

# Deepwater Horizon

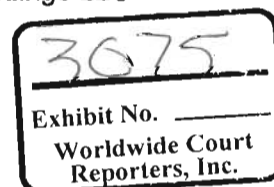


## Licensing Information

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027084

CONFIDENTIAL



TRN-MDL-00171605

# **Transocean: Deepwater Horizon Licensing Documentation (1 of 2)**

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027085

CONFIDENTIAL

TRN-MDL-00171606



# ABS

01-May-2006

Page 1 of 1  
1st NOTICE

TRANSOCEAN OFFSHORE DEEPWATER DRILLING INC.  
ATTN: OPERATIONS TECHNICAL SUPPORT MGR.  
1311 BROADFIELD  
SUITE 400  
HOUSTON TX-77064

SUBJECT : DEEPWATER HORIZON  
CLASS NUMBER : 0139290  
THREE-MONTH SURVEY DEADLINE

Gentlemen:

In an effort to assist you in the timely completion of survey(s), we would like to inform you that the following survey(s) is (are) coming due:

**Surveys :**

Drydocking Survey - Uwild  
Special Continuous Survey Machinery 1  
Special Periodical Survey - Hull 1

**Due Date**

31-Jul-2006  
31-Jul-2006  
31-Jul-2006

**Recommendations :**

Morgan City, LA Report No: MC669370\_B Last Visit Dt: 18-Jan-06  
Morgan City, LA Report No: MC669370\_L Last Visit Dt: 18-Jan-06  
Morgan City, LA Report No: MC669370\_U Last Visit Dt: 18-Jan-06

**Due Date**

31-Jul-2006  
31-Jul-2006  
31-Jul-2006

Note: The survey due date includes the window of time allotted for annual and intermediate surveys, as applicable.

If the vessel is currently under survey, please disregard this notice. If the vessel is currently laid-up, has been sold, or is out of service, we would appreciate your informing us so that we can amend our records.

We would like to point out that there are provisions in the "Rules" for extension of Drydocking, Tailshaft and Boiler surveys, if applicable. As Surveyor attendance is required for the extension, we encourage you to contact your local ABS office as soon as possible to discuss this possibility. We look forward to working with you to maintain the classification of your vessel.

Sincerely,  
AMERICAN BUREAU OF SHIPPING

Lewis R Wise  
Assistant Chief Surveyor  
email: cdc@eagle.org

16855 NORTHCHASE DRIVE, HOUSTON, TX 77060-8008 USA  
TEL: 281-877-6010 FAX: 281-877-6011

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027086

CONFIDENTIAL

TRN-MDL-00171607



29-Apr-2006

Page 1 of 1  
3rd NOTICE

TRANSOCEAN OFFSHORE DEEPWATER DRILLING INC.  
ATTN: OPERATIONS TECHNICAL SUPPORT MGR.  
1311 BROADFIELD  
SUITE 400  
HOUSTON TX-77084

SUBJECT : DEEPWATER HORIZON  
CLASS NUMBER : 0139290  
ONE-MONTH SURVEY DEADLINE

Gentlemen:

In a continuing effort to assist you in timely completion of surveys(s), we would like to inform you that the following survey(s) is (are) coming due. Please remember that in order to properly maintain the vessel in class, surveys must be carried out by the due date. Overdue surveys will cause the suspension of a vessel's classification. Consequently, please schedule the following survey(s) prior to the due date in order to avoid suspension of your vessel's classification.

**Surveys :**

Annual Hull Survey 5  
Annual Machinery Survey 5

**Due Date**

28-May-2006  
28-May-2006

Note: The survey due date includes the window of time allotted for annual and intermediate surveys, as applicable.

If the vessel is currently under survey please disregard this notice. If surveys have been carried out and you believe this notice is in error, please notify us to initiate a review. If the vessel is currently laid-up, has been sold or is out of service, we would appreciate your informing us so that we can amend our records.

We would like to point out that there are provisions in the "Rules" for extension of Drydocking, Tailshaft and Boiler surveys, if applicable. As Surveyor attendance is required for the extension, we encourage you to contact your local ABS office as soon as possible to discuss this possibility. We look forward to working with you to maintain the classification of your vessel.

Sincerely,  
AMERICAN BUREAU OF SHIPPING

Lewis R Wise  
Assistant Chief Surveyor  
email: cdc@eagle.org

16855 NORTHCHASE DRIVE, HOUSTON, TX 77060-6008 USA  
TEL: 281-877-8010 FAX: 281-877-8011

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027087

CONFIDENTIAL

TRN-MDL-00171608





John Keeton

01-Jun-2006

Page 1 of 2  
2nd NOTICE

TRANSOCEAN OFFSHORE DEEPWATER DRILLING INC.  
ATTN: OPERATIONS TECHNICAL SUPPORT MGR.  
1311 BROADFIELD  
SUITE 400  
HOUSTON TX-77084

SUBJECT : DEEPWATER HORIZON  
CLASS NUMBER : 0139290  
TWO-MONTH SURVEY DEADLINE

Gentlemen:

In a continuing effort to assist you in the timely completion of surveys(s), we would like to inform you that the following survey(s) is (are) coming due:

**Surveys :**

Drydocking Survey - Uwild  
Special Continuous Survey Machinery 1  
Special Periodical Survey - Hull 1

**Due Date**

31-Jul-2006  
31-Jul-2006  
31-Jul-2006

**Recommendations :**

Morgan City, LA Report No: MC869370\_B Last Visit Dt: 18-Jan-06  
Morgan City, LA Report No: MC869370\_L Last Visit Dt: 18-Jan-06  
Morgan City, LA Report No: MC869370\_U Last Visit Dt: 18-Jan-06

**Due Date**

31-Jul-2006  
31-Jul-2006  
31-Jul-2006

Note: The survey due date includes the window of time allotted for annual and intermediate surveys, as applicable.

If the vessel is currently under survey please disregard this notice. If surveys have been carried out and you believe this notice is in error, please notify us to initiate a review. If your vessel is currently laid-up, has been sold or is out of service, we would appreciate your informing us so that we can amend our records.

We would like to point out that there are provisions in the "Rules" for extension of Drydocking, Tailshaft and Boiler surveys, if applicable. As surveyor attendance is required for the extension, we encourage you to contact your local ABS office as soon as possible to discuss this possibility. We look forward to working with you to maintain the classification of your vessel.

16855 NORTHCHASE DRIVE, HOUSTON, TX 77060-6008 USA  
TEL: 281-877-8010 FAX: 281-877-8011

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027088

CONFIDENTIAL

TRN-MDL-00171609



Page 2 of 2  
2nd NOTICE

SUBJECT : DEEPWATER HORIZON  
CLASS NUMBER : 0138290  
TWO-MONTH SURVEY DEADLINE

Sincerely,  
AMERICAN BUREAU OF SHIPPING

Lewis R Wise  
Assistant Chief Surveyor  
email: cdc@eagle.org

16855 NORTHCHASE DRIVE, HOUSTON, TX 77060-6008 USA  
TEL: 281-877-6010 FAX: 281-877-6011

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027089

CONFIDENTIAL

TRN-MDL-00171610

List of certificates		Last Update:	
Certificate	Issuing Authority	Issue Date	Expiry Date
<b>Class Certification</b>			
Certificate of Classification	ABS	6/28/2006	2/28/2011
Interim class cert	ABS		11/11/2006
Interim class cert	ABS	1/2/2006	7/31/2006
Certification of Classification	ABS	6/2/2005	2/28/2006
Certification of Classification	ABS	4/26/2001	2/28/2006
<b>Class Survey Report</b>			
Class survey report (3)	ABS	6/28/2006	2/28/2011
Class Survey report	ABS	6/11/2006	11/11/2006
Class Survey report	ABS	2/2/2006	7/31/2006
Class Survey report	ABS	4/19/2004	
Class Survey report	ABS	7/2/2003	
<b>Statutory Survey Report</b>			
SSR	ABS	1/2/2007	
SSR	ABS	4/7/2003	
SSR	ABS	2/27/2003	
<b>Accommodations</b>			
Document of compliance	Rep. Marshall IS	1/2/2006	2/28/2011
Cert. of Inspection Crew accommodations	Republic Panama	3/14/2003	2/27/2007
Interim Cert of Insp. Crew acc.	Republic Panama	2/27/2003	7/27/2003
Interim Cert of Insp. Crew acc.	Republic Panama	2/27/2002	2/27/2003
Interim Cert of Insp. Crew acc.	Republic Panama	6/27/2002	9/27/2002
Interim Cert of Insp. Crew acc.	Republic Panama	5/15/2001	3/30/2005
Record of approved accommodation		2/23/2001	
<b>Lifting Gear</b>			
Lift Gear Survey	ABS	1/1/2007	
ABSID0139290 compliance	ABS	5/23/2005	
Lift Gear Survey	ABS	1/18/2006	
Lift Gear Survey	ABS	2/27/2003	
<b>MODU Safety Cert.</b>			
Certification	ABS	6/11/2006	2/28/2011
Safety Report	ABS	1/2/2006	
Shoart term Certification	ABS	1/18/2006	7/31/1006
MODU Safety Cert.	ABS	6/10/2005	2/28/2006
MODU Safety Cert.	ABS	2/27/2003	7/27/2003
MODU Safety Cert.	ABS	6/27/2002	9/27/2002
MODU Safety Cert.	ABS		2/10/2002
Fire control doc.	ABS	10/23/2002	
Safety System Report	ABS	9/13/2000	
<b>IOPP</b>			
IOPP Cert	ABS	1/18/2006	2/28/2011
IOPP Cert	ABS	6/5/2001	2/28/2006
IOPP Supplement	ABS	6/5/2001	
IOPP Supplement Addendum	ABS	3/30/2001	
<b>ILL</b>			
ILL Certification	ABS	6/11/2006	2/28/2011
ILL Certification	ABS	1/2/2006	7/31/2006
ILL Certification	abs	2/23/2001	2/28/2006
ILL Certification	Panama	6/5/2001	2/28/2006

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027090

CONFIDENTIAL

TRN-MDL-00171611



Confidential

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027092

CONFIDENTIAL

TRN-MDL-00171613

# AMERICAN BUREAU OF SHIPPING



CHARTERED  
1862

NUMBER  
0139290

## CERTIFICATE OF CLASSIFICATION

DEEPWATER HORIZON

of Majuro Republic of Marshall Islands

Description COLUMN STABILIZED DRILLING UNIT

Dimensions, Length 114 m

Breadth 78 m

Depth 41.5 m

Tonnage, Gross 32588

Net 9778

Owner TRITON HUNGARY ASSET MANAGEMENT LIMITED LIABILITY COMPANY

Shipbuilder HYUNDAI HEAVY INDUSTRIES CO LTD

Engine Builder WARTSILA NSD FINLAND OY

Year of Build 2001

Hull Number Q339

This is to Certify that the above has been surveyed in accordance with the Rules of this Bureau and entered in the Record with the Class

✱A1, Column Stabilized Drilling Unit, ✱AMS, ✱ACGU, ✱DPS-3

28 June 2006

Issue Date

**COPY**

28 February 2011

Expiration Date

Chief Surveyor

Assistant Secretary

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. The classification certificate is a representation only that the vessel, structure, item of material, equipment or machinery or any other item covered by this certificate has met one or more of the Rules of American Bureau of Shipping. The certificate is governed by the terms and conditions on the reverse side hereof, and governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof.

PAGE 1 OF 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027093

CONFIDENTIAL

TRN-MDL-00171614

**ANNUAL SURVEY ENDORSEMENT**

Place AMERICAN CITY Date 1<sup>st</sup> Jan 2007  
 Surveyor to the American Bureau of Shipping  
 (Signature) M. CE

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Surveyor to the American Bureau of Shipping  
 (Signature) \_\_\_\_\_

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Surveyor to the American Bureau of Shipping  
 (Signature) \_\_\_\_\_

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Surveyor to the American Bureau of Shipping  
 (Signature) \_\_\_\_\_

**COPY****INTERMEDIATE SURVEY ENDORSEMENT**

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Surveyor to the American Bureau of Shipping  
 (Signature) \_\_\_\_\_

**EXTENSION OF CLASS CERTIFICATE**  
**THIS CLASSIFICATION CERTIFICATE IS EXTENDED UNTIL**

\_\_\_\_\_ Date \_\_\_\_\_  
 \_\_\_\_\_ Date \_\_\_\_\_  
 Surveyor to the American Bureau of Shipping  
 (Signature) \_\_\_\_\_

Please note that the classification of this vessel is automatically suspended and the certificate automatically becomes invalid, if not endorsed annually within three months of the due date of the annual survey, or if the certificate is not endorsed for completion of the intermediate survey within three months of the due date of the third annual survey.

**THIS CERTIFICATE IS NOT A CONFIRMATION OF CLASS**

Offshore Structure or Vessel's Name DEEPWATER Horizon

**PART II  
PERIODICAL SURVEYS  
ANNUAL INSPECTIONS**

THIS IS TO CERTIFY that the lifting appliances listed below have been inspected and found in a satisfactory condition. (If all of the lifting appliances on the vessel or offshore structure are inspected at one time, it will suffice to so indicate; otherwise, each article or assembled unit inspected should be listed below.)

DESCRIPTION AND LOCATION OF LIFTING APPLIANCES	DATE OF SURVEY	NO. OF VALID RETEST CERTIFICATE	SIGNATURE OF SURVEYOR	REMARKS
Two Liebherr Pedestal Mounted Diesel Hyd. Marine Cranes with 48 Meter Reach Located Port and Stbd. Serial #17059 & 170160	27 Feb. 2003	UL-10865-CHG	Wm. H. [Signature]	Satisfactory
One (1) Palfinger Pedestal Mounted Electro Hyd. Knuckle Boom Pipe Handling Crane Located Main Deck Fwd. Serial No. 9891187	27 Feb. 2003	UL-10865-CHG	Wm. H. [Signature]	Satisfactory
One (1) Hydralift Electro Hyd. Riser Pipe Gantry Crane Located Main Deck Aft. Serial No. T-2087	27 Feb. 2003	UL-10865-CHG	Wm. H. [Signature]	Satisfactory
One Liebherr Pedestal Mounted Diesel Hyd. Marine Crane with 48 Meter Reach Located Port Side Serial # 170159	27 Jan. 2005	UL-10865-CHG	C. G. Barthel [Signature]	Satisfactory
One (1) Palfinger Pedestal Mounted Electro Hyd. Knuckle Boom Pipe Handling Crane Located Main Deck Fwd. Serial No. 9891187	27 Jan. 2005	UL-10865-CHG	C. G. Barthel [Signature]	Satisfactory
One (1) Liebherr Pedestal Mounted Diesel Hyd. Marine Crane with 48 Meter Reach Located Stbd Side Serial # 170160	07 March 2005	UL-10865-CHG	C. G. Barthel [Signature]	Satisfactory
One (1) Hydralift Electro Hyd. Riser Pipe Gantry Crane Located Main Deck Aft Serial # T-2087	07 March 2005	UL-11921-CHG	C. G. Barthel [Signature]	Satisfactory
156 LIEBHERR PEDESTAL MOUNTED DIESEL HYDRAULIC MARINE CRANE WITH 4.8m BOOM. LOCATED MAIN DECK PORT SER NO 17059	156 JAN 2007	MC 669370 15 JAN 2006	[Signature]	Satisfactory
156 LIEBHERR PEDESTAL MOUNTED DIESEL HYDRAULIC MARINE CRANE WITH 4.8m BOOM. LOCATED MAIN DECK STBD. SER NO 170160	156 JAN 2007	MC 669370 15 JAN 2006	[Signature]	Satisfactory
ONE (1) PALFINGER PEDESTAL MOUNTED ELECTRO HYDRAULIC KNUCKLE BOOM CRANE. LOCATED MAIN DECK FORWARD. SER NO 9891187	156 JAN 2007	MC 669370 15 JAN 2006	[Signature]	Satisfactory

CHG-1

Revision 1

**COPY**

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027095

CONFIDENTIAL

TRN-MDL-00171616







ABS

## INTERIM CLASS CERTIFICATE

Certificate No.: 0138290-715055-001

Port of Issue: Offshore Morgan City

Date: 11 June 2006

### THIS IS TO CERTIFY

THAT I HAVE SURVEYED THE DEEPWATER HORIZON

OF Majuro Republic of Marshall Islands

OFFICIAL NO. 2213 , CALL LETTERS V7HC9 , AS SHE LAY AFLOAT AT,

US Gulf of Mexico. ; AND,

THAT ALL DUE SURVEYS AND OUTSTANDING RECOMMENDATIONS ON RECORD  
STATUS DATED 11th June 2006 HAVE BEEN COMPLETED; AND,

THAT I HAVE TRANSMITTED TO THE COMMITTEE OF THE AMERICAN BUREAU OF SHIPPING,  
NEW YORK, A REPORT STATING THAT I CONSIDER THE VESSEL TO BE FIT; AND,

THAT I HAVE RECOMMENDED THAT THE VESSEL BE CLASSED

\*A1, Column Stabilized Drilling Unit, \*AMS, \*ACCU, \*DPS-3

THIS CERTIFICATE IS VALID UNTIL 11 November 2008 , PENDING

Pending Issuance of Full Term Class Certificate by ABS Americas Houston Corporate.

**COPY**



Gee, Martin, Morgan City Port

SURVEYOR

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027097

CONFIDENTIAL

TRN-MDL-00171618

**TERMS AND CONDITIONS**

1. The issuance and interpretation of the interim class certificate is subject to the terms and conditions of the "Request for Classification and Agreement" (hereinafter "the Agreement") which are hereby incorporated by reference.
2. **REPRESENTATIONS AS TO CLASSIFICATION**

Classification is a representation by the ABS as to the structural and mechanical fitness for a particular use or service in accordance with its rules and standards. The Rules of American Bureau of Shipping are not meant as a substitute for the independent judgment of professional designers, naval architects and marine engineers nor as a substitute for the quality control procedures of shipbuilders, engine builders, steel makers, suppliers, manufacturers and sellers of marine vessels, materials, machinery or equipment. ABS, being a technical society, can only act through Surveyors or others who are believed by it to be skilled and competent.

ABS represents solely to the vessel Owner or other client (hereinafter "Client") of ABS that when assigning class it will use due diligence in the development of Rules, Guides and standards and in using normally applied testing standards, procedures and techniques as called for by the Rules, Guides, standards or other criteria of ABS for the purpose of assigning and maintaining class. ABS further represents to the Client of ABS that its certificates and reports evidence compliance only with one or more of the Rules, Guides, standards or other criteria of ABS in accordance with the terms of such certificate or report. Under no circumstances whatsoever are these representations to be deemed to relate to any third party.

3. **RESPONSIBILITY AND LIABILITY**

It is understood and agreed that the class certification (hereinafter referred to as "certificate") issued as part of the services rendered under the Agreement is a representation only that the vessel, structure, item of material, equipment or machinery or any other item covered by a certificate has met one or more of the rules or standards of American Bureau of Shipping and is issued solely for the use of ABS, its committees, clients or other authorized entities. The validity, applicability and interpretation of a certificate issued under the terms of or in contemplation of the agreement is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this certificate or in any report issued in contemplation of this certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied nor to create any interest, right, claim or benefit in any third party. It is understood and agreed that nothing expressed herein is intended or shall be construed to give any person, firm or corporation, other than the parties hereto:

4. **SUSPENSION AND CANCELLATION OF CLASS**

The continuance of the Classification of any vessel is conditional upon the Rule requirements for periodical, damage and other surveys being duly carried out. The Committee reserves the right to reconsider, withhold, suspend, or cancel the class of any vessel or any part of the machinery for noncompliance with the Rules, for defects reported by the Surveyors which have not been rectified in accordance with their recommendations, or for nonpayment of fees which are due on account of Classification, Statutory and Cargo Gear Surveys. Suspension or cancellation of class may take effect immediately or after a specified period of time.

5. **LIMITATION**

ABS makes no representations beyond those contained herein and in the provisions of the request for classification regarding its reports, statements, plan review, surveys, certificates or other services.

6. **TRANSFER OF CLASSIFICATION**

For vessels transferring Classification to ABS, the validity of this interim certificate is subject to the recommendations or conditions of classification previously issued against the vessel being completed as specified by the previous Classification Society and by the due date.

7. **HOLD HARMLESS**

THE PARTY TO WHOM THIS CERTIFICATE IS ISSUED, OR HIS ASSIGNEE OR SUCCESSOR IN INTEREST, AGREES TO RELEASE ABS AND TO INDEMNIFY AND HOLD HARMLESS ABS FROM AND AGAINST ANY AND ALL CLAIMS, DEMANDS, LAWSUITS, OR ACTIONS FOR DAMAGES, INCLUDING LEGAL FEES, TO PERSONS OR OTHER LEGAL ENTITIES AND/OR PROPERTY, TANGIBLE, INTANGIBLE OR OTHERWISE WHICH MAY BE BROUGHT AGAINST ABS INCIDENTAL TO, ARISING OUT OF OR IN CONNECTION WITH THE WORK DONE, SERVICES PERFORMED OR MATERIAL TO BE FURNISHED UNDER THIS CERTIFICATE, EXCEPT FOR THOSE CLAIMS CAUSED SOLELY AND COMPLETELY BY THE NEGLIGENCE OF ABS, ITS AGENTS, EMPLOYEES, OFFICERS, DIRECTORS, OR SUBCONTRACTORS.

ANY OTHER INDIVIDUAL OR PARTY WHO CLAIMS A RIGHT HEREUNDER OR WHO CLAIMS TO BE A BENEFICIARY OF ANY PORTION OF THE SERVICES RENDERED IN CONTEMPLATION OF THIS CERTIFICATE SHALL INDEMNIFY AND HOLD ABS HARMLESS FROM AND AGAINST ALL CLAIMS, DEMANDS, LAWSUITS OR ACTIONS FOR DAMAGES, INCLUDING LEGAL FEES, TO PERSONS AND/OR PROPERTY, TANGIBLE, INTANGIBLE OR OTHERWISE WHICH MAY BE BROUGHT AGAINST ABS BY ANY PERSON OR ENTITY AS A RESULT OF THE SERVICES PERFORMED IN CONTEMPLATION OF THIS CERTIFICATE, EXCEPT FOR THOSE CLAIMS CAUSED SOLELY AND COMPLETELY BY THE NEGLIGENCE OF ABS, ITS AGENTS, EMPLOYEES, OFFICERS, DIRECTORS OR SUBCONTRACTORS.

8. **LIMITATION OF LIABILITY**

THE COMBINED LIABILITY OF AMERICAN BUREAU OF SHIPPING, ITS COMMITTEES, OFFICERS, EMPLOYEES, AGENTS OR SUBCONTRACTORS FOR ANY LOSS, CLAIM OR DAMAGE ARISING FROM ITS NEGLIGENCE OR NONPERFORMANCE OF ANY OF ITS SERVICES OR FROM BREACH OF ANY IMPLIED OR EXPRESS WARRANTY OF WORKMANLIKE PERFORMANCE IN CONNECTION WITH THOSE SERVICES, OR FROM ANY OTHER REASON, TO ANY PERSON, CORPORATION, PARTNERSHIP, BUSINESS ENTITY, SOVEREIGN, COUNTRY OR NATION, WILL BE LIMITED TO THE GREATER OF A) \$1000,000 OR B) AMOUNT EQUAL TO TEN TIMES THE SUM ACTUALLY PAID FOR THE SERVICES ALLEGED TO BE DEFICIENT.

THE LIMITATIONS OF LIABILITY MAY BE INCREASED UP TO AN AMOUNT TWENTY-FIVE TIMES THAT SUM PAID FOR SERVICES UPON RECEIPT OF CLIENT'S WRITTEN REQUEST AT OR BEFORE THE TIME OF PERFORMANCE OF SERVICES AND UPON PAYMENT BY CLIENT OF AN ADDITIONAL FEE OF \$10.00 FOR EVERY \$1,000.00 INCREASE IN LIMITATION.

9. **ARBITRATION**

Any and all differences and disputes of whatsoever nature arising out of this certificate shall be put to arbitration before a board of three persons, consisting of one arbitrator to be appointed by ABS, one by Client and one by the two so chosen. The decision of any two of the three on any point or points shall be final. Until such time as the arbitrators finally close the hearings either party shall have the right by written notice served on the arbitrators and on an office of the other party to specify further disputes or differences under this certificate for hearing and determination. The arbitrators may grant any relief other than punitive damages which they, or an majority of them, deem just and equitable and within the scope of the agreement of the parties, including, but not limited to specific performance. Awards made in pursuance to this clause may include costs including a reasonable allowance for attorney's fees and judgment may be entered upon any award made hereunder in any court having jurisdiction. ABS and Client hereby mutually waive any and all claims to punitive damages in any forum.

Client shall be required to notify ABS within thirty (30) days of the commencement of any arbitration between it and third parties which may concern ABS's work in connection with this certificate and shall afford ABS an opportunity, at ABS's sole option, to participate in the arbitration.

# COPY



COPY

INTERIM CLASS CERTIFICATE

Certificate No.: 0139290-669370-001

Port of Issue: Morgan City

Date: 02 January 2006

THIS IS TO CERTIFY

THAT I HAVE SURVEYED THE DEEPWATER HORIZON

OF Majuro Republic of Marshall Islands  
OFFICIAL NO. 2213, CALL LETTERS V7HC9, AS SHE LAY AFLOAT AT,  
On Location and Drilling Offshore US Gulf of Mexico. ; AND,

~~THAT ALL DUE SURVEYS AND OUTSTANDING RECOMMENDATIONS ON RECORD~~

~~HAVE BEEN COMPLETED; AND,~~

THAT I HAVE TRANSMITTED TO THE COMMITTEE OF THE AMERICAN BUREAU OF SHIPPING,  
NEW YORK, A REPORT STATING THAT I CONSIDER THE VESSEL TO BE FIT; AND,

THAT I HAVE RECOMMENDED THAT THE VESSEL BE CLASSED

**A1, Column Stabilized Drilling Unit, AMS, ACCU, DPS-3**

THIS CERTIFICATE IS VALID UNTIL 31 July 2006, PENDING

Completion of the Special Surveys of Hull and Machinery and the Drydocking Survey.



Gee, Martin, Morgan City Port

SURVEYOR

# AMERICAN BUREAU OF SHIPPING

CHARTERED  
1862



NUMBER  
0139290

## CERTIFICATE OF CLASSIFICATION

DEEPWATER HORIZON

of MAJURO, MARSHALL ISLANDS

Description COLUMN STABILIZED DRILLING UNIT

Dimensions, Length 114M Breadth 78M Depth 41.5M

Tonnage, Gross 32588 Net 9776

Owner TRITON HUNGARY ASSET MANAGEMENT LIMITED LIABILITY COMPANY

Shipbuilder HYUNDAI HEAVY INDUSTRIES CO LTD

Engine Builder WARTSILA NSD FINLAND OY

Year of Build 2001 Hull Number Q339

Unattended Hours = 24

*This is to Certify that the above has been surveyed in accordance with the Rules of this Bureau and entered in the Record with the Class*

☒ A1, Column Stabilized Drilling Unit, ☒ AMS, ☒ ACCU, ☒ DPS-3

02 June 2005

Issue Date

Chief Surveyor/Director  
of Classification

28 February 2006

Expiration Date

Assistant Secretary

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. The classification certificate is a representation only that the vessel, structure, item of material, equipment or machinery or any other item covered by this certificate has met one or more of the Rules of American Bureau of Shipping. The certificate is governed by the terms and conditions on the reverse side hereof, and governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof.

AMERICAN BANK NOTE COMPANY

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027100

CONFIDENTIAL

TRN-MDL-00171621

MODU DEEPWATER HORIZON  
Tel.: 713.232.8262  
Fax: 713.232.8268

**TRANSOCEAN**

# Fax

**To:** Randy Atwood  
Assistant Rig Manager  
Deepwater Horizon

**From:** Captain Brent R. Young  
MODU DEEPWATER HORIZON

**Fax:** 832.587.8758

**Pages:** 3 pages including cover

**Phone:**

**Date:** 7/24/2003

**Re:** ABS Certificate of Class

**CC:**

☐ Urgent    ☒ For Review    ☐ Please Comment    ☐ Please Reply    ☐ Please Recycle

• **Comments:**

RECEIVED TIME JUL.24. 1:44PM

PRINT TIME JUL.24. 1:47PM

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027101

CONFIDENTIAL

TRN-MDL-00171622

# AMERICAN BUREAU OF SHIPPING

CHARTERED  
1862NUMBER  
0139290

## CERTIFICATE OF CLASSIFICATION

DEEPWATER HORIZON

of Panama, PanamaDescription Steel Column Stabilized UnitDimensions, Length 114.000M Breadth 78.000M Depth 41.500MTonnage, Gross 32,588 (ITC-69) Net 9,776 (ITC-69)Owner R & B FALCON DRILLING CO.Shipbuilder HYUNDAI HEAVY INDUSTRIES CO LTDEngine Builder WARTSILA NSD FINLAND OYYear of Build 2001Hull Number Q339Unattend Hours 24,

*This is to Certify that the above has been surveyed in accordance with the Rules of this Bureau and entered in the Record with the Class*

\*A1 Column Stabilized Drilling Unit; \*AMS; \*ACCU; \*CDS; \*DPS-326 April 2001

Issue Date

Chief Surveyor/Director  
of Classification28 February 2006

Expiration Date

Assistant Secretary

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. The classification certificate is a representation only that the vessel, structure, item of material, equipment or machinery or any other item covered by this certificate has met one or more of the Rules of American Bureau of Shipping. The certificate is governed by the terms and conditions on the reverse side hereof, and governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof.

RECEIVED TIME JUL.24. 1:44PM

PRINT TIME JUL.24. 1:47PM

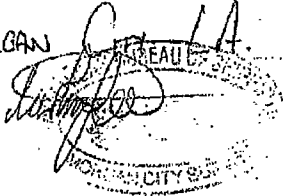
Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027102

CONFIDENTIAL

TRN-MDL-00171623

MORGAN



18<sup>th</sup> MARCH 2002

Green Canyon



Gown

27 FEBRUARY 2003

Wm. Morgan

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027103

CONFIDENTIAL

TRN-MDL-00171624



CSR

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027104

CONFIDENTIAL

TRN-MDL-00171625



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Majuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 28-Dec-2006 as the vessel lay afloat, in order to carry out the survey(s) noted below:

Survey Location: Morgan City

Report	Survey Description	Status	Outstanding
MC783385_A	Annual Machinery Survey 1	Completed	No
MC783385_B	Annual Hull Survey 1	Completed	No
MC783385_C	Annual Automation Survey 1	Completed	No
MC783385_G	Special Continuous Survey - Machinery 2	Commenced	No
MC783385_H	Special Periodical Survey - Automation 2	Commenced	No
MC783385_I	Special Continuous Survey - Hull 2	Commenced	No

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status
0139290-000000-016	Class Certificate	28-Jun-2006	28-Feb-2011	Full Term	Annual Endorsement On 01-Jan-2007

## Closing Paragraph

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

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

Gee Martin

Electronically Signed on 02-Jan-2007

Reviewed By  
Smith, Karl D.

