

Vessel NameDEEPWATER HORIZONClass Number0139290Attending OfficeMorgan City, LAReport NumberMC1722260First Visit Date01-Sep-2009Last Visit Date13-Sep-2009

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Drilling Unit DEEPWATER HORIZON, of Port Majuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 01-Sep-2009 as the vessel lay afloat, in order to carry out the survey(s) noted below:

Survey Location: Offshore Gulf of Mexico

Report	Survey Description	Status	Outstanding
MC1722260_D	UWILD Drydocking Survey	Completed	No
MC1722260_E	Other Survey (Class) - Witness DP trials after upgrading	Completed	No
	software from version 3.0.11 to 6.2.2		
MC1722260_C	Special Continuous Survey - Hull 2	Commenced	No

Safety Management System Section (IACS PR 17)

This Vessel is NOT subject to IACS PR 17 (Only when it is NOT required to have an ISM SMC Certificate)

Closing Paragraph

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It is recommended that this facility be retained as classed with this Bureau.

Surveyor(s) to The American Bureau of Shipping Attending Surveyors

Chinni Venkata Raj	Electronically Signed on 24-Sep-2009 by McDurmon, Joseph Edward
McDurmon Joseph Edward	Electronically Signed on 24-Sep-2009
Reviewed By	

Smith, Karl D. Electronically Signed on 25-Sep-2009, Morgan City Port

NOTE: This report evidences that the survey reported herein was carried out in compliance with one or more of the Rules, guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Report is a representation only that the vessel, structure, item or material equipment, machinery or any other item covered by this Report has been examined for compliance with, or has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in the contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

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CONFIDENTIAL TRN-MDL-01134503

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Vessel Name Attending Office

First Visit Date

DEEPWATER HORIZON

Morgan City, LA 01-Sep-2009

Class Number

0139290

Report Number Last Visit Date MC1722260

13-Sep-2009

MC1722260_C: Special Continuous Survey - Hull 2

To complete Special Continuous Survey - Hull 2 the following checklist items remains to be dealt with, checklist item sequence numbers 36, 37

MC1722260_D: Drydocking Survey

Statement/Observation

1544

UWILD Survey: Following Valves renewed

- 1. Port side Sea suction valve (no 115V)
- 2. HiPap Valve
- 3. All sea valves in Stbd. Fwd & Aft Column Pump rooms
- 4. All sea valves in Port Fwd. Column Pump room.

1559

U.S. Underwater Divers water blasted Stbd. Aft Column in way of connection to Potoon and K-Braces. Using Eddy Current Procedure ABS surveyor witnessed the entire Stbd. Aft Column to Port Potoon connection. All were satisfactory.

The Eddy Current was backed up using Mag-particle in 10% of the areas specified by the attending ABS surveyor.

No indications wer found using Eddy Current or Mag-Particle methods.

EDDY CURRENT INFO

Model# Locator 3S Serial # 554569/08

Manufacture Name-Hocking Calibrated on 15 April 2009

MPI INFO

Model# PM-6 Fixed yokes

Serial# 1207

Test Block - 40lbs.

MC1722260_E: Other Survey (Class)

Statement/Observation

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Vessel Name Attending Office First Visit Date DEEPWATER HORIZON Morgan City, LA

01-Sep-2009

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1543

Witnessed DP trials after upgrading software from version 3.0.11 to 6.2.2

- 1. DP General Test
- 2. DP System Test
- 3. Blackout Prevention
- 4. DP System Options
- 5.Miscellaneous

MC1722260_C : Special Continuous Survey - Hull 2

Statement/Observation

1541

Continued Special Continuous Hull Survey. The following tanks were opened, ventilated and then surveyed, found satisfactory and credited towards the 5year special.

- 1). Ballast 6P
- 2). Ballast 6S
- 3). ballast 7P
- 4). Ballast 7S
- 5). Ballast 8P
- 6). Ballast 8S
- 7). Ballast 9P
- 8). Ballast 9S
- 9). Ballast 10P
- 10). Ballast 10S
- 11). Ballast 11P
- 12). Ballast 11S13). Ballast 12P
- 14). Ballast 12S
- 14). Dallast 120
- 15). Liquid Mud Pits 1-1016) Four (4) Potoon "K" Braces
- 17). #1 Liquid Mud Potoon Storage Tank
- 18). #2 Liquid Mud Potoon Storage Tank

