29 Dec 2009	Seacon Ruffnek Mux Connector Test	Complete
SDXL Type Hand Slip Failures	Maintenance Bulletin	15 Apr 2010	HQS-OPS-AL-04	Not Started
TD Load Carry Comp Care, Hand Inspec	Product Bulletin	13 Apr 2010	No Job Created	

<u>Certificate</u>	<u>Agency</u>	<u>Renewal Date</u>	<u>Days Overdue</u>
Liferaft Annual Certificate	Transocean	02 Dec 2009	139
Liferaft Annual Certificate	Transocean	02 Dec 2009	139
Liferaft Annual Certificate	Transocean	15 Jan 2010	95
Liferaft Annual Certificate	Transocean	15 Jan 2010	95
Liferaft Annual Certificate	Transocean	15 Feb 2010	64
Liferaft Annual Certificate	Transocean	19 Feb 2010	60

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TRN-MDL-00077306



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Priority: High

<u>Job Description</u>	<u>Job Number</u>	<u>Craft</u>	<u>Start Date</u>	<u>Schedule Date</u>	<u>Days Since Part Request</u>
Replace regulators in dampers & bulk	1550038101552	Marine	22 Oct 2009	22 Jan 2009	453
Parts: REGULATOR, FILTER/LUBRICATOR 3-IN-1 1/4				FR: 5121010577	
REGULATOR, FILTER/LUBRICATOR 3-IN-1 1/4				FR: 5121010577	
<u>Job Description</u>	<u>Job Number</u>	<u>Craft</u>	<u>Start Date</u>	<u>Schedule Date</u>	<u>Days Since Part Request</u>
NUTS,BOLTS,PIPE FITTING ORDER FO	1550038101627	Mechanical	24 Oct 2009	24 Oct 2009	178
Parts: BUSHING, REDUCER, HEX, 3/8" NPTM X 1/4"				FR: 5121010611	
ELBOW, 90 DEG, 1/4" NPT, 3000 LB (SCH 80				FR: 5121010611	
ELL, PIPE STREET BLK STD 1/8"NPT 90DEG				FR: 5121010611	
<u>Job Description</u>	<u>Job Number</u>	<u>Craft</u>	<u>Start Date</u>	<u>Schedule Date</u>	<u>Days Since Part Request</u>
Replace shaft seal on #1 BLST PMP	1550038102170	Assistant Engineer	06 Nov 2009	06 Nov 2009	165
Parts: RING, TEFLON				FR: 5121011114	
O-RING CAC250-15 AAN V48 PUMP				FR: 5121011114	
O-RING CAC250-15 AAN V48 PUMP				FR: 5121011114	
SLEEVE, SHAFT, FOR KVAERNER EUREKA CENTR				FR: 5121011114	
COVER, BEARING				FR: 5121011115	
O-RING CAC250-15 AAN V48 PUMP				FR: 5121011114	
RING, TEFLON				FR: 5121011114	
CAPSCREW, HEXHEAD, M16 X 45, FOR BILGE B			** Cancelled **	FR: 5121011081	

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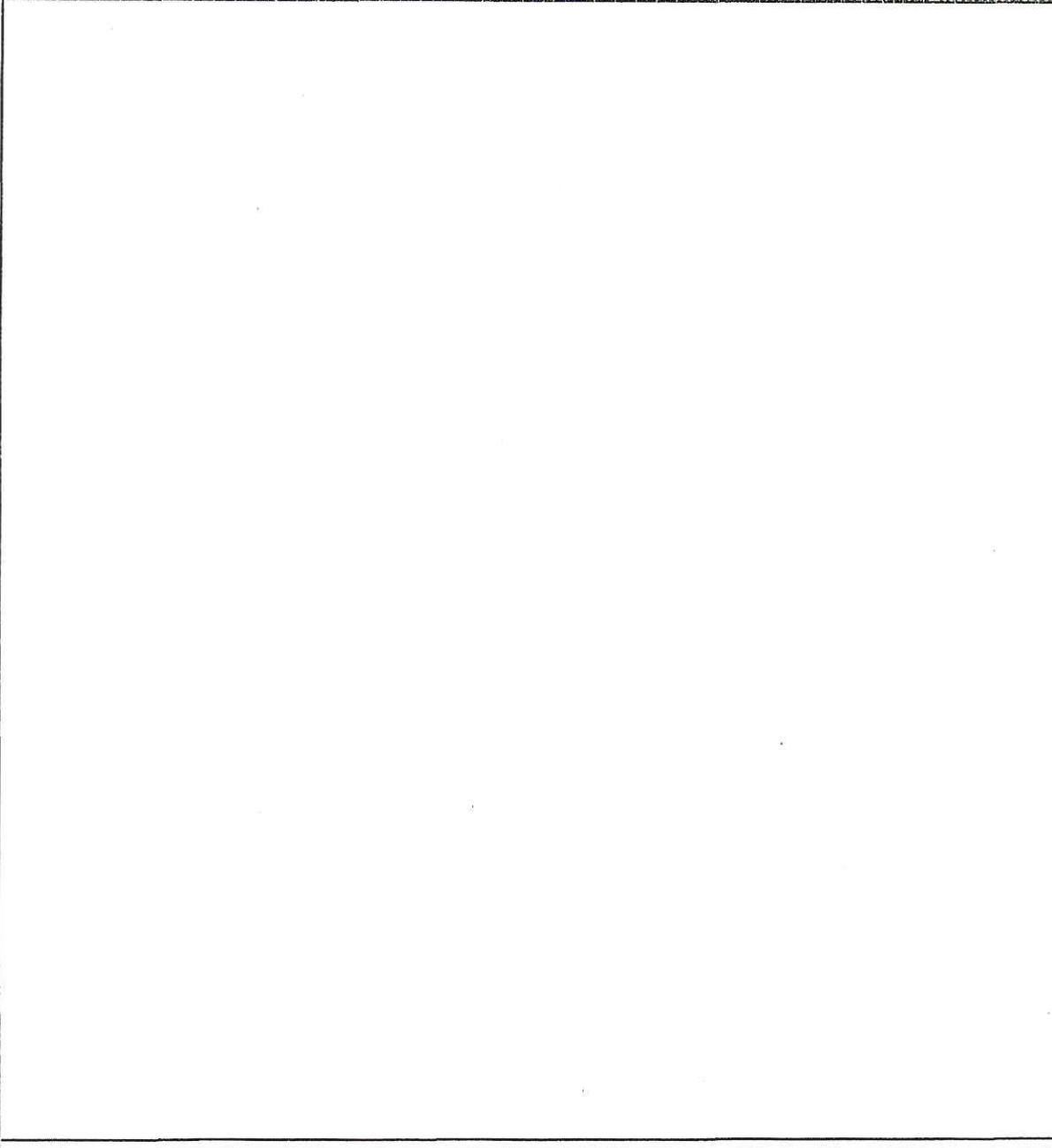
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Priority: Medium