Electronically Signed on 04-Jan-2007, Morgan City Port

JAN 15 2007

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 Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027105

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TRN-MDL-00171626



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

## MC783385\_G : Special Continuous Survey - Machinery 2

To complete Special Continuous Survey - Machinery 2 the following checklist items remains to be dealt with, checklist item sequence numbers 1, 2, 3, 4, 13, 14, 15, 17, 20, 21, 25, 26, 28, 38, 48, 49, 50, 51, 56, 68, 69, 70, 71, 72, 73, 74

## MC783385\_H : Special Periodical Survey - Automation 2

To complete Special Periodical Survey - Automation 2 the following checklist items remains to be dealt with, checklist item sequence numbers 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

## MC783385\_I : 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 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29

## MC783385\_I : Special Continuous Survey - Hull 2

Description	Inspected Type	Inspected By	State
<b>Outfitting</b>			
Air Pipe	Examination	Class	Satisfactory
Breathing Apparatus	Examination	Class	Satisfactory
Companion Way	Examination	Class	Satisfactory
<b>Space</b>			
#1deslit Pit SHAKER ROOM	Examination	Class	Satisfactory
#2deslit Pit SHAKER ROOM	Examination	Class	Satisfactory
Access Trunks	Examination	Class	Satisfactory
Accommodations	Examination	Class	Satisfactory
Ballast Tank 01S PONTOON	Examination	Class	Satisfactory
Ballast Tank 02S PONTOON	Examination	Class	Satisfactory
Ballast Tank 15P PONTOON	Examination	Class	Satisfactory
Ballast Tank 16P PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 16S PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 18P PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 18S PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 19P PONTOON	Overall Survey	Class	Satisfactory
Clean Mud Pit SHAKER ROOM	Examination	Class	Satisfactory
Crane Foundations	Examination	Class	Satisfactory
Degasser Pit SHAKER ROOM	Examination	Class	Satisfactory
Desander Pit SHAKER ROOM	Examination	Class	Satisfactory
Drill Floor Area	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027106

CONFIDENTIAL

TRN-MDL-00171627



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Drill Well Area	Examination	Class	Satisfactory
Elevator Shaft	Examination	Class	Satisfactory
Escape Trunk	Examination	Class	Satisfactory
Fresh Water Day Tank PFWD COLUMN	Examination	Class	Satisfactory
Generator Room PAFT/SAFT	Examination	Class	Satisfactory
Heliport Structure	Examination	Class	Satisfactory
Moon Pools	Examination	Class	Satisfactory
Mud Pit & Mud Pit Area	Examination	Class	Satisfactory
Mud Pit 01 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 02 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 03 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 04 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 05 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 06 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 07 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 08 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 09 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 10 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit	Examination	Class	Satisfactory
Mud Return & Tank Area	Examination	Class	Satisfactory
Store Room	Examination	Class	Satisfactory
Substructure Of Blowout Prevention Stack	Examination	Class	Satisfactory
Substructure Of Storage Area	Examination	Class	Satisfactory
Void A-01-S TRANSV.BRACE	Examination	Class	Satisfactory
Void A-02-S DIAGONAL BRACE	Examination	Class	Satisfactory
Void A-03-S DIAGONAL BRACE	Examination	Class	Satisfactory
Void A-04-S TRANSV.BRACE	Examination	Class	Satisfactory
Void B-01-S SFWD COLUMN IB	Examination	Class	Satisfactory
Void C-07-S SAFT COLUMN FWD	Examination	Class	Satisfactory
Void C-08-S SAFT COLUMN FWD	Examination	Class	Satisfactory
Void C-09-S SAFT COLUMN IB	Examination	Class	Satisfactory
Void C-10-S SAFT COLUMN AFT	Examination	Class	Satisfactory
Void C-11-S SAFT COLUMN AFT	Examination	Class	Satisfactory
Void C-16-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void C-17-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void C-18-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void C-19-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void D-04-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void D-05-S SAFT COLUMN OB	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027107

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TRN-MDL-00171628



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Void D-06-S SAFT COLUMN IB	Examination	Class	Satisfactory
Warehouse Area	Examination	Class	Satisfactory
Waste Oil Tank SAFT COLUMN	Examination	Class	Satisfactory

## MC783385\_G : Special Continuous Survey - Machinery 2

Description	Inspected Type	Inspected By	State
<b>Machinery</b>			
<b>Azimuthal Thruster System</b>			
Main Motor No. 01	Examination	Class	Satisfactory
Main Motor No. 02	Examination	Class	Satisfactory
Thruster Coupling No.01	Examination	Class	Satisfactory
Thruster Coupling No.02	Examination	Class	Satisfactory
<b>Ballast System</b>			
Ballast Pump #1 P FWD	Examination	Class	Satisfactory
Ballast Pump #2 S FWD	Examination	Class	Satisfactory
Ballast Stripping Pump #1 P FWD	Examination	Class	Satisfactory
Ballast Stripping Pump #2 S FWD	Examination	Class	Satisfactory
<b>Bilge System</b>			
Bilge And Stripping Pump Thruster Room No.01	Examination	Class	Satisfactory
Bilge And Stripping Pump Thruster Room No.02	Examination	Class	Satisfactory
Bilge And Stripping Pump Room No.01	Examination	Class	Satisfactory
Bilge And Stripping Pump Room No.02	Examination	Class	Satisfactory
<b>Cooling System</b>			
Aux Fresh Water Cooler #1 P FWD	Examination	Class	Satisfactory
Aux Fresh Water Cooler #2 S FWD	Examination	Class	Satisfactory
Fresh Water Cooler #1THRSTR	Examination	Class	Satisfactory
Fresh Water Cooler #2THRSTR	Examination	Class	Satisfactory
Fresh Water Cooler NO.1	Examination	Class	Satisfactory
Fresh Water Cooler NO.2	Examination	Class	Satisfactory
Fresh Water Cooling Pump #1MAINGEN	Examination	Class	Satisfactory
Fresh Water Cooling Pump #2MAINGEN	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.01 #1MGE HT	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.01 #2MGE HT	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.02 #1MGE LT	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.02 #2MGE LT	Examination	Class	Satisfactory
Fresh Water Heater NO.1	Examination	Class	Satisfactory
Fresh Water Heater NO.2	Examination	Class	Satisfactory
Main Electric Generator Cooler NO.1	Examination	Class	Satisfactory
Main Electric Generator Cooler NO.2	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027108

CONFIDENTIAL

TRN-MDL-00171629



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Main Electric Motor Cooler NO.1	Examination	Class	Satisfactory
<b>Electric Propulsion System</b>			
<b>#1 ENGINE</b>			
Camshaft NO.1	Examination	Class	Satisfactory
Crankcase Relief Valves NO.1	Timing Record	Class	Satisfactory
Crankshaft NO.1	Examination	Class	Satisfactory
	Deflection	Class	Satisfactory
CYLINDER UNIT #01	Examination	Class	Satisfactory
Crank Pin #1	Examination	Class	Satisfactory
Crank Pin Bearing #1	Examination	Class	Satisfactory
Cylinder Head #1	Examination	Class	Satisfactory
Cylinder Relief Valve #1	Examination	Class	Satisfactory
Exhaust Valve #1	Examination	Class	Satisfactory
Fuel Injection Pump #1	Examination	Class	Satisfactory
Fuel Injection Valve #1	Examination	Class	Satisfactory
Intake Valve #1	Examination	Class	Satisfactory
Piston #1	Examination	Class	Satisfactory
Piston Pin #1	Examination	Class	Satisfactory
Piston Pin Bearing #1	Examination	Class	Satisfactory
Piston Rod #1	Examination	Class	Satisfactory
CYLINDER UNIT #02	Examination	Class	Satisfactory
Crank Pin #2	Examination	Class	Satisfactory
Crank Pin Bearing #2	Examination	Class	Satisfactory
Cylinder Head #2	Examination	Class	Satisfactory
Cylinder Liner #2	Examination	Class	Satisfactory
Cylinder Relief Valve #2	Examination	Class	Satisfactory
Exhaust Valve #2	Examination	Class	Satisfactory
Fuel Injection Pump #2	Examination	Class	Satisfactory
Fuel Injection Valve #2	Examination	Class	Satisfactory
Intake Valve #2	Examination	Class	Satisfactory
Piston #2	Examination	Class	Satisfactory
Piston Pin #2	Examination	Class	Satisfactory
Piston Pin Bearing #2	Examination	Class	Satisfactory
Piston Rod #2	Examination	Class	Satisfactory
CYLINDER UNIT #03	Examination	Class	Satisfactory
Crank Pin #3	Examination	Class	Satisfactory
Crank Pin Bearing #3	Examination	Class	Satisfactory
Cylinder Head #3	Examination	Class	Satisfactory
Cylinder Liner #3	Examination	Class	Satisfactory
Cylinder Relief Valve #3	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027109

CONFIDENTIAL

TRN-MDL-00171630



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Exhaust Valve #3	Examination	Class	Satisfactory
Fuel Injection Pump #3	Examination	Class	Satisfactory
Fuel Injection Valve #3	Examination	Class	Satisfactory
Intake Valve #3	Examination	Class	Satisfactory
Piston #3	Examination	Class	Satisfactory
Piston Pin #3	Examination	Class	Satisfactory
Piston Pin Bearing #3	Examination	Class	Satisfactory
Piston Rod #3	Examination	Class	Satisfactory
CYLINDER UNIT #04	Examination	Class	Satisfactory
Crank Pin #4	Examination	Class	Satisfactory
Crank Pin Bearing #4	Examination	Class	Satisfactory
Cylinder Head #4	Examination	Class	Satisfactory
Cylinder Liner #4	Examination	Class	Satisfactory
Cylinder Relief Valve #4	Examination	Class	Satisfactory
Exhaust Valve #4	Examination	Class	Satisfactory
Fuel Injection Pump #4	Examination	Class	Satisfactory
Fuel Injection Valve #4	Examination	Class	Satisfactory
Intake Valve #4	Examination	Class	Satisfactory
Piston #4	Examination	Class	Satisfactory
Piston Pin #4	Examination	Class	Satisfactory
Piston Pin Bearing #4	Examination	Class	Satisfactory
Piston Rod #4	Examination	Class	Satisfactory
CYLINDER UNIT #05	Examination	Class	Satisfactory
Crank Pin #5	Examination	Class	Satisfactory
Crank Pin Bearing #5	Examination	Class	Satisfactory
Cylinder Head #5	Examination	Class	Satisfactory
Cylinder Liner #5	Examination	Class	Satisfactory
Cylinder Relief Valve #5	Examination	Class	Satisfactory
Exhaust Valve #5	Examination	Class	Satisfactory
Fuel Injection Pump #5	Examination	Class	Satisfactory
Fuel Injection Valve #5	Examination	Class	Satisfactory
Intake Valve #5	Examination	Class	Satisfactory
Piston #5	Examination	Class	Satisfactory
Piston Pin #5	Examination	Class	Satisfactory
Piston Pin Bearing #5	Examination	Class	Satisfactory
Piston Rod #5	Examination	Class	Satisfactory
CYLINDER UNIT #06	Examination	Class	Satisfactory
Crank Pin #6	Examination	Class	Satisfactory
Crank Pin Bearing #6	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027110

CONFIDENTIAL

TRN-MDL-00171631



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Cylinder Head #6	Examination	Class	Satisfactory
Cylinder Liner #6	Examination	Class	Satisfactory
Cylinder Relief Valve #6	Examination	Class	Satisfactory
Exhaust Valve #6	Examination	Class	Satisfactory
Fuel Injection Pump #6	Examination	Class	Satisfactory
Fuel Injection Valve #6	Examination	Class	Satisfactory
Intake Valve #6	Examination	Class	Satisfactory
Piston #6	Examination	Class	Satisfactory
Piston Pin #6	Examination	Class	Satisfactory
Piston Pin Bearing #6	Examination	Class	Satisfactory
Piston Rod #6	Examination	Class	Satisfactory
CYLINDER UNIT #07	Examination	Class	Satisfactory
Crank Pin #7	Examination	Class	Satisfactory
Crank Pin Bearing #7	Examination	Class	Satisfactory
Cylinder Head #7	Examination	Class	Satisfactory
Cylinder Liner #7	Examination	Class	Satisfactory
Cylinder Relief Valve #7	Examination	Class	Satisfactory
Exhaust Valve #7	Examination	Class	Satisfactory
Fuel Injection Pump #7	Examination	Class	Satisfactory
Fuel Injection Valve #7	Examination	Class	Satisfactory
Intake Valve #7	Examination	Class	Satisfactory
Piston #7	Examination	Class	Satisfactory
Piston Pin #7	Examination	Class	Satisfactory
Piston Pin Bearing #7	Examination	Class	Satisfactory
Piston Rod #7	Examination	Class	Satisfactory
CYLINDER UNIT #08	Examination	Class	Satisfactory
Crank Pin #8	Examination	Class	Satisfactory
Crank Pin Bearing #8	Examination	Class	Satisfactory
Cylinder Head #8	Examination	Class	Satisfactory
Cylinder Liner #8	Examination	Class	Satisfactory
Cylinder Relief Valve #8	Examination	Class	Satisfactory
Exhaust Valve #8	Examination	Class	Satisfactory
Fuel Injection Pump #8	Examination	Class	Satisfactory
Fuel Injection Valve #8	Examination	Class	Satisfactory
Intake Valve #8	Examination	Class	Satisfactory
Piston #8	Examination	Class	Satisfactory
Piston Pin #8	Examination	Class	Satisfactory
Piston Pin Bearing #8	Examination	Class	Satisfactory
Piston Rod #8	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027111

CONFIDENTIAL

TRN-MDL-00171632





# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

CYLINDER UNIT #09	Examination	Class	Satisfactory
Crank Pin #9	Examination	Class	Satisfactory
Crank Pin Bearing #9	Examination	Class	Satisfactory
Cylinder Head #9	Examination	Class	Satisfactory
Cylinder Liner #9	Examination	Class	Satisfactory
Cylinder Relief Valve #9	Examination	Class	Satisfactory
Exhaust Valve #9	Examination	Class	Satisfactory
Fuel Injection Pump #9	Examination	Class	Satisfactory
Fuel Injection Valve #9	Examination	Class	Satisfactory
Intake Valve #9	Examination	Class	Satisfactory
Piston #9	Examination	Class	Satisfactory
Piston Pin #9	Examination	Class	Satisfactory
Piston Pin Bearing #9	Examination	Class	Satisfactory
Piston Rod #9	Examination	Class	Satisfactory
CYLINDER UNIT #10	Examination	Class	Satisfactory
Crank Pin #10	Examination	Class	Satisfactory
Crank Pin Bearing #10	Examination	Class	Satisfactory
Cylinder Head #10	Examination	Class	Satisfactory
Cylinder Liner #10	Examination	Class	Satisfactory
Cylinder Relief Valve #10	Examination	Class	Satisfactory
Exhaust Valve #10	Examination	Class	Satisfactory
Fuel Injection Pump #10	Examination	Class	Satisfactory
Fuel Injection Valve #10	Examination	Class	Satisfactory
Intake Valve #10	Examination	Class	Satisfactory
Piston #10	Examination	Class	Satisfactory
Piston Pin #10	Examination	Class	Satisfactory
Piston Pin Bearing #10	Examination	Class	Satisfactory
Piston Rod #10	Examination	Class	Satisfactory
CYLINDER UNIT #11	Examination	Class	Satisfactory
Crank Pin #11	Examination	Class	Satisfactory
Crank Pin Bearing #11	Examination	Class	Satisfactory
Cylinder Head #11	Examination	Class	Satisfactory
Cylinder Liner #11	Examination	Class	Satisfactory
Cylinder Relief Valve #11	Examination	Class	Satisfactory
Exhaust Valve #11	Examination	Class	Satisfactory
Fuel Injection Pump #11	Examination	Class	Satisfactory
Fuel Injection Valve #11	Examination	Class	Satisfactory
Intake Valve #11	Examination	Class	Satisfactory
Piston #11	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027112

CONFIDENTIAL

TRN-MDL-00171633



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Piston Pin #11	Examination	Class	Satisfactory
Piston Pin Bearing #11	Examination	Class	Satisfactory
Piston Rod #11	Examination	Class	Satisfactory
CYLINDER UNIT #12	Examination	Class	Satisfactory
Crank Pin #12	Examination	Class	Satisfactory
Crank Pin Bearing #12	Examination	Class	Satisfactory
Cylinder Head #12	Examination	Class	Satisfactory
Cylinder Liner #12	Examination	Class	Satisfactory
Cylinder Relief Valve #12	Examination	Class	Satisfactory
Exhaust Valve #12	Examination	Class	Satisfactory
Fuel Injection Pump #12	Examination	Class	Satisfactory
Fuel Injection Valve #12	Examination	Class	Satisfactory
Intake Valve #12	Examination	Class	Satisfactory
Piston #12	Examination	Class	Satisfactory
Piston Pin #12	Examination	Class	Satisfactory
Piston Pin Bearing #12	Examination	Class	Satisfactory
Piston Rod #12	Examination	Class	Satisfactory
CYLINDER UNIT #13	Examination	Class	Satisfactory
Crank Pin #13	Examination	Class	Satisfactory
Crank Pin Bearing #13	Examination	Class	Satisfactory
Cylinder Head #13	Examination	Class	Satisfactory
Cylinder Liner #13	Examination	Class	Satisfactory
Cylinder Relief Valve #13	Examination	Class	Satisfactory
Exhaust Valve #13	Examination	Class	Satisfactory
Fuel Injection Pump #13	Examination	Class	Satisfactory
Fuel Injection Valve #13	Examination	Class	Satisfactory
Intake Valve #13	Examination	Class	Satisfactory
Piston #13	Examination	Class	Satisfactory
Piston Pin #13	Examination	Class	Satisfactory
Piston Pin Bearing #13	Examination	Class	Satisfactory
Piston Rod #13	Examination	Class	Satisfactory
CYLINDER UNIT #14	Examination	Class	Satisfactory
Crank Pin #14	Examination	Class	Satisfactory
Crank Pin Bearing #14	Examination	Class	Satisfactory
Cylinder Head #14	Examination	Class	Satisfactory
Cylinder Liner #14	Examination	Class	Satisfactory
Cylinder Relief Valve #14	Examination	Class	Satisfactory
Exhaust Valve #14	Examination	Class	Satisfactory
Fuel Injection Pump #14	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027113

CONFIDENTIAL

TRN-MDL-00171634



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Fuel Injection Valve #14	Examination	Class	Satisfactory
Intake Valve #14	Examination	Class	Satisfactory
Piston #14	Examination	Class	Satisfactory
Piston Pin #14	Examination	Class	Satisfactory
Piston Pin Bearing #14	Examination	Class	Satisfactory
Piston Rod #14	Examination	Class	Satisfactory
CYLINDER UNIT #15	Examination	Class	Satisfactory
Crank Pin #15	Examination	Class	Satisfactory
Crank Pin Bearing #15	Examination	Class	Satisfactory
Cylinder Head #15	Examination	Class	Satisfactory
Cylinder Liner #15	Examination	Class	Satisfactory
Cylinder Relief Valve #15	Examination	Class	Satisfactory
Exhaust Valve #15	Examination	Class	Satisfactory
Fuel Injection Pump #15	Examination	Class	Satisfactory
Fuel Injection Valve #15	Examination	Class	Satisfactory
Intake Valve #15	Examination	Class	Satisfactory
Piston #15	Examination	Class	Satisfactory
Piston Pin #15	Examination	Class	Satisfactory
Piston Pin Bearing #15	Examination	Class	Satisfactory
Piston Rod #15	Examination	Class	Satisfactory
CYLINDER UNIT #16	Examination	Class	Satisfactory
Crank Pin #16	Examination	Class	Satisfactory
Crank Pin Bearing #16	Examination	Class	Satisfactory
Cylinder Head #16	Examination	Class	Satisfactory
Cylinder Liner #16	Examination	Class	Satisfactory
Cylinder Relief Valve #16	Examination	Class	Satisfactory
Exhaust Valve #16	Examination	Class	Satisfactory
Fuel Injection Pump #16	Examination	Class	Satisfactory
Fuel Injection Valve #16	Examination	Class	Satisfactory
Intake Valve #16	Examination	Class	Satisfactory
Piston #16	Examination	Class	Satisfactory
Piston Pin #16	Examination	Class	Satisfactory
Piston Pin Bearing #16	Examination	Class	Satisfactory
Piston Rod #16	Examination	Class	Satisfactory
CYLINDER UNIT #17	Examination	Class	Satisfactory
Crank Pin #17	Examination	Class	Satisfactory
Crank Pin Bearing #17	Examination	Class	Satisfactory
Cylinder Head #17	Examination	Class	Satisfactory
Cylinder Liner #17	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027114

CONFIDENTIAL

TRN-MDL-00171635



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2008	Last Visit Date	02-Jan-2007

Cylinder Relief Valve #17	Examination	Class	Satisfactory
Exhaust Valve #17	Examination	Class	Satisfactory
Fuel Injection Pump #17	Examination	Class	Satisfactory
Fuel Injection Valve #17	Examination	Class	Satisfactory
Intake Valve #17	Examination	Class	Satisfactory
Piston #17	Examination	Class	Satisfactory
Piston Pin #17	Examination	Class	Satisfactory
Piston Pin Bearing #17	Examination	Class	Satisfactory
Piston Rod #17	Examination	Class	Satisfactory
CYLINDER UNIT #18	Examination	Class	Satisfactory
Crank Pin #18	Examination	Class	Satisfactory
Crank Pin Bearing #18	Examination	Class	Satisfactory
Cylinder Head #18	Examination	Class	Satisfactory
Cylinder Liner #18	Examination	Class	Satisfactory
Cylinder Relief Valve #18	Examination	Class	Satisfactory
Exhaust Valve #18	Examination	Class	Satisfactory
Fuel Injection Pump #18	Examination	Class	Satisfactory
Fuel Injection Valve #18	Examination	Class	Satisfactory
Intake Valve #18	Examination	Class	Satisfactory
Piston #18	Examination	Class	Satisfactory
Piston Pin #18	Examination	Class	Satisfactory
Piston Pin Bearing #18	Examination	Class	Satisfactory
Piston Rod #18	Examination	Class	Satisfactory
Exhaust Manifold NO.1	Examination	Class	Satisfactory
Foundation Bolts #1 MGE	Examination	Class	Satisfactory
Foundation Chocks #1 MGE	Examination	Class	Satisfactory
Governor #1 MGE	Examination	Class	Satisfactory
Intake Manifold NO.1	Examination	Class	Satisfactory
Lube Oil Pump Attached #1 MGE	Examination	Class	Satisfactory
Main Bearing #01	Examination	Class	Satisfactory
Main Bearing #02	Examination	Class	Satisfactory
Main Bearing #03	Examination	Class	Satisfactory
Main Bearing #04	Examination	Class	Satisfactory
Main Bearing #05	Examination	Class	Satisfactory
Main Bearing #06	Examination	Class	Satisfactory
Main Bearing #07	Examination	Class	Satisfactory
Main Bearing #08	Examination	Class	Satisfactory
Main Bearing #09	Examination	Class	Satisfactory
Main Bearing #10	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027115

CONFIDENTIAL

TRN-MDL-00171636



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0138280
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Turbocharger No 01	Examination	Class	Satisfactory
#2 ENGINE	Examination	Class	Satisfactory
Camshaft NO.2	Timing Record	Class	Satisfactory
Crankcase Relief Valves NO.2	Examination	Class	Satisfactory
Crankshaft NO.2	Deflection	Class	Satisfactory
CYLINDER UNIT #01	Examination	Class	Satisfactory
Crank Pin #1	Examination	Class	Satisfactory
Crank Pin Bearing #1	Examination	Class	Satisfactory
Cylinder Head #1	Examination	Class	Satisfactory
Cylinder Liner #1	Examination	Class	Satisfactory
Cylinder Relief Valve #1	Examination	Class	Satisfactory
Exhaust Valve #1	Examination	Class	Satisfactory
Fuel Injection Pump #1	Examination	Class	Satisfactory
Fuel Injection Valve #1	Examination	Class	Satisfactory
Intake Valve #1	Examination	Class	Satisfactory
Piston #1	Examination	Class	Satisfactory
Piston Pin #1	Examination	Class	Satisfactory
Piston Pin Bearing #1	Examination	Class	Satisfactory
Piston Rod #1	Examination	Class	Satisfactory
CYLINDER UNIT #02	Examination	Class	Satisfactory
Crank Pin #2	Examination	Class	Satisfactory
Crank Pin Bearing #2	Examination	Class	Satisfactory
Cylinder Head #2	Examination	Class	Satisfactory
Cylinder Liner #2	Examination	Class	Satisfactory
Cylinder Relief Valve #2	Examination	Class	Satisfactory
Exhaust Valve #2	Examination	Class	Satisfactory
Fuel Injection Pump #2	Examination	Class	Satisfactory
Fuel Injection Valve #2	Examination	Class	Satisfactory
Intake Valve #2	Examination	Class	Satisfactory
Piston #2	Examination	Class	Satisfactory
Piston Pin #2	Examination	Class	Satisfactory
Piston Pin Bearing #2	Examination	Class	Satisfactory
Piston Rod #2	Examination	Class	Satisfactory
CYLINDER UNIT #03	Examination	Class	Satisfactory
Crank Pin #3	Examination	Class	Satisfactory
Crank Pin Bearing #3	Examination	Class	Satisfactory
Cylinder Head #3	Examination	Class	Satisfactory
Cylinder Liner #3	Examination	Class	Satisfactory
Cylinder Relief Valve #3	Examination	Class	Satisfactory

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TRN-HCJ-00027116

CONFIDENTIAL

TRN-MDL-00171637



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Exhaust Valve #3	Examination	Class	Satisfactory
Fuel Injection Pump #3	Examination	Class	Satisfactory
Fuel Injection Valve #3	Examination	Class	Satisfactory
Intake Valve #3	Examination	Class	Satisfactory
Piston #3	Examination	Class	Satisfactory
Piston Pin #3	Examination	Class	Satisfactory
Piston Pin Bearing #3	Examination	Class	Satisfactory
Piston Rod #3	Examination	Class	Satisfactory
CYLINDER UNIT #04	Examination	Class	Satisfactory
Crank Pin #4	Examination	Class	Satisfactory
Crank Pin Bearing #4	Examination	Class	Satisfactory
Cylinder Head #4	Examination	Class	Satisfactory
Cylinder Liner #4	Examination	Class	Satisfactory
Cylinder Relief Valve #4	Examination	Class	Satisfactory
Exhaust Valve #4	Examination	Class	Satisfactory
Fuel Injection Pump #4	Examination	Class	Satisfactory
Fuel Injection Valve #4	Examination	Class	Satisfactory
Intake Valve #4	Examination	Class	Satisfactory
Piston #4	Examination	Class	Satisfactory
Piston Pin #4	Examination	Class	Satisfactory
Piston Pin Bearing #4	Examination	Class	Satisfactory
Piston Rod #4	Examination	Class	Satisfactory
CYLINDER UNIT #05	Examination	Class	Satisfactory
Crank Pin #5	Examination	Class	Satisfactory
Crank Pin Bearing #5	Examination	Class	Satisfactory
Cylinder Head #5	Examination	Class	Satisfactory
Cylinder Liner #5	Examination	Class	Satisfactory
Cylinder Relief Valve #5	Examination	Class	Satisfactory
Exhaust Valve #5	Examination	Class	Satisfactory
Fuel Injection Pump #5	Examination	Class	Satisfactory
Fuel Injection Valve #5	Examination	Class	Satisfactory
Intake Valve #5	Examination	Class	Satisfactory
Piston #5	Examination	Class	Satisfactory
Piston Pin #5	Examination	Class	Satisfactory
Piston Pin Bearing #5	Examination	Class	Satisfactory
Piston Rod #5	Examination	Class	Satisfactory
CYLINDER UNIT #06	Examination	Class	Satisfactory
Crank Pin #6	Examination	Class	Satisfactory
Crank Pin Bearing #6	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027117

CONFIDENTIAL

TRN-MDL-00171638



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Cylinder Head #6	Examination	Class	Satisfactory
Cylinder Liner #6	Examination	Class	Satisfactory
Cylinder Relief Valve #6	Examination	Class	Satisfactory
Exhaust Valve #6	Examination	Class	Satisfactory
Fuel Injection Pump #6	Examination	Class	Satisfactory
Fuel Injection Valve #6	Examination	Class	Satisfactory
Intake Valve #6	Examination	Class	Satisfactory
Piston #6	Examination	Class	Satisfactory
Piston Pin #6	Examination	Class	Satisfactory
Piston Pin Bearing #6	Examination	Class	Satisfactory
Piston Rod #6	Examination	Class	Satisfactory
CYLINDER UNIT #07	Examination	Class	Satisfactory
Crank Pin #7	Examination	Class	Satisfactory
Crank Pin Bearing #7	Examination	Class	Satisfactory
Cylinder Head #7	Examination	Class	Satisfactory
Cylinder Liner #7	Examination	Class	Satisfactory
Cylinder Relief Valve #7	Examination	Class	Satisfactory
Exhaust Valve #7	Examination	Class	Satisfactory
Fuel Injection Pump #7	Examination	Class	Satisfactory
Fuel Injection Valve #7	Examination	Class	Satisfactory
Intake Valve #7	Examination	Class	Satisfactory
Piston #7	Examination	Class	Satisfactory
Piston Pin #7	Examination	Class	Satisfactory
Piston Pin Bearing #7	Examination	Class	Satisfactory
Piston Rod #7	Examination	Class	Satisfactory
CYLINDER UNIT #08	Examination	Class	Satisfactory
Crank Pin #8	Examination	Class	Satisfactory
Crank Pin Bearing #8	Examination	Class	Satisfactory
Cylinder Head #8	Examination	Class	Satisfactory
Cylinder Liner #8	Examination	Class	Satisfactory
Cylinder Relief Valve #8	Examination	Class	Satisfactory
Exhaust Valve #8	Examination	Class	Satisfactory
Fuel Injection Pump #8	Examination	Class	Satisfactory
Fuel Injection Valve #8	Examination	Class	Satisfactory
Intake Valve #8	Examination	Class	Satisfactory
Piston #8	Examination	Class	Satisfactory
Piston Pin #8	Examination	Class	Satisfactory
Piston Pin Bearing #8	Examination	Class	Satisfactory
Piston Rod #8	Examination	Class	Satisfactory

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TRN-HCJ-00027118

CONFIDENTIAL

TRN-MDL-00171639



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

CYLINDER UNIT #09	Examination	Class	Satisfactory
Crank Pin #9	Examination	Class	Satisfactory
Crank Pin Bearing #9	Examination	Class	Satisfactory
Cylinder Head #9	Examination	Class	Satisfactory
Cylinder Liner #9	Examination	Class	Satisfactory
Cylinder Relief Valve #9	Examination	Class	Satisfactory
Exhaust Valve #9	Examination	Class	Satisfactory
Fuel Injection Pump #9	Examination	Class	Satisfactory
Fuel Injection Valve #9	Examination	Class	Satisfactory
Intake Valve #9	Examination	Class	Satisfactory
Piston #9	Examination	Class	Satisfactory
Piston Pin #9	Examination	Class	Satisfactory
Piston Pin Bearing #9	Examination	Class	Satisfactory
Piston Rod #9	Examination	Class	Satisfactory
CYLINDER UNIT #10	Examination	Class	Satisfactory
Crank Pin #10	Examination	Class	Satisfactory
Crank Pin Bearing #10	Examination	Class	Satisfactory
Cylinder Head #10	Examination	Class	Satisfactory
Cylinder Liner #10	Examination	Class	Satisfactory
Cylinder Relief Valve #10	Examination	Class	Satisfactory
Exhaust Valve #10	Examination	Class	Satisfactory
Fuel Injection Pump #10	Examination	Class	Satisfactory
Fuel Injection Valve #10	Examination	Class	Satisfactory
Intake Valve #10	Examination	Class	Satisfactory
Piston #10	Examination	Class	Satisfactory
Piston Pin #10	Examination	Class	Satisfactory
Piston Pin Bearing #10	Examination	Class	Satisfactory
Piston Rod #10	Examination	Class	Satisfactory
CYLINDER UNIT #11	Examination	Class	Satisfactory
Crank Pin #11	Examination	Class	Satisfactory
Crank Pin Bearing #11	Examination	Class	Satisfactory
Cylinder Head #11	Examination	Class	Satisfactory
Cylinder Liner #11	Examination	Class	Satisfactory
Cylinder Relief Valve #11	Examination	Class	Satisfactory
Exhaust Valve #11	Examination	Class	Satisfactory
Fuel Injection Pump #11	Examination	Class	Satisfactory
Fuel Injection Valve #11	Examination	Class	Satisfactory
Intake Valve #11	Examination	Class	Satisfactory
Piston #11	Examination	Class	Satisfactory

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TRN-HCJ-00027119

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TRN-MDL-00171640





# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Piston Pin #11	Examination	Class	Satisfactory
Piston Pin Bearing #11	Examination	Class	Satisfactory
Piston Rod #11	Examination	Class	Satisfactory
CYLINDER UNIT #12	Examination	Class	Satisfactory
Crank Pin #12	Examination	Class	Satisfactory
Crank Pin Bearing #12	Examination	Class	Satisfactory
Cylinder Head #12	Examination	Class	Satisfactory
Cylinder Liner #12	Examination	Class	Satisfactory
Cylinder Relief Valve #12	Examination	Class	Satisfactory
Exhaust Valve #12	Examination	Class	Satisfactory
Fuel Injection Pump #12	Examination	Class	Satisfactory
Fuel Injection Valve #12	Examination	Class	Satisfactory
Intake Valve #12	Examination	Class	Satisfactory
Piston #12	Examination	Class	Satisfactory
Piston Pin #12	Examination	Class	Satisfactory
Piston Pin Bearing #12	Examination	Class	Satisfactory
Piston Rod #12	Examination	Class	Satisfactory
CYLINDER UNIT #13	Examination	Class	Satisfactory
Crank Pin #13	Examination	Class	Satisfactory
Crank Pin Bearing #13	Examination	Class	Satisfactory
Cylinder Head #13	Examination	Class	Satisfactory
Cylinder Liner #13	Examination	Class	Satisfactory
Cylinder Relief Valve #13	Examination	Class	Satisfactory
Exhaust Valve #13	Examination	Class	Satisfactory
Fuel Injection Pump #13	Examination	Class	Satisfactory
Fuel Injection Valve #13	Examination	Class	Satisfactory
Intake Valve #13	Examination	Class	Satisfactory
Piston #13	Examination	Class	Satisfactory
Piston Pin #13	Examination	Class	Satisfactory
Piston Pin Bearing #13	Examination	Class	Satisfactory
Piston Rod #13	Examination	Class	Satisfactory
CYLINDER UNIT #14	Examination	Class	Satisfactory
Crank Pin #14	Examination	Class	Satisfactory
Crank Pin Bearing #14	Examination	Class	Satisfactory
Cylinder Head #14	Examination	Class	Satisfactory
Cylinder Liner #14	Examination	Class	Satisfactory
Cylinder Relief Valve #14	Examination	Class	Satisfactory
Exhaust Valve #14	Examination	Class	Satisfactory
Fuel Injection Pump #14	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027120

CONFIDENTIAL

TRN-MDL-00171641



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Piston Pin #11	Examination	Class	Satisfactory
Piston Pin Bearing #11	Examination	Class	Satisfactory
Piston Rod #11	Examination	Class	Satisfactory
CYLINDER UNIT #12	Examination	Class	Satisfactory
Crank Pin #12	Examination	Class	Satisfactory
Crank Pin Bearing #12	Examination	Class	Satisfactory
Cylinder Head #12	Examination	Class	Satisfactory
Cylinder Liner #12	Examination	Class	Satisfactory
Cylinder Relief Valve #12	Examination	Class	Satisfactory
Exhaust Valve #12	Examination	Class	Satisfactory
Fuel Injection Pump #12	Examination	Class	Satisfactory
Fuel Injection Valve #12	Examination	Class	Satisfactory
Intake Valve #12	Examination	Class	Satisfactory
Piston #12	Examination	Class	Satisfactory
Piston Pin #12	Examination	Class	Satisfactory
Piston Pin Bearing #12	Examination	Class	Satisfactory
Piston Rod #12	Examination	Class	Satisfactory
CYLINDER UNIT #13	Examination	Class	Satisfactory
Crank Pin #13	Examination	Class	Satisfactory
Crank Pin Bearing #13	Examination	Class	Satisfactory
Cylinder Head #13	Examination	Class	Satisfactory
Cylinder Liner #13	Examination	Class	Satisfactory
Cylinder Relief Valve #13	Examination	Class	Satisfactory
Exhaust Valve #13	Examination	Class	Satisfactory
Fuel Injection Pump #13	Examination	Class	Satisfactory
Fuel Injection Valve #13	Examination	Class	Satisfactory
Intake Valve #13	Examination	Class	Satisfactory
Piston #13	Examination	Class	Satisfactory
Piston Pin #13	Examination	Class	Satisfactory
Piston Pin Bearing #13	Examination	Class	Satisfactory
Piston Rod #13	Examination	Class	Satisfactory
CYLINDER UNIT #14	Examination	Class	Satisfactory
Crank Pin #14	Examination	Class	Satisfactory
Crank Pin Bearing #14	Examination	Class	Satisfactory
Cylinder Head #14	Examination	Class	Satisfactory
Cylinder Liner #14	Examination	Class	Satisfactory
Cylinder Relief Valve #14	Examination	Class	Satisfactory
Exhaust Valve #14	Examination	Class	Satisfactory
Fuel Injection Pump #14	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027121

CONFIDENTIAL

TRN-MDL-00171642



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Fuel Injection Valve #14	Examination	Class	Satisfactory
Intake Valve #14	Examination	Class	Satisfactory
Piston #14	Examination	Class	Satisfactory
Piston Pin #14	Examination	Class	Satisfactory
Piston Pin Bearing #14	Examination	Class	Satisfactory
Piston Rod #14	Examination	Class	Satisfactory
CYLINDER UNIT #15	Examination	Class	Satisfactory
Crank Pin #15	Examination	Class	Satisfactory
Crank Pin Bearing #15	Examination	Class	Satisfactory
Cylinder Head #15	Examination	Class	Satisfactory
Cylinder Liner #15	Examination	Class	Satisfactory
Cylinder Relief Valve #15	Examination	Class	Satisfactory
Exhaust Valve #15	Examination	Class	Satisfactory
Fuel Injection Pump #15	Examination	Class	Satisfactory
Fuel Injection Valve #15	Examination	Class	Satisfactory
Intake Valve #15	Examination	Class	Satisfactory
Piston #15	Examination	Class	Satisfactory
Piston Pin #15	Examination	Class	Satisfactory
Piston Pin Bearing #15	Examination	Class	Satisfactory
Piston Rod #15	Examination	Class	Satisfactory
CYLINDER UNIT #16	Examination	Class	Satisfactory
Crank Pin #16	Examination	Class	Satisfactory
Crank Pin Bearing #16	Examination	Class	Satisfactory
Cylinder Head #16	Examination	Class	Satisfactory
Cylinder Liner #16	Examination	Class	Satisfactory
Cylinder Relief Valve #16	Examination	Class	Satisfactory
Exhaust Valve #16	Examination	Class	Satisfactory
Fuel Injection Pump #16	Examination	Class	Satisfactory
Fuel Injection Valve #16	Examination	Class	Satisfactory
Intake Valve #16	Examination	Class	Satisfactory
Piston #16	Examination	Class	Satisfactory
Piston Pin #16	Examination	Class	Satisfactory
Piston Pin Bearing #16	Examination	Class	Satisfactory
Piston Rod #16	Examination	Class	Satisfactory
CYLINDER UNIT #17	Examination	Class	Satisfactory
Crank Pin #17	Examination	Class	Satisfactory
Crank Pin Bearing #17	Examination	Class	Satisfactory
Cylinder Head #17	Examination	Class	Satisfactory
Cylinder Liner #17	Examination	Class	Satisfactory



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Cylinder Relief Valve #17	Examination	Class	Satisfactory
Exhaust Valve #17	Examination	Class	Satisfactory
Fuel Injection Pump #17	Examination	Class	Satisfactory
Fuel Injection Valve #17	Examination	Class	Satisfactory
Intake Valve #17	Examination	Class	Satisfactory
Piston #17	Examination	Class	Satisfactory
Piston Pin #17	Examination	Class	Satisfactory
Piston Pin Bearing #17	Examination	Class	Satisfactory
Piston Rod #17	Examination	Class	Satisfactory
CYLINDER UNIT #18	Examination	Class	Satisfactory
Crank Pin #18	Examination	Class	Satisfactory
Crank Pin Bearing #18	Examination	Class	Satisfactory
Cylinder Head #18	Examination	Class	Satisfactory
Cylinder Liner #18	Examination	Class	Satisfactory
Cylinder Relief Valve #18	Examination	Class	Satisfactory
Exhaust Valve #18	Examination	Class	Satisfactory
Fuel Injection Pump #18	Examination	Class	Satisfactory
Fuel Injection Valve #18	Examination	Class	Satisfactory
Intake Valve #18	Examination	Class	Satisfactory
Piston #18	Examination	Class	Satisfactory
Piston Pin #18	Examination	Class	Satisfactory
Piston Pin Bearing #18	Examination	Class	Satisfactory
Piston Rod #18	Examination	Class	Satisfactory
Exhaust Manifold NO.2	Examination	Class	Satisfactory
Foundation Bolts #2 MGE	Examination	Class	Satisfactory
Foundation Chocks #2 MGE	Examination	Class	Satisfactory
Governor #2 MGE	Examination	Class	Satisfactory
Intake Manifold NO.2	Examination	Class	Satisfactory
Lube Oil Pump Attached #2 MGE	Examination	Class	Satisfactory
Main Bearing #01	Examination	Class	Satisfactory
Main Bearing #02	Examination	Class	Satisfactory
Main Bearing #03	Examination	Class	Satisfactory
Main Bearing #04	Examination	Class	Satisfactory
Main Bearing #05	Examination	Class	Satisfactory
Main Bearing #06	Examination	Class	Satisfactory
Main Bearing #07	Examination	Class	Satisfactory
Main Bearing #08	Examination	Class	Satisfactory
Main Bearing #09	Examination	Class	Satisfactory
Main Bearing #10	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027123