MC1722260_C : Special Continuous Survey - Hull 2

Description Inspected Type Inspected By State

Space

Ballast Tank 07P PONTOON Examination Class Satisfactory

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Vessel Name DEEPWATER HORIZON Attending Office Morgan City, LA		Class Number Report Number		0139290 MC1722260	
First Visit Date	01-Sep-2009	Last Visit Date		13-Sep-2009	
Ballast Tank 07	S PONTOON	Examination	Class	Satisfactory	
Ballast Tank 08l	PPONTOON	Examination	Class	Satisfactory	
Ballast Tank 08	S PONTOON	Examination	Class	Satisfactory	
Ballast Tank 09l	PPONTOON	Examination	Class	Satisfactory	
Ballast Tank 09	S PONTOON	Examination	Class	Satisfactory	
Ballast Tank 10l	P PONTOON	Examination	Class	Satisfactory	
Ballast Tank 10	S PONTOON	Examination	Class	Satisfactory	
Ballast Tank 11I	PPONTOON	Examination	Class	Satisfactory	
Ballast Tank 11	S PONTOON	Examination	Class	Satisfactory	
Ballast Tank 12l	P PONTOON	Examination	Class	Satisfactory	
Ballast Tank 12	S PONTOON	Examination	Class	Satisfactory	
Ballast Tank 20I	P TRANSV. BRACE	Examination	Class	Satisfactory	
Ballast Tank 20	S TRANSV.BRACE	Examination	Class	Satisfactory	
Ballast Tank 21I	P TRANSV.BRACE	Examination	Class	Satisfactory	
Ballast Tank 21	S TRANSV.BRACE	Examination	Class	Satisfactory	
Bulk Mud Tank		Examination	Class	Satisfactory	
Liquid Mud Tanl	k 01PIB PAFT COLUMN	Examination	Class	Satisfactory	
Liquid Mud Tanl	k 01SIB SAFT COLUMN	Examination	Class	Satisfactory	
Liquid Mud Tanl	k 02PIB PAFT COLUMN	Examination	Class	Satisfactory	
Liquid Mud Tanl	k 02SIB SAFT COLUMN	Examination	Class	Satisfactory	

MC1722260_C : Special Continuous Survey - Hull 2

Tank Coating Condition	Areas	Coating Descript	ion Current Condition	Previous Cor	ndition	Other Means Of Protection
Access Trunks	Overall	Hard Coating	Good			
Crane Foundations	Overall	Hard Coating	Good	02-Jan-2007	Good	
Elevator Shaft	Overall	Hard Coating	Good	02-Jan-2007	Good	
Escape Trunk	Overall	Hard Coating	Good	02-Jan-2007	Good	
Void A-01-P	Overall	Hard Coating	Good	09-Nov-2005	Good	l
TRANSV.BRACE						
Void A-01-S	Overall	Hard Coating	Good	02-Jan-2007	Good	
TRANSV.BRACE						
Void A-02-P DIAGONAL	Overall	Hard Coating	Good	09-Nov-2005	Good	l
BRACE						
Void A-02-S DIAGONAL	Overall	Hard Coating	Good	02-Jan-2007	Good	
BRACE						
Void A-03-P DIAGONAL	Overall	Hard Coating	Good	09-Nov-2005	Good	
BRACE						
Void A-03-S DIAGONAL	Overall	Hard Coating	Good	02-Jan-2007	Good	
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Vessel Name Attending Office First Visit Date	DEEPWATER HORIZON Morgan City, LA 01-Sep-2009		Report	Number		290 722260 ep-2009
BRACE Void A-04-P	Overall	Hard Coating	Good	09-Nov-	2005	Good
NSV.BRACE	3 T 3 T 4 T	riara ocaling	3000	00 1107		•
d A-04-S ANSV.BRACE	Overall	Hard Coating	Good	02-Jan-2	2007	Good
Pit 10 MUD PIT	ROOMOverall	Hard Coating	Good	09-Nov-	2005	Good

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Vessel Name Attending Office

First Visit Date

Smith, Karl D.