<u>Job Description</u>	<u>Job Number</u>	<u>Craft</u>	<u>Start Date</u>	<u>Schedule Date</u>	<u>Days Since Part Request</u>
Rebuild SW service pump #2	1550038100134	Assistant Engineer	25 Sep 2009	25 Sep 2009	207
Parts: CUP, FLUID SEALING CAC250-15 AAN V48 PUM				FR: 5121010362	
SLEEVE, SHAFT, DRAWING # SU S2642001 VER				FR: 5121010362	
SEAL, MECHANICAL, LEFT, FOR SALT WATER S				FR: 5121010362	
RING, WEAR, FOR SALT WATER SERVICE PUMP,				FR: 5121010362	
NUT, LOCK, SIZE M12, FOR TYPE CB CENTRIF				FR: 5121010362	
RING, DISTANCE, DRAWING SU S2642001 VERT				FR: 5121010362	
CONE, CASING, DRAWING SU S2642001 VERTIC				FR: 5121010362	
O-RING, FOR SALT WATER SERVICE PUMP, KVE				FR: 5121010362	
STUD, M12 X 130 8.8 EZN, FOR TYPE CB CEN				FR: 5121010362	
DISC, DEFLECTOR, FOR SEAWATER SERVICE PUM				FR: 5121010362	
GASKET, FOR SALT WATER SERVICE PUMP				FR: 5121010362	
O-RING, FOR SALT WATER SERVICE PUMP, KVE				FR: 5121010362	
SEAL, MECHANICAL, RIGHT, FOR SALT WATER				FR: 5121010362	

<u>Job Description</u>	<u>Job Number</u>	<u>Craft</u>	<u>Start Date</u>	<u>Schedule Date</u>	<u>Days Since Part Request</u>
REBUILD SW SERVICE PUMP #3	1550038101989	Assistant Engineer	12 Mar 2010	03 Nov 2009	168
Parts: CUP, FLUID SEALING CAC250-15 AAN V48 PUM				FR: 5121010699	
KEY, COUPLING				FR: 5121010699	
SLEEVE, SHAFT, DRAWING # SU S2642001 VER				FR: 5121010699	
RING, WEAR, FOR SALT WATER SERVICE PUMP,				FR: 5121010699	
NUT, LOCK, SIZE M12, FOR TYPE CB CENTRIF				FR: 5121010699	
RING, DISTANCE, DRAWING SU S2642001 VERT				FR: 5121010699	
CONE, CASING, DRAWING SU S2642001 VERTIC				FR: 5121010699	
O-RING, FOR SALT WATER SERVICE PUMP, KVE				FR: 5121010699	
KEY, IMPELLER				FR: 5121010699	
STUD, M12 X 130 8.8 EZN, FOR TYPE CB CEN				FR: 5121010699	
PIN, PARALLEL				FR: 5121010699	
SHAFT, PUMP				FR: 5121010699	
SEAL, OIL, HAMWORTHY KSE/KVAERNER EUREKA				FR: 5121010699	
DISC, DEFLECTOR, FOR SEAWATER SERVICE PUM				FR: 5121010699	
SLEEVE, BRONZE, FOR SEAWATER SERVICE PUM				FR: 5121010699	
GASKET, FOR SALT WATER SERVICE PUMP				FR: 5121010699	
COVER, CASING CONE POS 13 C22BA SEA WATE				FR: 5121010699	
O-RING, FOR SALT WATER SERVICE PUMP, KVE				FR: 5121010699	

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TRN-MDL-00077309



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Priority: Low

High Priority: 76 Medium Priority: 21 Low Priority: 18

<u>Craft</u>	<u>Job Description</u>	<u>Days Overdue</u>	<u>Overdue Reason</u>
Priority: High			
Other Maintenance			
Assistant Engineer	3216S064GB	35	
Planned Maintenance			
Assistant Engineer	SPM05-Thruster-Service	121	
	SPM04-Main Engine-Checks	119	

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TRN-HCEC-00035573

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		<u>Days</u>	
<u>Craft</u>	<u>Job Description</u>	<u>Overdue</u>	<u>Overdue Reason</u>
Assistant Engineer	SPM04-Main Engine-Checks	119	
	SPM04-Main Engine-Checks	118	
	SPM04-Main Engine-Checks	118	
	SPM04-Main Engine-Checks	118	
	SPM02-PRV-Service	97	
	365 Day-Fluid Sample	68	
	SPM02-PIPE-LT Main Engine-Pressure Test	64	
	365 Day-Hydraulic Power Unit	57	
	365 Day-Hydraulic Power Unit	55	
	SPM02-Thruster-Lubrication	51	
	SPM 90 Day Maintenance	51	
	SPM01-Accumulator-Check	39	
	SPM01-Heat Exchanger-Inspection	37	
	SPM01-Heat Exchanger-Inspection	37	
Corrective Maintenance			
Assistant Engineer	REPLACE RIG SAVER GASKETS ON MGE6	166	
	Replace shaft seal on #1 BLST PMP	165	
	REPAIR WTD C204, STBD FWD 02 LEVEL	140	Waiting for rebuilt part (hydraulic cylinder) to return to rig.
	REPAIR FO TUBING, MGE1	97	
	#7 THR FW EXPANSION TANK LOW LEVEL SWITC	96	
	MGE #4 Expansion TK Gauge Glass	89	
	WTD 03 LEVEL, PORT AFT, PRESSURE SWITCH	89	
	REPAIR OVERSPEED ON #4 MAIN ENGINE/MD	87	
	Parts to rebuild FO pumps	74	
	Clean and reset oil mist detectors	64	
	main engines-send jerk pump for repair	51	
	Chem order	36	
Priority: Medium			
Planned Maintenance			
Assistant Engineer	RPM 365 Day - Internal Tank Inspectio	755	Tanks need to be cleaned out for inspection before this can take place. We are hoping to have this accomplished during our UWILD survey period.
	SPM02-TANK-Fuel Oil Storage-Inspection	96	
	SPM08-Pressure Set-Fluid Sample	68	

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		<u>Days</u>	
<u>Craft</u>	<u>Job Description</u>	<u>Overdue</u>	<u>Overdue Reason</u>
Assistant Engineer	SPM01-TANK-Fuel Oil Service-Inspection	66	
	SPM03-ACU-Air Cooled-Service	62	
	SPM04-ACU-Water Cooled-Inspection	62	
	180 Day-Filter, Pot Water Inline Fixed	61	
	SPM01-Air Conditioner Unit-Service	37	
	SPM01-Air Conditioner Unit-Service	37	
	SPM01-TANK-Fuel Oil Service-Inspection	36	
	SPM01-PMP-Centrifugal-Lubrication	34	
Corrective Maintenance			
Assistant Engineer	Rebuild SW service pump #2	207	
	REBUILD SW SERVICE PUMP #3	168	
	Water Testing	76	
	Clean tanks	75	
	Replace #2 Main SW pump suction	63	
Priority: Low			
Planned Maintenance			
Assistant Engineer	RPM 180 Day - Tank Sounding - 1 A/E /	162	
	SPM02-Air Handling Unit-Service	97	
	SPM02-TANK-Hull & Structure-Inspection	96	
	SPM02-PMP-Screw & Gear-Checks	58	
	SPM01-TANK-Hull & Structure-Inspection	41	
	SPM01-Instrumentation-Generic-Inspection	37	
Corrective Maintenance			
Assistant Engineer	Cleaning Thruster/Machinery Spaces	68	
	Tools for #1 cage	31	
Priority: High			
Planned Maintenance			
Chief/Rig Engineer	RPM 1825 Day - Auxillary Fresh Water C	257	
	RPM 730 Day - Testing Of Relief Valves	239	
	SPM04-PMP-Centrifugal-Inspection	97	
	SPM01-PMP-Screw & Gear-Inspection	97	
	SPM01-PMP-Screw & Gear-Inspection	97	