CONFIDENTIAL

TRN-MDL-00171644



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Turbocharger No 02	Examination	Class	Satisfactory
Generator Trip No 01 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 01 - Undervoltage Protection	Examination	Class	Satisfactory
Generator Trip No 02 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 02 - Undervoltage Protection	Examination	Class	Satisfactory
Main Engine Driven Generator Coupling NO.1	Examination	Class	Satisfactory
Main Engine Driven Generator Coupling NO.2	Examination	Class	Satisfactory
Main Propulsion Generator No. 01	Megger Reading	Class	Satisfactory
	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
Main Propulsion Generator No. 02	Megger Reading	Class	Satisfactory
	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
<b>Fresh Water Cooling System</b>			
Main Fresh Water Circulating Pump No 01 P INBD	Examination	Class	Satisfactory
Main Fresh Water Circulating Pump No 02 P OUTBD	Examination	Class	Satisfactory
<b>Fuel Oil Service System</b>			
Fuel Oil Service Pump Attached #1 MGE	Examination	Class	Satisfactory
Fuel Oil Service Pump Attached #2 MGE	Examination	Class	Satisfactory
<b>Fuel Oil Storage And Transfer System</b>			
Heater For Fuel Oil Purifier #1P INBD	Examination	Class	Satisfactory
Heater For Fuel Oil Purifier #2P OUTBD	Examination	Class	Satisfactory
Transfer Pump S BRINE	Examination	Class	Satisfactory
Transfer Pump SA DRILLW	Examination	Class	Satisfactory
<b>Hydraulic Oil System</b>			
Hydraulic Pump TRANSFER	Examination	Class	Satisfactory
Hydraulic Valve Pump Units #1 P FWD	Examination	Class	Satisfactory
Hydraulic Valve Pump Units #2 S FWD	Examination	Class	Satisfactory
<b>Lubricating Oil Service System</b>			
Lube Oil Pump #1THRUSTR	Examination	Class	Satisfactory
Lube Oil Pump #2THRUSTR	Examination	Class	Satisfactory
Main Lube Oil Cooler #1 MGE	Examination	Class	Satisfactory
Main Lube Oil Cooler #2 MGE	Examination	Class	Satisfactory
Pre-Lube Pump #1 MGE	Examination	Class	Satisfactory
Pre-Lube Pump #2 MGE	Examination	Class	Satisfactory
<b>Sea Water Cooling System</b>			
Main Engine Air Cooler No.01 #1 MGE	Examination	Class	Satisfactory
Main Engine Air Cooler No.01 #2 MGE	Examination	Class	Satisfactory
Main Engine Air Cooler No.02 #1 MGE	Examination	Class	Satisfactory

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TRN-HCJ-00027124

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TRN-MDL-00171645



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Main Engine Air Cooler No.02 #2 MGE	Examination	Class	Satisfactory
Salt Water Cooling Pump #1THRUSTR	Examination	Class	Satisfactory
Salt Water Cooling Pump #2THRUSTR	Examination	Class	Satisfactory
Salt Water Service Pump #1SF FWD	Examination	Class	Satisfactory
Salt Water Service Pump #2PF AFT	Examination	Class	Satisfactory
<b>Starting Air System</b>			
Starting Air Compressor NO.1	Examination	Class	Satisfactory
Starting Air Compressor NO.2	Examination	Class	Satisfactory
Starting Air Tank NO.01			
Starting Air Tank Relief Valve No.01	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
<b>Ventilating Sys Hazardous Area</b>	Examination	Class	Satisfactory
<b>Venting Arrangements</b>	Examination	Class	Satisfactory
<b>Outfitting</b>			
Bearing Clearance Record NO.1	Examination	Class	Satisfactory
Bearing Clearance Record NO.2	Examination	Class	Satisfactory
Camshaft Timing Record NO.1	Examination	Class	Satisfactory
Camshaft Timing Record NO.2	Examination	Class	Satisfactory
International shore connection	Examination	Class	Satisfactory

## MC783385\_H : Special Periodical Survey - Automation 2

Description	Inspected Type	Inspected By	State
<b>Machinery</b>			
<b>Maneuvering Controls</b>	Examination	Class	Satisfactory
	Trials	Class	Satisfactory

## MC783385\_I : Special Continuous Survey - Hull 2

Tank Coating Condition	Coating Description	Current Condition	Previous Condition	Other Means Of Protection
Crane Foundations	Hard Coating	Good		
Elevator Shaft	Hard Coating	Good		
Escape Trunk	Hard Coating	Good		
Void A-01-S TRANSV.BRACE	Hard Coating	Good	09-Nov-2005	Good
Void A-02-S DIAGONAL BRACE	Hard Coating	Good	09-Nov-2005	Good
Void A-03-S DIAGONAL BRACE	Hard Coating	Good	09-Nov-2005	Good
Void A-04-S TRANSV.BRACE	Hard Coating	Good	09-Nov-2005	Good
Void C-07-S SAFT COLUMN FWD	Hard Coating	Good	09-Nov-2005	Good
Void C-08-S SAFT COLUMN FWD	Hard Coating	Good	09-Nov-2005	Good

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TRN-HCJ-00027125

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TRN-MDL-00171646



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Void C-09-S SAFT COLUMN IB	Hard Coating	Good	09-Nov-2005	Good
Void C-10-S SAFT COLUMN AFT	Hard Coating	Good	09-Nov-2005	Good
Void C-11-S SAFT COLUMN AFT	Hard Coating	Good	09-Nov-2005	Good
Void C-16-S SAFT COLUMN OB	Hard Coating	Good		
Void C-17-S SAFT COLUMN OB	Hard Coating	Good		
Void C-18-S SAFT COLUMN OB	Hard Coating	Good		
Void C-19-S SAFT COLUMN OB	Hard Coating	Good		
Void D-04-S SAFT COLUMN OB	Hard Coating	Good		
Void D-05-S SAFT COLUMN OB	Hard Coating	Good		
Void D-06-S SAFT COLUMN IB	Hard Coating	Good		
Ballast Tank 01S PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 02S PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 15P PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 16P PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 16S PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 18P PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 18S PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 19P PONTOON	Hard Coating	Good	09-Nov-2005	Good



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Majuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 28-Dec-2006 as the vessel lay afloat, in order to carry out the survey(s) noted below:

Survey Location: Morgan City

Report	Survey Description	Status	Outstanding
MC783385_A	Annual Machinery Survey 1	Completed	No
MC783385_B	Annual Hull Survey 1	Completed	No
MC783385_C	Annual Automation Survey 1	Completed	No
MC783385_G	Special Continuous Survey - Machinery 2	Commenced	No
MC783385_H	Special Periodical Survey - Automation 2	Commenced	No
MC783385_I	Special Continuous Survey - Hull 2	Commenced	No

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status
0139290-000000-016	Class Certificate	28-Jun-2006	28-Feb-2011	Full Term	Annual Endorsement On 01-Jan-2007

## Closing Paragraph

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

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

Gee Martin

Reviewed By

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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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TRN-MDL-00171648





# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

## MC783385\_G : Special Continuous Survey - Machinery 2

To complete Special Continuous Survey - Machinery 2 the following checklist items remains to be dealt with, checklist item sequence numbers 1, 2, 3, 4, 13, 14, 15, 17, 20, 21, 25, 26, 28, 38, 48, 49, 50, 51, 56, 68, 69, 70, 71, 72, 73, 74

## MC783385\_H : Special Periodical Survey - Automation 2

To complete Special Periodical Survey - Automation 2 the following checklist items remains to be dealt with, checklist item sequence numbers 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

## MC783385\_I : 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 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29

## MC783385\_I : Special Continuous Survey - Hull 2

Description	Inspected Type	Inspected By	State
<b>Outfitting</b>			
Air Pipe	Examination	Class	Satisfactory
Breathing Apparatus	Examination	Class	Satisfactory
Companion Way	Examination	Class	Satisfactory
<b>Space</b>			
#1deslft Pit SHAKER ROOM	Examination	Class	Satisfactory
#2deslft Pit SHAKER ROOM	Examination	Class	Satisfactory
Access Trunks	Examination	Class	Satisfactory
Accommodations	Examination	Class	Satisfactory
Ballast Tank 01S PONTOON	Examination	Class	Satisfactory
Ballast Tank 02S PONTOON	Examination	Class	Satisfactory
Ballast Tank 15P PONTOON	Examination	Class	Satisfactory
Ballast Tank 16P PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 18S PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 18P PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 18S PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 19P PONTOON	Overall Survey	Class	Satisfactory
Clean Mud Pit SHAKER ROOM	Examination	Class	Satisfactory
Crane Foundations	Examination	Class	Satisfactory
Degasser Pit SHAKER ROOM	Examination	Class	Satisfactory
Desander Pit SHAKER ROOM	Examination	Class	Satisfactory
Drill Floor Area	Examination	Class	Satisfactory

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TRN-MDL-00171649



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Drill Well Area	Examination	Class	Satisfactory
Elevator Shaft	Examination	Class	Satisfactory
Escape Trunk	Examination	Class	Satisfactory
Fresh Water Day Tank PFWD COLUMN	Examination	Class	Satisfactory
Generator Room PAFT/SAFT	Examination	Class	Satisfactory
Heliport Structure	Examination	Class	Satisfactory
Moon Pools	Examination	Class	Satisfactory
Mud Pit & Mud Pit Area	Examination	Class	Satisfactory
Mud Pit 01 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 02 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 03 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 04 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 05 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 06 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 07 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 08 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 09 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit 10 MUD PIT ROOM	Examination	Class	Satisfactory
Mud Pit	Examination	Class	Satisfactory
Mud Return & Tank Area	Examination	Class	Satisfactory
Store Room	Examination	Class	Satisfactory
Substructure Of Blowout Prevention Stack	Examination	Class	Satisfactory
Substructure Of Storage Area	Examination	Class	Satisfactory
Void A-01-S TRANSV.BRACE	Examination	Class	Satisfactory
Void A-02-S DIAGONAL BRACE	Examination	Class	Satisfactory
Void A-03-S DIAGONAL BRACE	Examination	Class	Satisfactory
Void A-04-S TRANSV.BRACE	Examination	Class	Satisfactory
Void B-01-S SFWD COLUMN IB	Examination	Class	Satisfactory
Void C-07-S SAFT COLUMN FWD	Examination	Class	Satisfactory
Void C-08-S SAFT COLUMN FWD	Examination	Class	Satisfactory
Void C-09-S SAFT COLUMN IB	Examination	Class	Satisfactory
Void C-10-S SAFT COLUMN AFT	Examination	Class	Satisfactory
Void C-11-S SAFT COLUMN AFT	Examination	Class	Satisfactory
Void C-16-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void C-17-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void C-18-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void C-19-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void D-04-S SAFT COLUMN OB	Examination	Class	Satisfactory
Void D-05-S SAFT COLUMN OB	Examination	Class	Satisfactory

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TRN-MDL-00171650



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Void D-08-S SAFT COLUMN IB  
Warehouse Area  
Waste Oil Tank SAFT COLUMN

Examination	Class	Satisfactory
Examination	Class	Satisfactory
Examination	Class	Satisfactory

## MC783385\_G : Special Continuous Survey - Machinery 2

Description	Inspected Type	Inspected By	State
<b>Machinery</b>			
<b>Azimuthal Thruster System</b>			
Main Motor No. 01	Examination	Class	Satisfactory
Main Motor No. 02	Examination	Class	Satisfactory
Thruster Coupling No.01	Examination	Class	Satisfactory
Thruster Coupling No.02	Examination	Class	Satisfactory
<b>Ballast System</b>			
Ballast Pump #1 P FWD	Examination	Class	Satisfactory
Ballast Pump #2 S FWD	Examination	Class	Satisfactory
Ballast Stripping Pump #1 P FWD	Examination	Class	Satisfactory
Ballast Stripping Pump #2 S FWD	Examination	Class	Satisfactory
<b>Bilge System</b>			
Bilge And Stripping Pump Thruster Room No.01	Examination	Class	Satisfactory
Bilge And Stripping Pump Thruster Room No.02	Examination	Class	Satisfactory
Bilge And Stripping Pump Room No.01	Examination	Class	Satisfactory
Bilge And Stripping Pump Room No.02	Examination	Class	Satisfactory
<b>Cooling System</b>			
Aux Fresh Water Cooler #1 P FWD	Examination	Class	Satisfactory
Aux Fresh Water Cooler #2 S FWD	Examination	Class	Satisfactory
Fresh Water Cooler #1THRUSTR	Examination	Class	Satisfactory
Fresh Water Cooler #2THRUSTR	Examination	Class	Satisfactory
Fresh Water Cooler NO.1	Examination	Class	Satisfactory
Fresh Water Cooler NO.2	Examination	Class	Satisfactory
Fresh Water Cooling Pump #1MAINGEN	Examination	Class	Satisfactory
Fresh Water Cooling Pump #2MAINGEN	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.01 #1MGE HT	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.01 #2MGE HT	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.02 #1MGE LT	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.02 #2MGE LT	Examination	Class	Satisfactory
Fresh Water Heater NO.1	Examination	Class	Satisfactory
Fresh Water Heater NO.2	Examination	Class	Satisfactory
Main Electric Generator Cooler NO.1	Examination	Class	Satisfactory
Main Electric Generator Cooler NO.2	Examination	Class	Satisfactory

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TRN-MDL-00171651



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Main Electric Motor Cooler NO.1	Examination	Class	Satisfactory
Electric Propulsion System			
#1 ENGINE	Examination	Class	Satisfactory
Camshaft NO.1	Timing Record	Class	Satisfactory
Crankcase Relief Valves NO.1	Examination	Class	Satisfactory
Crankshaft NO.1	Deflection	Class	Satisfactory
CYLINDER UNIT #01	Examination	Class	Satisfactory
Crank Pin #1	Examination	Class	Satisfactory
Crank Pin Bearing #1	Examination	Class	Satisfactory
Cylinder Head #1	Examination	Class	Satisfactory
Cylinder Relief Valve #1	Examination	Class	Satisfactory
Exhaust Valve #1	Examination	Class	Satisfactory
Fuel Injection Pump #1	Examination	Class	Satisfactory
Fuel Injection Valve #1	Examination	Class	Satisfactory
Intake Valve #1	Examination	Class	Satisfactory
Piston #1	Examination	Class	Satisfactory
Piston Pin #1	Examination	Class	Satisfactory
Piston Pin Bearing #1	Examination	Class	Satisfactory
Piston Rod #1	Examination	Class	Satisfactory
CYLINDER UNIT #02	Examination	Class	Satisfactory
Crank Pin #2	Examination	Class	Satisfactory
Crank Pin Bearing #2	Examination	Class	Satisfactory
Cylinder Head #2	Examination	Class	Satisfactory
Cylinder Liner #2	Examination	Class	Satisfactory
Cylinder Relief Valve #2	Examination	Class	Satisfactory
Exhaust Valve #2	Examination	Class	Satisfactory
Fuel Injection Pump #2	Examination	Class	Satisfactory
Fuel Injection Valve #2	Examination	Class	Satisfactory
Intake Valve #2	Examination	Class	Satisfactory
Piston #2	Examination	Class	Satisfactory
Piston Pin #2	Examination	Class	Satisfactory
Piston Pin Bearing #2	Examination	Class	Satisfactory
Piston Rod #2	Examination	Class	Satisfactory
CYLINDER UNIT #03	Examination	Class	Satisfactory
Crank Pin #3	Examination	Class	Satisfactory
Crank Pin Bearing #3	Examination	Class	Satisfactory
Cylinder Head #3	Examination	Class	Satisfactory
Cylinder Liner #3	Examination	Class	Satisfactory
Cylinder Relief Valve #3	Examination	Class	Satisfactory

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TRN-HCJ-00027131

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TRN-MDL-00171652



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Exhaust Valve #3	Examination	Class	Satisfactory
Fuel Injection Pump #3	Examination	Class	Satisfactory
Fuel Injection Valve #3	Examination	Class	Satisfactory
Intake Valve #3	Examination	Class	Satisfactory
Piston #3	Examination	Class	Satisfactory
Piston Pin #3	Examination	Class	Satisfactory
Piston Pin Bearing #3	Examination	Class	Satisfactory
Piston Rod #3	Examination	Class	Satisfactory
CYLINDER UNIT #04	Examination	Class	Satisfactory
Crank Pin #4	Examination	Class	Satisfactory
Crank Pin Bearing #4	Examination	Class	Satisfactory
Cylinder Head #4	Examination	Class	Satisfactory
Cylinder Liner #4	Examination	Class	Satisfactory
Cylinder Relief Valve #4	Examination	Class	Satisfactory
Exhaust Valve #4	Examination	Class	Satisfactory
Fuel Injection Pump #4	Examination	Class	Satisfactory
Fuel Injection Valve #4	Examination	Class	Satisfactory
Intake Valve #4	Examination	Class	Satisfactory
Piston #4	Examination	Class	Satisfactory
Piston Pin #4	Examination	Class	Satisfactory
Piston Pin Bearing #4	Examination	Class	Satisfactory
Piston Rod #4	Examination	Class	Satisfactory
CYLINDER UNIT #05	Examination	Class	Satisfactory
Crank Pin #5	Examination	Class	Satisfactory
Crank Pin Bearing #5	Examination	Class	Satisfactory
Cylinder Head #5	Examination	Class	Satisfactory
Cylinder Liner #5	Examination	Class	Satisfactory
Cylinder Relief Valve #5	Examination	Class	Satisfactory
Exhaust Valve #5	Examination	Class	Satisfactory
Fuel Injection Pump #5	Examination	Class	Satisfactory
Fuel Injection Valve #5	Examination	Class	Satisfactory
Intake Valve #5	Examination	Class	Satisfactory
Piston #5	Examination	Class	Satisfactory
Piston Pin #5	Examination	Class	Satisfactory
Piston Pin Bearing #5	Examination	Class	Satisfactory
Piston Rod #5	Examination	Class	Satisfactory
CYLINDER UNIT #06	Examination	Class	Satisfactory
Crank Pin #6	Examination	Class	Satisfactory
Crank Pin Bearing #6	Examination	Class	Satisfactory

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TRN-MDL-00171653



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Cylinder Head #6	Examination	Class	Satisfactory
Cylinder Liner #6	Examination	Class	Satisfactory
Cylinder Relief Valve #6	Examination	Class	Satisfactory
Exhaust Valve #6	Examination	Class	Satisfactory
Fuel Injection Pump #6	Examination	Class	Satisfactory
Fuel Injection Valve #6	Examination	Class	Satisfactory
Intake Valve #6	Examination	Class	Satisfactory
Piston #6	Examination	Class	Satisfactory
Piston Pin #6	Examination	Class	Satisfactory
Piston Pin Bearing #6	Examination	Class	Satisfactory
Piston Rod #6	Examination	Class	Satisfactory
CYLINDER UNIT #07	Examination	Class	Satisfactory
Crank Pin #7	Examination	Class	Satisfactory
Crank Pin Bearing #7	Examination	Class	Satisfactory
Cylinder Head #7	Examination	Class	Satisfactory
Cylinder Liner #7	Examination	Class	Satisfactory
Cylinder Relief Valve #7	Examination	Class	Satisfactory
Exhaust Valve #7	Examination	Class	Satisfactory
Fuel Injection Pump #7	Examination	Class	Satisfactory
Fuel Injection Valve #7	Examination	Class	Satisfactory
Intake Valve #7	Examination	Class	Satisfactory
Piston #7	Examination	Class	Satisfactory
Piston Pin #7	Examination	Class	Satisfactory
Piston Pin Bearing #7	Examination	Class	Satisfactory
Piston Rod #7	Examination	Class	Satisfactory
CYLINDER UNIT #08	Examination	Class	Satisfactory
Crank Pin #8	Examination	Class	Satisfactory
Crank Pin Bearing #8	Examination	Class	Satisfactory
Cylinder Head #8	Examination	Class	Satisfactory
Cylinder Liner #8	Examination	Class	Satisfactory
Cylinder Relief Valve #8	Examination	Class	Satisfactory
Exhaust Valve #8	Examination	Class	Satisfactory
Fuel Injection Pump #8	Examination	Class	Satisfactory
Fuel Injection Valve #8	Examination	Class	Satisfactory
Intake Valve #8	Examination	Class	Satisfactory
Piston #8	Examination	Class	Satisfactory
Piston Pin #8	Examination	Class	Satisfactory
Piston Pin Bearing #8	Examination	Class	Satisfactory
Piston Rod #8	Examination	Class	Satisfactory

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TRN-MDL-00171654



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

CYLINDER UNIT #09	Examination	Class	Satisfactory
Crank Pin #9	Examination	Class	Satisfactory
Crank Pin Bearing #9	Examination	Class	Satisfactory
Cylinder Head #9	Examination	Class	Satisfactory
Cylinder Liner #9	Examination	Class	Satisfactory
Cylinder Relief Valve #9	Examination	Class	Satisfactory
Exhaust Valve #9	Examination	Class	Satisfactory
Fuel Injection Pump #9	Examination	Class	Satisfactory
Fuel Injection Valve #9	Examination	Class	Satisfactory
Intake Valve #9	Examination	Class	Satisfactory
Piston #9	Examination	Class	Satisfactory
Piston Pin #9	Examination	Class	Satisfactory
Piston Pin Bearing #9	Examination	Class	Satisfactory
Piston Rod #9	Examination	Class	Satisfactory
CYLINDER UNIT #10	Examination	Class	Satisfactory
Crank Pin #10	Examination	Class	Satisfactory
Crank Pin Bearing #10	Examination	Class	Satisfactory
Cylinder Head #10	Examination	Class	Satisfactory
Cylinder Liner #10	Examination	Class	Satisfactory
Cylinder Relief Valve #10	Examination	Class	Satisfactory
Exhaust Valve #10	Examination	Class	Satisfactory
Fuel Injection Pump #10	Examination	Class	Satisfactory
Fuel Injection Valve #10	Examination	Class	Satisfactory
Intake Valve #10	Examination	Class	Satisfactory
Piston #10	Examination	Class	Satisfactory
Piston Pin #10	Examination	Class	Satisfactory
Piston Pin Bearing #10	Examination	Class	Satisfactory
Piston Rod #10	Examination	Class	Satisfactory
CYLINDER UNIT #11	Examination	Class	Satisfactory
Crank Pin #11	Examination	Class	Satisfactory
Crank Pin Bearing #11	Examination	Class	Satisfactory
Cylinder Head #11	Examination	Class	Satisfactory
Cylinder Liner #11	Examination	Class	Satisfactory
Cylinder Relief Valve #11	Examination	Class	Satisfactory
Exhaust Valve #11	Examination	Class	Satisfactory
Fuel Injection Pump #11	Examination	Class	Satisfactory
Fuel Injection Valve #11	Examination	Class	Satisfactory
Intake Valve #11	Examination	Class	Satisfactory
Piston #11	Examination	Class	Satisfactory

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TRN-HCJ-00027134

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TRN-MDL-00171655



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Piston Pin #11	Examination	Class	Satisfactory
Piston Pin Bearing #11	Examination	Class	Satisfactory
Piston Rod #11	Examination	Class	Satisfactory
CYLINDER UNIT #12	Examination	Class	Satisfactory
Crank Pin #12	Examination	Class	Satisfactory
Crank Pin Bearing #12	Examination	Class	Satisfactory
Cylinder Head #12	Examination	Class	Satisfactory
Cylinder Liner #12	Examination	Class	Satisfactory
Cylinder Relief Valve #12	Examination	Class	Satisfactory
Exhaust Valve #12	Examination	Class	Satisfactory
Fuel Injection Pump #12	Examination	Class	Satisfactory
Fuel Injection Valve #12	Examination	Class	Satisfactory
Intake Valve #12	Examination	Class	Satisfactory
Piston #12	Examination	Class	Satisfactory
Piston Pin #12	Examination	Class	Satisfactory
Piston Pin Bearing #12	Examination	Class	Satisfactory
Piston Rod #12	Examination	Class	Satisfactory
CYLINDER UNIT #13	Examination	Class	Satisfactory
Crank Pin #13	Examination	Class	Satisfactory
Crank Pin Bearing #13	Examination	Class	Satisfactory
Cylinder Head #13	Examination	Class	Satisfactory
Cylinder Liner #13	Examination	Class	Satisfactory
Cylinder Relief Valve #13	Examination	Class	Satisfactory
Exhaust Valve #13	Examination	Class	Satisfactory
Fuel Injection Pump #13	Examination	Class	Satisfactory
Fuel Injection Valve #13	Examination	Class	Satisfactory
Intake Valve #13	Examination	Class	Satisfactory
Piston #13	Examination	Class	Satisfactory
Piston Pin #13	Examination	Class	Satisfactory
Piston Pin Bearing #13	Examination	Class	Satisfactory
Piston Rod #13	Examination	Class	Satisfactory
CYLINDER UNIT #14	Examination	Class	Satisfactory
Crank Pin #14	Examination	Class	Satisfactory
Crank Pin Bearing #14	Examination	Class	Satisfactory
Cylinder Head #14	Examination	Class	Satisfactory
Cylinder Liner #14	Examination	Class	Satisfactory
Cylinder Relief Valve #14	Examination	Class	Satisfactory
Exhaust Valve #14	Examination	Class	Satisfactory
Fuel Injection Pump #14	Examination	Class	Satisfactory

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# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Fuel Injection Valve #14	Examination	Class	Satisfactory
Intake Valve #14	Examination	Class	Satisfactory
Piston #14	Examination	Class	Satisfactory
Piston Pin #14	Examination	Class	Satisfactory
Piston Pin Bearing #14	Examination	Class	Satisfactory
Piston Rod #14	Examination	Class	Satisfactory
CYLINDER UNIT #15	Examination	Class	Satisfactory
Crank Pin #15	Examination	Class	Satisfactory
Crank Pin Bearing #15	Examination	Class	Satisfactory
Cylinder Head #15	Examination	Class	Satisfactory
Cylinder Liner #15	Examination	Class	Satisfactory
Cylinder Relief Valve #15	Examination	Class	Satisfactory
Exhaust Valve #15	Examination	Class	Satisfactory
Fuel Injection Pump #15	Examination	Class	Satisfactory
Fuel Injection Valve #15	Examination	Class	Satisfactory
Intake Valve #15	Examination	Class	Satisfactory
Piston #15	Examination	Class	Satisfactory
Piston Pin #15	Examination	Class	Satisfactory
Piston Pin Bearing #15	Examination	Class	Satisfactory
Piston Rod #15	Examination	Class	Satisfactory
CYLINDER UNIT #16	Examination	Class	Satisfactory
Crank Pin #16	Examination	Class	Satisfactory
Crank Pin Bearing #16	Examination	Class	Satisfactory
Cylinder Head #16	Examination	Class	Satisfactory
Cylinder Liner #16	Examination	Class	Satisfactory
Cylinder Relief Valve #16	Examination	Class	Satisfactory
Exhaust Valve #16	Examination	Class	Satisfactory
Fuel Injection Pump #16	Examination	Class	Satisfactory
Fuel Injection Valve #16	Examination	Class	Satisfactory
Intake Valve #16	Examination	Class	Satisfactory
Piston #16	Examination	Class	Satisfactory
Piston Pin #16	Examination	Class	Satisfactory
Piston Pin Bearing #16	Examination	Class	Satisfactory
Piston Rod #16	Examination	Class	Satisfactory
CYLINDER UNIT #17	Examination	Class	Satisfactory
Crank Pin #17	Examination	Class	Satisfactory
Crank Pin Bearing #17	Examination	Class	Satisfactory
Cylinder Head #17	Examination	Class	Satisfactory
Cylinder Liner #17	Examination	Class	Satisfactory

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TRN-MDL-00171657



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Cylinder Relief Valve #17	Examination	Class	Satisfactory
Exhaust Valve #17	Examination	Class	Satisfactory
Fuel Injection Pump #17	Examination	Class	Satisfactory
Fuel Injection Valve #17	Examination	Class	Satisfactory
Intake Valve #17	Examination	Class	Satisfactory
Piston #17	Examination	Class	Satisfactory
Piston Pin #17	Examination	Class	Satisfactory
Piston Pin Bearing #17	Examination	Class	Satisfactory
Piston Rod #17	Examination	Class	Satisfactory
CYLINDER UNIT #18	Examination	Class	Satisfactory
Crank Pin #18	Examination	Class	Satisfactory
Crank Pin Bearing #18	Examination	Class	Satisfactory
Cylinder Head #18	Examination	Class	Satisfactory
Cylinder Liner #18	Examination	Class	Satisfactory
Cylinder Relief Valve #18	Examination	Class	Satisfactory
Exhaust Valve #18	Examination	Class	Satisfactory
Fuel Injection Pump #18	Examination	Class	Satisfactory
Fuel Injection Valve #18	Examination	Class	Satisfactory
Intake Valve #18	Examination	Class	Satisfactory
Piston #18	Examination	Class	Satisfactory
Piston Pin #18	Examination	Class	Satisfactory
Piston Pin Bearing #18	Examination	Class	Satisfactory
Piston Rod #18	Examination	Class	Satisfactory
Exhaust Manifold NO.1	Examination	Class	Satisfactory
Foundation Bolts #1 MGE	Examination	Class	Satisfactory
Foundation Chocks #1 MGE	Examination	Class	Satisfactory
Governor #1 MGE	Examination	Class	Satisfactory
Intake Manifold NO.1	Examination	Class	Satisfactory
Lube Oil Pump Attached #1 MGE	Examination	Class	Satisfactory
Main Bearing #01	Examination	Class	Satisfactory
Main Bearing #02	Examination	Class	Satisfactory
Main Bearing #03	Examination	Class	Satisfactory
Main Bearing #04	Examination	Class	Satisfactory
Main Bearing #05	Examination	Class	Satisfactory
Main Bearing #06	Examination	Class	Satisfactory
Main Bearing #07	Examination	Class	Satisfactory
Main Bearing #08	Examination	Class	Satisfactory
Main Bearing #09	Examination	Class	Satisfactory
Main Bearing #10	Examination	Class	Satisfactory

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TRN-MDL-00171658



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Turbocharger No 01	Examination	Class	Satisfactory
#2 ENGINE	Examination	Class	Satisfactory
Camshaft NO.2	Timing Record	Class	Satisfactory
Crankcase Relief Valves NO.2	Examination	Class	Satisfactory
Crankshaft NO.2	Deflection	Class	Satisfactory
CYLINDER UNIT #01	Examination	Class	Satisfactory
Crank Pin #1	Examination	Class	Satisfactory
Crank Pin Bearing #1	Examination	Class	Satisfactory
Cylinder Head #1	Examination	Class	Satisfactory
Cylinder Liner #1	Examination	Class	Satisfactory
Cylinder Relief Valve #1	Examination	Class	Satisfactory
Exhaust Valve #1	Examination	Class	Satisfactory
Fuel Injection Pump #1	Examination	Class	Satisfactory
Fuel Injection Valve #1	Examination	Class	Satisfactory
Intake Valve #1	Examination	Class	Satisfactory
Piston #1	Examination	Class	Satisfactory
Piston Pin #1	Examination	Class	Satisfactory
Piston Pin Bearing #1	Examination	Class	Satisfactory
Piston Rod #1	Examination	Class	Satisfactory
CYLINDER UNIT #02	Examination	Class	Satisfactory
Crank Pin #2	Examination	Class	Satisfactory
Crank Pin Bearing #2	Examination	Class	Satisfactory
Cylinder Head #2	Examination	Class	Satisfactory
Cylinder Liner #2	Examination	Class	Satisfactory
Cylinder Relief Valve #2	Examination	Class	Satisfactory
Exhaust Valve #2	Examination	Class	Satisfactory
Fuel Injection Pump #2	Examination	Class	Satisfactory
Fuel Injection Valve #2	Examination	Class	Satisfactory
Intake Valve #2	Examination	Class	Satisfactory
Piston #2	Examination	Class	Satisfactory
Piston Pin #2	Examination	Class	Satisfactory
Piston Pin Bearing #2	Examination	Class	Satisfactory
Piston Rod #2	Examination	Class	Satisfactory
CYLINDER UNIT #03	Examination	Class	Satisfactory
Crank Pin #3	Examination	Class	Satisfactory
Crank Pin Bearing #3	Examination	Class	Satisfactory
Cylinder Head #3	Examination	Class	Satisfactory
Cylinder Liner #3	Examination	Class	Satisfactory
Cylinder Relief Valve #3	Examination	Class	Satisfactory

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# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Exhaust Valve #3	Examination	Class	Satisfactory
Fuel Injection Pump #3	Examination	Class	Satisfactory
Fuel Injection Valve #3	Examination	Class	Satisfactory
Intake Valve #3	Examination	Class	Satisfactory
Piston #3	Examination	Class	Satisfactory
Piston Pin #3	Examination	Class	Satisfactory
Piston Pin Bearing #3	Examination	Class	Satisfactory
Piston Rod #3	Examination	Class	Satisfactory
CYLINDER UNIT #04	Examination	Class	Satisfactory
Crank Pin #4	Examination	Class	Satisfactory
Crank Pin Bearing #4	Examination	Class	Satisfactory
Cylinder Head #4	Examination	Class	Satisfactory
Cylinder Liner #4	Examination	Class	Satisfactory
Cylinder Relief Valve #4	Examination	Class	Satisfactory
Exhaust Valve #4	Examination	Class	Satisfactory
Fuel Injection Pump #4	Examination	Class	Satisfactory
Fuel Injection Valve #4	Examination	Class	Satisfactory
Intake Valve #4	Examination	Class	Satisfactory
Piston #4	Examination	Class	Satisfactory
Piston Pin #4	Examination	Class	Satisfactory
Piston Pin Bearing #4	Examination	Class	Satisfactory
Piston Rod #4	Examination	Class	Satisfactory
CYLINDER UNIT #05	Examination	Class	Satisfactory
Crank Pin #5	Examination	Class	Satisfactory
Crank Pin Bearing #5	Examination	Class	Satisfactory
Cylinder Head #5	Examination	Class	Satisfactory
Cylinder Liner #5	Examination	Class	Satisfactory
Cylinder Relief Valve #5	Examination	Class	Satisfactory
Exhaust Valve #5	Examination	Class	Satisfactory
Fuel Injection Pump #5	Examination	Class	Satisfactory
Fuel Injection Valve #5	Examination	Class	Satisfactory
Intake Valve #5	Examination	Class	Satisfactory
Piston #5	Examination	Class	Satisfactory
Piston Pin #5	Examination	Class	Satisfactory
Piston Pin Bearing #5	Examination	Class	Satisfactory
Piston Rod #5	Examination	Class	Satisfactory
CYLINDER UNIT #06	Examination	Class	Satisfactory
Crank Pin #6	Examination	Class	Satisfactory
Crank Pin Bearing #6	Examination	Class	Satisfactory