DEEPWATER HORIZON

Morgan City, LA 01-Sep-2009 Class Number

0139290

Report Number

MC1722260

Last Visit Date 13-Sep-2009

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Drilling Unit DEEPWATER HORIZON, of Port Majuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 01-Sep-2009 as the vessel lay afloat, in order to carry out the inspection(s) noted below:

Survey Location: Offshore Gulf of Mexico

Report Survey Description		Status	Outstanding
MC1722260_A	Initial IAPP Annex VI Survey	Commenced	No
MC1722260_B	Survey for Compliance - Statutory	Completed	Yes

Safety Management System Section (IACS PR 17)

This Vessel is NOT subject to IACS PR 17 (Only when it is NOT required to have an ISM SMC Certificate)

Surveyor(s) to The American Bureau of Shipping Attending Surveyors

Chinni Venkata Raj	Electronically Signed on 24-Sep-2009 by McDurmon, Joseph Edward	
McDurmon Joseph Edward	Electronically Signed on 24-Sep-2009	
Reviewed Bv		

Electronically Signed on 25-Sep-2009, Morgan City Port

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Vessel Name Attending Office First Visit Date **DEEPWATER HORIZON**

Morgan City, LA 01-Sep-2009 Class Number

0139290

Report Number Last Visit Date MC1722260

13-Sep-2009

Additional Requirements

The following items to be dealt with to the satisfaction of the attending Surveyor as follows

Item	Due by Survey	Due by Date
1542	Renewal Survey - MODU 2	28-Feb-2011

MC1722260_B: Survey for Compliance - Statutory

1503 Outfitting

Opened In Report Closed In Report Due By

Found

MC1093792_N - Other Survey (Statutory)

MC1722260_B - Survey for Compliance - Statutory

08-Dec-2008 13-Sep-2009 Morgan City, LA

Annual Survey - MODU 4, 28-May-2010

Minor

Morgan City, LA Closed

A Long Range Identification and Tracking System (LRIT)was fitted as part of a new GMDSS Installation aboard the vessel. No documentation was available to confirm that the was In

compliance with the following:

- 1. Type approved in accordance with the provisions of regulation V/19-1 and the Revised performance standards (MSC.263(84); or
- 2. Certified as meeting the requirements of regulation IV/14 and satisfactorily completing a conformance test in accordance with the procedures and provisions set out in appendix 1 of MSC.1/Circ.1257;
- 3. Certified as meeting the requirements of IEC 60945 (2002-08) and IEC 60945 Corr.1 (2008-04) and satisfactorily completing a conformance test in accordance with the procedures and provisions set out in appendix 1 of MSC.1/Circ.1257.

Note: The Performance Test Report to be provided by an Application Service Provider (ASP), approved by the Marshall lislands Flag Authority.

Recommendation

Prior to completion of the Annual MODU Code Survey due 29 May 2010, the LRIT is to be confirmed In accordance with the terms of the following documentation.

- 1. Type approved in accordance with the provisions of regulation V/19-1 and the Revised performance standards (MSC.263(84); or
- 2. Certified as meeting the requirements of regulation IV/14 and satisfactorily completing a conformance test in accordance with the procedures and provisions set out in appendix 1 of MSC.1/Circ.1257;
- 3. Certified as meeting the requirements of IEC 60945 (2002-08) and IEC 60945 Corr.1 (2008-04) and satisfactorily completing a conformance test in accordance with the procedures and provisions set out in appendix 1 of MSC.1/Circ.1257.

Note: The Performance Test Report to be provided by an Application Service Provider (ASP), approved by the Marshall lislands Flag Authority.

Rectification (Full) It was verified that the installed LRIT on boards has meet all the requirements as noted above in Items # 1-3.

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1538 Vessel

Opened In Report CDC_SLR_LRIT_171496 - CDC_SLR_LRIT 05-May-2009 Houston, TX

Closed In Report MC1722260_B - Survey for Compliance - Statutory 13-Sep-2009 Morgan City, LA

Due By 28-Feb-2010 Additional Closed

Requirements

Found

Recommendation

The 2006 Amendments to SOLAS Chapter V as contained in resolution MSC.202(81) enter into force on 1 January 2009. These amendments introduced the requirement for all cargo and passenger ships to be fitted with a system that can transmit long range identification and tracking (LRIT) information.

The LRIT system is to:

1) Automatically transmit the identity of the ship, the position of the ship (latitude and longitude), and the date and time of the position provided, at six hour intervals, while the ship is on an international voyage,

and,

- 2) Be type approved by the Administration (approvals granted for existing GMDSS equipment under SOLAS IV/14 are acceptable)
- 3) Satisfactorily complete a conformance test carried out by an Application Service Provider (ASP) recognized by the flag State.