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		<u>Days</u>	
<u>Craft</u>	<u>Job Description</u>	<u>Overdue</u>	<u>Overdue Reason</u>
Chief/Rig Engineer	SPM04-PMP-Centrifugal-Inspection	97	
	SPM01-PMP-Screw & Gear-Inspection	97	
Corrective Maintenance			
Chief/Rig Engineer	Sm - Spare Pmg (Permanent Magnetic Gener	201	
	Replace the plate gaskets on cooler	141	
	24000 HR Engine PM Parts	110	
	Wartsila Service Tech for 24K PM on 1&4	110	
	Repair And Return Governor Actuators	78	
	Remove and replace F.O. line on MGE#5	32	
Priority: Medium			
Planned Maintenance			
Chief/Rig Engineer	RPM 365 Day - Internal Tank Inspectio	390	
	RPM 365 Day - Internal Tank Inspectio	277	
	RPM 365 Day - Internal Tank Inspectio	268	
	RPM 365 Day - Pump Relief Valve Inspec	239	
	RPM 365 Day - Pump Relief Valve Inspec	239	
	RPM 365 Day - Abs Tcst Pump Relief Val	239	
	RPM 365 Day - Sperre Compressor Servic	199	
	RPM 180 Day - Swbd Ac Units (8 Total)	158	
	RPM 365 Day - Water Heater Flush Out/I	157	
	SPM02-Air Dryer-Overhaul	97	
	RPM 365 Day - Sperre Compressor Servic	71	
	RPM 90 Day - D O X-Fer Pumps (All 4)	69	
	RPM 365 Day - Rehardening Filter Check	69	
	RPM 365 Day - Dechlorinator Unit Check	69	
Corrective Maintenance			
Chief/Rig Engineer	Ordering metric flanges for pump rooms	76	
Upgrade Maintenance			
Chief/Rig Engineer	2008 Project - Sw Pump Rotor Unit For Di	201	
Priority: Low			
Planned Maintenance			
Chief/Rig Engineer	RPM 365 Day - Abs Transfer Pumps Check	273	

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		<u>Days</u>	
<u>Craft</u>	<u>Job Description</u>	<u>Overdue</u>	<u>Overdue Reason</u>
Chief/Rig Engineer	RPM 365 Day - Abs Transfer Pumps Check	273	
	RPM 365 Day - Abs Transfer Pumps Check	273	
	RPM 365 Day - Abs Transfer Pumps Check	239	
	SPM02-Air Dryer-Overhaul	97	
	SPM02-Air Dryer-Overhaul	97	
	SPM02-Air Dryer-Overhaul	97	
Priority: High			
Corrective Maintenance			
Crane Op	Remove Seal And Overhead Glass In Crane	170	
	Crane bolts for spelter sockets	110	
Upgrade Maintenance			
Crane Op	slings order	162	
Priority: Low			
Corrective Maintenance			
Crane Op	Order mail bags	38	
Priority: High			
Other Maintenance			
Drilling	3rd party to inspect auto IBOP riano	51	
Corrective Maintenance			
Drilling	Send In Auto Ibop Due To Failing Inspect	110	Awaiting Parts
	KELLY HOSE GASKET	86	
	REPLACE BROKEN MICS TO HANDHELD'S	39	
Priority: Medium			
Other Maintenance			
Drilling	ORDER DISCHARGE SCREEN FOR MUD PUMPS	131	Awaiting on parts.
Planned Maintenance			

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			<u>Days</u>	
<u>Craft</u>	<u>Job Description</u>		<u>Overdue</u>	<u>Overdue Reason</u>
Drilling	SPM01-TANK-Mud Process Pits-Inspection		67	
	SPM01-TANK-Mud Process Pits-Inspection		37	
Corrective Maintenance				
Drilling	CHANGE OUT FLOW LINE VALVES		36	
	REPLACE FLANGE ASSEMBLY		130	Awaiting Parts
	ORDER DISCHARGE STRAINERS		55	
	Replace stud on lockdown dog on 4 shaker		32	
Priority: Low				
Corrective Maintenance				
Drilling	Need to replace broke hand tools.		43	
Priority: High				
Non Maintenance				
Electrical	ANNUAL CERTIFICATION FOR PERSONNEL ELEVA		243	
Planned Maintenance				
Electrical	SPM12-Main Engine-Checks		220	
	SPM12-Main Engine-Checks		265	
	SPM12-Main Engine-Checks		266	
Corrective Maintenance				
Electrical	T/S multi-cable transit in SA UT -Muisse		185	
	Hqs-Ops-Adv-948-003 - National Oilwell V		111	
	ABB Motor Specialist for T-2		79	
	REPLACE BATTERIES IN UPS FOR SWBD #6 JC		78	
	PORTABLE LIGHT NEEDED. JC		68	
	band cable on adcp J-box		55	
	REPLACE BATTERIES * SEE NOTES * JC		40	
Priority: Medium				
Other Maintenance				
Electrical	HQS-OPS-ADV-MCC-001		33	

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Planned Maintenance			
Electrical	SPM04-Switchboard-Inspection	97	
	SPM02-Switchboard-MCC-Service	97	
Corrective Maintenance			
Electrical	2008 Project - Maintenance Department Wo	113	
	Order Fans For The Rig Floor **See Notes	111	
	REPAIR RESERVE MUD TANK AGITATOR MOTORS	65	
Upgrade Maintenance			
Electrical	2009 Project - Replacement Dc Power Capa	111	
Priority: Low			
Corrective Maintenance			
Electrical	CALIBRATE MILLIOHM METER JC	39	
Priority: High			
Corrective Maintenance			
Electrical Supervisr	Fugro tech and rental unit for ADCP		51 Our unit is not repairable and the asset manager expects to put a new unit on the 2011 budget. We will have to continue to pay rent against this job until a new unit is obtained.
Priority: Low			
Corrective Maintenance			
Electrical Supervisr	Need to order computer	118	
Priority: High			
Planned Maintenance			
Electronics	SPM05-CTRU-Fire Detection-Ft Test	83	

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<u>Craft</u>	<u>Job Description</u>	<u>Days</u> <u>Overdue</u>	<u>Overdue Reason</u>
Corrective Maintenance			
Electronics	Safety-Install safety clamps on cctv cam	146	
	Send module in for repair and return	145	
	Rig Move - Investigate Cause For Flashin	110	
	Rcpair load reading on stbd crane main	109	
	Return and repair EX-285 camera	79	
	Troubleshoot & Repair ASH-172818	72	
	Troubleshoot & Repair ASH-172E18	72	
	Install smoke detector in ROV Work Van	69	
	Crane load cell repair and return	53	
Relpace Pressure Transducer.	48		
Priority: Low			
Planned Maintenance			
Electronics	SPM06-Server Pack-Service	32	
Corrective Maintenance			
Electronics	Trouble Shoot Repair Brine Valves	110	
Priority: Medium			
Corrective Maintenance			
HSE/STC	Rebuild SW service Pump #4	207	
Priority: High			
Non Maintenance			
Marine	ABS Annual Inspection Fees	470	
	Order Acrial flares	109	
Planned Maintenance			
Marine	SPM04-STRU-Semi-Submersible-Inspection	51	
	SPM04-STRU-Semi-Submersible-Inspection	51	
	SPM04-STRU-Semi-Submersible-Inspection	51	
	SPM04-STRU-Semi-Submersible-Inspection	51	
	SPM04-STRU-Semi-Submersible-Inspection	51	