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TRN-MDL-00171660



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Cylinder Head #6	Examination	Class	Satisfactory
Cylinder Liner #6	Examination	Class	Satisfactory
Cylinder Relief Valve #6	Examination	Class	Satisfactory
Exhaust Valve #6	Examination	Class	Satisfactory
Fuel Injection Pump #6	Examination	Class	Satisfactory
Fuel Injection Valve #6	Examination	Class	Satisfactory
Intake Valve #6	Examination	Class	Satisfactory
Piston #6	Examination	Class	Satisfactory
Piston Pin #6	Examination	Class	Satisfactory
Piston Pin Bearing #6	Examination	Class	Satisfactory
Piston Rod #6	Examination	Class	Satisfactory
CYLINDER UNIT #07	Examination	Class	Satisfactory
Crank Pin #7	Examination	Class	Satisfactory
Crank Pin Bearing #7	Examination	Class	Satisfactory
Cylinder Head #7	Examination	Class	Satisfactory
Cylinder Liner #7	Examination	Class	Satisfactory
Cylinder Relief Valve #7	Examination	Class	Satisfactory
Exhaust Valve #7	Examination	Class	Satisfactory
Fuel Injection Pump #7	Examination	Class	Satisfactory
Fuel Injection Valve #7	Examination	Class	Satisfactory
Intake Valve #7	Examination	Class	Satisfactory
Piston #7	Examination	Class	Satisfactory
Piston Pin #7	Examination	Class	Satisfactory
Piston Pin Bearing #7	Examination	Class	Satisfactory
Piston Rod #7	Examination	Class	Satisfactory
CYLINDER UNIT #08	Examination	Class	Satisfactory
Crank Pin #8	Examination	Class	Satisfactory
Crank Pin Bearing #8	Examination	Class	Satisfactory
Cylinder Head #8	Examination	Class	Satisfactory
Cylinder Liner #8	Examination	Class	Satisfactory
Cylinder Relief Valve #8	Examination	Class	Satisfactory
Exhaust Valve #8	Examination	Class	Satisfactory
Fuel Injection Pump #8	Examination	Class	Satisfactory
Fuel Injection Valve #8	Examination	Class	Satisfactory
Intake Valve #8	Examination	Class	Satisfactory
Piston #8	Examination	Class	Satisfactory
Piston Pin #8	Examination	Class	Satisfactory
Piston Pin Bearing #8	Examination	Class	Satisfactory
Piston Rod #8	Examination	Class	Satisfactory

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TRN-HCJ-00027140

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TRN-MDL-00171661



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

CYLINDER UNIT #09	Examination	Class	Satisfactory
Crank Pin #9	Examination	Class	Satisfactory
Crank Pin Bearing #9	Examination	Class	Satisfactory
Cylinder Head #9	Examination	Class	Satisfactory
Cylinder Liner #9	Examination	Class	Satisfactory
Cylinder Relief Valve #9	Examination	Class	Satisfactory
Exhaust Valve #9	Examination	Class	Satisfactory
Fuel Injection Pump #9	Examination	Class	Satisfactory
Fuel Injection Valve #9	Examination	Class	Satisfactory
Intake Valve #9	Examination	Class	Satisfactory
Piston #9	Examination	Class	Satisfactory
Piston Pin #9	Examination	Class	Satisfactory
Piston Pin Bearing #9	Examination	Class	Satisfactory
Piston Rod #9	Examination	Class	Satisfactory
CYLINDER UNIT #10	Examination	Class	Satisfactory
Crank Pin #10	Examination	Class	Satisfactory
Crank Pin Bearing #10	Examination	Class	Satisfactory
Cylinder Head #10	Examination	Class	Satisfactory
Cylinder Liner #10	Examination	Class	Satisfactory
Cylinder Relief Valve #10	Examination	Class	Satisfactory
Exhaust Valve #10	Examination	Class	Satisfactory
Fuel Injection Pump #10	Examination	Class	Satisfactory
Fuel Injection Valve #10	Examination	Class	Satisfactory
Intake Valve #10	Examination	Class	Satisfactory
Piston #10	Examination	Class	Satisfactory
Piston Pin #10	Examination	Class	Satisfactory
Piston Pin Bearing #10	Examination	Class	Satisfactory
Piston Rod #10	Examination	Class	Satisfactory
CYLINDER UNIT #11	Examination	Class	Satisfactory
Crank Pin #11	Examination	Class	Satisfactory
Crank Pin Bearing #11	Examination	Class	Satisfactory
Cylinder Head #11	Examination	Class	Satisfactory
Cylinder Liner #11	Examination	Class	Satisfactory
Cylinder Relief Valve #11	Examination	Class	Satisfactory
Exhaust Valve #11	Examination	Class	Satisfactory
Fuel Injection Pump #11	Examination	Class	Satisfactory
Fuel Injection Valve #11	Examination	Class	Satisfactory
Intake Valve #11	Examination	Class	Satisfactory
Piston #11	Examination	Class	Satisfactory

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TRN-MDL-00171662



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Piston Pin #11	Examination	Class	Satisfactory
Piston Pin Bearing #11	Examination	Class	Satisfactory
Piston Rod #11	Examination	Class	Satisfactory
CYLINDER UNIT #12	Examination	Class	Satisfactory
Crank Pin #12	Examination	Class	Satisfactory
Crank Pin Bearing #12	Examination	Class	Satisfactory
Cylinder Head #12	Examination	Class	Satisfactory
Cylinder Liner #12	Examination	Class	Satisfactory
Cylinder Relief Valve #12	Examination	Class	Satisfactory
Exhaust Valve #12	Examination	Class	Satisfactory
Fuel Injection Pump #12	Examination	Class	Satisfactory
Fuel Injection Valve #12	Examination	Class	Satisfactory
Intake Valve #12	Examination	Class	Satisfactory
Piston #12	Examination	Class	Satisfactory
Piston Pin #12	Examination	Class	Satisfactory
Piston Pin Bearing #12	Examination	Class	Satisfactory
Piston Rod #12	Examination	Class	Satisfactory
CYLINDER UNIT #13	Examination	Class	Satisfactory
Crank Pin #13	Examination	Class	Satisfactory
Crank Pin Bearing #13	Examination	Class	Satisfactory
Cylinder Head #13	Examination	Class	Satisfactory
Cylinder Liner #13	Examination	Class	Satisfactory
Cylinder Relief Valve #13	Examination	Class	Satisfactory
Exhaust Valve #13	Examination	Class	Satisfactory
Fuel Injection Pump #13	Examination	Class	Satisfactory
Fuel Injection Valve #13	Examination	Class	Satisfactory
Intake Valve #13	Examination	Class	Satisfactory
Piston #13	Examination	Class	Satisfactory
Piston Pin #13	Examination	Class	Satisfactory
Piston Pin Bearing #13	Examination	Class	Satisfactory
Piston Rod #13	Examination	Class	Satisfactory
CYLINDER UNIT #14	Examination	Class	Satisfactory
Crank Pin #14	Examination	Class	Satisfactory
Crank Pin Bearing #14	Examination	Class	Satisfactory
Cylinder Head #14	Examination	Class	Satisfactory
Cylinder Liner #14	Examination	Class	Satisfactory
Cylinder Relief Valve #14	Examination	Class	Satisfactory
Exhaust Valve #14	Examination	Class	Satisfactory
Fuel Injection Pump #14	Examination	Class	Satisfactory

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TRN-MDL-00171663



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Fuel Injection Valve #14	Examination	Class	Satisfactory
Intake Valve #14	Examination	Class	Satisfactory
Piston #14	Examination	Class	Satisfactory
Piston Pin #14	Examination	Class	Satisfactory
Piston Pin Bearing #14	Examination	Class	Satisfactory
Piston Rod #14	Examination	Class	Satisfactory
CYLINDER UNIT #15	Examination	Class	Satisfactory
Crank Pin #15	Examination	Class	Satisfactory
Crank Pin Bearing #15	Examination	Class	Satisfactory
Cylinder Head #15	Examination	Class	Satisfactory
Cylinder Liner #15	Examination	Class	Satisfactory
Cylinder Relief Valve #15	Examination	Class	Satisfactory
Exhaust Valve #15	Examination	Class	Satisfactory
Fuel Injection Pump #15	Examination	Class	Satisfactory
Fuel Injection Valve #15	Examination	Class	Satisfactory
Intake Valve #15	Examination	Class	Satisfactory
Piston #15	Examination	Class	Satisfactory
Piston Pin #15	Examination	Class	Satisfactory
Piston Pin Bearing #15	Examination	Class	Satisfactory
Piston Rod #15	Examination	Class	Satisfactory
CYLINDER UNIT #16	Examination	Class	Satisfactory
Crank Pin #16	Examination	Class	Satisfactory
Crank Pin Bearing #16	Examination	Class	Satisfactory
Cylinder Head #16	Examination	Class	Satisfactory
Cylinder Liner #16	Examination	Class	Satisfactory
Cylinder Relief Valve #16	Examination	Class	Satisfactory
Exhaust Valve #16	Examination	Class	Satisfactory
Fuel Injection Pump #16	Examination	Class	Satisfactory
Fuel Injection Valve #16	Examination	Class	Satisfactory
Intake Valve #16	Examination	Class	Satisfactory
Piston #16	Examination	Class	Satisfactory
Piston Pin #16	Examination	Class	Satisfactory
Piston Pin Bearing #16	Examination	Class	Satisfactory
Piston Rod #16	Examination	Class	Satisfactory
CYLINDER UNIT #17	Examination	Class	Satisfactory
Crank Pin #17	Examination	Class	Satisfactory
Crank Pin Bearing #17	Examination	Class	Satisfactory
Cylinder Head #17	Examination	Class	Satisfactory
Cylinder Liner #17	Examination	Class	Satisfactory

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TRN-HCJ-00027143

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TRN-MDL-00171664





# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Cylinder Relief Valve #17	Examination	Class	Satisfactory
Exhaust Valve #17	Examination	Class	Satisfactory
Fuel Injection Pump #17	Examination	Class	Satisfactory
Fuel Injection Valve #17	Examination	Class	Satisfactory
Intake Valve #17	Examination	Class	Satisfactory
Piston #17	Examination	Class	Satisfactory
Piston Pin #17	Examination	Class	Satisfactory
Piston Pin Bearing #17	Examination	Class	Satisfactory
Piston Rod #17	Examination	Class	Satisfactory
CYLINDER UNIT #18	Examination	Class	Satisfactory
Crank Pin #18	Examination	Class	Satisfactory
Crank Pin Bearing #18	Examination	Class	Satisfactory
Cylinder Head #18	Examination	Class	Satisfactory
Cylinder Liner #18	Examination	Class	Satisfactory
Cylinder Relief Valve #18	Examination	Class	Satisfactory
Exhaust Valve #18	Examination	Class	Satisfactory
Fuel Injection Pump #18	Examination	Class	Satisfactory
Fuel Injection Valve #18	Examination	Class	Satisfactory
Intake Valve #18	Examination	Class	Satisfactory
Piston #18	Examination	Class	Satisfactory
Piston Pin #18	Examination	Class	Satisfactory
Piston Pin Bearing #18	Examination	Class	Satisfactory
Piston Rod #18	Examination	Class	Satisfactory
Exhaust Manifold NO.2	Examination	Class	Satisfactory
Foundation Bolts #2 MGE	Examination	Class	Satisfactory
Foundation Chocks #2 MGE	Examination	Class	Satisfactory
Governor #2 MGE	Examination	Class	Satisfactory
Intake Manifold NO.2	Examination	Class	Satisfactory
Lube Oil Pump Attached #2 MGE	Examination	Class	Satisfactory
Main Bearing #01	Examination	Class	Satisfactory
Main Bearing #02	Examination	Class	Satisfactory
Main Bearing #03	Examination	Class	Satisfactory
Main Bearing #04	Examination	Class	Satisfactory
Main Bearing #05	Examination	Class	Satisfactory
Main Bearing #06	Examination	Class	Satisfactory
Main Bearing #07	Examination	Class	Satisfactory
Main Bearing #08	Examination	Class	Satisfactory
Main Bearing #09	Examination	Class	Satisfactory
Main Bearing #10	Examination	Class	Satisfactory

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# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Turbocharger No 02	Examination	Class	Satisfactory
Generator Trip No 01 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 01 - Undervoltage Protection	Examination	Class	Satisfactory
Generator Trip No 02 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 02 - Undervoltage Protection	Examination	Class	Satisfactory
Main Engine Driven Generator Coupling NO.1	Examination	Class	Satisfactory
Main Engine Driven Generator Coupling NO.2	Examination	Class	Satisfactory
Main Propulsion Generator No. 01	Megger Reading	Class	Satisfactory
	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
Main Propulsion Generator No. 02	Megger Reading	Class	Satisfactory
	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
<b>Fresh Water Cooling System</b>			
Main Fresh Water Circulating Pump No 01 P INBD	Examination	Class	Satisfactory
Main Fresh Water Circulating Pump No 02 P OUTBD	Examination	Class	Satisfactory
<b>Fuel Oil Service System</b>			
Fuel Oil Service Pump Attached #1 MGE	Examination	Class	Satisfactory
Fuel Oil Service Pump Attached #2 MGE	Examination	Class	Satisfactory
<b>Fuel Oil Storage And Transfer System</b>			
Heater For Fuel Oil Purifier #1P INBD	Examination	Class	Satisfactory
Heater For Fuel Oil Purifier #2P OUTBD	Examination	Class	Satisfactory
Transfer Pump S BRINE	Examination	Class	Satisfactory
Transfer Pump SA DRILLW	Examination	Class	Satisfactory
<b>Hydraulic Oil System</b>			
Hydraulic Pump TRANSFER	Examination	Class	Satisfactory
Hydraulic Valve Pump Units #1 P FWD	Examination	Class	Satisfactory
Hydraulic Valve Pump Units #2 S FWD	Examination	Class	Satisfactory
<b>Lubricating Oil Service System</b>			
Lube Oil Pump #1THRUSTR	Examination	Class	Satisfactory
Lube Oil Pump #2THRUSTR	Examination	Class	Satisfactory
Main Lube Oil Cooler #1 MGE	Examination	Class	Satisfactory
Main Lube Oil Cooler #2 MGE	Examination	Class	Satisfactory
Pre-Lube Pump #1 MGE	Examination	Class	Satisfactory
Pre-Lube Pump #2 MGE	Examination	Class	Satisfactory
<b>Sea Water Cooling System</b>			
Main Engine Air Cooler No.01 #1 MGE	Examination	Class	Satisfactory
Main Engine Air Cooler No.01 #2 MGE	Examination	Class	Satisfactory
Main Engine Air Cooler No.02 #1 MGE	Examination	Class	Satisfactory

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# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Main Engine Air Cooler No.02 #2 MGE	Examination	Class	Satisfactory
Salt Water Cooling Pump #1THRUSTR	Examination	Class	Satisfactory
Salt Water Cooling Pump #2THRUSTR	Examination	Class	Satisfactory
Salt Water Service Pump #1SF FWD	Examination	Class	Satisfactory
Salt Water Service Pump #2PF AFT	Examination	Class	Satisfactory
<b>Starting Air System</b>			
Starting Air Compressor NO.1	Examination	Class	Satisfactory
Starting Air Compressor NO.2	Examination	Class	Satisfactory
Starting Air Tank NO.01			
Starting Air Tank Relief Valve No.01	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
<b>Ventilating Sys Hazardous Area</b>	Examination	Class	Satisfactory
<b>Venting Arrangements</b>	Examination	Class	Satisfactory
<b>Outfitting</b>			
Bearing Clearance Record NO.1	Examination	Class	Satisfactory
Bearing Clearance Record NO.2	Examination	Class	Satisfactory
Camshaft Timing Record NO.1	Examination	Class	Satisfactory
Camshaft Timing Record NO.2	Examination	Class	Satisfactory
International shore connection	Examination	Class	Satisfactory

## MC783385\_H : Special Periodical Survey - Automation 2

Description	Inspected Type	Inspected By	State
<b>Machinery</b>			
<b>Manuvering Controls</b>	Examination	Class	Satisfactory
	Trials	Class	Satisfactory

## MC783385\_I : Special Continuous Survey - Hull 2

Tank Coating Condition	Coating Description	Current Condition	Previous Condition	Other Means Of Protection
Crane Foundations	Hard Coating	Good		
Elevator Shaft	Hard Coating	Good		
Escape Trunk	Hard Coating	Good		
Void A-01-S TRANSV.BRACE	Hard Coating	Good	09-Nov-2005	Good
Void A-02-S DIAGONAL BRACE	Hard Coating	Good	09-Nov-2005	Good
Void A-03-S DIAGONAL BRACE	Hard Coating	Good	09-Nov-2005	Good
Void A-04-S TRANSV.BRACE	Hard Coating	Good	09-Nov-2005	Good
Void C-07-S SAFT COLUMN FWD	Hard Coating	Good	09-Nov-2005	Good
Void C-08-S SAFT COLUMN FWD	Hard Coating	Good	09-Nov-2005	Good

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**AMERICAN BUREAU OF SHIPPING  
CLASS SURVEY REPORT**

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Void C-09-S SAFT COLUMN IB	Hard Coating	Good	09-Nov-2005	Good
Void C-10-S SAFT COLUMN AFT	Hard Coating	Good	09-Nov-2005	Good
Void C-11-S SAFT COLUMN AFT	Hard Coating	Good	09-Nov-2005	Good
Void C-16-S SAFT COLUMN OB	Hard Coating	Good		
Void C-17-S SAFT COLUMN OB	Hard Coating	Good		
Void C-18-S SAFT COLUMN OB	Hard Coating	Good		
Void C-19-S SAFT COLUMN OB	Hard Coating	Good		
Void D-04-S SAFT COLUMN OB	Hard Coating	Good		
Void D-05-S SAFT COLUMN OB	Hard Coating	Good		
Void D-06-S SAFT COLUMN IB	Hard Coating	Good		
Ballast Tank 01S PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 02S PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 15P PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 16P PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 16S PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 18P PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 18S PONTOON	Hard Coating	Good	09-Nov-2005	Good
Ballast Tank 19P PONTOON	Hard Coating	Good	09-Nov-2005	Good

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# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Majeuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 30-May-2006 as the vessel lay afloat, in order to carry out the survey(s) noted below:

Survey Location: Offshore Morgan City

Report	Survey Description	Status	Outstanding
MC715055_B	Annual Hull Survey 5	Completed	No
MC715055_C	Annual Automation Survey 5	Completed	No
MC715055_D	Special Continuous Survey Machinery 1	Completed	No
MC715055_E	Special Periodical Survey - Hull 1	Completed	No
MC715055_F	Annual Machinery Survey 5	Completed	No
MC715055_G	Special Periodical Survey - Automation 1	Completed	No
MC715055_J	Survey for Compliance - Class	Completed	No
MC715055_L	UWILD Drydocking Survey	Completed	No

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status
0139290-715055-001	Class Certificate	11-Jun-2006	11-Nov-2008	Interim	Issued

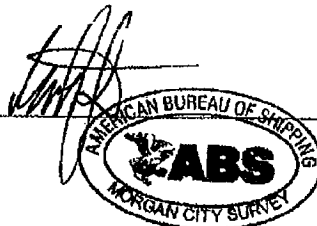
## Closing Paragraph

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

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

Gee Martin

Reviewed By



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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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# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

## MC715055\_J : Survey for Compliance - Class

### 1380 Structural

Opened In Report	MC669370_L - Drydocking Survey - UWILD	18-Jan-2006	Morgan City, LA
Closed In Report	MC715055_J - Survey for Compliance - Class	12-Jun-2006	Morgan City, LA
Due By	Drydocking Survey - UWILD, 31-Jul-2006	Recommendation	Closed
Found	UWILD Survey commenced with a satisfactory drysearch of all pontoon ballast tanks.		
Recommendation	Prior to completion of the UWILD Survey, extended to 31 July 2006, the following to be carried out to the satisfaction of the attending Surveyor. 1. Submittal and approval by ABS Offshore Survey Manager of a UWILD plan. 2. Underwater inspection by diver equipped with video of the underwater parts of the hulls. 3. NDE of the critical welded connections on the lower hulls and upper hull to the satisfaction of the attending Surveyor. 4. Internal inspection of all seachests, sea suction valves and overboard valves. 5. Thickness gauging as required of suspect areas on the underwater plating and satisfactory review of any gauging report generated. 6. External inspection of the propulsion thrusters. 7. Satisfactory review of the completed divers report and video record.		

**Rectification (Full)** Referring to Morgan City Report No MC669370\_L - Drydocking Survey - UWILD 18-Jan-2006.  
The Outstanding Recommendation contained in the above report was re-examined and dealt with to the satisfaction of the attending Surveyor, to be converted to CLOSED status in the Record.  
UWILD Survey satisfactorily completed as per attached narrative report.

### 1381 Structural

Opened In Report	MC669370_B - Annual Hull Survey 5	18-Jan-2006	Morgan City, LA
Closed In Report	MC715055_J - Survey for Compliance - Class	12-Jun-2006	Morgan City, LA
Due By	Special Periodical Survey - Hull 1, 31-Jul-2006	Recommendation	Closed
Found	Annual Surveys of Hull, Machinery and Automation commenced.		
Recommendation	The Annual Surveys of Hull, Automation and Machinery may be credited on completion of the Special Surveys of Hull and Machinery, extended until 31 July 2006.		

**Rectification (Full)** Referring to Morgan City Report MC669370\_B - Annual Hull Survey 5 18-Jan-2006.  
The Outstanding Recommendations contained in the above report re-examined and dealt with to the satisfaction of the attending Surveyor, to be converted to CLOSED status on the Record.  
Special Surveys of Hull and Machinery completed, Annual Surveys duly credited.

### 1382 Structural

Opened In Report	MC669370_U - Gauging Survey - Class	18-Jan-2006	Morgan City, LA
Closed In Report	MC715055_J - Survey for Compliance - Class	12-Jun-2006	Morgan City, LA
Due By	Special Periodical Survey - Hull 1, 31-Jul-2006	Recommendation	Closed
Found	No Hull Gaugings were taken as no suspect areas were during the examinations in		

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TRN-MDL-00171670



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

association with Special Hull Survey so far. An examination of the underwater parts of the hull from the 23m draught down to the bottom of the pontoons remains to complete.

**Recommendation** Prior to completion of the Gauging Survey in association with the Special Survey of Hull, extended to 31 July 2006, any suspect areas noted during the examination of the exterior surfaces of the columns and pontoons from the 23m draught mark down to the bottom of the pontoons to be gauged to the satisfaction of the attending Surveyor.

**Rectification (Full)** Referring to Morgan City Report No MC669370\_U - Gauging Survey - Class 18-Jan-2006. The Outstanding Recommendation noted in the above report re-examined and dealt with to the satisfaction of the attending Surveyor, to be converted to CLOSED status on the Record.  
No Hull Thickness Gauging found necessary.

## MC715055\_L : Drydocking Survey - UWILD

### Statement/Observation

1393 A UWILD examination was carried out in accordance with ABS Rules for Building and Classing Mobile Offshore Drilling Units 2006 on the MODU "Deepwater Horizon" on the 30th May 2006 and subsequent dates. The survey was carried out in accordance with Transocean UWILD Plan dated 27th Jan 2006, approved by ABS Offshore Survey Managers email dated 14th Feb 2006. The diving company was US Underwater Services, (ABS Approval Cert No HS518550, Approved Date 07-May-2004, Expiration Date 07-May-2007. Prior to commencement of diving operations, a kickoff meeting was held with the divers, covering the survey sequence, terminology, orientation of the diver and NDE techniques. Certifications for the divers carrying out the Mag particle testing and the Eddy Current Testing on the structural connections were reviewed and found in order. Prior to the dives the permanent mag yokes were satisfactorily tested with a 40 lb test plate and at the beginning and end of each leg connection NDE, the mag yoke field strength was tested with a pie gauge and found to be acceptable. The Eddy Current equipment calibration certificates were reviewed and found satisfactory. The Deepwater Horizon is a 5th Generation Dynamically Positioned, self propelled Semi Submersible. The structural arrangements consist of two longitudinal pontoons connected to the watertight deck structure with four columns. The pontoons are braced together in way of opposite columns at the forward and aft ends. A tubular horizontal diagonal brace connects the cross brace to the pontoon at each corner. The entire underwater hull of the Unit was examined by diver equipped with a helmet mounted video camera, including column and pontoon shell plating and structural connections of the columns to pontoons, transverse brace to pontoons and diagonal brace to cross braces. Spot cleaning was carried out of the welded connections and areas of the shell plating as necessary. The plating and connections were checked for indents, visible fractures, corrosion or undue deterioration with none noted. The pontoons are fitted with eight (8) azimuthing thrusters, two each at the forward and aft ends of each pontoon. The thrusters were spot cleaned and externally examined including the azimuth bearing ring bolting ring, checking for security of the fasteners, the internal and external surfaces of the Kort nozzle, the lower gearbox housing and security of bolting arrangements and the thruster struts. The propeller blades were examined for damage to the blades and hub. The Port Forward Quadrant of the Unit was selected for NDE of the structural connections. The examinations were carried out as follows:

- Column to Pontoon weld connection, NDE by means of eddy current linear extent of 5 ft in way of each corner, approx 2.5 ft

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# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

each side with 1 ft of the connection in way of the corner grit blasted and subject to wet magnetic particle as a backup. Close visual inspection of the remainder of the connection.

- Pontoon to horizontal cross brace, NDE by means of eddy current linear extent of 5 ft in way of each corner, approx 2.5 ft each side with 1 ft of the connection in way of the corner grit blasted and subject to wet magnetic particle NDE as a backup. Close visual inspection of the remainder of the connection.

- Horizontal Diagonal Brace to Pontoon connection. NDE by means of eddy current linear extent of 5 ft at the clock positions, with 1 ft of each of the clock positions grit blasted and subject to wet magnetic particle NDE as a backup. Close visual inspection of the remainder of the connection.

- Horizontal Diagonal Brace to Horizontal Cross Brace connection. NDE by means of eddy current linear extent of 5 ft at the clock positions, with 1 ft of each of the clock positions grit blasted and subject to wet magnetic particle NDE as a backup. Close visual inspection of the remainder of the connection.

In association with the Special Survey of Hull, the pontoon pumproom seachest valves and overboards, the column overboards and the HIPAP valves were cleaned, plugged and opened out for examination, all being found satisfactory as follows:

## Starboard Forward Quadrant

- Starboard forward inboard sea chest.

• 313V #2 SW Service Pump Suction (11.8?)

• 312V Marine Growth Prevention Discharge (.58?)

• Air Purge Discharge (1.57?)

- Over boards on inboard quadrant of the starboard forward.

• 311V #1 Thruster FW Cooler Overboard Discharge (5.9?) unknown labeling on the Outer Hull.

## Starboard Forward Outboard sea chest.

• 317V #4 SW Service Pump Suction (11.8?)

• 316V Marine Growth Prevention System Discharge (.58?)

• 315V Sea Chest Vent (2.56?)

• 303V Starboard Fwd Ballast Pump Suction (11.8?)

• Air Purge Discharge (2.56?)

- Over boards on outboard quadrant of the starboard forward.

• 326V #2 Thruster FW Cooler Overboard Discharge (5.9?)

• 314V Sea Chest Vent (2.56?) labeled S3 on the outer hull

• 302V Central Priming Unit Overboard Discharge (.79?)

• 301V Starboard Fwd Overboard Discharge (9.8?)

• DG Draft Gauge (2.56?) labeled D.G. on the outer hull

## Starboard Aft Quadrant

- Starboard aft inboard sea chest.

• 429V #8 SW Service Pump Suction (11.8?)

• 428V Marine Growth Prevention (.68?)

• Air Purge Discharge (1.57?)

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# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

- Inboard quadrant of the starboard aft.
- 427V #4 Thruster FW Cooler Overboard Discharge (5.9?)
- Water blast/Open/Plug starboard aft outboard sea chest.
- 416V #6 SW Service Pump Suction (11.8?)
- 415V Marine Growth Prevention Discharge (.59?)
- 414V Sea Chest Vent (2.56?)
- 404V Ballast Pump Suction (11.8?)
- Air Purge Discharge (2.56?)
- Out board quadrant of the starboard aft.
- 413V Sea Chest Vent (2.56?) labeled as S4 on the outer hull
- 412V #3 Thruster FW Cooler Overboard Discharge (5.9?)
- 406V Ballast Overboard Discharge (9.8?) labeled as S2 on the outer hull
- 404V Central Priming Unit Overboard Discharge (.79?) labeled S10 on the outer hull
- DG Draft Gauge (2.56?) labeled as D.G.
- 
- Port Aft Quadrant
- Port aft Inboard sea chest.
- 230V #7 Salt Water Service Pump Suction (11.8?)
- 228V Marine Growth Prevention System Discharge (.59?)
- Air Purge Discharge (1.57?)
- Inboard quadrant of the port aft.
- 228V Thruster Fresh Water Cooler Overboard Discharge (5.9?)
- 
- Port aft outboard sea chest.
- 216V #5 Salt Water Service Pump Suction (11.8?)
- 215V Marine Growth Prevention Discharge (.59?)
- 214V Sea Chest Vent (2.56?)
- 212V Port Aft Ballast Pump Suction (11.8?)
- Air Purge Discharge (2.56?)
- Over boards on outboard quadrant of the port aft.
- 216V Port Aft Overboard Discharge (9.8?) labeled P2 on the outer hull
- 213V Sea Chest Vent (2.56?) labeled P4 on the outer hull
- 204V Central Priming Unit Overboard Discharge (.79?) labeled P10 on the outer hull DG Draft Gauge (2.56?) labeled D.G. on the outer hull
- 212V #6 Thruster FW Cooler Overboard Discharge (5.9?) labeled P8 on the outer hull
- 
- Port Forward Quadrant
- Port fwd Inboard sea chest.
- 107V #1 Salt Water Service Pump Suction (11.8?)

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# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

- 108V Marine Growth Prevention System Discharge (.59?)
- Air Purge Discharge (1.57?)

Over boards on inboard quadrant of the port fwd.

- 105V Thruster FW Cooler Overboard Discharge (5.9?) labeled as P5 on the outer hull
- Water blast/Open/Plug port fwd outboard sea chest.
- 122V Sea Chest Vent (2.56?)
- 121V Marine Growth Prevention System Discharge (.59?)
- 119V SW Service Pump Suction (11.8?)
- 115V Port Forward Ballast Pump Suction (11.8?)
- Air Purge Discharge (2.56?)

Over boards on out board quadrant of the port fwd.

- 127V Thruster FW Cooler Overboard Discharge (5.9?) labeled as P7 on the outer hull
- 120V Sea Chest Vent (2.56?) labeled as P3 on the outer hull
- 114V Central Priming Unit Overboard Discharge (.79?) labeled as P6 on the outer hull
- 113V Port Forward Ballast Overboard Discharge (8.8?) unknown labeling on the outer hull
- DG Draft Gauge (2.56?) labeled as D.G. on the outer hull.

Column Overboard valves in the Port and Stbd, Forward and Aft columns at the 24m and 28.5m flats were opened out, cleaned and examined. All eight (8) of the bronze 150mm Thruster Cooling Water Overboard SDNR Valves located at the 12m flats on all four columns were found damaged and were replaced with valves meeting ABS Rules for MODU Overboard Discharge valves. The Grey water stop check overboard valves on the Port and Stbd Forward Columns and the black water stop check overboard valves were found damaged and were also renewed. The Stbd Aft Column Oil Water Separator overboard was likewise found damaged and was renewed.

Finally, all 31 anodes were replaced with 10 kg sizes on all the thruster nozzles and lower gearboxes. Security of welds were verified as necessary.

The dives were recorded on video with suitable verbal identification of the visual inspection and NDE locations, together with introductions and conclusions. No suspect areas requiring thickness gauging were noted.

The UWILD Survey was carried out satisfactorily with no damage or indications noted and may be considered complete.

## MC715055\_D : Special Continuous Survey Machinery 1

Description	Inspected Type	Inspected By	State
Machinery			
Azimuthal Thruster System	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
Azimuth Thruster No.01	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
Azimuth Thruster No.02	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory

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TRN-MDL-00171674



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0129290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

Azimuth Thruster No.03	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
Azimuth Thruster No.07	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
Azimuth Thruster No.08	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
Thruster Coupling No.01	Examination	Class	Satisfactory
Thruster Coupling No.02	Examination	Class	Satisfactory
Thruster Coupling No.03	Examination	Class	Satisfactory
Thruster Coupling No.07	Examination	Class	Satisfactory
<b>Ballast System</b>			
Sea Chests	Examination	Class	Satisfactory
<b>Bilge System</b>			
Bilge And Stripping Pump Room No.01	Examination	Class	Satisfactory
Bilge And Stripping Pump Room No.02	Examination	Class	Satisfactory
<b>Temporary Mooring System</b>			
Anchor Windlass PFWD/PAFT	Examination	Class	Satisfactory
Anchor Windlass SFWD/SAFT	Examination	Class	Satisfactory
Anchor Chains PFWD/PAFT	Examination	Class	Satisfactory
Anchor Chains SFWD/SAFT	Examination	Class	Satisfactory
Anchor PFWD/PAFT	Examination	Class	Satisfactory
Anchor SFWD/SAFT	Examination	Class	Satisfactory

## MC715055\_E : Special Periodical Survey - Hull 1

Description	Inspected Type	Inspected By	State
<b>Space</b>			
Column P AFT	Examination	Class	Satisfactory
Column P FWD	Examination	Class	Satisfactory
Column S AFT	Examination	Class	Satisfactory
Column S FWD	Examination	Class	Satisfactory
Hull In Way Of Fairleads	Examination	Class	Satisfactory
Hull In Way Of Keel Cooler	Examination	Class	Satisfactory
Hull In Way Of Outrig	Examination	Class	Satisfactory
Main Hull	Thk. Meas	Class	Satisfactory
Sponsons	Examination	Class	Satisfactory
<b>Structural</b>			
Bottom Shell	Examination	Class	Satisfactory
Connections Of Column	Examination	Class	Satisfactory
Side Shell	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027154

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TRN-MDL-00171675



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Majeuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 30-May-2006 as the vessel lay afloat, in order to carry out the inspection(s) noted below:

Survey Location: Offshore Morgan City

Report	Survey Description	Status	Outstanding
MC715055_A	Cargo Gear Survey	Completed	No
MC715055_H	Renewal Survey - MODU 1	Completed	No
MC715055_I	Renewal Load Line Survey 1	Completed	No
MC715055_K	Survey for Compliance - Statutory	Completed	No
MC715055_M	Lightweight Survey	Completed	No
MC715055_N	Elevator - Initial Survey	Completed	No

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status	Freeboard Assignment (Tonnes) State	Deadweight
0139290-715055-002	International Load Line Certificate (HSSC)	11-Jun-2006	28-Feb-2011	Full Term	Issued	Active	0.00
0139290-715055-004	Mobile Offshore Drilling Unit Safety Certificate (1889)	11-Jun-2006	28-Feb-2011	Full Term	Issued		
0139290-715055-005	Shipboard Elevator Certificate	11-Jun-2006			Issued		

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

Gee Martin

Reviewed By



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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 Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027155

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TRN-MDL-00171676



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

## MC715055\_A : Cargo Gear Survey

### Statement/Observation

1392 Annual Cargo Gear credited to correct an omission made during attendance on 18th January 2006 per Morgan City Report No MC 669370.

## MC715055\_K : Survey for Compliance - Statutory

### 1377 Structural

Opened In Report	MC669370_H - Renewal Survey - MODU 1	18-Jan-2006	Morgan City, LA
Closed In Report	MC715055_K - Survey for Compliance - Statutory	12-Jun-2006	Morgan City, LA
Due By	Renewal Survey - MODU 1, 31-Jul-2006	Minor	Closed
Found	No evidence that the Unit has undergone a deadweight survey in compliance with paragraph 3.1.5 of the 1989 IMO MODU Code.		
Recommendation	Prior to completion of the 1989 MOCU Code Safety Certificate Renewal Survey, extended to 31 July 2006, the Unit is to undergo a deadweight survey in accordance with an ABS approved procedure, to the satisfaction of the attending Surveyor.		
Rectification (Full)	Referring to Morgan City Report No MC669370_H - Renewal Survey - MODU 1, dated 18-Jan-2006. The Outstanding Deficiency noted in the above report re-examined and dealt with to the satisfaction of the attending Surveyor, to be converted to CLOSED status on the Record. Deadweight Survey carried out as per accompanying narrative report.		

### 1379 Structural

Opened In Report	MC669370_H - Renewal Survey - MODU 1	18-Jan-2006	Morgan City, LA
Closed In Report	MC715055_K - Survey for Compliance - Statutory	12-Jun-2006	Morgan City, LA
Due By	Renewal Survey - MODU 1, 31-Jul-2006	Minor	Closed
Found	Special Surveys of Hull and Machinery and a Drydocking Survey not completed.		
Recommendation	Prior to completion of the 1989 MODU Code Renewal Survey, extended to 31 July 2006, the Special Surveys of Hull and Machinery and the Drydocking Survey to be carried out to the satisfaction of the attending Surveyor.		
Rectification (Full)	Referring to Morgan City Report No MC669370_H - Renewal Survey - MODU 1 18-Jan-2006. The Outstanding recommendation contained in the above report was re-examined and dealt with to the satisfaction of the attending Surveyor, to be converted to CLOSED status in the Record. Special Surveys of Hull and Machinery and UWILD Surveys satisfactorily completed.		

