

**2009 Deepwater Horizon UWILD
/ Between Well Maintenance
KODIAC
BOP/LMRP Work Performed**

Confidential Treatment Requested by Transocean Holdings LLC
CONFIDENTIAL

TRN-HCJ-00122177
TRN-INV-00144831

TREX-36030

- **WORK PERFORMED ON BOP**

1. Washed down BOP with high pressure wand to remove slick sludge.
2. Full function test from both pods to check all functions
3. While function testing, checked all hoses for leaks
4. Dry fired EDS, check data logger for proper functions
5. Activated Auto Shear prior to unlatching LMRP
6. Performed Low Pressure unlock test on LMRP connector
7. Meggered both Yellow and Blue mux cables
8. Installed new Auto Shear valve and tested.
9. Opened and inspected Rams. Replaced all rubber goods

10. Performed operator test to 3000 psi on all bonnets
11. Inspected stack bore for key seating
12. Performed low pressure test on wellhead connector
13. Installed rebuilt set failsafe valves on Bleed Valve position
14. Rebuilt 6 SPM valves on Rigid Conduit manifold
15. Greased all failsafe valves.
16. Greased wellhead connector with copper cote grease
17. Adjusted pre-charge in 80 gal. Accumulators
18. Inspected and replaced any hoses found to be defective
19. Installed 6 5/8" test joint and Performed full pressure test

20. Installed 5 1/2" test joint and Performed full pressure test
21. Installed test cap and pressure tested all failsafe valves from top side
22. Installed new AX ring gasket.
23. Replaced all anodes on BOP and LMRP
24. Installed new super shear ram bonnets.
25. Replaced 1" hoses on open and close side of all rams. And LMRP connector.
26. Removed recovery slings from LBOP.
27. Pre deployment conference call with RMA and TFS.

- **WORK PERFORMED ON LMRP**

1. Change the 1” hose in Pod #3. LMRP to BOP sections.
2. Troubleshoot and repaired all coil faults on blue pod and yellow pod
3. Inspected and changed AX gasket in LMRP
4. Inspected and changed 3 1/16” gaskets in mini collet connectors
5. Washed through mini connectors.
6. Changed elements in both annulars
7. Tested all PBOF cables on both pods and RCB.
8. Cleaned inspected and replaced as needed packer seals on both pods.

9. Changed pod supply, pilot filters, and accumulator filters on both pods
10. Drained and filled Ambient chamber on LMRP
11. Ensured all manual regulators are properly set.
12. Changed solenoid #19 Pod #3 "Blue side"
13. Adjusted pre-charge in 60 gal. Accumulators and all pod accumulators
14. Adjusted pre-charge in all accumulators on both pods
15. Pressured up both pods and checked all valves and hoses for leaks
16. Inspected and replaced any hoses that are found to be defective
17. Inspected inside pods for any trash, tools, or leaks

18. Repaired leak on Blue Stack Stinger "Extend"
19. Repaired leak on the Middle Pipe rams "Open"
20. Changed out Bleed Valves
21. Changed SEM in Yellow POD
22. Changed plate cylinder for Blue LMRP stinger
23. Changed all anodes on Yellow POD

- **Additional work**

1. Performed 1095 DAY-C&K SUBSEA CONNECTOR..
NDT PM
2. Performed 1825 DAY-DIVERTER.. NDT PM
3. Performed 1825 DAY-SUBSEA ACCUMULATORS..-
NDT- PM
4. Performed 365 DAY-SURFACE ACCUMULATOR..-
NDT- PM
5. Performed 1825 DAY-SUBSEA C&K VALVE.. NDT PM
6. Washed through wellhead connector at Glycol ports till
water comes clean
7. Inspected and changed as needed all seals on diverter.
Perform P.M.

8. Changed diverter packer.
9. Opened mix tank, inspected drain and cleaned
10. Had Cameron hand on rig to determine length of rod for new auto shear valve
11. Change out suction and discharge filters on HPU
12. Changed out the Trip Tank Hole fill valve with new one.