Application

Ships constructed on or after 31 December 2008 are to be fitted with the system by the time of delivery. Ships constructed before 31 December 2008 and:

- 1) Operating in sea areas Al, A2, and A3, as defined in SOLAS regulations IV/2.1, are to be fitted with an LRIT system no later than the first survey of the radio installation after 31 December 2008
- 2) Operating exclusively in sea area A4, as defined in SOLAS regulations IV/2.1, are to be fitted with an LRIT system no later than the first survey of the radio installation after 1 July 2009. Ships fitted with an automatic identification system (AIS), as defined in regulation 19.2.4, and operated system is the within an automatic identification of the regulation in regulation 19.2.4.

exclusively within sea area A1, as defined in regulation IV/2.1.12, need not comply with the provisions of this regulation.

IMO has concluded that extensions or exemptions from compliance are prohibited.

Rectification (Full) The LRIT has been fitted and tested to the satisfaction of the attending surveyor.

1390 Main Power Distribution System

Found

Opened In Report MC690655_A - Initial IAPP Annex VI Survey 26-Apr-2006 Morgan City, LA Superseded By 1542MC1722260_B 13-Sep-2009 Morgan City, LA

Due By 31-Jul-2006 Minor Closed

An Initial Marpol Annex VI Survey was commenced with an examination of the Units machinery and equipment in relation to the requirements of the Annex as follows: 1. The Wartsila 18V32LN Medium Speed Alternator prime movers were examined for compliance with the details of their Technical Files pending Approval by ABS. All parameters and components were checked on one cylinder on each of the six (6) engines and found in

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compliance with the exception of the injector nozzle tips which were found to have been substituted for items with a 350 bar rating from the original ones with a 500 bar rating. The Wartsilas were not provided with Engine International Air Pollution Prevention Certificates (EIAPPC) or an equivalent Statement of Fact. 2. The Caterpillar 3408 Crane engines were not provided with ABS approved Technical Files. The Caterpillars were not provided with Engine International Air Pollution Prevention Certificates (EIAPPC) or an equivalent Statement of Fact.

Recommendation

Prior to Completion of the Initial Marpol Annex VI Survey and Issuance of a Full term International Air Pollution Prevention Certificate (IAPPC), the following items to re-examined and dealt with to the satisfaction of the attending Surveyor.

- 1. Confirmation of the Wartsila 18V32 LN Medium Speed alternator prime movers in compliance with Their ABS Approved Marpol Annex VI Technical Files, including the changes to the injector nozzle tip specifications.
- 2. Issuance of Engine International Air Pollution Prevention Certificates (EIAPPC) for each Wartsila Engine.
- 3. Confirmation of the Caterpillar Crane Prime Movers in accordance with their ABS Approved Technical Files and Issuance of Engine International Air Pollution Prevention Certificates (EIAPPC) for each engine.

Rectification (Partial)

Verified compliance with the manufacture's technical files for the Wartsila 18V32 LN Medium speed Engines.

4	1542	Main Power Distribution System
1	1542	Main Power Distribution System

Opened In Report MC1722260_B - Survey for Compliance - Statutory 13-Sep-2009 Morgan City, LA Supersedes 1390 MC690655_A 26-Apr-2006 Morgan City, LA Due By Renewal Survey - MODU 2, 28-Feb-2011 Additional Outstanding Requirements

Found

An Initial Marpol Annex VI Survey was commenced with an examination of the Units machinery and equipment in relation to the requirements of the Annex as follows: 1. The Wartsila 18V32LN Medium Speed Alternator prime movers were examined for compliance with the details of their Technical Files pending Approval by ABS. All parameters and components were checked on one cylinder on each of the six (6) engines and found in compliance with the exception of the injector nozzle tips which were found to have been substituted for items with a 350 bar rating from the original ones with a 500 bar rating. The Wartsilas were not provided with Engine International Air Pollution Prevention Certificates (EIAPPC) or an equivalent Statement of Fact. 2. The Caterpillars were not provided with Engine International Air Pollution Prevention Certificates (EIAPPC) or an equivalent Statement of Fact.

Recommendation

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Prior to issuing a IAPP Certificate the following in to be verified:

Confirmation of the Caterpillar Crane Prime Movers in accordance with their ABS Approved Technical Files

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Morgan City, LA

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and Issuance of Engine International Air Pollution Prevention Certificates (EIAPPC) for each engine.

Rectification

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