## MC715055\_M : Lightweight Survey

### Statement/Observation

A B Report B - Preliminary

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TRN-HCJ-00027156

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TRN-MDL-00171677



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC715055
First Visit Date	30-May-2006	Last Visit Date	12-Jun-2006

## 1395 Lightweight Survey

A Deadweight Survey was carried out in accordance with Noble Denton Deadweight plan Rev 1, approved by ABS OED letter dated 7th March 2006 as follows:

1. Weights to deduct, add and relocate were checked by the undersigned and found in accordance with Noble Denton Spreadsheet.
2. Unit tanks, voids and bilges were checked and found empty, pressed up or slack as in accordance with the Deadweight Calculations.
3. Draught marks were read, weather conditions were suitable with sea and swell combination > 1m. Wind conditions acceptable at > 10kts. Thrusters shut down.
4. Nobel Denton Deadweight Test Report dated 9th June 2006 reviewed and found satisfactory. The difference between the observed and calculated lightweights was found to be less than 1% of the operating displacement at the 23m drilling draft.
5. Spreadsheets and calculation sheets endorsed. Deadweight Survey results accepted. 1989 MODU Code Criteria met.

## MC715055\_N : Elevator - Initial Survey

### Statement/Observation

- 1397 An Initial Survey was carried out for administrative purposes in order to re-issue the Elevator Certificate which was originally issued with the ABS Ulsan New Construction Report No UL 10885-H-X dated 23 Feb 2001 but was not set up within O2K at the time due to an oversight.

## MC715055\_A : Cargo Gear Survey

Description	Inspected Type	Inspected By	State
<b>Machinery</b>			
<b>Cargo Gear System</b>			
Gantry Crane	Annual. Insp.	Class	Satisfactory
Pipehandler Crane	Annual. Insp.	Class	Satisfactory
Port Crane	Annual. Insp.	Class	Satisfactory
Starboard Crane	Annual. Insp.	Class	Satisfactory

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**AMERICAN BUREAU OF SHIPPING  
CLASS SURVEY REPORT****COPY**

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Majeuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 28-Dec-2005 as the vessel lay afloat, in order to carry out the survey(s) noted below:

Survey Location: Morgan City

Report	Survey Description	Status	Outstanding
MC669370_A	Annual Machinery Survey 5	Commenced	No
MC669370_B	Annual Hull Survey 5	Commenced	Yes
MC669370_C	Annual Automation Survey 5	Commenced	No
MC669370_D	Special Continuous Survey Machinery 1	Commenced	No
MC669370_E	Special Periodical Survey - Hull 1	Commenced	No
MC669370_F	Special Periodical Survey - Automation 1	Commenced	No
MC669370_L	UWILD Drydocking Survey	Commenced	Yes
MC669370_P	Extension Survey (Class) - Drydocking Survey Drydocking Survey Ext Date 31-Jul-2006	Completed	No
MC669370_Q	Extension Survey (Class) - Special Continuous Survey Machinery 1 Special Continuous Survey Machinery 1 Ext Date 31-Jul-2006	Completed	No
MC669370_R	Extension Survey (Class) - Special Periodical Survey - Hull 1 Special Periodical Survey - Hull 1 Ext Date 31-Jul-2006	Completed	No
MC669370_U	Gauging Survey - Class	Commenced	Yes

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status
0139290-669370-001	Class Certificate	02-Jan-2006	31-Jul-2006	Interim	Issued

**Closing Paragraph**

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

\*Total Pages including Checksheets: Page 1 of \_\_\_\_\_ (Internal ABS distribution only)

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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TRN-HCJ-00027158

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TRN-MDL-00171679



**AMERICAN BUREAU OF SHIPPING  
CLASS SURVEY REPORT**

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

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

Gee Martin

Electronically Signed on 18-Jan-2006

Reviewed By  
Smith, Karl D.

Electronically Signed on 19-Jan-2006, Morgan City Port

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027159

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TRN-MDL-00171680





# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

## Outstanding Recommendations

It is recommended that the following outstanding recommendations be dealt with to the satisfaction of the attending Surveyor as follows:

Number	Due by Survey	Due by Date
1380	Drydocking Survey	22-Feb-2006
1381, 1382	Special Periodical Survey - Hull 1	28-Feb-2006

## MC669370\_B : Annual Hull Survey 5

### 1381 Structural

Opened In Report	MC669370_B - Annual Hull Survey 5	18-Jan-2006	Morgan City, LA
Due By	Special Periodical Survey - Hull 1, 28-Feb-2006	Condition of Class	Outstanding
Found	Annual Surveys of Hull, Machinery and Automation commenced.		
Recommendation	The Annual Surveys of Hull, Automation and Machinery may be credited on completion of the Special Surveys of Hull and Machinery, extended until 31 July 2006.		

### Rectification

## MC669370\_L : Drydocking Survey

### 1380 Structural

Opened In Report	MC669370_L - Drydocking Survey	18-Jan-2006	Morgan City, LA
Due By	Drydocking Survey, 22-Feb-2006	Condition of Class	Outstanding
Found	UWILD Survey commenced with a satisfactory drysearch of all pontoon ballast tanks.		
Recommendation	Prior to completion of the UWILD Survey, extended to 31 July 2006, the following to be carried out to the satisfaction of the attending Surveyor. 1. Submittal and approval by ABS Offshore Survey Manager of a UWILD plan. 2. Underwater inspection by diver equipped with video of the underwater parts of the hulls. 3. NDE of the critical welded connections on the lower hulls and upper hull to the satisfaction of the attending Surveyor. 4. Internal inspection of all seachests, sea suction valves and overboard valves. 5. Thickness gauging as required of suspect areas on the underwater plating and satisfactory review of any gauging report generated. 6. External inspection of the propulsion thrusters. 7. Satisfactory review of the completed divers report and video record.		

### Rectification

## MC669370\_R : Extension Survey (Class) - Special Periodical Survey - Hull 1

### Statement/Observation

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027160

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TRN-MDL-00171681



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

- 1385** In accordance with the instructions provided in ABS Offshore Survey Managers email dated 15th Dec 2005, surveys for extension of the due dates of the Special Surveys of Hull and Machinery and the UWILD Survey were satisfactorily completed as follows:
1. The requirements of the Special Hull and Machinery Surveys were completed to the maximum extent possible and no deficiencies were noted insofar as the examinations permitted.
  2. An Interim Class Certificate was issued, valid until 31 July 2006, pending Completion of the UWILD Survey and Special Surveys.

## MC669370\_U : Gauging Survey - Class

**1382 Structural**

Opened In Report	MC669370_U - Gauging Survey - Class	18-Jan-2006	Morgan City, LA
Due By	Special Periodical Survey - Hull 1, 28-Feb-2006	Condition of Class	Outstanding
Found	No Hull Gaugings were taken as no suspect areas were during the examinations in association with Special Hull Survey so far. An examination of the underwater parts of the hull from the 23m draught down to the bottom of the pontoons remains to complete.		
Recommendation	Prior to completion of the Gauging Survey in association with the Special Survey of Hull, extended to 31 July 2006, any suspect areas noted during the examination of the exterior surfaces of the columns and pontoons from the 23m draught mark down to the bottom of the pontoons to be gauged to the satisfaction of the attending Surveyor.		
Rectification			

## MC669370\_D : Special Continuous Survey Machinery 1

Description	Inspected Type	Inspected By	State
<b>Machinery</b>			
<b>Ballast System</b>			
Ballast Stripping Pump #3 P AFT	Examination	Class	Satisfactory
Ballast Stripping Pump #4 S AFT	Examination	Class	Satisfactory
<b>Bilge System</b>			
Bilge And Stripping Pump Room No.03	Examination	Class	Satisfactory
Bilge And Stripping Pump Room No.04	Examination	Class	Satisfactory
Bilge Pump Emergency No. 03 Starboard Inboard	Examination	Class	Satisfactory
Bilge Pump Emergency No. 04 Starboard Outboard	Examination	Class	Satisfactory
<b>Corrosion Control System</b>	Examination	Class	Satisfactory
<b>Electric Propulsion System</b>			
Aux Switchboard S AFT	Examination	Class	Satisfactory
Aux Switchboard S FWD	Examination	Class	Satisfactory
Generator Trip No 03 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 03 - Undervoltage Protection	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027161

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TRN-MDL-00171682



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

Generator Trip No 04 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 04 - Undervoltage Protection	Examination	Class	Satisfactory
Generator Trip No 05 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 05 - Undervoltage Protection	Examination	Class	Satisfactory
Generator Trip No 06 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 06 - Undervoltage Protection	Examination	Class	Satisfactory
Main Engine Driven Generator Coupling NO.3	Examination	Class	Satisfactory
Main Propulsion Generator No. 03	Megger Reading	Class	Satisfactory
	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
Electrical Installations	Examination	Class	Satisfactory
Emergency Power Distribution System	Examination	Class	Satisfactory
Test Of Auto Power Disconnect	Examination	Class	Satisfactory
Fire Main System			
Fire & Sw Cooling Pump STBD NO.7	Examination	Class	Satisfactory
Fire Pump No.01 PORT	Examination	Class	Satisfactory
Foam Monitor System	Examination	Class	Satisfactory
Fresh Water Cooling System			
Main Fresh Water Circulating Pump No 03 S INBD	Examination	Class	Satisfactory
Main Fresh Water Circulating Pump No 04 S OUTBD	Examination	Class	Satisfactory
Fuel Oil Service System			
Fuel Oil Service Piping	Examination	Class	Satisfactory
Fuel Oil Storage And Transfer System			
Diesel Oil Transfer Pump PF PUMPRM	Examination	Class	Satisfactory
Diesel Oil Transfer Pump SA PUMPRM	Examination	Class	Satisfactory
Diesel Oil Transfer Pump SF PUMPRM	Examination	Class	Satisfactory
Transfer Pump IP RESMUD	Examination	Class	Satisfactory
Transfer Pump IS RESMUD	Examination	Class	Satisfactory
Transfer Pump OP RESMUD	Examination	Class	Satisfactory
Transfer Pump OS RESMUD	Examination	Class	Satisfactory
Transfer Pump P BRINE	Examination	Class	Satisfactory
Transfer Pump PA DRILLW	Examination	Class	Satisfactory
Transfer Pump PF DRILLW	Examination	Class	Satisfactory
Transfer Pump S BASEOIL	Examination	Class	Satisfactory
Transfer Pump S BILGE	Examination	Class	Satisfactory
Transfer Pump SF DRILLW	Examination	Class	Satisfactory
Hydraulic Oil System			
Hydraulic Valve Pump Units #3 P AFT	Examination	Class	Satisfactory
Hydraulic Valve Pump Units #4 S AFT	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027162

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TRN-MDL-00171683



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

Priming Pump #4P AFT	Examination	Class	Satisfactory
Priming Pump #5S FWD	Examination	Class	Satisfactory
Priming Pump #6S FWD	Examination	Class	Satisfactory
Priming Pump #7S AFT	Examination	Class	Satisfactory
Priming Pump #8S AFT	Examination	Class	Satisfactory
Liquid Level Monitoring System	Examination	Class	Satisfactory
Lubricating Oil Service System			
Lube Oil Pump #7THRUSTER	Examination	Class	Satisfactory
Lube Oil Pump #8THRUSTER	Examination	Class	Satisfactory
Lube Oil Service Pump THRUSTER	Examination	Class	Satisfactory
Lubricating Oil Service Piping	Examination	Class	Satisfactory
Main Lube Oil Cooler #3 MGE	Examination	Class	Satisfactory
Pre-Lube Pump #3 MGE	Examination	Class	Satisfactory
Sea Water Cooling System			
Salt Water Cooling Pump #6THRUSTER	Examination	Class	Satisfactory
Salt Water Cooling Pump #6THRUSTER	Examination	Class	Satisfactory
Salt Water Cooling Pump #7THRUSTER	Examination	Class	Satisfactory
Salt Water Cooling Pump #8THRUSTER	Examination	Class	Satisfactory
Salt Water Service Pump #1PF FWD	Examination	Class	Satisfactory
Salt Water Service Pump #2SF AFT	Examination	Class	Satisfactory
Salt Water Service Pump #3PA FWD	Examination	Class	Satisfactory
Salt Water Service Pump #3SA FWD	Examination	Class	Satisfactory
Seawater Piping	Examination	Class	Satisfactory
Temporary Mooring System	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory
Ventilating Sys Hazardous Area	Examination	Class	Satisfactory
Ventling Arrangements	Examination	Class	Satisfactory
Outfitting			
Breathing apparatus	Examination	Class	Satisfactory
Insulation Resistance Reading of Circuit	Examination	Class	Satisfactory

## MC669370\_F : Special Periodical Survey - Automation 1

Description	Inspected Type	Inspected By	State
Machinery			
ACCU Control & Monitoring System	Examination	Class	Satisfactory
Automation Control System	Examination	Class	Satisfactory
Level and Monitoring System	Examination	Class	Satisfactory
Blige Alarm System	Ops. Test	Class	Satisfactory
	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027163

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TRN-MDL-00171684



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

## Manoeuvring Control And Monitoring System

Automation Control Actuators	Examination	Class	Satisfactory
Automation Insulation Resistance Control Actuators	Examination	Class	Satisfactory
Automation Insulation Resistance Control Motors	Examination	Class	Satisfactory
Maneuvering Controls	Examination	Class	Satisfactory
	Trials	Class	Satisfactory

## MC669370\_E : Special Periodical Survey - Hull 1

Description	Inspected Type	Inspected By	State
Space			
Ballast Tank 01P PONTOON	Examination	Class	Satisfactory
Ballast Tank 01S PONTOON	Examination	Class	Satisfactory
Ballast Tank 02P PONTOON	Examination	Class	Satisfactory
Ballast Tank 02S PONTOON	Examination	Class	Satisfactory
Ballast Tank 03P PONTOON	Examination	Class	Satisfactory
Ballast Tank 03S PONTOON	Examination	Class	Satisfactory
Ballast Tank 04P PONTOON	Examination	Class	Satisfactory
Ballast Tank 04S PONTOON	Examination	Class	Satisfactory
Ballast Tank 05P PONTOON	Examination	Class	Satisfactory
Ballast Tank 05S PONTOON	Examination	Class	Satisfactory
Ballast Tank 06S PONTOON	Examination	Class	Satisfactory
Ballast Tank 07P PONTOON	Examination	Class	Satisfactory
Ballast Tank 07S PONTOON	Examination	Class	Satisfactory
Ballast Tank 08S PONTOON	Examination	Class	Satisfactory
Ballast Tank 09P PONTOON	Examination	Class	Satisfactory
Ballast Tank 09S PONTOON	Examination	Class	Satisfactory
Ballast Tank 10P PONTOON	Examination	Class	Satisfactory
Ballast Tank 10S PONTOON	Examination	Class	Satisfactory
Ballast Tank 11P PONTOON	Examination	Class	Satisfactory
Ballast Tank 11S PONTOON	Examination	Class	Satisfactory
Ballast Tank 12P PONTOON	Examination	Class	Satisfactory
Ballast Tank 12S PONTOON	Examination	Class	Satisfactory
Ballast Tank 13P PONTOON	Examination	Class	Satisfactory
Ballast Tank 13S PONTOON	Examination	Class	Satisfactory
Ballast Tank 14P PONTOON	Examination	Class	Satisfactory
Ballast Tank 14S PONTOON	Examination	Class	Satisfactory
Ballast Tank 15P PONTOON	Examination	Class	Satisfactory
Ballast Tank 15S PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 16P PONTOON	Overall Survey	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027164

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TRN-MDL-00171685



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

Ballast Tank 16S PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 17P PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 17S PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 18P PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 18S PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 19P PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 19S PONTOON	Overall Survey	Class	Satisfactory
Ballast Tank 20P TRANSV. BRACE	Examination	Class	Satisfactory
Ballast Tank 20S TRANSV. BRACE	Examination	Class	Satisfactory
Ballast Tank 21P TRANSV. BRACE	Examination	Class	Satisfactory
Ballast Tank 21S TRANSV. BRACE	Examination	Class	Satisfactory
Chain Locker PFWD/PAFT	Examination	Class	Satisfactory
Chain Locker SFWD/SAFT	Examination	Class	Satisfactory
Cofferdam CHAIN LKR	Examination	Class	Satisfactory
Thruster Well FOUR	Examination	Class	Satisfactory
<b>Structural</b>			
Longitudinal Bulkhead #1	Examination	Class	Satisfactory
Longitudinal Bulkhead #2	Examination	Class	Satisfactory
Transverse Bulkhead #10	Examination	Class	Satisfactory
Transverse Bulkhead #11	Examination	Class	Satisfactory
Transverse Bulkhead #12	Examination	Class	Satisfactory
Transverse Bulkhead #1	Examination	Class	Satisfactory
Transverse Bulkhead #2	Examination	Class	Satisfactory
Transverse Bulkhead #3	Examination	Class	Satisfactory
Transverse Bulkhead #4	Examination	Class	Satisfactory
Transverse Bulkhead #5	Examination	Class	Satisfactory
Transverse Bulkhead #6	Examination	Class	Satisfactory
Transverse Bulkhead #7	Examination	Class	Satisfactory
Transverse Bulkhead #8	Examination	Class	Satisfactory
Transverse Bulkhead #9	Examination	Class	Satisfactory



## AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **New Orleans, LA**  
First Visit Date **29-Mar-2004**

Class Number **0139290**  
Report Number **NO508699**  
Last Visit Date **01-Apr-2004**

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Panama, Panama, Class Number 0139290, IMO Number 8764597, on 29-Mar-2004 as the vessel lay afloat, in order to carry out the inspection(s) noted below:

Survey Location: FOURCHON-OFFSHORE

Report	Survey Description	Status	Outstanding	Checksheets*
NO508699_A	Damage - Repair Survey (Class)	Completed	No	Yes
NO508699_B	UWILD Drydocking Survey	Completed	No	Yes
NO508699_C	Rectification of Outstanding Recommendations	Completed	No	Yes

### Closing Paragraph

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

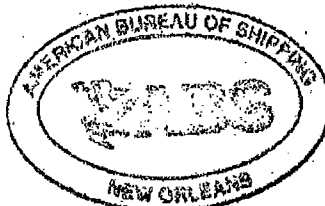
### Surveyor(s) to The American Bureau of Shipping Attending Surveyors

Gooding, James G.

Electronically Signed on 12-Apr-2004

Reviewed By  
Wamsley, David S.

Electronically Signed on 19-Apr-2004, New Orleans Port



\*Total Pages Including Checksheets: Page 1 of 6 (Internal ABS distribution only)

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 Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027166

CONFIDENTIAL

TRN-MDL-00171687



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **New Orleans, LA**  
First Visit Date **29-Mar-2004**

Class Number **0139280**  
Report Number **NO508699**  
Last Visit Date **01-Apr-2004**

Damage - Repair Survey (Class) - Contact / Striking Damage

PORT AFT COLUMN

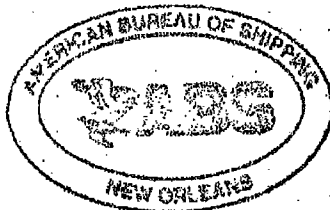
Drydocking Survey - UWILD

## Statement/Observation

- 24 COMPLETION OF UWILD, COMMENCED PER
1. UWILD PROCEDURES AND PROPOSALS WERE REVIEWED BY THE ABS HOUSTON OFFICE.
  2. REPAIRS TO THE PORT AFT COLUMN PER REPORT MC364407 WERE VERIFIED COMPLETED AT THIS TIME.
  3. REPRESENTATIVE SEACHESTS WERE CLEANED, EXAMINED, AND CONSIDERED SATISFACTORY.
  4. THE STBD. AFT PONTON TO COLUMN CONNECTIONS WERE EXTERNALLY CLEANED, EDDIE CURRENT TESTED, MAGNETIC PARTICLE TESTED, AND FOUND SATISFACTORY.  
HORIZONTAL "K" BRACE CONNECTIONS WERE EXAMINED INTERNALLY FROM THE VOID SPACES AND WERE FOUND SATISFACTORY FOR THE STBD. "K" BRACE CONNECTIONS.  
HORIZONTAL TUBE TO PONTON CONNECTIONS WERE EXAMINED INTERNALLY FROM THE VOID SPACES FOR THE STBD. PONTON FORWARD AND AFT CONNECTIONS.
  5. VERIFIED LUBE OIL ANALYSIS FOR THE THRUSTER UNITS IS CARRIED OUT AT REGULAR INTERVALS AND THE LUBE OIL BEING CHANGED OR FILTERED AS REQUIRED BASED ON THE OIL ANALYSIS.
- 25 IT IS FURTHER RECOMMENDED THAT A DRAWING BE PROVIDED SHOWING INFORMATION RELEVANT TO THE UWILD, TO INCLUDE:
1. OVERALL ARRANGEMENT OF THE UNDERWATER BODY INCLUDING LOCATIONS OF SEACHESTS, SONAR WELLS, THRUSTERS, AND ANY OTHER FIXTURES WHICH MAY BE OF INTEREST.
  2. MEANS OF ACCESS AND TOOLS REQUIRED FOR SEACHEST INSPECTION. TYPICAL SEACHEST ARRANGEMENT SHOWING VALVE LOCATIONS, SIZE, AND MEANS OF BLANKING OFF.
  3. LOCATIONS OF CRITICAL AREAS WHICH MAY CLEANING AND FOLLOWUP NDT, AND LOCATIONS OF WALKWAYS, LADDERS, TIEOFF POINTS, AND REFERENCE POINTS OR MARKINGS WHICH MAY ASSIST OR IMPEDE ACCESS TO THESE AREAS FOR PURPOSES OF INSPECTION. REFERENCE PHOTOGRAPHS OF AREAS FOR PURPOSES OF ORIENTATION AND JOINT DETAIL DESCRIPTION.
  4. POSSIBLE ALTERNATE MEANS OF INSPECTION OF CRITICAL AREAS FROM INSIDE THE VESSEL, PARTICULARLY IF MAJOR CONNECTIONS ARE LOCATED IN WAY OF CLEAN ACCESSIBLE VOIDS.
  5. OTHER BASIC INFORMATION WHICH MAY SERVE TO EXPEDITE A SAFE ORDERLY EXAMINATION.

## Rectification of Outstanding Recommendations

8 Column P AFT  
Opened in Report MC364607\_A



30-Jun-2003

Morgan City, LA

A B Report A

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027167

CONFIDENTIAL

TRN-MDL-00171688





# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **New Orleans, LA**  
First Visit Date **29-Mar-2004**

Class Number **0139290**  
Report Number **NO508899**  
Last Visit Date **01-Apr-2004**

Closed In Report NO508899\_C  
Due By Drydocking Survey - UWILD, 29-Feb-2004  
Found The undersigned Surveyor did attend on board the MODU "Transocean Deepwater Horizon" on the 27th June 2003 in order to examine and report upon damage reported sustained by the unit on the 26th June 2003 and finds as follows.

01-Apr-2004 New Orleans, LA  
Condition of Class Closed

Port Aft Column.  
Sideshell damaged on the Aft Inboard corner in way of the Column Outer Belt, (COB) between the 8.3 meter and 7.8 meter draft marks. The sideshell plating was set in approximately 0-150 mm over an area of 5m x 2.5m, extending from the junction between the COB upper sloped plating, down the vertical sideshell. The plating was holed in one (1) location approximately in the middle of the damaged area.

Internally, five (5), 120mm x 60 mm vertical angle stiffeners were torn and tripped for a length of apx 3m each. The sideshell stringer in way was deflected and conforming to the sideshell inset over an area of 1m x 3m. The gussets connecting the vertical stiffeners to the upper watertight flat were tripped and conforming to the sideshell inset. The holed sideshell was repaired with a 150mm x 150mm doubler patch, tested and found satisfactory for temporary service pending permanent repairs.

**Recommendation** IT IS RECOMMENDED.

The sideshell plating of the Port Leg Aft Inboard corner as identified above to be cropped and renewed together with internal stiffeners in way to the satisfaction of the attending Surveyor prior to Crediting the next Drydocking Survey due 29th Feb 2004.

**Rectification (Full)** REPAIRS PER RECOMMENDATIONS OF REPORT MC 364707 A DATED 29 FEBRUARY 2004:  
PORT AFT COLUMN UPPER PART OF COFFERDAM/VOID SPACE AT INBOARD PORT CORNER, 24 M TO 26M ELEVATION.

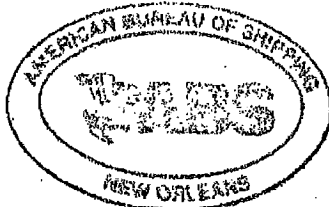
CROPPED AND RENEWED THE FOLLOWING APPROXIMATE SECTIONS OF PLATING AND FRAMING

1. SLOPING PLATE AT TOP OF VOID: 9' WIDE X 18" DEEP
  2. OUTER BAND SHELL PLATE AT TOP OF VOID: 13' WIDE X 5' HIGH
  3. VERTICAL SIDE FRAMES FIVE (5) 5' LONG SECTIONS EACH
  4. 24 M HORIZONTAL FLAT: 11' WIDE X 30" DEEP, AND TWO (2) SECTIONS 3' X 3' EACH
  5. UPPER BRACKET'S IN WAY OF SLOPE PLATE RENEWAL: FOUR (4) 7" TO 24" X 30" LONG EACH
- MATERIALS VERIFIED TO BE ABS EH-36  
WELDERS QUALIFICATIONS VERIFIED.

CARRIED OUT REVIEW OF UT WELD TEST RESULTS, AND FOLLOWUP DYE PENETRANT TEST ON SHELL.

THE ABOVE NOTED REPAIRS ARE CONSIDERED SATISFACTORY. OUTSTANDING RECOMMENDATIONS OF REPORT MC 56707 A HAVE BEEN COMPLIED WITH.

A B Report A



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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027168

CONFIDENTIAL

TRN-MDL-00171689



**AMERICAN BUREAU OF SHIPPING  
CLASS SURVEY REPORT**

**COPY**

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Panama, Panama, Class Number 0139290, IMO Number 8764587, on 27-Jun-2003 as the vessel lay afloat, in order to carry out the survey(s) noted below:

Survey Location : Offshore Fourchon

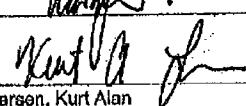
Report	Survey Description	Status	Outstanding	Checksheets*
MC364607_A	Damage - Repair Survey (Class)	Completed	Yes	Yes
MC364607_B	Special Continuous Survey Machinery 1	Commenced	No	Yes

**Closing Paragraph**

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

Surveyor(s) to The American Bureau of Shipping

Gee, Martin

Reviewed By   
Larsen, Kurt Alan

Date : 02-Jul-2003  
Port : Morgan City Port

\*Total Pages including Checksheets: Page 1 of \_\_\_\_\_ (internal ABS distribution only)

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 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 Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027169

CONFIDENTIAL

TRN-MDL-00171690



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**

Class Number **0139290**

Attending Office **Morgan City, LA**

Report Number **MC364607**

First Visit Date **27-Jun-2003**

Last Visit Date **30-Jun-2003**

## Outstanding Recommendations

It is recommended that the following outstanding recommendations be dealt with to the satisfaction of the attending Surveyor as follows:

Number	Due by Survey	Due by Date
8	Drydocking Survey	29-Feb-2004

## Damage - Repair Survey (Class) - Other

### 8 Column P AFT

Opened in Report

MC364607\_A

30-Jun-2003

Morgan City, LA

Due By

Drydocking Survey, 29-Feb-2004

Condition of Class

Outstanding

### Found

The undersigned Surveyor did attend on board the MODU "Transocean Deepwater Horizon" on the 27th June 2003 in order to examine and report upon damage reported sustained by the unit on the 26th June 2003 and finds as follows.

#### Port Aft Column.

Sideshell damaged on the Aft Inboard corner in way of the Column Outer Belt, (COB) between the 8.3 meter and 7.8 meter draft marks. The sideshell plating was set in approximately 0-150 mm over an area of 5m x 2.5m, extending from the junction between the COB upper sloped plating, down the vertical sideshell. The plating was holed in one (1) location approximately in the middle of the damaged area.

Internally, five (5), 120mm x 60 mm vertical angle stiffeners were torn and tripped for a length of apx 3m each. The sideshell stringer in way was deflected and conforming to the sideshell insert over an area of 1m x 3m. The gussets connecting the vertical stiffeners to the upper watertight flat were tripped and conforming to the sideshell inset.

The holed sideshell was repaired with a 150mm x 150mm doubler patch, tested and found satisfactory for temporary service pending permanent repairs.

### Recommendation

IT IS RECOMMENDED.

The sideshell plating of the Port Leg Aft Inboard corner as identified above to be cropped and renewed together with internal stiffeners in way to the satisfaction of the attending Surveyor prior to Crediting the next Drydocking Survey due 29th Feb 2004.

### Rectification

## Special Continuous Survey Machinery 1

### Statement / Observation

10 Owner's representative has requested that the vessel be placed on Special Continuous Machinery Survey.

## Special Continuous Survey Machinery 1

Description

Inspected Type

Inspected by

State

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027170

CONFIDENTIAL

TRN-MDL-00171691



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

## MACHINERY

Generic Parent

### Ballast System

Ballast Pump #1 P Fwd	Examination	Class	Satisfactory
Ballast Pump #2 S Fwd	Examination	Class	Satisfactory
Ballast Stripping Pump #1 P Fwd	Examination	Class	Satisfactory
Ballast Stripping Pump #2 S Fwd	Examination	Class	Satisfactory

### Bilge System

Bilge And Stripping Pump 1thrustrm	Examination	Class	Satisfactory
Bilge And Stripping Pump 2thrustrm	Examination	Class	Satisfactory
Bilge And Stripping Pump 3thrustrm	Examination	Class	Satisfactory
Bilge And Stripping Pump No1pumpm	Examination	Class	Satisfactory
Bilge And Stripping Pump No2pumpm	Examination	Class	Satisfactory
Bilge Pump Emergency #1p Inbd	Examination	Class	Satisfactory
Bilge Pump Emergency #2p Outbd	Examination	Class	Satisfactory
Bilge Pump No 01 P Fwd	Examination	Class	Satisfactory
Bilge Suction Valve P Pontoon	Examination	Class	Satisfactory

### Bilge System P Pontoon

Examination	Class	Satisfactory
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### Compressed Air System

Aux Compressed Air Tank Relief Valves Whistle	Examination	Class	Satisfactory
Emergency Compressed Air Tank Port	Examination	Class	Satisfactory
Emergency Compressed Air Tank Stbd	Examination	Class	Satisfactory
Service Air Tank No.1	Examination	Class	Satisfactory
Service Compressor No.1	Examination	Class	Satisfactory

### Cooling System

Aux Fresh Water Cooler #1 P Fwd	Examination	Class	Satisfactory
Aux Fresh Water Cooler #2 S Fwd	Examination	Class	Satisfactory
Fresh Water Cooler #1thrustr	Examination	Class	Satisfactory
Fresh Water Cooler #2thrustr	Examination	Class	Satisfactory
Fresh Water Cooler No.1	Examination	Class	Satisfactory
Fresh Water Cooler No.2	Examination	Class	Satisfactory
Fresh Water Cooling Pump #1malngen	Examination	Class	Satisfactory
Fresh Water Cooling Pump #2malngen	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.01 #1mge Ht	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.01 #2mge Ht	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.02 #1mge Lt	Examination	Class	Satisfactory
Fresh Water Cooling Pump Attached No.02 #2mge Lt	Examination	Class	Satisfactory
Fresh Water Heater No.1	Examination	Class	Satisfactory
Fresh Water Heater No.2	Examination	Class	Satisfactory
Main Electric Generator Cooler No.1	Examination	Class	Satisfactory
Main Electric Generator Cooler No.2	Examination	Class	Satisfactory
Main Electric Motor Cooler No.1	Examination	Class	Satisfactory
Main Electric Motor Cooler No.2	Examination	Class	Satisfactory

### #1 Engine

Cylinder Unit #1			
Crank Pin #1	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027171

CONFIDENTIAL

TRN-MDL-00171692



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

Crank Pin Bearing #1	Examination	Class	Satisfactory
Cylinder #1	Examination	Class	Satisfactory
Cylinder Head #1	Examination	Class	Satisfactory
Cylinder Liner #1	Examination	Class	Satisfactory
Cylinder Relief Valve #1	Examination	Class	Satisfactory
Exhaust Valve #1	Examination	Class	Satisfactory
Fuel Injection Pump #1	Examination	Class	Satisfactory
Fuel Injection Valve #1	Examination	Class	Satisfactory
Intake Valve #1	Examination	Class	Satisfactory
Piston #1	Examination	Class	Satisfactory
Piston Pin #1	Examination	Class	Satisfactory
Piston Pin Bearing #1	Examination	Class	Satisfactory
Piston Rod #1	Examination	Class	Satisfactory
Cylinder Unit #10			
Crank Pin #10	Examination	Class	Satisfactory
Crank Pin Bearing #10	Examination	Class	Satisfactory
Cylinder #10	Examination	Class	Satisfactory
Cylinder Head #10	Examination	Class	Satisfactory
Cylinder Liner #10	Examination	Class	Satisfactory
Cylinder Relief Valve #10	Examination	Class	Satisfactory
Exhaust Valve #10	Examination	Class	Satisfactory
Fuel Injection Pump #10	Examination	Class	Satisfactory
Fuel Injection Valve #10	Examination	Class	Satisfactory
Intake Valve #10	Examination	Class	Satisfactory
Piston #10	Examination	Class	Satisfactory
Piston Pin #10	Examination	Class	Satisfactory
Piston Pin Bearing #10	Examination	Class	Satisfactory
Piston Rod #10	Examination	Class	Satisfactory
Cylinder Unit #11			
Crank Pin #11	Examination	Class	Satisfactory
Crank Pin Bearing #11	Examination	Class	Satisfactory
Cylinder #11	Examination	Class	Satisfactory
Cylinder Head #11	Examination	Class	Satisfactory
Cylinder Liner #11	Examination	Class	Satisfactory
Cylinder Relief Valve #11	Examination	Class	Satisfactory
Exhaust Valve #11	Examination	Class	Satisfactory
Fuel Injection Pump #11	Examination	Class	Satisfactory
Fuel Injection Valve #11	Examination	Class	Satisfactory
Intake Valve #11	Examination	Class	Satisfactory
Piston #11	Examination	Class	Satisfactory
Piston Pin #11	Examination	Class	Satisfactory
Piston Pin Bearing #11	Examination	Class	Satisfactory
Piston Rod #11	Examination	Class	Satisfactory
Cylinder Unit #12			
Crank Pin #12	Examination	Class	Satisfactory
Crank Pin Bearing #12	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027172

CONFIDENTIAL

TRN-MDL-00171693



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name DEEPWATER HORIZON  
Attending Office Morgan City, LA  
First Visit Date 27-Jun-2003