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Marine	SPM04-STRU-Semi-Submersible-Inspection	51	
	SPM04-STRU-Semi-Submersible-Inspection	51	
Corrective Maintenance			
Marine	Replace regulators in dampers & bulk	453	
	Replace door closers on doors	81	
	Order Gaskets for HiPap	51	
Priority: Medium			
Other Maintenance			
Marine	Replacement Hoses & TODO Valves - Rebill	42	
Planned Maintenance			
Marine	SPM02-Bulk Storage Tank-Inspection	97	
	SPM02-Bulk Storage Tank-Inspection	97	
	SPM02-Bulk Storage Tank-Inspection	70	
	SPM02-Bulk Storage Tank-Inspection	70	
Priority: High			
Planned Maintenance			
Mechanical	365 Day-Deck Crane Ndt	104	
	365 Day-Deck Crane Ndt	104	
	RPM 180 Day Ndt Inspection - Use Dye P	64	
	365 Day-Drawworks Ndt	62	
	RPM 30 Day D O C Survey Mechanic	45	
Corrective Maintenance			
Mechanical	Order And Install New Lanyards For Jaws	201	
	NUTS,BOLTS,PIPE FITTING ORDER FOR RIG	178	
	order metal for welders J.I	113	
	Repair Spare Positioner Assembly	110	
	R&R BASE OIL VALVE PORT FOR "1" LEVEL	79	
	stbd crane-replace slew bolts	51	
	Casing rotator-replace aft hyd motor	51	
	port crane-slew ring bolts	51	
	ORDER BOLTS,NUTS,WASHERS REPLENISH RIG	40	

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<u>Craft</u>	<u>Job Description</u>	<u>Days</u>	<u>Overdue</u> <u>Overdue Reason</u>
Mechanical	NUTS,BOLTS,PIPE FITTING ORDER FOR RIG	34	
Priority: Medium			
Corrective Maintenance			
Mechanical	Replace 2nd stage relief valve j.i	54	
	REPLACE VLV ON STAGE 2	115	
Priority: High			
Corrective Maintenance			
Mechanical Superv	Rebuild and return linear actuator	152	
Priority: Low			
Non Maintenance			
Medic	New Tvs for Clinic, Captain, RSTC	38	
	Respiratory fit testing	32	
Corrective Maintenance			
Medic	ORDERING HOSPITAL SUPPLIES	100	
Priority: High			
Corrective Maintenance			
Toolpusher	SEND IN 9 1/2" D.C. FOR INSPECTION	145	
Priority: Low			
Corrective Maintenance			
Toolpusher	2010 Project - Change Out Exhausted Spoo	110	NEED TO EXTEND OUT DUE DATE SO JOB DOES NOT COME UP AS OVER DUE WHILE WAITING ON NEW SPOOL TO ARRIVE.

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCEC-00035582

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TRN-MDL-00077319



RMS II Morning Report
Rig: Deepwater Horizon
19 Apr 2010

Date: 20 Apr 2010
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<u>Craft</u>	<u>Job Description</u>	<u>Days Overdue</u>	<u>Overdue Reason</u>
Priority: High			
Non Maintenance			
Welder	TOOLS AND SUPPLY NEEDED FOR WELDER	32	
Corrective Maintenance			
Welder	Need Pegs On Wall For Rams	201	
	Fab brackets for IALA antennae -Muise	125	
	FLANGES NEEDED FOR GENERAL USE	67	
	Replacc boom Lacing Port Cranc	51	
Upgrade Maintenance			
Welder	2007 Project - Rig Floor Palfinger Crane	111	
Priority: Medium			
Corrective Maintenance			
Welder	Install guides for helifuel tanks	202	
	Fabricate Spool Piece For 6" Cement Bulk	201	
	FABRICATE 2" LINE AT WILDEN PUMP SUCTION	170	
	Install 3" Clean Out In Cement Hopper Ve	117	
Upgrade Maintenance			
Welder	FABRICATE CHEMICAL LINES AT SHEAR HOPPER	51	
Priority: Low			
Corrective Maintenance			
Welder	plasma cutter	51	
Priority: High			
Other Maintenance			
Well Control	Loaner nitrogen pump sent to the din OM	39	
Planned Maintenance			
Well Control	365 Day-Riser Tensioner Ndt	101	

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TRN-HCEC-00035583

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TRN-MDL-00077320



RMS II Morning Report
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<u>Craft</u>	<u>Job Description</u>	<u>Days</u> <u>Overdue</u> <u>Overdue Reason</u>
Well Control	RPM 1825 Days - Perform Rated Load Tes	269 THIS P.M. WAS ATTEMPTED BY HADCO. WEIGHT TESTING BAGS WERE HUNG ON BOP CRANE AND FILLED WITH WATER. BEFORE ENOUGH WATER WAS PUT IN THE BAGS, WE RAN OUT OF ROOM IN THE BOP HOUSE. WILL HAVE TO COME UP WITH ANOTHER WAY TO LOAD TEST THIS CRANE. WIRE LINES GET CHANGED OUT ONCE PER YEAR AS PER RIG SPECIFIC POLICY. O.MC. 02/21/09EMPAC WORK ORDER NO : 8706-004951-000 WAITING ON QUOTES 05/18/2009 06:52:25 HADCO WORKING UP QUOTES FOR THIS JOB. PLAN TO ATTEMPT THIS TEST AGAIN DURING THE 2009 UWILD. O.MC, 05/18/09 EMPAC WORK ORDER NO : 8706-004951-000 STILL WORKING ON PLAN 07/13/2009 11:53:51 AS OF 07/13/09 WE STILL DON'T HAVE A ROCK SOLID PLAN ON HOW TO PERFORM THE LOAD TEST. I STRONGLY DISAGREE WITH HANGING WATER BAGS ON THE BOTTOM OF THE BOP. O.M. 07/13/09 WILL ATTEMPT TO COMPLETE THIS PM AGAIN DURING THE RIG OUT OF SERVICE PERIOD. O.MC.

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TRN-HCEC-00035584

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TRN-MDL-00077321



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<u>Craft</u>	<u>Job Description</u>	<u>Days Overdue</u>	<u>Overdue Reason</u>
Well Control	RPM 730 Day - Testing Of Relief Valves	211	REPLACEMENT VALVES ORDERED ON JOB # 107909 TO CHANGE OUT THESE VALVES AND HAVE RECERTIFIED.
	365 Day-Ram Bop Ndt	98	
	365 Day-Spider/Gimbal Ndt	98	
Corrective Maintenance			
Well Control	RE-BILL BP HANDLING TOOL FOR KT RING	165	KT RING HANDLING TOOL IS NOT COMPLETE
	FITTINGS FOR KT-RING AND SS SHOP	118	
	OVERHAUL TWO 28" SUPER SHEAR BONNETS	96	
	REPAIR KITS FOR 3/4" REGULATOR	53	
	ASSEMBLY CABLE FOR FLOW METER	34	
Upgrade Maintenance			
Well Control	INSTALL TENSIONER SIGHT GLASSES	143	SIGHT GLASS INSTALLATION NOT COMPLETE
	2009 Project - Lmrp Coflexip Jumper Hose	64	
Priority: Medium			
Corrective Maintenance			
Well Control	REPAIR CMT MANIFOLD VALVES	135	PARTS HAVE NOT ARRIVED
Total Estimated Hours			2,761.50

No equipment out of service.

<u>Tag Description</u>	<u>Check Description</u>	<u>Reading</u>	<u>Upper</u>	<u>Lower</u>
Crane #1 Port	Operators Cab Window Wiper	Fail	Undefined	Undefined
Crane #1 Port	Operators Cab Window Wiper	Fail	Undefined	Undefined
Crane #1 Port	Operators Cab Window Wiper	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined

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TRN-MDL-00077322



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<u>Tag Description</u>	<u>Check Description</u>	<u>Reading</u>	<u>Upper</u>	<u>Lower</u>
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Doors/Latches	Fail	Undefined	Undefined
Crane #2 Stbd	Operator's Cab Seat	Fail	Undefined	Undefined
Crane #2 Stbd	Operators Cab Window Wiper	Fail	Undefined	Undefined
Crane #2 Stbd	Operators Cab Window Wiper	Fail	Undefined	Undefined
Crane #2 Stbd	Operators Cab Window Wiper	Fail	Undefined	Undefined
Crane #2 Stbd	Weight Indicator	Fail	Undefined	Undefined
Crane #2 Stbd Engine	check lube oil level	Fail	0.000	0.000
Riser Overhead Bridge Crane	Winch Synchronization	Fail	Undefined	Undefined
Riser Overhead Bridge Crane	Winch Synchronization	Fail	Undefined	Undefined
Riser Overhead Bridge Crane	Winch Synchronization	Fail	Undefined	Undefined
Riser Overhead Bridge Crane	Winch Synchronization	Fail	Undefined	Undefined
Riser Overhead Bridge Crane	Winch Synchronization	Fail	Undefined	Undefined
Riser Overhead Bridge Crane	Winch Synchronization	Fail	Undefined	Undefined
Riser Overhead Bridge Crane	Winch Synchronization	Fail	Undefined	Undefined
Riser Overhead Bridge Crane	Winch Synchronization	Fail	Undefined	Undefined
Riser Overhead Bridge Crane	Winch Wires and Hooks	Fail	Undefined	Undefined
No inhibits recorded.				
No audits with open tasks.				

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TRN-HCEC-00035586

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TRN-MDL-00077323

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<u>Job Description</u>	<u>Craft</u>	<u>JDR Num</u>	<u>Renewal</u>	<u>Sched Date</u>	<u>Req Date</u>	<u>Status</u>
2010 Project - Change Out Exhausted Spoo	Toolpusher	1550038000046	0	31-Dec-2009	01-Apr-2010	Expired
2010 Project - Change Out Exhausted Spoo	Toolpusher	1550038000046	1	31-Dec-2009	01-Jun-2010	Approved
Fugro tech and rental unit for ADCP	Electrical Sup	1550038000059	0	28-Feb-2010	30-Jun-2011	Pending
INSTALL TENSIONER SIGHT GLASSES	Well Control	1550038000064	0	28-Nov-2009	12-Apr-2010	Expired
INSTALL TENSIONER SIGHT GLASSES	Well Control	1550038000064	1	28-Nov-2009	30-Jun-2011	Pending
ORDER DISCHARGE SCREEN FOR MUD PUMP	Drilling	1550038000040	0	10-Dec-2009	11-Mar-2010	Expired
RE-BILL BP HANDLING TOOL FOR KT RING	Well Control	1550038000063	0	06-Nov-2009	12-Apr-2010	Expired
RE-BILL BP HANDLING TOOL FOR KT RING	Well Control	1550038000063	1	06-Nov-2009	31-Jul-2010	Pending
REBUILD LOCKING PIN FOR SDC RING	Well Control	1550038000066	0	15-Jul-2010	30-Jul-2011	Pending
REPAIR CMT MANIFOLD VALVES	Well Control	1550038000065	0	06-Dec-2009	12-Apr-2010	Expired
REPAIR CMT MANIFOLD VALVES	Well Control	1550038000065	1	06-Dec-2009	30-Jul-2010	Pending
REPAIR WID C204, STBD FWD 02 LEVEL	Assistant Engi	1550038000037	0	01-Dec-2009	01-Feb-2010	Expired
REPLACE FLANGE ASSEMBLY	Drilling	1550038000041	0	11-Dec-2009	12-Mar-2010	Expired
RPM 1825 Days - Perform Rated Load Tes	Well Control	1550038000061	0	25-Jul-2009	30-Jun-2011	Pending
RPM 365 Day - Internal Tank Inspectio	Assistant Engi	1550038000009	0	26-Mar-2008	31-Oct-2009	Expired
RPM 730 Day - Testing Of Relief Valves	Well Control	1550038000062	0	21-Sep-2009	12-Apr-2010	Expired
RPM 730 Day - Testing Of Relief Valves	Well Control	1550038000062	1	21-Sep-2009	30-Jun-2011	Declined
SEND IN 8 1/4" D.C. FOR INSPECTION	Toolpusher	1550038000060	0	04-Apr-2010	31-Oct-2010	Pending
Send In Auto Itop Due To Failing Inspect	Drilling	1550038000044	0	31-Dec-2009	04-Feb-2010	Expired

<u>Overdue</u>	<u>Certification Name</u>	<u>Commencement</u>	<u>Agency</u>	<u>Due Date</u>	<u>Certification Comments</u>
N/A	Safety Management Certificate	16 Feb 2010	DNV	16-May-2010	D24037/070711F
N/A	INTERNATIONAL LOADLINE	28 Feb 2010	ABS	28-May-2010	0139290-715055-002
N/A	IOPP CERTIFICATE	28 Feb 2010	ABS	28-May-2010	0139290-916868-001
N/A	DPS Document - MSC/Circ 645	28 Feb 2010	ABS	28-May-2010	0139290-669370-007

Last REL Load Date : 17 March 2010 10:17:43AM

Last REL Extract Date : 20 April 2010 6:05:55AM

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TRN-MDL-00077324



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Rev Date 12-01-09

Deepwater Horizon - BP CMID Audit Work list September 2009

1 MONTH or less

Ref		CMID Ref		NO Action	In progress	Asset Acceptance or / Change
Ref		CMID Ref		Recommendation	Audit Team Advised Completion	Asset Acceptance or / Change
14.1	13.3			Port aft quadrant watertight dampers to be made operational. Note closed when tested. BP Marine Standard	Before start of drilling	Accept
14.2	13.4			Onshore software services and related systems to be made operational. Note closed when tested. BP Marine Standard	Before start of drilling	Accept
14.3	13.7			Port forward port aft and starboard forward electric bilge pumps to be made operational. Note bilge systems are defective and pumps could not reduce the bilges. BP Marine Standard	Before start of drilling	Accept

—

5.