Class Number 0139290  
Report Number MC364607  
Last Visit Date 30-Jun-2003

Cylinder #12	Examination	Class	Satisfactory
Cylinder Head #12	Examination	Class	Satisfactory
Cylinder Liner #12	Examination	Class	Satisfactory
Cylinder Relief Valve #12	Examination	Class	Satisfactory
Exhaust Valve #12	Examination	Class	Satisfactory
Fuel Injection Pump #12	Examination	Class	Satisfactory
Fuel Injection Valve #12	Examination	Class	Satisfactory
Intake Valve #12	Examination	Class	Satisfactory
Piston #12	Examination	Class	Satisfactory
Piston Pin #12	Examination	Class	Satisfactory
Piston Pin Bearing #12	Examination	Class	Satisfactory
Piston Rod #12	Examination	Class	Satisfactory
Cylinder Unit #13			
Crank Pin #13	Examination	Class	Satisfactory
Crank Pin Bearing #13	Examination	Class	Satisfactory
Cylinder #13	Examination	Class	Satisfactory
Cylinder Head #13	Examination	Class	Satisfactory
Cylinder Liner #13	Examination	Class	Satisfactory
Cylinder Relief Valve #13	Examination	Class	Satisfactory
Exhaust Valve #13	Examination	Class	Satisfactory
Fuel Injection Pump #13	Examination	Class	Satisfactory
Fuel Injection Valve #13	Examination	Class	Satisfactory
Intake Valve #13	Examination	Class	Satisfactory
Piston #13	Examination	Class	Satisfactory
Piston Pin #13	Examination	Class	Satisfactory
Piston Pin Bearing #13	Examination	Class	Satisfactory
Piston Rod #13	Examination	Class	Satisfactory
Cylinder Unit #14			
Crank Pin #14	Examination	Class	Satisfactory
Crank Pin Bearing #14	Examination	Class	Satisfactory
Cylinder #14	Examination	Class	Satisfactory
Cylinder Head #14	Examination	Class	Satisfactory
Cylinder Liner #14	Examination	Class	Satisfactory
Cylinder Relief Valve #14	Examination	Class	Satisfactory
Exhaust Valve #14	Examination	Class	Satisfactory
Fuel Injection Pump #14	Examination	Class	Satisfactory
Fuel Injection Valve #14	Examination	Class	Satisfactory
Intake Valve #14	Examination	Class	Satisfactory
Piston #14	Examination	Class	Satisfactory
Piston Pin #14	Examination	Class	Satisfactory
Piston Pin Bearing #14	Examination	Class	Satisfactory
Piston Rod #14	Examination	Class	Satisfactory
Cylinder Unit #15			
Crank Pin #15	Examination	Class	Satisfactory
Crank Pin Bearing #15	Examination	Class	Satisfactory
Cylinder #15	Examination	Class	Satisfactory



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

Cylinder Head #15	Examination	Class	Satisfactory
Cylinder Liner #15	Examination	Class	Satisfactory
Cylinder Relief Valve #15	Examination	Class	Satisfactory
Exhaust Valve #15	Examination	Class	Satisfactory
Fuel Injection Pump #15	Examination	Class	Satisfactory
Fuel Injection Valve #15	Examination	Class	Satisfactory
Intake Valve #15	Examination	Class	Satisfactory
Piston #15	Examination	Class	Satisfactory
Piston Pin #15	Examination	Class	Satisfactory
Piston Pin Bearing #15	Examination	Class	Satisfactory
Piston Rod #15	Examination	Class	Satisfactory
Cylinder Unit #16			
Crank Pin #16	Examination	Class	Satisfactory
Crank Pin Bearing #16	Examination	Class	Satisfactory
Cylinder #16	Examination	Class	Satisfactory
Cylinder Head #16	Examination	Class	Satisfactory
Cylinder Liner #16	Examination	Class	Satisfactory
Cylinder Relief Valve #16	Examination	Class	Satisfactory
Exhaust Valve #16	Examination	Class	Satisfactory
Fuel Injection Pump #16	Examination	Class	Satisfactory
Fuel Injection Valve #16	Examination	Class	Satisfactory
Intake Valve #16	Examination	Class	Satisfactory
Piston #16	Examination	Class	Satisfactory
Piston Pin #16	Examination	Class	Satisfactory
Piston Pin Bearing #16	Examination	Class	Satisfactory
Piston Rod #16	Examination	Class	Satisfactory
Cylinder Unit #17			
Crank Pin #17	Examination	Class	Satisfactory
Crank Pin Bearing #17	Examination	Class	Satisfactory
Cylinder #17	Examination	Class	Satisfactory
Cylinder Head #17	Examination	Class	Satisfactory
Cylinder Liner #17	Examination	Class	Satisfactory
Cylinder Relief Valve #17	Examination	Class	Satisfactory
Exhaust Valve #17	Examination	Class	Satisfactory
Fuel Injection Pump #17	Examination	Class	Satisfactory
Fuel Injection Valve #17	Examination	Class	Satisfactory
Intake Valve #17	Examination	Class	Satisfactory
Piston #17	Examination	Class	Satisfactory
Piston Pin #17	Examination	Class	Satisfactory
Piston Pin Bearing #17	Examination	Class	Satisfactory
Piston Rod #17	Examination	Class	Satisfactory
Cylinder Unit #18			
Crank Pin #18	Examination	Class	Satisfactory
Crank Pin Bearing #18	Examination	Class	Satisfactory
Cylinder #18	Examination	Class	Satisfactory
Cylinder Head #18	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027174

CONFIDENTIAL

TRN-MDL-00171695



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0138290**  
Report Number **MC384607**  
Last Visit Date **30-Jun-2003**

Cylinder Liner #18	Examination	Class	Satisfactory
Cylinder Relief Valve #18	Examination	Class	Satisfactory
Exhaust Valve #18	Examination	Class	Satisfactory
Fuel Injection Pump #18	Examination	Class	Satisfactory
Fuel Injection Valve #18	Examination	Class	Satisfactory
Intake Valve #18	Examination	Class	Satisfactory
Piston #18	Examination	Class	Satisfactory
Piston Pin #18	Examination	Class	Satisfactory
Piston Pin Bearing #18	Examination	Class	Satisfactory
Piston Rod #18	Examination	Class	Satisfactory
Cylinder Unit #2			
Crank Pin #2	Examination	Class	Satisfactory
Crank Pin Bearing #2	Examination	Class	Satisfactory
Cylinder #2	Examination	Class	Satisfactory
Cylinder Head #2	Examination	Class	Satisfactory
Cylinder Liner #2	Examination	Class	Satisfactory
Cylinder Relief Valve #2	Examination	Class	Satisfactory
Exhaust Valve #2	Examination	Class	Satisfactory
Fuel Injection Pump #2	Examination	Class	Satisfactory
Fuel Injection Valve #2	Examination	Class	Satisfactory
Intake Valve #2	Examination	Class	Satisfactory
Piston #2	Examination	Class	Satisfactory
Piston Pin #2	Examination	Class	Satisfactory
Piston Pin Bearing #2	Examination	Class	Satisfactory
Piston Rod #2	Examination	Class	Satisfactory
Cylinder Unit #3			
Crank Pin #3	Examination	Class	Satisfactory
Crank Pin Bearing #3	Examination	Class	Satisfactory
Cylinder #3	Examination	Class	Satisfactory
Cylinder Head #3	Examination	Class	Satisfactory
Cylinder Liner #3	Examination	Class	Satisfactory
Cylinder Relief Valve #3	Examination	Class	Satisfactory
Exhaust Valve #3	Examination	Class	Satisfactory
Fuel Injection Pump #3	Examination	Class	Satisfactory
Fuel Injection Valve #3	Examination	Class	Satisfactory
Intake Valve #3	Examination	Class	Satisfactory
Piston #3	Examination	Class	Satisfactory
Piston Pin #3	Examination	Class	Satisfactory
Piston Pin Bearing #3	Examination	Class	Satisfactory
Piston Rod #3	Examination	Class	Satisfactory
Cylinder Unit #4			
Crank Pin #4	Examination	Class	Satisfactory
Crank Pin Bearing #4	Examination	Class	Satisfactory
Cylinder #4	Examination	Class	Satisfactory
Cylinder Head #4	Examination	Class	Satisfactory
Cylinder Liner #4	Examination	Class	Satisfactory





# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**

Attending Office **Morgan City, LA**

First Visit Date **27-Jun-2003**

Class Number **0139290**

Report Number **MC364607**

Last Visit Date **30-Jun-2003**

Cylinder Relief Valve #4	Examination	Class	Satisfactory
Exhaust Valve #4	Examination	Class	Satisfactory
Fuel Injection Pump #4	Examination	Class	Satisfactory
Fuel Injection Valve #4	Examination	Class	Satisfactory
Intake Valve #4	Examination	Class	Satisfactory
Piston #4	Examination	Class	Satisfactory
Piston Pin #4	Examination	Class	Satisfactory
Piston Pin Bearing #4	Examination	Class	Satisfactory
Piston Rod #4	Examination	Class	Satisfactory
Cylinder Unit #5			
Crank Pin #5	Examination	Class	Satisfactory
Crank Pin Bearing #5	Examination	Class	Satisfactory
Cylinder #5	Examination	Class	Satisfactory
Cylinder Head #5	Examination	Class	Satisfactory
Cylinder Liner #5	Examination	Class	Satisfactory
Cylinder Relief Valve #5	Examination	Class	Satisfactory
Exhaust Valve #5	Examination	Class	Satisfactory
Fuel Injection Pump #5	Examination	Class	Satisfactory
Fuel Injection Valve #5	Examination	Class	Satisfactory
Intake Valve #5	Examination	Class	Satisfactory
Piston #5	Examination	Class	Satisfactory
Piston Pin #5	Examination	Class	Satisfactory
Piston Pin Bearing #5	Examination	Class	Satisfactory
Piston Rod #5	Examination	Class	Satisfactory
Cylinder Unit #6			
Crank Pin #6	Examination	Class	Satisfactory
Crank Pin Bearing #6	Examination	Class	Satisfactory
Cylinder #6	Examination	Class	Satisfactory
Cylinder Head #6	Examination	Class	Satisfactory
Cylinder Liner #6	Examination	Class	Satisfactory
Cylinder Relief Valve #6	Examination	Class	Satisfactory
Exhaust Valve #6	Examination	Class	Satisfactory
Fuel Injection Pump #6	Examination	Class	Satisfactory
Fuel Injection Valve #6	Examination	Class	Satisfactory
Intake Valve #6	Examination	Class	Satisfactory
Piston #6	Examination	Class	Satisfactory
Piston Pin #6	Examination	Class	Satisfactory
Piston Pin Bearing #6	Examination	Class	Satisfactory
Piston Rod #6	Examination	Class	Satisfactory
Cylinder Unit #7			
Crank Pin #7	Examination	Class	Satisfactory
Crank Pin Bearing #7	Examination	Class	Satisfactory
Cylinder #7	Examination	Class	Satisfactory
Cylinder Head #7	Examination	Class	Satisfactory
Cylinder Liner #7	Examination	Class	Satisfactory
Cylinder Relief Valve #7	Examination	Class	Satisfactory



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

Exhaust Valve #7	Examination	Class	Satisfactory
Fuel Injection Pump #7	Examination	Class	Satisfactory
Fuel Injection Valve #7	Examination	Class	Satisfactory
Intake Valve #7	Examination	Class	Satisfactory
Piston #7	Examination	Class	Satisfactory
Piston Pin #7	Examination	Class	Satisfactory
Piston Pin Bearing #7	Examination	Class	Satisfactory
Piston Rod #7	Examination	Class	Satisfactory
Cylinder Unit #8			
Crank Pin #8	Examination	Class	Satisfactory
Crank Pin Bearing #8	Examination	Class	Satisfactory
Cylinder #8	Examination	Class	Satisfactory
Cylinder Head #8	Examination	Class	Satisfactory
Cylinder Liner #8	Examination	Class	Satisfactory
Cylinder Relief Valve #8	Examination	Class	Satisfactory
Exhaust Valve #8	Examination	Class	Satisfactory
Fuel Injection Pump #8	Examination	Class	Satisfactory
Fuel Injection Valve #8	Examination	Class	Satisfactory
Intake Valve #8	Examination	Class	Satisfactory
Piston #8	Examination	Class	Satisfactory
Piston Pin #8	Examination	Class	Satisfactory
Piston Pin Bearing #8	Examination	Class	Satisfactory
Piston Rod #8	Examination	Class	Satisfactory
Cylinder Unit #9			
Crank Pin #9	Examination	Class	Satisfactory
Crank Pin Bearing #9	Examination	Class	Satisfactory
Cylinder #9	Examination	Class	Satisfactory
Cylinder Head #9	Examination	Class	Satisfactory
Cylinder Liner #9	Examination	Class	Satisfactory
Cylinder Relief Valve #9	Examination	Class	Satisfactory
Exhaust Valve #9	Examination	Class	Satisfactory
Fuel Injection Pump #9	Examination	Class	Satisfactory
Fuel Injection Valve #9	Examination	Class	Satisfactory
Intake Valve #9	Examination	Class	Satisfactory
Piston #9	Examination	Class	Satisfactory
Piston Pin #9	Examination	Class	Satisfactory
Piston Pin Bearing #9	Examination	Class	Satisfactory
Piston Rod #9	Examination	Class	Satisfactory
Main Bearing #01	Examination	Class	Satisfactory
Main Bearing #02	Examination	Class	Satisfactory
Main Bearing #03	Examination	Class	Satisfactory
Main Bearing #04	Examination	Class	Satisfactory
Main Bearing #05	Examination	Class	Satisfactory
Main Bearing #06	Examination	Class	Satisfactory
Main Bearing #07	Examination	Class	Satisfactory
Main Bearing #08	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027177

CONFIDENTIAL

TRN-MDL-00171698



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

	Examination	Class	Satisfactory
Main Bearing #09	Examination	Class	Satisfactory
Main Bearing #10	Examination	Class	Satisfactory
#2 Engine			
Cylinder Unit #1			
Crank Pin #1	Examination	Class	Satisfactory
Crank Pin Bearing #1	Examination	Class	Satisfactory
Cylinder #1	Examination	Class	Satisfactory
Cylinder Head #1	Examination	Class	Satisfactory
Cylinder Liner #1	Examination	Class	Satisfactory
Cylinder Relief Valve #1	Examination	Class	Satisfactory
Exhaust Valve #1	Examination	Class	Satisfactory
Fuel Injection Pump #1	Examination	Class	Satisfactory
Fuel Injection Valve #1	Examination	Class	Satisfactory
Intake Valve #1	Examination	Class	Satisfactory
Piston #1	Examination	Class	Satisfactory
Piston Pin #1	Examination	Class	Satisfactory
Piston Pin Bearing #1	Examination	Class	Satisfactory
Piston Rod #1	Examination	Class	Satisfactory
Cylinder Unit #10			
Crank Pin #10	Examination	Class	Satisfactory
Crank Pin Bearing #10	Examination	Class	Satisfactory
Cylinder #10	Examination	Class	Satisfactory
Cylinder Head #10	Examination	Class	Satisfactory
Cylinder Liner #10	Examination	Class	Satisfactory
Cylinder Relief Valve #10	Examination	Class	Satisfactory
Exhaust Valve #10	Examination	Class	Satisfactory
Fuel Injection Pump #10	Examination	Class	Satisfactory
Fuel Injection Valve #10	Examination	Class	Satisfactory
Intake Valve #10	Examination	Class	Satisfactory
Piston #10	Examination	Class	Satisfactory
Piston Pin #10	Examination	Class	Satisfactory
Piston Pin Bearing #10	Examination	Class	Satisfactory
Piston Rod #10	Examination	Class	Satisfactory
Cylinder Unit #11			
Crank Pin #11	Examination	Class	Satisfactory
Crank Pin Bearing #11	Examination	Class	Satisfactory
Cylinder #11	Examination	Class	Satisfactory
Cylinder Head #11	Examination	Class	Satisfactory
Cylinder Liner #11	Examination	Class	Satisfactory
Cylinder Relief Valve #11	Examination	Class	Satisfactory
Exhaust Valve #11	Examination	Class	Satisfactory
Fuel Injection Pump #11	Examination	Class	Satisfactory
Fuel Injection Valve #11	Examination	Class	Satisfactory
Intake Valve #11	Examination	Class	Satisfactory
Piston #11	Examination	Class	Satisfactory
Piston Pin #11	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027178

CONFIDENTIAL

TRN-MDL-00171699



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

Piston Pin Bearing #11	Examination	Class	Satisfactory
Piston Rod #11	Examination	Class	Satisfactory
Cylinder Unit #12			
Crank Pin #12	Examination	Class	Satisfactory
Crank Pin Bearing #12	Examination	Class	Satisfactory
Cylinder #12	Examination	Class	Satisfactory
Cylinder Head #12	Examination	Class	Satisfactory
Cylinder Liner #12	Examination	Class	Satisfactory
Cylinder Relief Valve #12	Examination	Class	Satisfactory
Exhaust Valve #12	Examination	Class	Satisfactory
Fuel Injection Pump #12	Examination	Class	Satisfactory
Fuel Injection Valve #12	Examination	Class	Satisfactory
Intake Valve #12	Examination	Class	Satisfactory
Piston #12	Examination	Class	Satisfactory
Piston Pin #12	Examination	Class	Satisfactory
Piston Pin Bearing #12	Examination	Class	Satisfactory
Piston Rod #12	Examination	Class	Satisfactory
Cylinder Unit #13			
Crank Pin #13	Examination	Class	Satisfactory
Crank Pin Bearing #13	Examination	Class	Satisfactory
Cylinder #13	Examination	Class	Satisfactory
Cylinder Head #13	Examination	Class	Satisfactory
Cylinder Liner #13	Examination	Class	Satisfactory
Cylinder Relief Valve #13	Examination	Class	Satisfactory
Exhaust Valve #13	Examination	Class	Satisfactory
Fuel Injection Pump #13	Examination	Class	Satisfactory
Fuel Injection Valve #13	Examination	Class	Satisfactory
Intake Valve #13	Examination	Class	Satisfactory
Piston #13	Examination	Class	Satisfactory
Piston Pin #13	Examination	Class	Satisfactory
Piston Pin Bearing #13	Examination	Class	Satisfactory
Piston Rod #13	Examination	Class	Satisfactory
Cylinder Unit #14			
Crank Pin #14	Examination	Class	Satisfactory
Crank Pin Bearing #14	Examination	Class	Satisfactory
Cylinder #14	Examination	Class	Satisfactory
Cylinder Head #14	Examination	Class	Satisfactory
Cylinder Liner #14	Examination	Class	Satisfactory
Cylinder Relief Valve #14	Examination	Class	Satisfactory
Exhaust Valve #14	Examination	Class	Satisfactory
Fuel Injection Pump #14	Examination	Class	Satisfactory
Fuel Injection Valve #14	Examination	Class	Satisfactory
Intake Valve #14	Examination	Class	Satisfactory
Piston #14	Examination	Class	Satisfactory
Piston Pin #14	Examination	Class	Satisfactory
Piston Pin Bearing #14	Examination	Class	Satisfactory



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139280**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

	Examination	Class	Satisfactory
Piston Rod #14			
Cylinder Unit #15			
Crank Pin #15	Examination	Class	Satisfactory
Crank Pin Bearing #15	Examination	Class	Satisfactory
Cylinder #15	Examination	Class	Satisfactory
Cylinder Head #15	Examination	Class	Satisfactory
Cylinder Liner #15	Examination	Class	Satisfactory
Cylinder Relief Valve #15	Examination	Class	Satisfactory
Exhaust Valve #15	Examination	Class	Satisfactory
Fuel Injection Pump #15	Examination	Class	Satisfactory
Fuel Injection Valve #15	Examination	Class	Satisfactory
Intake Valve #15	Examination	Class	Satisfactory
Piston #15	Examination	Class	Satisfactory
Piston Pin #15	Examination	Class	Satisfactory
Piston Pin Bearing #15	Examination	Class	Satisfactory
Piston Rod #15	Examination	Class	Satisfactory
Cylinder Unit #16			
Crank Pin #16	Examination	Class	Satisfactory
Crank Pin Bearing #16	Examination	Class	Satisfactory
Cylinder #16	Examination	Class	Satisfactory
Cylinder Head #16	Examination	Class	Satisfactory
Cylinder Liner #16	Examination	Class	Satisfactory
Cylinder Relief Valve #16	Examination	Class	Satisfactory
Exhaust Valve #16	Examination	Class	Satisfactory
Fuel Injection Pump #16	Examination	Class	Satisfactory
Fuel Injection Valve #16	Examination	Class	Satisfactory
Intake Valve #16	Examination	Class	Satisfactory
Piston #16	Examination	Class	Satisfactory
Piston Pin #16	Examination	Class	Satisfactory
Piston Pin Bearing #16	Examination	Class	Satisfactory
Piston Rod #16	Examination	Class	Satisfactory
Cylinder Unit #17			
Crank Pin #17	Examination	Class	Satisfactory
Crank Pin Bearing #17	Examination	Class	Satisfactory
Cylinder #17	Examination	Class	Satisfactory
Cylinder Head #17	Examination	Class	Satisfactory
Cylinder Liner #17	Examination	Class	Satisfactory
Cylinder Relief Valve #17	Examination	Class	Satisfactory
Exhaust Valve #17	Examination	Class	Satisfactory
Fuel Injection Pump #17	Examination	Class	Satisfactory
Fuel Injection Valve #17	Examination	Class	Satisfactory
Intake Valve #17	Examination	Class	Satisfactory
Piston #17	Examination	Class	Satisfactory
Piston Pin #17	Examination	Class	Satisfactory
Piston Pin Bearing #17	Examination	Class	Satisfactory
Piston Rod #17	Examination	Class	Satisfactory



**AMERICAN BUREAU OF SHIPPING**  
**CLASS SURVEY REPORT**

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC384607**  
Last Visit Date **30-Jun-2003**

**Cylinder Unit #18**

Crank Pin #18	Examination	Class	Satisfactory
Crank Pin Bearing #18	Examination	Class	Satisfactory
Cylinder #18	Examination	Class	Satisfactory
Cylinder Head #18	Examination	Class	Satisfactory
Cylinder Liner #18	Examination	Class	Satisfactory
Cylinder Relief Valve #18	Examination	Class	Satisfactory
Exhaust Valve #18	Examination	Class	Satisfactory
Fuel Injection Pump #18	Examination	Class	Satisfactory
Fuel Injection Valve #18	Examination	Class	Satisfactory
Intake Valve #18	Examination	Class	Satisfactory
Piston #18	Examination	Class	Satisfactory
Piston Pin #18	Examination	Class	Satisfactory
Piston Pin Bearing #18	Examination	Class	Satisfactory
Piston Rod #18	Examination	Class	Satisfactory

**Cylinder Unit #2**

Crank Pin #2	Examination	Class	Satisfactory
Crank Pin Bearing #2	Examination	Class	Satisfactory
Cylinder #2	Examination	Class	Satisfactory
Cylinder Head #2	Examination	Class	Satisfactory
Cylinder Liner #2	Examination	Class	Satisfactory
Cylinder Relief Valve #2	Examination	Class	Satisfactory
Exhaust Valve #2	Examination	Class	Satisfactory
Fuel Injection Pump #2	Examination	Class	Satisfactory
Fuel Injection Valve #2	Examination	Class	Satisfactory
Intake Valve #2	Examination	Class	Satisfactory
Piston #2	Examination	Class	Satisfactory
Piston Pin #2	Examination	Class	Satisfactory
Piston Pin Bearing #2	Examination	Class	Satisfactory
Piston Rod #2	Examination	Class	Satisfactory

**Cylinder Unit #3**

Crank Pin #3	Examination	Class	Satisfactory
Crank Pin Bearing #3	Examination	Class	Satisfactory
Cylinder #3	Examination	Class	Satisfactory
Cylinder Head #3	Examination	Class	Satisfactory
Cylinder Liner #3	Examination	Class	Satisfactory
Cylinder Relief Valve #3	Examination	Class	Satisfactory
Exhaust Valve #3	Examination	Class	Satisfactory
Fuel Injection Pump #3	Examination	Class	Satisfactory
Fuel Injection Valve #3	Examination	Class	Satisfactory
Intake Valve #3	Examination	Class	Satisfactory
Piston #3	Examination	Class	Satisfactory
Piston Pin #3	Examination	Class	Satisfactory
Piston Pin Bearing #3	Examination	Class	Satisfactory
Piston Rod #3	Examination	Class	Satisfactory

**Cylinder Unit #4**

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027181

CONFIDENTIAL

TRN-MDL-00171702



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

Crank Pin #4	Examination	Class	Satisfactory
Crank Pin Bearing #4	Examination	Class	Satisfactory
Cylinder #4	Examination	Class	Satisfactory
Cylinder Head #4	Examination	Class	Satisfactory
Cylinder Liner #4	Examination	Class	Satisfactory
Cylinder Relief Valve #4	Examination	Class	Satisfactory
Exhaust Valve #4	Examination	Class	Satisfactory
Fuel Injection Pump #4	Examination	Class	Satisfactory
Fuel Injection Valve #4	Examination	Class	Satisfactory
Intake Valve #4	Examination	Class	Satisfactory
Piston #4	Examination	Class	Satisfactory
Piston Pin #4	Examination	Class	Satisfactory
Piston Pin Bearing #4	Examination	Class	Satisfactory
Piston Rod #4	Examination	Class	Satisfactory
Cylinder Unit #5			
Crank Pin #5	Examination	Class	Satisfactory
Crank Pin Bearing #5	Examination	Class	Satisfactory
Cylinder #5	Examination	Class	Satisfactory
Cylinder Head #5	Examination	Class	Satisfactory
Cylinder Liner #5	Examination	Class	Satisfactory
Cylinder Relief Valve #5	Examination	Class	Satisfactory
Exhaust Valve #5	Examination	Class	Satisfactory
Fuel Injection Pump #5	Examination	Class	Satisfactory
Fuel Injection Valve #5	Examination	Class	Satisfactory
Intake Valve #5	Examination	Class	Satisfactory
Piston #5	Examination	Class	Satisfactory
Piston Pin #5	Examination	Class	Satisfactory
Piston Pin Bearing #5	Examination	Class	Satisfactory
Piston Rod #5	Examination	Class	Satisfactory
Cylinder Unit #6			
Crank Pin #6	Examination	Class	Satisfactory
Crank Pin Bearing #6	Examination	Class	Satisfactory
Cylinder #6	Examination	Class	Satisfactory
Cylinder Head #6	Examination	Class	Satisfactory
Cylinder Liner #6	Examination	Class	Satisfactory
Cylinder Relief Valve #6	Examination	Class	Satisfactory
Exhaust Valve #6	Examination	Class	Satisfactory
Fuel Injection Pump #6	Examination	Class	Satisfactory
Fuel Injection Valve #6	Examination	Class	Satisfactory
Intake Valve #6	Examination	Class	Satisfactory
Piston #6	Examination	Class	Satisfactory
Piston Pin #6	Examination	Class	Satisfactory
Piston Pin Bearing #6	Examination	Class	Satisfactory
Piston Rod #6	Examination	Class	Satisfactory
Cylinder Unit #7			
Crank Pin #7	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027182

CONFIDENTIAL

TRN-MDL-00171703



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

Crank Pin Bearing #7	Examination	Class	Satisfactory
Cylinder #7	Examination	Class	Satisfactory
Cylinder Head #7	Examination	Class	Satisfactory
Cylinder Liner #7	Examination	Class	Satisfactory
Cylinder Relief Valve #7	Examination	Class	Satisfactory
Exhaust Valve #7	Examination	Class	Satisfactory
Fuel Injection Pump #7	Examination	Class	Satisfactory
Fuel Injection Valve #7	Examination	Class	Satisfactory
Intake Valve #7	Examination	Class	Satisfactory
Piston #7	Examination	Class	Satisfactory
Piston Pin #7	Examination	Class	Satisfactory
Piston Pin Bearing #7	Examination	Class	Satisfactory
Piston Rod #7	Examination	Class	Satisfactory
Cylinder Unit #8			
Crank Pin #8	Examination	Class	Satisfactory
Crank Pin Bearing #8	Examination	Class	Satisfactory
Cylinder #8	Examination	Class	Satisfactory
Cylinder Head #8	Examination	Class	Satisfactory
Cylinder Liner #8	Examination	Class	Satisfactory
Cylinder Relief Valve #8	Examination	Class	Satisfactory
Exhaust Valve #8	Examination	Class	Satisfactory
Fuel Injection Pump #8	Examination	Class	Satisfactory
Fuel Injection Valve #8	Examination	Class	Satisfactory
Intake Valve #8	Examination	Class	Satisfactory
Piston #8	Examination	Class	Satisfactory
Piston Pin #8	Examination	Class	Satisfactory
Piston Pin Bearing #8	Examination	Class	Satisfactory
Piston Rod #8	Examination	Class	Satisfactory
Cylinder Unit #9			
Crank Pin #9	Examination	Class	Satisfactory
Crank Pin Bearing #9	Examination	Class	Satisfactory
Cylinder #9	Examination	Class	Satisfactory
Cylinder Head #9	Examination	Class	Satisfactory
Cylinder Liner #9	Examination	Class	Satisfactory
Cylinder Relief Valve #9	Examination	Class	Satisfactory
Exhaust Valve #9	Examination	Class	Satisfactory
Fuel Injection Pump #9	Examination	Class	Satisfactory
Fuel Injection Valve #9	Examination	Class	Satisfactory
Intake Valve #9	Examination	Class	Satisfactory
Piston #9	Examination	Class	Satisfactory
Piston Pin #9	Examination	Class	Satisfactory
Piston Pin Bearing #9	Examination	Class	Satisfactory
Piston Rod #9	Examination	Class	Satisfactory
Main Bearing #01	Examination	Class	Satisfactory
Main Bearing #02	Examination	Class	Satisfactory
Main Bearing #03	Examination	Class	Satisfactory

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027183

CONFIDENTIAL

TRN-MDL-00171704





# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

Main Bearing #04	Examination	Class	Satisfactory
Main Bearing #05	Examination	Class	Satisfactory
Main Bearing #06	Examination	Class	Satisfactory
Main Bearing #07	Examination	Class	Satisfactory
Main Bearing #08	Examination	Class	Satisfactory
Main Bearing #09	Examination	Class	Satisfactory
Main Bearing #10	Examination	Class	Satisfactory
<b>Electric Propulsion System</b>			
Main Propulsion Generator No. 01	Examination	Class	Satisfactory
Main Propulsion Generator No. 01	Megger Reading	Class	Satisfactory
Main Propulsion Generator No. 01	Ops. Test	Class	Satisfactory
Main Propulsion Generator No. 02	Examination	Class	Satisfactory
Main Propulsion Generator No. 02	Megger Reading	Class	Satisfactory
Main Propulsion Generator No. 02	Ops. Test	Class	Satisfactory
<b>Fire Main System</b>			
Fire & Sw Cooling Pump Port No.8	Examination	Class	Satisfactory
Fire Pump No.02 S/bd	Examination	Class	Satisfactory
<b>Fresh Water Cooling System</b>			
Main Fresh Water Circulating Pump No 01 P Inbd	Examination	Class	Satisfactory
Main Fresh Water Circulating Pump No 02 P Outbd	Examination	Class	Satisfactory
<b>Fuel Oil Carrier Cargo Piping System</b>			
Priming Pump #1p Fwd	Examination	Class	Satisfactory
Priming Pump #2p Fwd	Examination	Class	Satisfactory
Priming Pump #3p Aft	Examination	Class	Satisfactory
<b>Fuel Oil Service System</b>			
Fuel Oil Service Pump Attached #1 Mgo	Examination	Class	Satisfactory
Fuel Oil Service Pump Attached #2 Mgo	Examination	Class	Satisfactory
<b>Fuel Oil Storage And Transfer System</b>			
Diesel Oil Service Pump Port	Examination	Class	Satisfactory
Diesel Oil Service Pump S/bd	Examination	Class	Satisfactory
Diesel Oil Transfer Pump Pa Pumpm	Examination	Class	Satisfactory
Heater For Fuel Oil Purifier #1p Inbd	Examination	Class	Satisfactory
Heater For Fuel Oil Purifier #2p Outbd	Examination	Class	Satisfactory
Transfer Pump P Baseoil	Examination	Class	Satisfactory
Transfer Pump P Bilge	Examination	Class	Satisfactory
Transfer Pump S Brine	Examination	Class	Satisfactory
Transfer Pump Ss Drillw	Examination	Class	Satisfactory
<b>Generic System</b>			
Pump Foam	Examination	Class	Satisfactory
Pump P Wastoil	Examination	Class	Satisfactory
<b>Hydraulic Oil System</b>			
Hydraulic Pump Transfer	Examination	Class	Satisfactory
Hydraulic Valve Pump Units #1 P Fwd	Examination	Class	Satisfactory
Hydraulic Valve Pump Units #2 S Fwd	Examination	Class	Satisfactory
<b>Lubricating Oil Service System</b>			
Lube Oil Pump #1thrstr	Examination	Class	Satisfactory

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TRN-HCJ-00027184

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TRN-MDL-00171705



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC364607
First Visit Date	27-Jun-2003	Last Visit Date	30-Jun-2003

Lube Oil Pump #2 Thrust	Examination	Class	Satisfactory
Lube Oil Pump #3 Thrust	Examination	Class	Satisfactory
Main Lube Oil Cooler #1 Mge	Examination	Class	Satisfactory
Main Lube Oil Cooler #2 Mge	Examination	Class	Satisfactory
Pre-Lube Pump #1 Mge	Examination	Class	Satisfactory
Pre-Lube Pump #2 Mge	Examination	Class	Satisfactory
<b>Lubricating Oil Storage And Transfer System</b>			
Heater For Lube Oil Purifier	Examination	Class	Satisfactory
<b>Main Power Distribution System</b>			
Aux Switchboard P Aft	Examination	Class	Satisfactory
Aux Switchboard P Fwd	Examination	Class	Satisfactory
Electric Cables	Examination	Class	Satisfactory
Electric Motors	Examination	Class	Satisfactory
Electric Motors	Megger Reading	Class	Satisfactory
Generator Trip No 01 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 01 - Undervoltage Protection	Examination	Class	Satisfactory
Generator Trip No 02 - Reverse Power Protection	Examination	Class	Satisfactory
Generator Trip No 02 - Undervoltage Protection	Examination	Class	Satisfactory
Main Engine Driven Generator Coupling No.1	Examination	Class	Satisfactory
Main Engine Driven Generator Coupling No.2	Examination	Class	Satisfactory
Main Motor No. 01	Examination	Class	Satisfactory
Main Motor No. 02	Examination	Class	Satisfactory
Main Motor No. 03	Examination	Class	Satisfactory
<b>Main Propulsion System</b>			
Camshaft No.1	Timing Record	Class	Satisfactory
Camshaft No.2	Timing Record	Class	Satisfactory
Coupling #1 Thrust	Examination	Class	Satisfactory
Coupling #2 Thrust	Examination	Class	Satisfactory
Coupling #3 Thrust	Examination	Class	Satisfactory
Crankcase Relief Valves No.1	Examination	Class	Satisfactory
Crankcase Relief Valves No.2	Examination	Class	Satisfactory
Crankshaft No.1	Deflection	Class	Satisfactory
Crankshaft No.2	Deflection	Class	Satisfactory
Exhaust Manifold No.1	Examination	Class	Satisfactory
Exhaust Manifold No.2	Examination	Class	Satisfactory
Foundation Bolts #1 Mge	Examination	Class	Satisfactory
Foundation Bolts #2 Mge	Examination	Class	Satisfactory
Foundation Checks #1 Mge	Examination	Class	Satisfactory
Foundation Checks #2 Mge	Examination	Class	Satisfactory
Governor #1 Mge	Examination	Class	Satisfactory
Governor #2 Mge	Examination	Class	Satisfactory
Intake Manifold No.1	Examination	Class	Satisfactory
Intake Manifold No.2	Examination	Class	Satisfactory
Lube Oil Pump Attached #1 Mge	Examination	Class	Satisfactory
Lube Oil Pump Attached #2 Mge	Examination	Class	Satisfactory
Turbocharger No 01	Examination	Class	Satisfactory

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TRN-HCJ-00027185

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TRN-MDL-00171706



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

Turbocharger No 02	Examination	Class	Satisfactory
<b>Sea Water Cooling System</b>			
Main Engine Air Cooler No.01 #1 Mge	Examination	Class	Satisfactory
Main Engine Air Cooler No.01 #2 Mge	Examination	Class	Satisfactory
Main Engine Air Cooler No.01 #3 Mge	Examination	Class	Satisfactory
Main Engine Air Cooler No.02 #1 Mge	Examination	Class	Satisfactory
Main Engine Air Cooler No.02 #2 Mge	Examination	Class	Satisfactory
Salt Water Cooling Pump #1thrustr	Examination	Class	Satisfactory
Salt Water Cooling Pump #2thrustr	Examination	Class	Satisfactory
Salt Water Cooling Pump #3thrustr	Examination	Class	Satisfactory
Salt Water Service Pump #1sf Fwd	Examination	Class	Satisfactory
Salt Water Service Pump #2pf Aft	Examination	Class	Satisfactory
<b>Starting Air System</b>			
Starting Air Compressor No.1	Examination	Class	Satisfactory
Starting Air Compressor No.2	Examination	Class	Satisfactory
Starting Air Tank No.01	Examination	Class	Satisfactory
Starting Air Tank No.02	Examination	Class	Satisfactory
Starting Air Tank No.03	Examination	Class	Satisfactory
Starting Air Tank Relief Valve No.02	Examination	Class	Satisfactory
Starting Air Tank Relief Valve No.03	Examination	Class	Satisfactory
Starting Air Tank Relief Valve No.04	Examination	Class	Satisfactory
Starting Air Valves	Examination	Class	Satisfactory
<b>Steam Piping System</b>			
Manuvering Controls	Examination	Class	Satisfactory
<b>Steering Gear System</b>			
Steering Gear Control System #1thrustr	Examination	Class	Satisfactory
Steering Gear Control System #2thrustr	Examination	Class	Satisfactory
Steering Gear Control System #3thrustr	Examination	Class	Satisfactory
Steering Gear Unit #1thrustr	Examination	Class	Satisfactory
Steering Gear Unit #2thrustr	Examination	Class	Satisfactory
Steering Gear Unit #3thrustr	Examination	Class	Satisfactory
Steering Gear Unit - Pipes #1thrustr	Examination	Class	Satisfactory
Steering Gear Unit - Pipes #2thrustr	Examination	Class	Satisfactory
Steering Gear Unit - Pipes #3thrustr	Examination	Class	Satisfactory
Steering Gear Unit - Pumps #1thrustr	Examination	Class	Satisfactory
Steering Gear Unit - Pumps #2thrustr	Examination	Class	Satisfactory
Steering Gear Unit - Pumps #3thrustr	Examination	Class	Satisfactory
Steering Gear Unit - Relief Valve #1thrustr	Examination	Class	Satisfactory
Steering Gear Unit - Relief Valve #2thrustr	Examination	Class	Satisfactory
Steering Gear Unit - Relief Valve #3thrustr	Examination	Class	Satisfactory
<b>OUTFITTING</b>			
Bearing Clearance Record NO.1	Examination	Class	Satisfactory
Bearing Clearance Record NO.2	Examination	Class	Satisfactory
Camshaft Timing Record NO.2	Examination	Class	Satisfactory



**AMERICAN BUREAU OF SHIPPING**  
**CLASS SURVEY REPORT**

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **27-Jun-2003**

Class Number **0139290**  
Report Number **MC364607**  
Last Visit Date **30-Jun-2003**

**Chief Engineer Details**

Chief Engineer Name **Kenneth Peter Hildre**  
License Issued By Admin **Norway**

License Number **79406**  
License Expiry Date **29-JAN-07**

SSR

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TRN-MDL-00171709



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Majuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 28-Dec-2005 as the vessel lay afloat, in order to carry out the inspection(s) noted below:

Survey Location: Morgan City

Report	Survey Description	Status	Outstanding
MC669370_G	Renewal IOPP Annex I Survey 1	Completed	No
MC669370_H	Renewal Survey - MODU 1	Commenced	Yes
MC669370_I	Renewal Load Line Survey 1	Commenced	No
MC669370_J	Renewal ISPP Annex IV Survey 1	Completed	No
MC669370_K	Survey for Compliance - Statutory	Completed	No
MC669370_M	Extension Survey (Statutory) - Renewal Survey - MODU 1 Renewal Survey - MODU 1 Ext Date 31-Jul-2006	Completed	No
MC669370_N	ILO92 Compliance Survey	Completed	No
MC669370_O	Extension Survey (Statutory) - Renewal Load Line Survey 1 Renewal Load Line Survey 1 Ext Date 31-Jul-2006	Completed	No
MC669370_S	Other Survey (Statutory) - Annual Elevator Survey.	Completed	No
MC669370_T	Other Survey (Statutory) - Marshall Islands Annual Safety Inspection	Completed	No
MC669370_V	Other Survey (Statutory) - Renewal Survey for the IMO Dynamic Positioning Flag State Verification and acceptance document.	Completed	No
MC669370_W	ILO133 Compliance Survey	Completed	No
MC669370_X	Cargo Gear Survey	Completed	No

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status	Freeboard Deadweight Assignment ( Tonnes ) State
0139290-669370-012	Cargo Gear Re-testing Certificate	18-Jan-2006	18-Jan-2011		Issued	
0139290-669370-010	Document of Compliance for ILO Convention 133	02-Jan-2006	28-Feb-2011	Full Term	Issued	
0139290-669370-007	Flag State Verification and	02-Jan-2006	28-Feb-2011	Full Term	Issued	

\*Total Pages Including Checksheets: Page 1 of \_\_\_\_\_ (Internal ABS distribution only)

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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TRN-MDL-00171710



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status	Freeboard Assignment (Tonnes) State	Deadweight
0139290-669370-002	Acceptance Document International Load Line Certificate (HSSC)	02-Jan-2006	31-Jul-2006	Short Term	Issued	Active	0.00
0139290-669370-003	International Oil Pollution Prevention Certificate (Annex I - HSSC)	02-Jan-2006	28-Feb-2011	Full Term	Issued	Active	0.00
0139290-669370-013	International Oil Pollution Prevention Certificate - Supplement Form A (HSSC)	18-Jan-2006		Full Term	Issued	Active	0.00
0139290-669370-005	International Sewage Pollution Prevention Certificate (Annex IV)	02-Jan-2006	28-Feb-2011	Full Term	Issued		
0139290-669370-006	Mobile Offshore Drilling Unit Safety Certificate (1989)	02-Jan-2006	31-Jul-2006	Short Term	Issued		

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

Geo Martin

Electronically Signed on 18-Jan-2006

Reviewed By  
Smith, Karl D.