1.4.4	15.7	Rectify defective emergency bilge suction check valves in the port forward ballast pump room and starboard aft ballast pump room which leaked during flow back tests BP Marine Standard	Before start of drilling	Accept
		15.8	15.8	Accept
1.4.6	15.12	the port aft (PB) pumps for the ballast valve/waterlight/damper solenoid cabinet are running continuously. Defects to be investigated and rectified. BP Marine Standard	Before start of drilling	Accept
2.4.1	2.4	The remote thruster emergency stops were tested and several deficiencies were identified. All non functional emergency thruster stops to be investigated and rectified	Within one month	Accept
2.4.2	2.4	The communication error in the Port H/PAC to be rectified		
		2.4.3	2.4.3	Accept
		2.4.4	2.4.4	Accept
		2.4.5	2.4.5	Accept
		2.4.6	2.4.6	Accept
		2.4.7	2.4.7	Accept
		2.4.8	2.4.8	Accept
		2.4.9	2.4.9	Accept
		2.4.10	2.4.10	Accept
		2.4.11	2.4.11	Accept
		2.4.12	2.4.12	Accept
		2.4.13	2.4.13	Accept
		2.4.14	2.4.14	Accept
		2.4.15	2.4.15	Accept
		2.4.16	2.4.16	Accept
		2.4.17	2.4.17	Accept
		2.4.18	2.4.18	Accept
		2.4.19	2.4.19	Accept
		2.4.20	2.4.20	Accept
		2.4.21	2.4.21	Accept
		2.4.22	2.4.22	Accept
		2.4.23	2.4.23	Accept
		2.4.24	2.4.24	Accept
		2.4.25	2.4.25	Accept
		2.4.26	2.4.26	Accept
		2.4.27	2.4.27	Accept
		2.4.28	2.4.28	Accept
		2.4.29	2.4.29	Accept
		2.4.30	2.4.30	Accept
		2.4.31	2.4.31	Accept
		2.4.32	2.4.32	Accept
		2.4.33	2.4.33	Accept
		2.4.34	2.4.34	Accept
		2.4.35	2.4.35	Accept
		2.4.36	2.4.36	Accept
		2.4.37	2.4.37	Accept
		2.4.38	2.4.38	Accept
		2.4.39	2.4.39	Accept
		2.4.40	2.4.40	Accept
		2.4.41	2.4.41	Accept
		2.4.42	2.4.42	Accept
		2.4.43	2.4.43	Accept
		2.4.44	2.4.44	Accept
		2.4.45	2.4.45	Accept
		2.4.46	2.4.46	Accept
		2.4.47	2.4.47	Accept
		2.4.48	2.4.48	Accept
		2.4.49	2.4.49	Accept
		2.4.50	2.4.50	Accept
		2.4.51	2.4.51	Accept
		2.4.52	2.4.52	Accept
		2.4.53	2.4.53	Accept
		2.4.54	2.4.54	Accept
		2.4.55	2.4.55	Accept
		2.4.56	2.4.56	Accept
		2.4.57	2.4.57	Accept
		2.4.58	2.4.58	Accept
		2.4.59	2.4.59	Accept
		2.4.60	2.4.60	Accept
		2.4.61	2.4.61	Accept
		2.4.62	2.4.62	Accept
		2.4.63	2.4.63	Accept
		2.4.64	2.4.64	Accept
		2.4.65	2.4.65	Accept
		2.4.66	2.4.66	Accept
		2.4.67	2.4.67	Accept
		2.4.68	2.4.68	Accept
		2.4.69	2.4.69	Accept
		2.4.70	2.4.70	Accept
		2.4.71	2.4.71	Accept
		2.4.72	2.4.72	Accept
		2.4.73	2.4.73	Accept
		2.4.74	2.4.74	Accept
		2.4.75	2.4.75	Accept
		2.4.76	2.4.76	Accept
		2.4.77	2.4.77	Accept
		2.4.78	2.4.78	Accept
		2.4.79	2.4.79	Accept
		2.4.80	2.4.80	Accept
		2.4.81	2.4.81	Accept
		2.4.82	2.4.82	Accept
		2.4.83	2.4.83	Accept
		2.4.84	2.4.84	Accept
		2.4.85	2.4.85	Accept
		2.4.86	2.4.86	Accept
		2.4.87	2.4.87	Accept
		2.4.88	2.4.88	Accept
		2.4.89	2.4.89	Accept
		2.4.90	2.4.90	Accept
		2.4.91	2.4.91	Accept
		2.4.92	2.4.92	Accept
		2.4.93	2.4.93	Accept
		2.4.94	2.4.94	Accept
		2.4.95	2.4.95	Accept
		2.4.96	2.4.96	Accept
		2.4.97	2.4.97	Accept
		2.4.98	2.4.98	Accept
		2.4.99	2.4.99	Accept
		2.4.100	2.4.100	Accept

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Chief Mate	All check valves have been repaired	Complete 10/05/2009	Continued during Rodriguez's visit on 10/20/08
Electrician	<p>Power distribution in the engine room is still having trouble with some of the E-Stops. The E-Stops will be replaced with new ones.</p> <p>Voltage regulators on the generator are being replaced.</p>	Complete	
First Engineer	All leaks have been repaired and pumps calibrated	Complete	
Electrical Supervisor	<p>E-Stop T-3 from Bridge, T-5 from ECR. Awaiting quote from Kongsberg. E-Stops are functional, once inflated the panel has to be removed to reset the switch. Additional switches will be ordered.</p>	Complete	
Electrician	Completed	9/3/2009	R Cox
Electrician	<p>Work is being done in the engine room. The E-Stops will be replaced with new ones. The E-Stops will be replaced with new ones.</p>		

TRN-MDL-00374744

First Officer	and recommended space all alarms be replaced by the JMS on 10/20/09	Complete	
Chief Mate	Bill Completed	Complete	
First Engineer	JOB # 099548 Mechanical seal has been repaired and the pump is fully operational	Complete 12/2/09	
Electrical Supervisor	Replaced smoke detectors and cleared alarms this is a continuous maintenance item with over 400 detectors there are always detectors in need of maintenance	Complete 12/1/09	
Chief Mate	A Assembly activated dampers have been repaired	Complete	Confirmed during A Rodrigue 21 Visit on 10/20/09
Chief Mate	Reviewed daily in Pre- tour meetings and weekly departmental safety meetings of the importance of closing the doors	Complete 12/1/09	
Electrical Supervisor		Completed 11/20/09	

Captain	System will remain at 600 seconds	Complete 27 Oct
First Engineer	P13 and 18 WTD accumulators have been repaired	Complete 10/27/09
Maintenance Supervisor	All ships spares for the WTDs have been reviewed and adjusted as needed	Complete 12/1/09
First Engineer	Parts and materials delivered to the ship 10/27/09	
Captain	All water tight doors have operating instructions and warning signs posted on both sides of the door	Complete 10/27/09
First Engineer	Parts onboard awaiting installation. 2 units recharged. 45 thruster rad pump rebuilt. 1 pump waiting on parts 10/27/09	Complete 11/07/09
First Engineer	Parts and materials delivered to the ship 10/27/09	