Electronically Signed on 18-Jan-2006, Morgan City Port



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

## Outstanding Deficiencies

It is recommended that the following outstanding deficiencies be dealt with to the satisfaction of the attending Surveyor as follows:

Item	Due by Survey	Due by Date
1377, 1379	Renewal Survey - MODU 1	28-Feb-2006

## MC669370\_H : Renewal Survey - MODU 1

### 1377 Structural

Opened In Report	MC669370_H - Renewal Survey - MODU 1	18-Jan-2006	Morgan City, LA
Due By	Renewal Survey - MODU 1, 28-Feb-2006	Minor	Outstanding
Found	No evidence that the Unit has undergone a deadweight survey in compliance with paragraph 3.1.5 of the 1989 IMO MODU Code.		
Recommendation	Prior to completion of the 1989 MOCU Code Safety Certificate Renewal Survey, extended to 31 July 2006, the Unit is to undergo a deadweight survey in accordance with an ABS approved procedure, to the satisfaction of the attending Surveyor.		

### Rectification

### 1379 Structural

Opened In Report	MC669370_H - Renewal Survey - MODU 1	18-Jan-2006	Morgan City, LA
Due By	Renewal Survey - MODU 1, 28-Feb-2006	Minor	Outstanding
Found	Special Surveys of Hull and Machinery and a Drydocking Survey not completed.		
Recommendation	Prior to completion of the 1989 MODU Code Renewal Survey, extended to 31 July 2006, the Special Surveys of Hull and Machinery and the Drydocking Survey to be carried out to the satisfaction of the attending Surveyor.		

### Rectification

## Statement/Observation

### 1387 IMO Flag State Verification and Acceptance Document Renewal Survey.

A Survey for Renewal of the IMO Flag State Verification and Acceptance Document was carried out as follows:  
Statement of Fact on Compliance with The IMO Guidelines for Dynamically Positioned Vessels. IMO MSC Circular MSC 645.  
At the request of the Owners Representative, the undersigned Surveyor attended on board the Dynamically Positioned Semisubmersible Deepwater Horizon, IMO No 8764597 of Majuro on the 28th Dec 2005 and subsequent dates, as the vessel lay on location in the US Gulf for the purpose of witnessing tests, checks and inspections of the Dynamic Positioning System hardware and capabilities in relation to the requirements of the IMO Guidelines for Vessels with Dynamic Positioning Systems, (MSC Circular 645 ) 6 June 1994.

At the completion of the tests, checks and inspections, the system was found to comply with the requirements for Equipment

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TRN-MDL-00171712





## AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

Class 3, (Redundancy of all components and physical separation of the components.)

The Deepwater Horizon is a dynamically positioned 5th Generation Semisubmersible utilizing eight (8) azimuthing thrusters driven by variable speed AC motors, the thrusters are arranged in two sets of four on each pontoon. Power for the thrusters is supplied by six (6) diesel generator sets each consisting of a Wartsila Vasa 18V32 medium speed engine driving an ABB 7 mW alternator at 720 rpm. The ship is ABS Classed with the notations + A1 Drilling Unit, + AMS, ACCU, DPS-3,

The various elements of the IMO Guidelines are addressed and numbered in the order that they appear in the text of the Guideline Document itself.

3.1.1 Functional Requirements. The Dynamic Positioning Equipment on board including the Kongsberg SDP 32 DP system, Seatex DGPS Position References, Anschultz Gyrocompass heading sensors and Harris wind sensors are built, installed and tested according to the ABS Steel Vessel Rules Part 4 (Machinery and Systems) requirements for DP-3 Dynamically Positioned Vessels. Class vessels.

3.1.2. Redundancy of components for equipment meets the requirements for Equipment Class Three as noted above.

3.1.3. Full redundancy of all systems is provided.

3.1.4. In DP-3 Mode of operation, system components of all three systems operate in parallel and transfer in the event of failure is seamless.

3.2.1. Power System. The power system is arranged to provide auto start of the Standby Diesel Generator sets in response to power demand increase.

3.2.4. The diesel generators are arranged in six separate engine rooms. Two switchboards are provided, each located in a separate compartment with an A60 bulkhead separation. Each switchboard supplies all essential loads.

3.2.5. The power system is arranged so that the power available for position keeping should be sufficient to maintain the vessel in position after failure of components or systems as follows: Failure of any single generator, thruster, switchboard or valve. Failure of any single cable, pipe run or manual valve. Failure of all components in any single watertight compartment. Failure of all components in any one fire sub-division from fire or flooding.

3.2.6. A power management system is installed and redundancy is provided in accordance with the requirements of the ABS Requirements for DP-3 Class Vessels.

3.3. Thruster System.

3.3.1 The thruster system comprises eight 5500kW azimuthing variable speed thrusters.

3.3.2 The thruster system is configured such that all thrusters may be connected to either of the two switchboards.

3.3.3 The values of thruster force used in the consequence analysis are corrected for interference between thrusters.

3.3.4 Failure of thruster speed or azimuth control does not result in uncontrolled full speed or azimuth change.

3.4 DP Control System

3.4.1.1 The Main DP Control station is arranged on the ship's bridge with a view of the ship's limits and the exterior conditions.

3.4.1.2 The DP Control Station displays information from the power system, thruster system and DP Control System.

3.4.1.3 DP Control Display Systems Interfaces are intuitive and clearly marked. The control mode selection options are clearly displayed.

3.4.1.4 The operator controls are designed so that no single inadvertent operator action can lead to a critical situation.

3.4.1.5 Alarms and warnings for system failures are audible and visual. A permanent record of alarms is generated by a data logger.

3.4.1.6 The DP system is arranged to prevent failures being transferred from one system to another.



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

3.4.1.7 Thruster manual control is possible by means of individual joysticks in the event of DP control system failure.

3.4.1.8 The DP Control system software is produced in accordance with ISO standards.

## 3.4.2. Computers.

3.4.2.3 The DP Control system consists of three independent computer systems with self checking and alignment facilities. A back up DP Control system is arranged in a separate DP control room on the Main Deck level in the engine control.

3.4.2.4 Consequence analysis functions are incorporated in the DP Control software. The consequence analysis is arranged to provide an alarm if the worst case failure would result in insufficient thrust available.

3.4.2.5 Redundant computer systems are arranged with automatic transfer of control after a detected failure in any of the computer systems.

3.4.2.6 The backup DP control room is situated in a space separated from the Main DP Control Station. The backup system is online at all times and is updated by the sensors, position reference systems and thruster feedback.

3.4.2.7 An uninterruptible power supply is provided for each DP computer system.

## 3.4.3 Position Reference Systems.

3.4.3.1 The position reference systems provided include DGPS receivers and acoustic transponders.

3.4.3.2 Three DGPS receivers are provided and arranged for simultaneous operation.

3.4.3.5 The performance of position reference systems are monitored and warnings are provided when the signals are downgraded.

3.4.3.6 The backup DP Control system has a DGPS Receiver directly connected to it.

## 3.4.4. Vessel Sensors

3.4.4.1 Vessel sensors are arranged to measure heading by means of three independent gyrocompasses, vessel motions by three independent accelerometers and wind speed by three anemometers.

3.4.4.3 All sensors for the same purpose are arranged so that failure of one will not affect the others.

3.4.4.4 One of each type of sensor are directly connected to the Backup DP Control system.

## 3.5 Cables and Piping Systems.

3.5.1 Cables for redundant equipment are not routed together through the same compartments.

3.5.2 Redundant piping systems are not routed through the same compartments.

## 3.5. Requirements for essential non DP systems.

Common fire suppression systems, engine ventilation systems and shut down systems comply with the ABS MODU Rules and the 1989 MODU Code as applicable.

## 4.0 Operational requirements.

4.1 Vessel specific location checklists are provided to ensure the system is functioning correctly

4.2 Watchkeeping checklists are provided.

4.3 Operating instructions are provided to enable DP operations to be terminated when the environmental conditions are such that the vessel could no longer maintain position if the single failure criteria applicable to the DP-3 Class should occur.

4.4 The DP Operating Manual Contains the following checklists:

4.4.1 Location checklist

4.4.2 Watchkeeping checklist

4.4.3 DP operation instructions.

4.4.4 Annual tests and procedures.



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

4.4.5 Initial and periodical tests and procedures.

4.4.6 Tests and procedures after modifications.

5.0 Surveys and Testing.

5.1.1.1 A Renewal Survey consisting of a complete examination and functional test of the DP system was carried out. A recent comprehensive DP Audit Report dated April 2005 was utilized as a reference source.

## MC669370\_K : Survey for Compliance - Statutory

### 38 Outfitting

Opened In Report	MC595515_F - Annual Survey - MODU 4	04-Apr-2005	Morgan City, LA
Closed In Report	MC669370_K - Survey for Compliance - Statutory	18-Jan-2006	Morgan City, LA
Due By	Renewal Survey - MODU 1, 28-Feb-2006	Additional Requirements	Closed

**Found** Helicopter storage fuel tanks found without remote shutoff valves on fuel outlet as required by 2001 Modu rules 4-2-4/17.1.4.

**Recommendation** It is recommended that the Helicopter Storage tank outlet valves found at this time without a remote means of closure in the event of an fire are to be provided with a type of closure complying with 2001 ABS Modu rules Part 4-2-4/17.1.4 by the Modu Code Renewal Survey due date of 28 Feb. 2006

**Rectification (Full)** Referring to Morgan City Report No MC595515\_F - Annual Survey - MODU 4 dated 04-Apr-2005 . The Outstanding Recommendation contained in the above report was re-examined and dealt with to the satisfaction of the attending Surveyor, to be converted to CLOSED status on the Record. It was verified that the fuel tanks were provided with remote shutoff valves.

## MC669370\_M : Extension Survey (Statutory) - Renewal Survey - MODU 1

### Statement/Observation

#### 1386 Extension Survey for Statutory Certificates.

In accordance with the Instructions given in the ABS Offshore Survey Managers email dated 15 Dec 2005, a survey for extension of the Loadline Renewal and MODU Code Surveys was satisfactorily completed as follows:

1. The MODU Code Renewal and the Loadline Renewal Surveys were completed to the maximum extent possible with no outstanding deficiencies noted.
2. Short Term MODU Code and Loadline Certificates were issued valid until 31 July 2006, pending completion of the deadweight survey, Special Surveys of Hull and Machinery and the UWILD Survey.

## MC669370\_S : Other Survey (Statutory)

### Statement/Observation

#### 1383 An Annual Survey was satisfactorily completed on the four column elevators in accordance with the requirements of the ABS

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**AMERICAN BUREAU OF SHIPPING  
STATUTORY SURVEY REPORT**

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC669370
First Visit Date	28-Dec-2005	Last Visit Date	18-Jan-2006

Guide for Shipboard Elevators and the ABS Elevator Certificate was endorsed for Annual Survey.

**1384** Marshall Islands Annual safety Inspection.

A Marshall Islands Safety Inspection was completed in accordance with the requirements of the administration and the requisite form completed, the original being provided to the Units Master.

**MC669370\_X : Cargo Gear Survey**

Description	Inspected Type	Inspected By	State
<b>Machinery</b>			
<b>Cargo Gear System</b>			
Gantry Crane	Renewal. Insp.	Class	Satisfactory
Pipehandler Crane	Renewal. Insp.	Class	Satisfactory
Port Crane	Renewal. Insp.	Class	Satisfactory
Starboard Crane	Renewal. Insp.	Class	Satisfactory



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Majuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 28-Dec-2006 as the vessel lay afloat, in order to carry out the inspection(s) noted below:

Survey Location: Morgan City

Report	Survey Description	Status	Outstanding
MC783385_D	Annual Load Line Survey 1	Completed	No
MC783385_E	Annual Survey - MODU 1	Completed	No
MC783385_F	Annual IOPP Annex I Survey 1	Completed	No
MC783385_J	Other Survey (Statutory) - Flag State Verification and Acceptance Document Annual Survey	Completed	No
MC783385_K	Other Survey (Statutory) - Examination and Test of Lifeboat On Load Release Gears and Davit Winch Brakes.	Completed	No
MC783385_L	Cargo Gear Survey	Completed	No
MC783385_M	Elevator Survey	Completed	No
MC783385_N	Flag State Inspection - Marshall Islands Annual Safety Inspection.	Completed	No

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status	Freeboard Assignment (Tonnes)	Deadweight State
0139290-783385-001	Cargo Gear Annual Certificate	01-Jan-2007			Issued		
0139290-669370-007	Flag State Verification and Acceptance Document	02-Jan-2006	28-Feb-2011	Full Term	Annual Endorsement On 01-Jan-2007		
0139290-715055-002	International Load Line Certificate (HSSC)	11-Jun-2006	28-Feb-2011	Full Term	Annual Endorsement On 01-Jan-2007	Active	0.00
0139290-669370-003	International Oil Pollution Prevention Certificate	02-Jan-2006	28-Feb-2011	Full Term	Annual Endorsement	Active	0.00

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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TRN-MDL-00171717



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status	Freeboard Assignment (Tonnes)	Deadweight State
--------------------	-------------------------	------------	-------------	------	--------	-------------------------------	------------------

	(Annex I - HSSC)				On		
0139290-715055-004	Mobile Offshore Drilling Unit Safety Certificate (1989)	11-Jun-2006	28-Feb-2011	Full Term	Annual Endorsement	On	
0139290-715055-005	Shipboard Elevator Certificate	11-Jun-2006			Annual Endorsement	On	
					01-Jan-2007		

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

Gee Martin      Electronically Signed on 02-Jan-2007

Reviewed By  
Smith, Karl D.      Electronically Signed on 04-Jan-2007, Morgan City Port



## AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

### MC783385\_J : Other Survey (Statutory)

#### Statement/Observation

1451 Lifeboat Davit Manual and Centrifugal Brakes opened up for visual inspection. No defects noted. Lifeboat On Load release gear opened up and visually inspected. No defects noted. On load gear and davit brakes subjected to a light load test with satisfactory results.

### MC783385\_K : Other Survey (Statutory)

#### Statement/Observation

1452 Flag State Verification and Acceptance Document Annual Survey.

Statement of Fact on Compliance with The IMO Guidelines for Dynamically Positioned Vessels.

IMO MSC Circular MSC 645.

At the request of the Owners Representative, the undersigned Surveyor attended on board the DP 3 Dynamically Positioned Semi Submersible Deepwater Horizon, IMO No 8764597 of Majuro on the 28th Dec 2006 and subsequent dates, as the vessel lay on location in the US Gulf for the purpose of witnessing tests, checks and inspections of the Dynamic Positioning System hardware and capabilities in relation to the requirements of the IMO Guidelines for Vessels with Dynamic Positioning Systems, (MSC Circular 645) 6 June 1994.

At the completion of the tests, checks and inspections, the system was found to comply with the requirements for Equipment Class 3, Redundancy of all components and physical separation of the components.

The Deepwater Horizon is a dynamically positioned 5th Generation Semi Submersible utilizing eight (8) azimuthing thrusters driven by variable speed AC motors, the thrusters are arranged in four sets of two at the forward and aft ends of the port and stbd pontoons.

Power for the thrusters is supplied by six (6) diesel generators sets each consisting of a Wärtsilä 32 medium speed engine developing 720 KW at 720 rpm.

The ship is ABS Classed with the notations + A1 Drilling Unit. E. + AMS, ACCU, DPS-3.

The various elements of the IMO Guidelines are addressed and numbered in the order that they appear in the text of the Guideline Document itself.

3.1.1 Functional Requirements. The Dynamic Positioning Equipment on board including the Kongsberg Control Systems, Fugro DGPS Position References, Sperry Gyrocompass heading sensors and RM Young wind sensors are built, installed and tested according to the ABS Steel Vessel Rules Part 4 (Machinery and Systems) requirements for DP-3 Dynamically Positioned Vessels. Class vessels.

3.1.2. Redundancy of components for equipment meets the requirements for Equipment Class Three as noted above.

3.1.3. Full redundancy of all systems is provided.

3.1.4. In DP-3 Mode of operation, system components of all three systems operate in parallel and transfer in the event of failure is seamless.

3.2.1. Power System. The power system is arranged to provide auto start of the Standby Diesel Generator sets in response to power demand increase.



## AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

3.2.4. The diesel generators are arranged in their own separate engine rooms. Two switchboards are provided, each located in a separate compartment with an A60 bulkhead separation. Each switchboard supplies all essential loads.

3.2.5. The power system is arranged so that the power available for position keeping is sufficient to maintain the vessel in position after failure of components or systems as follows: Failure of any single generator, thruster, switchboard or valve. Failure of any single cable, pipe run or manual valve. Failure of all components in any single watertight compartment. Failure of all components in any one fire sub-division from fire or flooding.

3.2.6. A power management system is installed and redundancy is provided in accordance with the requirements of the ABS Requirements for DP-3 Class Vessels.

### 3.3. Thruster System.

3.3.1 The thruster system comprises eight (8) 5MW azimuthing variable speed thrusters.

3.3.2 The thruster system is configured such that all thrusters may be connected to either of the two switchboards.

3.3.3 The values of thruster force used in the consequence analysis are corrected for interference between thrusters.

3.3.4 Failure of thruster speed or azimuth control does not result in uncontrolled full speed or azimuth change.

### 3.4 DP Control System

3.4.1.1 The Main DP Control station is arranged on the ship's bridge with a view of the ship's limits and the exterior conditions.

3.4.1.2 The DP Control Station displays information from the power system, thruster system and DP Control System.

3.4.1.3 DP Control Display System's interfaces are intuitive and clearly marked. The control mode selection options are clearly displayed.

3.4.1.4 The operator controls are designed so that no single inadvertent operator action can lead to a critical situation.

3.4.1.5 Alarms and warnings for system failures are audible and visual. A permanent record of alarms is generated by a data logger.

3.4.1.6 The DP system is arranged to prevent failures being transferred from one system to another.

3.4.1.7 Thruster manual control is possible by means of individual joysticks in the event of DP control system failure.

3.4.1.8 The DP Control system software is produced in accordance with ISO standards.

### 3.4.2. Computers.

3.4.2.3 The DP Control system consists of three independent computer systems with self checking and alignment facilities. A back up DP Control system is arranged in a separate DP control room on the Bridge Deck level.

3.4.2.4 Consequence analysis functions are incorporated in the DP Control software. The consequence analysis is arranged to provide an alarm if the worst case failure would result in insufficient thrust available.

3.4.2.5 Redundant computer systems are arranged with automatic transfer of control after a detected failure in any of the computer systems.

3.4.2.6 The backup DP control room is situated in a space separated by an A60 division from the Main DP Control Station. The backup system is online at all times and is updated by the sensors, position reference systems and thruster feedback.

3.4.2.7 An uninterruptible power supply is provided for each DP computer system.

### 3.4.3 Position Reference Systems.

3.4.3.1 The position reference systems provided include DGPS receivers and acoustic transponders.

3.4.3.2 Three DGPS receivers are provided and arranged for simultaneous operation.

3.4.3.5 The performance of position reference systems are monitored and warnings are provided when the signals are downgraded.





## AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

3.4.3.6 The backup DP Control system has a DGPS Receiver directly connected to it.

#### 3.4.4. Vessel Sensors

3.4.4.1 Vessel sensors are arranged to measure heading by means of three independent gyrocompasses, vessel motions by three independent accelerometers and wind speed by three anemometers.

3.4.4.3 All sensors for the same purpose are arranged so that failure of one will not affect the others.

3.4.4.4 One of each type of sensor are directly connected to the Backup DP Control system.

#### 3.5 Cables and Piping Systems.

3.5.1 Cables for redundant equipment are not routed together through the same compartments.

3.5.2 Redundant piping systems are not routed through the same compartments.

#### 3.5. Requirements for essential non DP systems.

Common fire suppression systems, engine ventilation systems and shut down systems comply with the ABS MODU Rules and the 1989 MODU Code as applicable.

#### 4.0 Operational requirements.

4.1 Vessel specific location checklists are provided to ensure the system is functioning correctly

4.2 Watchkeeping checklists are provided.

4.3 Operating Instructions are provided to enable DP operations to be terminated when the environmental conditions are such that the vessel could no longer maintain position if the single failure criteria applicable to the DP-3 Class should occur.

4.4 The DP Operating Manual Contains the following checklists:

4.4.1 Location checklist

4.4.2 Watchkeeping checklist

4.4.3 DP operation instructions.

4.4.4 Annual tests and procedures.

4.4.5 Initial and periodical tests and procedures.

4.4.6 Tests and procedures after modifications.

#### MC783385\_N : Flag State Inspection

##### Statement/Observation

1450 Marshall Islands Annual Safety Inspection carried out without deficiencies. Original copy provided to Master.

#### MC783385\_L : Cargo Gear Survey

Description	Inspected Type	Inspected By	State
<b>Machinery</b>			
<b>Cargo Gear System</b>			
Gantry Crane	Annual. Insp.	Class	Satisfactory
Pipehandler Crane	Annual. Insp.	Class	Satisfactory
Port Crane	Annual. Insp.	Class	Satisfactory

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**AMERICAN BUREAU OF SHIPPING  
STATUTORY SURVEY REPORT**

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **28-Dec-2006**

Class Number **0139290**  
Report Number **MC783385**  
Last Visit Date **02-Jan-2007**

Starboard Crane  
**MC783385\_M : Elevator Survey**

Annual Insp. Class Satisfactory

**Description**

Inspected Type Inspected By State

**Machinery**

**Cargo Gear System**  
Elevator

Renewal Insp. Class Satisfactory



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Majuro, Republic of Marshall Islands, Class Number 0139290, IMO Number 8764597, on 28-Dec-2006 as the vessel lay afloat, in order to carry out the inspection(s) noted below:

Survey Location: Morgan City

Report	Survey Description	Status	Outstanding
MC783385_D	Annual Load Line Survey 1	Completed	No
MC783385_E	Annual Survey - MODU 1	Completed	No
MC783385_F	Annual IOPP Annex I Survey 1	Completed	No
MC783385_J	Other Survey (Statutory) - Flag State Verification and Acceptance Document Annual Survey	Completed	No
MC783385_K	Other Survey (Statutory) - Examination and Test of Lifeboat On Load Release Gears and Davit Winch Brakes.	Completed	No
MC783385_L	Cargo Gear Survey	Completed	No
MC783385_M	Elevator Survey	Completed	No
MC783385_N	Flag State Inspection - Marshall Islands Annual Safety Inspection.	Completed	No

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status	Freeboard Assignment (Tonnes) State	Deadweight
0139290-783385-001	Cargo Gear Annual Certificate	01-Jan-2007			Issued		
0139290-669370-007	Flag State Verification and Acceptance Document	02-Jan-2006	28-Feb-2011	Full Term	Annual Endorsement On 01-Jan-2007		
0139290-715055-002	International Load Line Certificate (HSSC)	11-Jun-2006	28-Feb-2011	Full Term	Annual Endorsement On 01-Jan-2007	Active	0.00
0139290-669370-003	International Oil Pollution Prevention Certificate	02-Jan-2006	28-Feb-2011	Full Term	Annual Endorsement	Active	0.00

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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# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Certificate Number	Certificate Description	Issue Date	Expiry Date	Term	Status	Freeboard Assignment (Tonnes)	Deadweight State
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	(Annex I - HSSC)				On		
					01-Jan-2007		
0139290-715055-004	Mobile Offshore Drilling Unit Safety Certificate (1988)	11-Jun-2006	28-Feb-2011	Full Term	Annual		
					Endorsement		
					On		
					01-Jan-2007		
0139290-715055-005	Shipboard Elevator Certificate	11-Jun-2006			Annual		
					Endorsement		
					On		
					01-Jan-2007		

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

Gee Martin

Electronically Signed on 02-Jan-2007

Reviewed By  
Smith, Karl D.

Electronically Signed on 04-Jan-2007, Morgan City Port

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TRN-HCJ-00027203

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TRN-MDL-00171724



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

## MC783385\_J : Other Survey (Statutory)

### Statement/Observation

1451 Lifeboat Davit Manual and Centrifugal Brakes opened up for visual inspection. No defects noted. Lifeboat On Load release gear opened up and visually inspected. No defects noted. On load gear and davit brakes subjected to a light load test with satisfactory results.

## MC783385\_K : Other Survey (Statutory)

### Statement/Observation

1452 Flag State Verification and Acceptance Document Annual Survey.

Statement of Fact on Compliance with The IMO Guidelines for Dynamically Positioned Vessels.

IMO MSC Circular MSC 645.

At the request of the Owners Representative, the undersigned Surveyor attended on board the DP 3 Dynamically Positioned Semi Submersible Deepwater Horizon, IMO No 8764597 of Majuro on the 28th Dec 2006 and subsequent dates, as the vessel lay on location in the US Gulf for the purpose of witnessing tests, checks and inspections of the Dynamic Positioning System hardware and capabilities in relation to the requirements of the IMO Guidelines for Vessels with Dynamic Positioning Systems, (MSC Circular 645) 6 June 1994.

At the completion of the tests, checks and inspections, the system was found to comply with the requirements for Equipment Class 3, Redundancy of all components and physical separation of the components.

The Deepwater Horizon is a dynamically positioned 5th Generation Semi Submersible utilizing eight (8) azimuthing thrusters driven by variable speed AC motors, the thrusters are arranged in four sets of two at the forward and aft ends of the port and stbd pontoons.

Power for the thrusters is supplied by six (6) diesel generators sets each consisting of a Wartsila 32 medium speed engine developing 720 KW at 720 rpm.

The ship is ABS Classed with the notations + A1 Drilling Unit. E. + AMS, ACCU, DPS-3.

The various elements of the IMO Guidelines are addressed and numbered in the order that they appear in the text of the Guideline Document itself.

3.1.1 Functional Requirements. The Dynamic Positioning Equipment on board including the Kongsberg Control Systems, Fugro DGPS Position References, Sperry Gyrocompass heading sensors and RM Young wind sensors are built, installed and tested according to the ABS Steel Vessel Rules Part 4 (Machinery and Systems) requirements for DP-3 Dynamically Positioned Vessels. Class vessels.

3.1.2. Redundancy of components for equipment meets the requirements for Equipment Class Three as noted above.

3.1.3. Full redundancy of all systems is provided.

3.1.4. In DP-3 Mode of operation, system components of all three systems operate in parallel and transfer in the event of failure is seamless.

3.2.1. Power System. The power system is arranged to provide auto start of the Standby Diesel Generator sets in response to power demand increase.

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TRN-MDL-00171725



## AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

3.2.4. The diesel generators are arranged in their own separate engine rooms. Two switchboards are provided, each located in a separate compartment with an A60 bulkhead separation. Each switchboard supplies all essential loads.

3.2.5. The power system is arranged so that the power available for position keeping is sufficient to maintain the vessel in position after failure of components or systems as follows: Failure of any single generator, thruster, switchboard or valve. Failure of any single cable, pipe run or manual valve. Failure of all components in any single watertight compartment. Failure of all components in any one fire sub-division from fire or flooding.

3.2.6. A power management system is installed and redundancy is provided in accordance with the requirements of the ABS Requirements for DP-3 Class Vessels.

### 3.3. Thruster System.

3.3.1 The thruster system comprises eight (8) 5MW azimuthing variable speed thrusters.

3.3.2 The thruster system is configured such that all thrusters may be connected to either of the two switchboards.

3.3.3 The values of thruster force used in the consequence analysis are corrected for interference between thrusters.

3.3.4 Failure of thruster speed or azimuth control does not result in uncontrolled full speed or azimuth change.

### 3.4 DP Control System

3.4.1.1 The Main DP Control station is arranged on the ship's bridge with a view of the ship's limits and the exterior conditions.

3.4.1.2 The DP Control Station displays information from the power system, thruster system and DP Control System.

3.4.1.3 DP Control Display Systems interfaces are intuitive and clearly marked. The control mode selection options are clearly displayed.

3.4.1.4 The operator controls are designed so that no single inadvertent operator action can lead to a critical situation.

3.4.1.5 Alarms and warnings for system failures are audible and visual. A permanent record of alarms is generated by a data logger.

3.4.1.6 The DP system is arranged to prevent failures being transferred from one system to another.

3.4.1.7 Thruster manual control is possible by means of individual joysticks in the event of DP control system failure.

3.4.1.8 The DP Control system software is produced in accordance with ISO standards.

### 3.4.2. Computers.

3.4.2.3 The DP Control system consists of three independent computer systems with self checking and alignment facilities. A back up DP Control system is arranged in a separate DP control room on the Bridge Deck level.

3.4.2.4 Consequence analysis functions are incorporated in the DP Control software. The consequence analysis is arranged to provide an alarm if the worst case failure would result in insufficient thrust available.

3.4.2.5 Redundant computer systems are arranged with automatic transfer of control after a detected failure in any of the computer systems.

3.4.2.6 The backup DP control room is situated in a space separated by an A60 division from the Main DP Control Station. The backup system is online at all times and is updated by the sensors, position reference systems and thruster feedback.

3.4.2.7 An uninterruptible power supply is provided for each DP computer system.

### 3.4.3 Position Reference Systems.

3.4.3.1 The position reference systems provided include DGPS receivers and acoustic transponders.

3.4.3.2 Three DGPS receivers are provided and arranged for simultaneous operation.

3.4.3.5 The performance of position reference systems are monitored and warnings are provided when the signals are downgraded.



# AMERICAN BUREAU OF SHIPPING STATUTORY SURVEY REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

3.4.3.6 The backup DP Control system has a DGPS Receiver directly connected to it.

## 3.4.4. Vessel Sensors

3.4.4.1 Vessel sensors are arranged to measure heading by means of three independent gyrocompasses, vessel motions by three independent accelerometers and wind speed by three anemometers.

3.4.4.3 All sensors for the same purpose are arranged so that failure of one will not affect the others.

3.4.4.4 One of each type of sensor are directly connected to the Backup DP Control system.

## 3.5 Cables and Piping Systems.

3.5.1 Cables for redundant equipment are not routed together through the same compartments.

3.5.2 Redundant piping systems are not routed through the same compartments.

3.5. Requirements for essential non DP systems.

Common fire suppression systems, engine ventilation systems and shut down systems comply with the ABS MODU Rules and the 1989 MODU Code as applicable.

## 4.0 Operational requirements.

4.1 Vessel specific location checklists are provided to ensure the system is functioning correctly

4.2 Watchkeeping checklists are provided.

4.3 Operating Instructions are provided to enable DP operations to be terminated when the environmental conditions are such that the vessel could no longer maintain position if the single failure criteria applicable to the DP-3 Class should occur.