First Engineer	Estimated completion of 12/25/09. Parts are onboard the rig and the Wartsila technicians should be on the rig 12/07/09
Electrician	With 12/07/09
Mechanics	Investigate and repair
First Assistant	Investigate and repair
Second Assistant	Investigate and repair
Third Assistant	Investigate and repair
Fourth Assistant	Investigate and repair
Fifth Assistant	Investigate and repair
Sixth Assistant	Investigate and repair
Seventh Assistant	Investigate and repair
Eighth Assistant	Investigate and repair
Ninth Assistant	Investigate and repair
Tenth Assistant	Investigate and repair
Maintenance Supervisor	There are parts available to rebuild pump onboard the rig and HAMMORTH has started to stock all parts needed to overhaul 1 pump in their facility in Florida
Logistics	Overhaul 1 pump in their facility in Florida
Supply	Overhaul 1 pump in their facility in Florida
Inventory	Overhaul 1 pump in their facility in Florida
Procurement	Overhaul 1 pump in their facility in Florida
Quality Control	Overhaul 1 pump in their facility in Florida
Health and Safety	Overhaul 1 pump in their facility in Florida
Environmental	Overhaul 1 pump in their facility in Florida
Regulatory	Overhaul 1 pump in their facility in Florida
Compliance	Overhaul 1 pump in their facility in Florida
Documentation	Overhaul 1 pump in their facility in Florida
Reporting	Overhaul 1 pump in their facility in Florida
Communication	Overhaul 1 pump in their facility in Florida
Coordination	Overhaul 1 pump in their facility in Florida
Collaboration	Overhaul 1 pump in their facility in Florida
Teamwork	Overhaul 1 pump in their facility in Florida
Leadership	Overhaul 1 pump in their facility in Florida
Management	Overhaul 1 pump in their facility in Florida
Administration	Overhaul 1 pump in their facility in Florida
Finance	Overhaul 1 pump in their facility in Florida
Human Resources	Overhaul 1 pump in their facility in Florida
Information Technology	Overhaul 1 pump in their facility in Florida
Legal	Overhaul 1 pump in their facility in Florida
Marketing	Overhaul 1 pump in their facility in Florida
Operations	Overhaul 1 pump in their facility in Florida
Production	Overhaul 1 pump in their facility in Florida
Research and Development	Overhaul 1 pump in their facility in Florida
Sales	Overhaul 1 pump in their facility in Florida
Service	Overhaul 1 pump in their facility in Florida
Support	Overhaul 1 pump in their facility in Florida
Training	Overhaul 1 pump in their facility in Florida
Transportation	Overhaul 1 pump in their facility in Florida
Utilities	Overhaul 1 pump in their facility in Florida
Warehouse	Overhaul 1 pump in their facility in Florida
Workshop	Overhaul 1 pump in their facility in Florida

100%

9/13/2009	R. Cox
9/14/2009	R. Cox

3.4.6	2.4	The Printer logic for alarm/event printing requires review as the there are inconsistencies in the print management. The printer should be able to be used from all DP OS stations	Within one month	Under Review
	2.5	The status of the outstanding technical concerns register should be provided to BP relating to the FMECA	Within two months	Under Review
	2.6	Non-compliances were identified in the recent findings concerning the fire alarm and power management. A full audit is to be conducted to assess the status of the fire alarm and power management.	Within two months	Under Review
3.4.8	5.1	Actions arising from the ISM audit were combined with the ISPS and PMAA audit findings and recorded within FOCUS under a common heading (PMAA audit). It was not possible to identify specific ISM audit actions. Individual audit findings particularly those relating to Statutory audits to be separately tagged in FOCUS	Within one month	Under Review
	10.12	The Plans contained within the SOLAS fire tube to be reviewed and replaced as required with the latest fire control plans	Within one month	Accept
	10.2.10	Following the annual fire control water tight door operation check, a full audit may be required to ensure the passage of the fire door is watertight	Within one month	Accept

Electrical Supervisors	Issue has been contacted all DP OS stations have the ability to print to the alarm/event printer.	Complete 12/1/2009
Electrical Supervisors	Rig Move. Still have to verify that we have the cable on board to replace the run that simrad did.	
	Discussion with rig management concerning release of FMECA. MOC MA-042 submitted for technical assistance from TOI Field Support and engineering.	
ASCC	Alarm to will be complete as soon as signature available complete	
Rig Management	Under Review	
Chief Mate	SOLAS approved plans printed out and placed in tubes	Complete 27 Oct
Chief Mate	Chief Investigator signature required 100%	

Chief Mate	PM completed	Complete 26 Oct
Electrical Supervisor	Replaced smoke detectors and cleared alarms this is a continuous maintenance item with over 400 detectors there are always detectors in need of maintenance	Complete 12/1/09
Engineer	Maintained and replaced smoke detectors	
Chief Engineer	Completed maintenance on all machinery and systems	
Captain	Just completed our yearly GMDSS Survey with no deficiencies noted	Complete 10/27/09
Captain	Just completed our yearly GMDSS Survey with no deficiencies noted	Complete 10/27/09
First Engineer	Ongoing Maintenance	Complete 10/27/09
First Mate	Completed maintenance on all machinery and systems	

3.4.19	15.1	Replace/repair defective seawater pump #6, the pump is washed out.	Within one month	Accept
3.4.20	15.1	Replace the leaking bottom casing seal on seawater pump #7.	Within one month	Accept
3.4.21	15.1	Investigate and rectify the problem with seawater pump #8. The pump runs out on over current.	Within one month	Accept
3.4.22	15.1	Replace the leaking mechanical seal on drill water pump #4.	Within one month	Accept
3.4.23	15.1	Replace the defective motor on seawater pump #4.	Within one month	Accept
3.4.24	15.1	Replace the defective mechanical seal on seawater pump #2.	Within one month	Accept
3.4.25	15.1	Replace the defective mechanical seal on seawater pump #3.	Within one month	Accept
3.4.26	15.1	Replace the missing priming unit on seawater pump #6.	Within one month	Under Review
3.4.27	15.1	Install new electric drive motor on main engine #2 at star compressor.	Within one month	Accept
3.4.28	15.1	Replace the defective main engine #2.	Within one month	Accept

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First Engineer	Pump rebuilt	Complete 09/25/09	Confirmed during A Rodriguez visit on 10/20/09
First Engineer	Pump rebuilt	Complete 10/22/09	
First Engineer	Pump was online by itself during LWL D. It was overboard. Pump is fine and fully operational	Complete 09/25/09	Confirmed during A Rodriguez visit on 10/20/09
First Engineer	Repaired JCB# 1590036 102599	Complete	
Electrical Supervisor	Motor has been replaced	Complete	
First Engineer	Engine room and generator replaced		
Electrical Supervisor	Water pump and the engine room replaced with new motor		
First Engineer	The seawater pumps do not have priming units. As the pump has a positive head a priming unit is redundant		
Electrical Supervisor	New motor installed and operational	Complete 10/25/09	

3.4.29	15.1	Replace/repair the port forward ballast pump suction valve actuator.	Within one month	Accept
	15.1	Reinstate the missing valve actuators on seawater pump #5 suction valves.	Within one month	Accept
3.4.31	15.1	Make permanent repairs to the temporary repaired jacket water inlet speed piece to main engine #4 heat exchanger.	Within two months	Accept
3.4.32	15.7	Reinstate routine checks in RMSJ for verifying integrity (flow back checks) of emergency bilge suction check valves	Within three months	
	15.8	Reinstate routine checks in RMSJ for verifying integrity (flow back checks) of emergency bilge suction check valves	Within three months	
	15.9	Reinstate routine checks in RMSJ for verifying integrity (flow back checks) of emergency bilge suction check valves	Within three months	
	15.10	Reinstate routine checks in RMSJ for verifying integrity (flow back checks) of emergency bilge suction check valves	Within three months	
	15.11	Reinstate routine checks in RMSJ for verifying integrity (flow back checks) of emergency bilge suction check valves	Within three months	
	15.12	Reinstate routine checks in RMSJ for verifying integrity (flow back checks) of emergency bilge suction check valves	Within three months	
	15.13	Reinstate routine checks in RMSJ for verifying integrity (flow back checks) of emergency bilge suction check valves	Within three months	
	15.14	Reinstate routine checks in RMSJ for verifying integrity (flow back checks) of emergency bilge suction check valves	Within three months	
3.4.37	15.14	The connection for the Potable water bulk loading hose on the starboard side has no protection fitted against contamination. Protective end fittings/caps to be installed	Within one week	Accept

Chief Mate	Valve was put back in place when the spool piece change out was completed.	Complete 27 Oct
First Engineer	Will be repaired when pump is being repaired.	
First Engineer	Water jacket inlet spool piece to #4 heat exchanger has been replaced.	Complete 10/25/09
	<p>BUST VLVS</p> <p>031, 052, 097 AND 08</p> <p>REVIEW RMS AND</p> <p>FOUND ALL</p> <p>EMERGENCY BILGE</p> <p>VLVS ARE</p> <p>SCHEDULED FOR A</p> <p>30, 180 AND A 365</p> <p>DAY SCHEDULE</p> <p>MAINTENANCE</p> <p>CYCLE</p>	100%
First Engineer	MANAGER'S ORDER	
First Engineer	MANAGER'S ORDER	
Chief Mate	MANAGER'S ORDER	
Chief Mate	MANAGER'S ORDER	
Chief Mate	MANAGER'S ORDER	
Chief Mate	Cap in place	Complete 27 Oct

3.4.38	16.6	The rig has no facility for conducting emergency towing as the tow bridle has been removed. Consideration should be given to providing a method of securing a tow line as an emergency contingency.	Within two months	Decline
3.4.39	16.6	The hydraulic pressure gauge situated in the non-air solenoid cabinet is showing zero psi. Pressure gauge to be checked and calibrated as required.	Within two months	Accept
3.4.40	16.6	When the rig is returned to service, the rig must be tested to ensure that the emergency towing system is operational. The rig must be tested to ensure that the emergency towing system is operational. The rig must be tested to ensure that the emergency towing system is operational.	Within two months	Accept
3.4.41	18.4	The last test of the AFFF fire deck foam undertaken in July 2009 failed to comply with the required test criteria. Defective AFFF foam solution to be replaced.	Within two months	Accept
4.4.1	7.7	The rig induction process should include a security induction for both service personnel and rig crew.	Within four months	Under Review
4.4.2	13.2	Damaged backscratches on the external emergency column escape ladders to be repaired.	Within six months	Accept

Captain	Not required by class.		Complete 08/07/06	
FIRST ENGINEER	JOB# 102205 completed		Complete 100%	
	<p>REPAIRS REQUIRED:</p> <ul style="list-style-type: none"> - 100% engine overhaul - 100% propeller overhaul - 100% shafting overhaul - 100% rudder overhaul - 100% bilge pump overhaul - 100% fuel tank overhaul - 100% water pump overhaul - 100% electrical system overhaul 			
Chief Mate	AFFE replaced		Complete 10/19/09	Confirmed during Routine Revision 10/20/09
RSTO/RSTT	Has been included into orientation		Complete	100%
Captain	20Y1 SPS		Complete 10/27/09	

ELECTRICAL SUPERVISOR

	2.4	The remote thruster emergency stops were tested and several deficiencies were identified. All non functional emergency thruster stops to be investigated and rectified	Within one month	Accept	Electrical Supervisor E-Stop T-3 from Bridge, T-5 from ECR, Awaiting quote from Kongsberg . Continue to attempt reply from Kongsberg
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11.4	The fire & gas and ESD control panel alarm, fault and override conditions to be addressed.	Within one week	Accept	Electrical Supervisor	We have a few smoke detectors that need replaced. We have one that we are changing locations in space. A couple of combustibles detectors that need servicing. The fault for fire pump is due to the pump being isolated due to leaking mech. Seal
13.3	Numerous weatherlight door status indication errors to be addressed. All limit switches to be operational with correct status feedback at the vessel management system.	Within two weeks	Accept	Electrical Supervisor	Completed 11/20/09
2.4	Screen and Keyboard for the APOS in the ECR has not been installed and this control and monitoring system should be reinstated.	Within one month	Under Review	Electrical Supervisor	Under Investigation

FIRST ENGINEER

13.3	All worn or otherwise defective watertight door operating lever dead man springs to be replaced. On release the operating lever should return to the neutral position causing door movement to cease immediately.	Within one month	Accept	First Engineer	Parts on ordered on 10/05/09, estimated delivery time of 5 weeks. JOB# 100423

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MAINTENANCE SUPERVISOR

2.4.13	13.3	Watertight sliding doors do not have sufficient spares carried onboard to provide acceptable contingency to ensure doors can be maintained fully operational. The spares inventory should be increased to allow for both corrective and preventative maintenance issues	Within three months	Under Review	Maintenance Supervisor	Issue being addressed with Maint.. Sup., OMC and Asset Manager
2.4.21	15.1	There were insufficient spares carried onboard to carry out repairs to a faulty safety critical system processor for the ballast system control. The rig should carry out an assessment and increase the number of safety critical spares associated with the ballast system.	Within two months	Under Review	Maintenance Supervisor	Issue being addressed with Maint.. Sup., OMC and Asset Manager
3.4.6	2.5	The status of the outstanding technical concerns register should be provided to BP relating to the FMECA	Within two months	Under Review		Discussion with rig management concerning release of FMECA
	5.1	Actions arising from the ISM audit were combined with the ISPS and PMAA audit findings and recorded within FOCUS under a common heading (PMAA audit). It was not possible to identify specific ISM audit actions. Individual audit findings particularly those relating to Statutory audits to be separately tagged in FOCUS	Within one month	Under Review	Rig Management	Under Review
3.4.14	13.3	Since an MCT survey carried out in 2005/2006 it is reported that two MCTs have leaked or failed under static head pressure. Inventory survey and inspection to be conducted and documented to verify the integrity of MCTs installed in the pontoons, columns, moon pool and main deck areas.	Within three months	Under Review	Rig Management	Under Investigation

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RSTC



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MANAGEMENT/PREFORMANCE/ASSET

2.4.13	13.3	Watertight sliding doors do not have sufficient spares carried onboard to provide acceptable contingency to ensure doors can be maintained fully operational. The spares inventory should be increased to allow for both corrective and preventative maintenance	Within three months	Under Review	Maintenance Supervisor	Issue being addressed with Maint., Sup., OMC and Asset Manager
2.4.21	15.1	There were insufficient spares carried onboard to carry out repairs to a faulty safety critical system processor for the ballast system control. The rig should carry out an assessment and increase the number of safety critical spares associated with the b	Within two months	Under Review	Maintenance Supervisor	Issue being addressed with Maint., Sup., OMC and Asset Manager
3.4.6	2.5	The status of the outstanding technical concerns register should be provided to BP relating to the FMECA	Within two months	Under Review		Discussion with rig management concerning release of FMECA
	5.1	Actions arising from the ISM audit were combined with the ISPS and PMAA audit findings and recorded within FOCUS under a common heading (PMAA audit). It was not possible to identify specific ISM audit actions. Individual audit findings particularly those	Within one month	Under Review	Rig Management	Under Review
3.4.14	13.3	Since an MCT survey carried out in 2005/2006 it is reported that two MCTs have leaked or failed under static head pressure. Inventory survey and inspection to be conducted and documented to verify the integrity of MCTs installed in the pontoons, columns,	Within three months	Under Review	Rig Management	Under Investigation