4.4 The DP Operating Manual Contains the following checklists:

4.4.1 Location checklist

4.4.2 Watchkeeping checklist

4.4.3 DP operation Instructions.

4.4.4 Annual tests and procedures.

4.4.5 Initial and periodical tests and procedures.

4.4.6 Tests and procedures after modifications.

## MC783385\_N : Flag State Inspection

### Statement/Observation

1450 Marshall Islands Annual Safety Inspection carried out without deficiencies. Original copy provided to Master.

## MC783385\_L : Cargo Gear Survey

Description	Inspected Type	Inspected By	State
<b>Machinery</b>			
<b>Cargo Gear System</b>			
Gantry Crane	Annual. Insp.	Class	Satisfactory
Pipehandler Crane	Annual. Insp.	Class	Satisfactory
Port Crane	Annual. Insp.	Class	Satisfactory

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TRN-MDL-00171727



**AMERICAN BUREAU OF SHIPPING  
STATUTORY SURVEY REPORT**

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC783385
First Visit Date	28-Dec-2006	Last Visit Date	02-Jan-2007

Starboard Crane	Annual Insp.	Class	Satisfactory
MC783385_M : Elevator Survey			
Description	Inspected Type	Inspected By	State
Machinery			
Cargo Gear System			
Elevator	Renewal Insp.	Class	Satisfactory





**AMERICAN BUREAU OF SHIPPING**  
**STATUTORY INSPECTION REPORT**

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Balboa**  
First Visit Date **14-Mar-2003**

Class Number **0139290**  
Report Number **BL335274**  
Last Visit Date **07-Apr-2003**

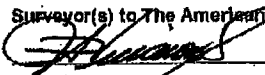
THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Panama, Panama, Class Number 0139290, IMO Number 8764587, on 14-Mar-2003 as the vessel lay afloat, in order to carry out the inspection(s) noted below:

Survey Location : **Panama**

Report	Survey Description	Status	Outstanding	Checksheets*
BL335274_A	Other Survey - Statutory - As per Panama Special Instructions to ABS, item 4.7.1.H Issuance of Full Term ILO Cert.	Completed	No	Yes

Certificate Description	Issue Date	Expiry Date	Term	Status
Certificate of Crew Accommodation	14-Mar-2003	27-Feb-2007	Full Term	Issued

Surveyor(s) to The American Bureau of Shipping

  
Villalobos, Roberto

Reviewed By

  
Kunzel, Alberto P. A.

Date : 07-Apr-2003

Port : South Americas Region Admin

\*Total Pages Including Checksheets: Page 1 of \_\_\_\_\_ (Internal ABS distribution only)

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 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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TRN-MDL-00171729



# AMERICAN BUREAU OF SHIPPING

ABS Plaza - 16855 Northchase Drive  
Houston, TX 77060-8008

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Report No.: MC330064

Date: 27 FEBRUARY 2003

Port: MORGAN CITY, LA.


## DEEPWATER HORIZON ABSID 0139290

### Annual Survey Of Certified Drilling System

This Is To Certify That The Undersigned Surveyor To This Bureau Did Attend The Column Stabilized Drilling Unit "Deepwater Horizon ABSID 0139290 As The Vessel Was Drilling In Green Canyon Block 743 At The Request Of The Owners Representative On 24 February 2003 And Subsequent Dates To Examine And Report Upon The Annual Survey Of The Certified Drilling System As Per The Requirements Contained In The Abs Guide For The Certification Of Drilling Systems 1990 Edition As Follows:

- 1). Exposed Surfaces Of The Derrick, Derrick Support Structure, Drilling Hoisting Systems, Lifting Devices, Stabbing Boards, Racking Platforms, And Drilling Equipment Foundations Were Examined And Found In Satisfactory Condition. The Inspection Of The Derrick And Related Structural Members Were Examined As Follows"
    - A). General Condition Of Structure
    - B). Tightness Of Bolts
    - C). Condition Of Wire Ropes And Fittings
  - 2). Protective Covers, Insulation Shrouds, And Protective Guards Around Moving Parts Were Examined And Found Satisfactory.
  - 3). Derrick Walkways And Ladders, Drill Floor And Drill System Machinery Spaces Were Examined For Fire And Explosive Hazards And Also It Was Confirmed That The Emergency Escape Routes From These Areas Were Not Blocked
  - 4). External Examination Was Carried Out Of Pressure Vessels And Their Appurtenances, Including Safety Devices, Foundations, Controls, Relieving Gear, Piping Systems, Flexible Hoses, Insulation, Gauges And Found Satisfactory.
  - 5). Safety Shutdown Devices Were Examined And Found Satisfactory.
  - 6). The Calibration Of Gas Detectors Was Verified And Found Satisfactory.
  - 7). A General Examination Of All Electrical And Instrumental Systems Including Protective Devices And Cable Supports Was Carried Out And Found Satisfactory.
  - 8). A General Examination Was Made Of The Vessels Mud And Cement Systems And Found Satisfactory.
  - 9). Bop Test Log And Maintenance Records Were Examined And Found Satisfactory.
- The Vessels Empac Preventative Maintenance System Records, Which Consisted Of Certified Drilling Equipment Inspections And Preventative Maintenance Carried Out, Were Examined At This Time And Found Satisfactory.

Certified Drilling Systems Annual Survey Is Considered Complete At This Time.

  
WILLIAM HAYNIE - SURVEYOR

Note: This Report evidences compliance with one or more of the Rules, guides, standards or other criteria of 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 structure, item of material, equipment, machinery or any other item covered by this Report has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. 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 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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TRN-HCJ-00027209

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TRN-MDL-00171730



# AMERICAN BUREAU OF SHIPPING STATUTORY INSPECTION REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC330064
First Visit Date	24-Feb-2003	Last Visit Date	27-Feb-2003

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Panama, Panama, Class Number 0139290, IMO Number 8764597, on 24-Feb-2003 as the vessel lay afloat, in order to carry out the inspection(s) noted below.

Report	Survey Description	Status	Outstanding	Checksheets*
MC330064_F	Annual Survey - MODU 2	Completed	No	Yes
MC330064_G	Annual IOPP Annex I Survey 2	Completed	No	Yes
MC330064_H	Rectification of Outstanding Deficiencies	Completed	No	Yes
MC330064_I	Annual Load Line Survey 2	Completed	No	Yes
MC330064_J	Cargo Gear - Periodical Survey	Commenced	No	Yes
MC330064_K	Other Survey - Statutory - Annual Survey of Four Shipboard Elevators	Completed	No	Yes

Certificate Description	Issue Date	Expiry Date	Term	Status
International Load Line Certificate	05-Jun-2001	28-Feb-2006	Full Term	Annual Endorsement On 27-Feb-2003
International Oil Pollution Prevention Certificate (Annex I - HSSC)	05-Jun-2001	28-Feb-2006	Full Term	Annual Endorsement On 27-Feb-2003
Mobile Offshore Drilling Unit Safety Certificate (1989)	27-Feb-2003	27-Jul-2003	Interim	Issued

Surveyor(s) to THE AMERICAN BUREAU OF SHIPPING

*W Haynie*  
Haynie, William M.

REVIEWED BY

*Kurt A. Larsen*  
Larsen, Kurt Alan

Date : 03-Mar-2003 Port : Morgan City Port

\*Total Pages Including Checksheets: Page 1 of 64 (Internal ABS distribution only)

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 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 Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027210

CONFIDENTIAL

TRN-MDL-00171731



# AMERICAN BUREAU OF SHIPPING STATUTORY INSPECTION REPORT

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC330064
First Visit Date	24-Feb-2003	Last Visit Date	27-Feb-2003

## Rectification of Outstanding Deficiencies

3 Vessel

Opened In Report	NO286098_B	27-Sep-2002	New Orleans, LA
Closed In Report	MC330064_H	27-Feb-2003	Morgan City, LA
Due By	Renewal MODU Survey 1, 28-Feb-2006	Major	Closed

Found

Recommendation IT IS RECOMMENDED THAT THE MODIFICATIONS TO THE QUARTERS, INCLUDING THE OPERATIONS MANUAL AND SAFETY AND FIRE CONTROL PLAN BE REVIEWED AND APPROVED BY ABS OFFSHORE ENGINEERING DEPT. BY 27 FEB 2003 AND PRIOR TO RE-ISSUING A FULL TERM MODU CERT MADE VALID TO 28 FEB 2006. (AGB)

Rectification RECENTLY APPROVED AND UPDATED OPERATION MANUAL AND FIRE AND SAFETY PLANS WERE FOUND ON BOARD APPROVED BY ABS HOUSTON REFLECTING CHANGES IN ROOMS, LIFESAVING EQUIPMENT AND TOTAL COMPLIMENT OF PERSONNEL ALLOWED ON BOARD FROM 130 TO 146 PERSONS. ABS HOUSTON'S LTTR. 13 SEPT. 02 FOR FIRE AND SAFETY PLAN. ABS HOUSTON'S LTTR. FOR OPERATIONS MANUAL UPDATE 08 AUG. 02 AND 13 SEPT. 02. INTERIM MODU CERTIFICATE VALID FOR 5 MONTHS WAS ISSUED PENDING ISSUANCE OF ORIGINAL FULL TERM CERTIFICATE.

4 Vessel

Opened In Report	NO286098_C	27-Sep-2002	New Orleans, LA
Closed In Report	MC330064_H	27-Feb-2003	Morgan City, LA
Due By	30-Mar-2005	Major	Closed

Found

Recommendation IT IS RECOMMENDED THAT THE MODIFICATIONS TO THE QUARTERS, INCLUDING THE OPERATIONS MANUAL AND SAFETY AND FIRE CONTROL PLAN BE REVIEWED AND APPROVED BY ABS OFFSHORE ENGINEERING DEPT. BY 27 FEB 2003 AND PRIOR TO RE-ISSUING A FULL TERM ILO CERT, REFLECTING THE CHANGES, MADE VALID TO 30 MAR 2005. (AGB)

Rectification RECENTLY APPROVED AND UPDATED OPERATION MANUAL AND FIRE AND SAFETY PLANS WERE FOUND ON BOARD APPROVED BY ABS HOUSTON REFLECTING CHANGES IN ROOMS, LIFESAVING EQUIPMENT AND TOTAL COMPLIMENT OF PERSONNEL ALLOWED ON BOARD FROM 130 TO 146 PERSONS. ABS HOUSTON'S LTTR. 13 SEPT. 02 FOR FIRE AND SAFETY PLAN. ABS HOUSTON'S LTTR. FOR OPERATIONS MANUAL UPDATE 08 AUG. 02 AND 13 SEPT. 02. INTERIM ILO CERTIFICATE VALID FOR 5 MONTHS WAS ISSUED PENDING ISSUANCE OF FULL TERM CERTIFICATE REFLECTING CHANGES.

## Cargo Gear - Periodical Survey

Description	Inspected Type	Inspected by	State
MACHINERY			
Cargo Gear System			
Gantry Crane	Annual. Insp.	Class	Satisfactory
Pipehandler Crane	Annual. Insp.	Class	Satisfactory



**AMERICAN BUREAU OF SHIPPING**  
**STATUTORY INSPECTION REPORT**

Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC330064
First Visit Date	24-Feb-2003	Last Visit Date	27-Feb-2003

Port Crane	Annual Insp.	Class	Satisfactory
Starboard Crane	Annual Insp.	Class	Satisfactory



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT



Vessel Name	DEEPWATER HORIZON	Class Number	0139290
Attending Office	Morgan City, LA	Report Number	MC330064
First Visit Date	24-Feb-2003	Last Visit Date	27-Feb-2003

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the Column Stabilized Unit DEEPWATER HORIZON, of Port Panama, Panama, Class Number 0139290, IMO Number 8764597, on 24-Feb-2003 as the vessel lay afloat, in order to carry out the survey(s) noted below.

Report	Survey Description	Status	Outstanding	Checksheets*
MC330064_A	Rectification of Outstanding Recommendations	Completed	No	Yes
MC330064_B	Annual Survey - Drilling System 2	Completed	No	Yes
MC330064_C	Annual Machinery Survey 2	Completed	No	Yes
MC330064_D	Annual Hull Survey 2	Completed	No	Yes
MC330064_E	Annual Automation Survey 2	Completed	No	Yes
MC330064_L	Other Survey - Class - Annual DPS-3 Survey	Completed	No	Yes
MC330064_M	Modification Survey	Completed	No	Yes

Certificate Description	Issue Date	Expiry Date	Term	Status
Class Certificate	26-Apr-2001	28-Feb-2006	Full Term	Annual Endorsement On 02-Mar-2003

## Closing Paragraph

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

Surveyor(s) to THE AMERICAN BUREAU OF SHIPPING

*W. Haynie*  
Haynie, William M.

REVIEWED BY

*Kurt A. Larsen*  
Larsen, Kurt Alan

Date : 03-Mar-2003 Port : Morgan City Port

\*Total Pages Including Checksheets: Page 1 of 104 (Internal ABS distribution only)

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 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 Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027213

CONFIDENTIAL

TRN-MDL-00171734



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Attending Office **Morgan City, LA**  
First Visit Date **24-Feb-2003**

Class Number **0139290**  
Report Number **MC330064**  
Last Visit Date **27-Feb-2003**

## Modification Survey

6

Survey Of Modifications Made To Vessel Spaces Completed At This Time. Outstanding Recommendations On Record As Noted In New Orleans Report 286098 Dated 27 Sept. 03 and Also As Reported Upon In NO Report 267980 Dated 27 June 02 At Survey Commencement Have Been Completed. The Modifications To The Vessels Accomodations, Fire, Safety Plan and Operations Manual have been Satisfied as noted and Are Considered Complete. The Recently Approved ABS Updated Operation Manual And Fire And Safety Plans Were Found On Board Reflecting Changes In Rooms, Lifesaving Equipment And Total Compliment Of Personnel Allowed On Board From 130 To 146 Persons Ref. - ABS Houston's Litr. 13 Sept. 02-Fire And Safety Plan. ABS Houston's Litr. 08 Aug. 02 And 13 Sept. 02- Operations Manual Update.

A New Interim ILO PanCert Was Issued To the Vessel Valid Till 27 July 2003 pending Issuance Of A Full Term Certificate to be Issued By ABS Balboa Reflecting The Increase In Personnel From 130 to 146.  
For More Information On The Modifications Carried Out Please Refer to The Above Noted Reports.

Accommodations

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027215

CONFIDENTIAL

TRN-MDL-00171736



# COPY

Document No.: 0139290-669370-010



## DOCUMENT OF COMPLIANCE

### REPUBLIC OF THE MARSHALL ISLANDS

#### OFFICE OF THE MARITIME ADMINISTRATOR

#### INTERNATIONAL LABOR ORGANIZATION CONVENTION NO. 133

#### CONCERNING CREW ACCOMMODATION ON BOARD SHIP

Name of Ship	Official Number	Port of Registry	Gross Tonnage
DEEPWATER HORIZON	2213	Majuro	32588

The undersigned certifies that the above-mentioned ship is in full compliance with the requirements contained in Part III of ILO Convention No. 92, Accommodation of Crews Convention, as revised and the provisions in Part II of ILO convention No. 133, Accommodation of Crews (Supplementary Provisions) Convention. Any exceptions to the above-noted requirements are listed below.

**EXCEPTIONS:** None

Article:

This certificate is issued under the authorization of the Government of the Republic of the Marshall Islands.  
It will remain in force until 28 February 2011

Issued at Morgan City the 02 January 2006

The undersigned declares that he is duly authorized by the said Government to issue this Certificate.



✓ Geo, Martin, Morgan City Port  
Surveyor's Signature

MI-287

O2K Rev 1

Page 1 of 1

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027216

CONFIDENTIAL

TRN-MDL-00171737

# CERTIFICATE OF INSPECTION OF CREW ACCOMMODATIONS

**REPUBLICA DE PANAMA**  
**REPUBLIC OF PANAMA**

**AUTORIDAD MARITIMA DE PANAMA**  
**PANAMA MARITIME AUTHORITY**

ABS ID No.: 0139290  
Certificate No.: BL335274

**DIRECCION GENERAL DE LA GENTE DE MAR**  
**DIRECTORATE GENERAL OF SEAFARERS**

**CERTIFICADO DE INSPECCION DE LOS ALOJAMIENTOS DE TRIPULACION**  
**CERTIFICATE OF INSPECTION OF CREW ACCOMMODATION**

Expedido de acuerdo a la Resolución: No. 614-257-ALCN de 1984  
Issued in accordance with Resolution: No. 614-257-ALCN of 1984

Nombre del Buque Name of Vessel	Tipo Type	Señal Distintiva Call Sign	Número de OMI IMO Number	Puerto de Matricula Port of Registry	Arqueo Bruto Gross Tonnage	Año de Construcción Year of Construction <sup>1</sup>
"DEEPWATER HORIZON"	MODU	H3 510	876459	Panamá	32,588	2000

Se certifica que los alojamientos de tripulación y otros espacios asociados del buque arriba citado han sido inspeccionados y encontrados satisfactorios, de acuerdo a los reglamentos en vigor en la República de Panamá, incluyendo las partes aplicables de los Convenios de la O.I.T. números 68 y 92 (o 128, en el caso de buques de pesca).

This is to certify that the crew accommodations and other associated spaces of the above vessel have been inspected and found satisfactory according to the regulations in force in the Republic of Panama, including the relevant portions of I.L.O. Conventions 68 and 92 (or 128, in case of fishing vessels).

Las instalaciones están aprobadas para un máximo de 146 tripulantes.  
The arrangements are approved for a maximum of 146 crew members.

**OBSERVACIONES - REMARKS:**

NONE

Este Certificado será válido hasta el 27 FEBRUARY 2004.  
This Certificate will remain valid until

Expedido en PANAMA, REPUBLIC OF PANAMA EL 12 MARCH 2003.  
Issued at

El abajo firmante declara que está autorizado por la D.G.G.M. para expedir este certificado.  
The undersigned declares that he is authorized by the D.G.S. to issue this certificate.

Reconocimiento hecho por: WILLIAM HAYNIE En nombre de la Dirección General de la Gente del Mar.  
Surveys carried out by: On behalf of the Directorate General of Seafarers:



Nombre ING. GABRIEL FERNANDEZ  
Name

Firma  
Signature



<sup>1</sup> Refer to the year of construction shown in the "Patente" (Certificate of Registry).

ILO PANCERT - FULL TERM

Revision 0

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027217

CONFIDENTIAL

TRN-MDL-00171738

# CERTIFICATE OF INSPECTION OF CREW ACCOMMODATIONS

**REPUBLICA DE PANAMA**  
**REPUBLIC OF PANAMA**

AUTORIDAD MARITIMA DE PANAMA  
PANAMA MARITIME AUTHORITY

ABS ID No.: 0139290  
Certificate No.: BL335274

DIRECCION GENERAL DE LA GENTE DE MAR  
DIRECTORATE GENERAL OF SEAFARERS

## CERTIFICADO DE INSPECCION DE LOS ALOJAMIENTOS DE TRIPULACION CERTIFICATE OF INSPECTION OF CREW ACCOMMODATION

Expedido de acuerdo a la Resolución: No. 614-257-ALCN de 1984  
Issued in accordance with Resolution: No. 614-257-ALCN of 1984

Nombre del Buque Name of Vessel	Tipo Type	Señal Distintiva Call Sign	Numero de OMI IMO Number	Puerto de Matrícula Port of Registry	Arqueo Bruto Gross Tonnage	Año de Construcción Year of Construction <sup>1</sup>
"DEEPWATER HORIZON"	MODU	H3 SM	3764567	Panamá	32,588	2000

Se certifica que los alojamientos de tripulación y otros espacios asociados del buque arriba citado han sido inspeccionados y encontrados satisfactorios, de acuerdo a los reglamentos en vigor en la República de Panamá, incluyendo las partes aplicables de los Convenios de la O.I.T. números 68 y 92 (o 126, en el caso de buques de pesca).

This is to certify that the crew accommodations and other associated spaces of the above vessel have been inspected and found satisfactory according to the regulations in force in the Republic of Panama, including the relevant portions of I.L.O. Conventions 68 and 92 (or 126, in case of fishing vessels).

Las instalaciones están aprobadas para un máximo de 146 tripulantes.  
The arrangements are approved for a maximum of 146 crew members.

### OBSERVACIONES - REMARKS:

NONE

Este Certificado será válido hasta el 27 FEBRUARY 2001  
This Certificate will remain valid until

Expedido en PANAMA, REPUBLIC OF PANAMA el 14 MARCH 2001  
Issued at

El abajo firmante declara que está autorizado por la D.G.G.M. para expedir este certificado.  
The undersigned declares that he is authorized by the D.G.S. to issue this certificate.

Reconocimiento hecho por: WILLIAM HAYNIE En nombre de la Dirección General de la Gente del Mar.  
Surveys carried out by: On behalf of the Directorate General of Seafarers:



**ABS**

Nombre ING. GABRIEL FERNANDEZ  
Name

Firma  
Signature

*[Handwritten Signature]*



<sup>1</sup> Refer to the year of construction shown in the "Patente" (Certificate of Registry).

# INTERIM CERTIFICATE OF INSPECTION OF CREW ACCOMMODATIONS

REPUBLICA DE PANAMA  
REPUBLIC OF PANAMA

AUTORIDAD MARITIMA DE PANAMA  
PANAMA MARITIME AUTHORITY

DIRECCION GENERAL DE LA GENTE DE MAR  
DIRECTORATE GENERAL OF SEAFARERS

ABS ID No.: 0139290  
Certificate No.: MC330064-x1

## CERTIFICADO DE INSPECCION DE LOS ALOJAMIENTOS DE TRIPULACION CERTIFICATE OF INSPECTION OF CREW ACCOMMODATION

Expedido de acuerdo a la Resolución: No. 614-257-ALCN de 1984  
Issued in accordance with Resolution: No. 614-257-ALCN of 1984

Nombre del Buque Name of Vessel	Type	Serial Distinctive Call Sign	Número de OMI IMO Number	País de Matrícula Registry	Arqueo Bruto Gross Tonnage	Año de Construcción Year of Construction <sup>1</sup>
Deepwater Horizon	Modu	H3SM	876459	Panama	29051	2000

Se certifica que los alojamientos de tripulación y otros espacios asociados del buque arriba citado han sido inspeccionados y encontrados satisfactorios de acuerdo a los reglamentos en vigor en la República de Panamá, incluyendo las partes aplicables de los Convenios de la O.I.T. números 68 y 92 (o 126, en el caso de buques de pesca).

This is to certify that the crew accommodations and other associated spaces of the above vessel have been inspected and found satisfactory according to the regulations in force in the Republic of Panama, including the relevant portions of I.L.O. Conventions 68 and 92 (or 126, in case of fishing vessels).

Las instalaciones están aprobadas para un máximo de tripulantes.  
The arrangements are approved for a maximum of crew members

### OBSERVACIONES - REMARKS:

Increase in manning of 16 persons by modifications to existing staterooms - ABS Houston approval ltr. 23 Sept. 02

Este Certificado será válido hasta el 27 July 03 pending issuance of full term with exp. date of 30 Mar. 05 by ABS Balboa

This Certificate will remain valid until

Expedido en Morgan City, La.  
Issued at

On 27 February 2003



ABS

William Haynie Surveyor  
American Bureau of Shipping  
MORGAN CITY SURVEY

Refer to the year of construction shown in the "Patente" (Certificate of Registry).

ILO PANGERT - INTERIM

Revision 0

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027219

CONFIDENTIAL

TRN-MDL-00171740

# INTERIM CERTIFICATE OF INSPECTION OF CREW ACCOMMODATIONS

Revised 07 October 2002

REPUBLICA DE PANAMA  
REPUBLIC OF PANAMA

AUTORIDAD MARITIMA DE PANAMA  
PANAMA MARITIME AUTHORITY

DIRECCION GENERAL DE LA GENTE DE MAR  
DIRECTORATE GENERAL OF SEAFARERS

ABS ID No.: 0139290  
Certificate No.: NO288099-X

## CERTIFICADO DE INSPECCION DE LOS ALOJAMIENTOS DE TRIPULACION CERTIFICATE OF INSPECTION OF CREW ACCOMMODATION

Expedido de acuerdo a la Resolución: No. 614-257-ALCN de 1984  
Issued in accordance with Resolution: No. 614-257-ALCN of 1984

Nombre del Buque Name of Vessel	Tipo Type	Número de Matrícula Call Sign	Arqueo Bruto Gross Tonnage	Año de Construcción Year of Construction <sup>1</sup>
"Deepwater Horizon"	MODU	H915M 8764697	29,051	2000

Se certifica que los alojamientos de tripulación y otros espacios asociados del buque arriba citado han sido inspeccionados y encontrados satisfactorios de acuerdo a los reglamentos en vigor en la República de Panamá, incluyendo las partes aplicables de los Convenios de la O.I.T. números 68 y 92 (o 126, en el caso de buques de pesca).

This is to certify that the crew accommodations and other associated spaces of the above vessel have been inspected and found satisfactory according to the regulations in force in the Republic of Panama, including the relevant portions of I.L.O. Conventions 68 and 92 (or 126, in case of fishing vessels).

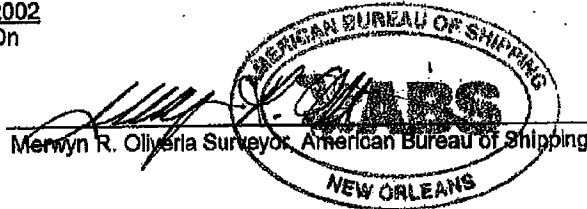
Las instalaciones están aprobadas para un máximo de 145 miembros de la tripulación.  
The arrangements are approved for a maximum of 145 crew members.

### OBSERVACIONES - REMARKS:

The quarters arrangements were modified from 130 to 145 crew members and remain to be reviewed by ABS Offshore Engineering Department prior to issuance of a full Interim Certificate of Inspection, made valid until 30 March 2005.

Este Certificado será válido hasta el 27 February 2003 pending technical review and approval of modifications.  
This Certificate will remain valid until

Expedido en New Orleans, Louisiana El 27 September 2002  
Issued at On



<sup>1</sup> Refer to the year of construction shown in the "Patente" (Certificate of Registry).

## INTERIM CERTIFICATE OF INSPECTION OF CREW ACCOMMODATIONS

REPUBLICA DE PANAMA  
REPUBLIC OF PANAMAAUTORIDAD MARITIMA DE PANAMA  
PANAMA MARITIME AUTHORITYDIRECCION GENERAL DE LA GENTE DE MAR  
DIRECTORATE GENERAL OF SEAFARERSABS ID No.: 0139290  
Certificate No.: NO257980-XCERTIFICADO DE INSPECCION DE LOS ALOJAMIENTOS DE TRIPULACION  
CERTIFICATE OF INSPECTION OF CREW ACCOMMODATIONExpedido de acuerdo a la Resolución: No. 614-257-ALCN de 1984  
Issued in accordance with Resolution: No. 614-257-ALCN of 1984

Nombre del Buque Name of Vessel	Tipo Type	Señal Distintiva Call Sign	Numero de OMI IMO Number	Puerto de Matrícula Port of Registry	Arqueo Bruto Gross Tonnage	Año de Construcción Year of Construction <sup>1</sup>
"Deepwater Horizon"	MODU	H 3 S M	8764597	Panama	29,051	2000

Se certifica que los alojamientos de tripulación y otros espacios asociados del buque arriba citado han sido inspeccionados y encontrados satisfactorios, de acuerdo a los reglamentos en vigor en la República de Panamá, incluyendo las partes aplicables de los Convenios de la O.I.T. números 68 y 92 (o 126, en el caso de buques de pesca).

This is to certify that the crew accommodations and other associated spaces of the above vessel have been inspected and found satisfactory according to the regulations in force in the Republic of Panama, including the relevant portions of I.L.O. Conventions 68 and 92 (or 126, in case of fishing vessels).

Las instalaciones están aprobadas para un máximo de 140 tripulantes.  
The arrangements are approved for a maximum of

crew members

## OBSERVACIONES - REMARKS:

The quarters arrangements were modified from 130 to 140 crew members and remain to be reviewed by ABS Offshore Engineering Department prior to issuance of a full term ILO certificate by ABS Balboa, made valid until 30 March 2005.

Este Certificado será válido hasta el 27 September 2002 pending technical review and approval of modifications.  
This Certificate will remain valid until

Expedido en New Orleans, Louisiana El 27 June 2002  
Issued at

On



ABS

Merwyn R. Oliveria Surveyor, American Bureau of Shipping  
NEW ORLEANS

<sup>1</sup> Refer to the year of construction shown in the "Patente" (Certificate of Registry).

ILO PANCERT - INTERIM

Revision 0

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027221

CONFIDENTIAL

TRN-MDL-00171742

# CERTIFICATE OF INSPECTION OF CREW ACCOMMODATIONS

**REPUBLICA DE PANAMA**  
**REPUBLIC OF PANAMA**

AUTORIDAD MARITIMA DE PANAMA  
PANAMA MARITIME AUTHORITY

ABS ID No.: 139290  
Certificate No.: BL 13129-X

DIRECCION GENERAL DE LA GENTE DE MAR  
DIRECTORATE GENERAL OF SEAFARERS

## CERTIFICADO DE INSPECCION DE LOS ALOJAMIENTOS DE TRIPULACION CERTIFICATE OF INSPECTION OF CREW ACCOMMODATION

Expedido de acuerdo a la Resolución: No. 614-257-ALCN de 1984  
Issued in accordance with Resolution: No. 614-257-ALCN of 1984

Nombre del Buque Name of Vessel	Tipo Type	Señal Distintiva Call Sign	Número de OMI IMO Number	Puerto de Matrícula Port of Registry	Arqueo Bruto Gross Tonnage	Año de Construcción Year of Construction <sup>1</sup>
"DEEPWATER HORIZON"	MODU	ABG 577	870485	Panamá	20,051	2000

Se certifica que los alojamientos de tripulación y otros espacios asociados del buque arriba citado han sido inspeccionados y encontrados satisfactorios, de acuerdo a los reglamentos en vigor en la República de Panamá, incluyendo las partes aplicables de los Convenios de la O.I.T. números 68 y 92 (o 126, en el caso de buques de pesca).

This is to certify that the crew accommodations and other associated spaces of the above vessel have been inspected and found satisfactory according to the regulations in force in the Republic of Panama including the relevant portions of I.L.O. Conventions 68 and 92 (or 126, in case of fishing vessels).

Las instalaciones están aprobadas para un máximo de 130 tripulantes.  
The arrangements are approved for a maximum of 130 crew members.

### OBSERVACIONES - REMARKS:

Este Certificado será válido hasta el 30 MARZO 2005  
This Certificate will remain valid until

Expedido en BALBOA, PANAMA  
Issued at

El abajo firmante declara que está autorizado por la D.G.G.M. para expedir este certificado.  
The undersigned declares that he is authorized by the D.G.S. to issue this certificate.

Reconocimiento hecho por: M.MICHAUD En nombre de la Dirección General de la Gente del Mar.  
Surveys carried out by: On behalf of the Directorate General of Seafarers:



**ABS**

Nombre CAPT. LUIS PEREZ SALAMERO  
Name  
Firma [Signature]  
Signature



Refer to the year of construction shown in the "Patente" (Certificate of Registry).

ILO PANCERT - FULL TERM

Revision 0

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027222

CONFIDENTIAL

TRN-MDL-00171743

## RECORD OF APPROVED ACCOMMODATION DETAILS

This record shall be permanently attached to the  
Certificate of Inspection of the Crew Accommodation

Name of Ship: C.S.D.U. "DEEPWATER HORIZON"		Port of Registry: PANAMA, REP. PANAMA		Gross Tonnage: 32588	Year Keel Laid: <sup>(1)</sup> 21 MARCH 2000
Call Letters: H3SM		Type of Vessel: COLUMN STABILIZED DRILLING UNIT		Voyage Service Limit: N/A	
Previous Names and Nationality: N/A			Names of any Known Sister Ships: N/A		
Builder: HYUNDAI HEAVY INDUSTRIES CO., LTD.			Hull Number: Q339	Patent Number and Date: IMO 8704597, 16 FEB. 2001	
Length of Vessel (M): 114 m	LL: 114 m	B.P.: 114 m	Registered: 114 m	L.O.A.: 120 m	

The total number of persons provided for is ONE HUNDRED & THIRTY (130) and no more  
(in words and figures)

The crew accommodations cater for:

Officers	<u>4</u>	persons
Petty Officers	<u>0</u>	persons
Ratings	<u>6</u>	persons
Catering	<u>16</u>	persons
Others	<u>102</u>	persons

This Record has been compiled on the basis of:

(a) A survey of the ship at OFFSHORE, ULSAN, KOREA on the 23 FEBRUARY 2001  
(place) (date)

(b) Following drawings HRBS-156-000-P0001 1/3 REV. 2 ACCOMMODATION JOINER PLAN FOR 3<sup>RD</sup> DK

HRBS-156-000-P0001 2/3 REV. 2 ACCOMMODATION JOINER PLAN FOR 2ND DK

HRBS-156-000-P0001 3/3 REV. 2 ACCOMMODATION JOINER PLAN FOR MAIN DECK

ABOVE APPROVED AS PER ABS HOUSTON LETTER 107755 DATED 6 FEB. 01.

(1) Date on which keel was laid or ship was at a similar stage of construction or, where applicable, date of last major conversion of crew accommodation. For 1971, indicate full date.



VESSEL "DEEPWATER HORIZON" ABSID P39290RC

Associated REPORT NO. UL-10865-G DATE 23 FEBRUARY 2001

Rule YES NO N/A

## GALLEYS (I.L.O. Convention No. 68 and supplementary provisions by Panama)

Item No.				
1.1	Is the galley adequate for preparing hot meals by all conditions of sea and weather?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3	Specify the number and approximate size of the following appliances:			
	Top-plate 1 x 0.75 x 0.75 m, 1 x 0.6 x 0.6 m, Oven 2 x 0.75 x 1 x 0.5 m, 2 x 1 x 0.75 x 1 m			
	Bolting Kettle 2 x 0.25 m Ø, 12 x 25 L, Deep Fryer 2 x 17 KG			
1.4	If naked flames are used in any of the above, are they adequately shielded?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	If LPG bottles are used onboard, are they stowed in the open deck?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.5	Is it possible to clean around and under furniture and appliances that are not flush with walls and floors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6	Are furniture and accessories made of a corrosion resistant material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7	Are floors made of impervious materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.8	Are floor gutters and scuppers provided and fitted with water and grease traps and drains led overboard or to a holding tank onboard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.9	Is an area available for washing up, with a sink supplied with hot and cold drinking water?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.10	Are sea water traps, if any, installed away from galleys and other food preparation areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.11	Is the galley adequately ventilated and, if the vessel is over 1000 grt, fitted with an electric exhaust fan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.12	Are ventilation exhaust ducts, if any, fitted with grease traps easily removable for cleaning?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.13	Is adequate artificial lighting provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Is natural lighting adequate for work during daylight hours on a clear day?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## DRY PROVISION STORES (I.L.O. Convention No. 68 and supplementary provisions by Panama)

Item No.				
2.1	Are spaces of adequate capacity, other than refrigerated spaces, available exclusively for the storage of provisions for all persons onboard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Approximate volume of such spaces? 97.1 m <sup>3</sup> (ft <sup>3</sup> )			
2.2	Are the stores built of materials easy to clean and resistant to vermin?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Are the spaces separated or insulated from other spaces that have heat sources, such as machinery or boiler spaces, galley, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3	Are the spaces adequately ventilated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Are the spaces fitted with shelves, bins and drawers made of materials easy to clean?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4	Are the stores adequately lighted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Is access to the stores made from a corridor, galley or pantry? (specify) GALLEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## REEFER PROVISION STORES (I.L.O. Convention No. 68 and supplementary provisions by Panama)

Item No.				
3.1	Are refrigerated provision rooms of adequate size provided for the storage of provisions for all persons onboard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

VESSEL "DEEPWATER HORIZON" ABSID P39290RC

Associated REPORT NO. UL-10865-G DATE 23 FEBRUARY 2001

Rule YES NO N/A

Item No.					
	Approximate volume of such spaces	CHILLER = 42.2 m <sup>3</sup> / FREEZER = 42.2 m <sup>3</sup>			
	Normal or test temperature	+ 8 °C / -15 °C			
	Material of insulation	POLYURETHANE ENCLOSED / SEALED			
	Material of interior lining	STAINLESS STEEL			
	Refrigerant: CO; NH; R12; R22 Other (specify)	R404A			
	Number and power of compressors	2 x 25 HP			
3.2	Are the insulation, refrigeration arrangements, and the machinery capable of maintaining the provisions at an adequate temperature at all times?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3	Is the refrigeration machinery installed in a well ventilated room separated from sleeping rooms by gas tight doors and bulkheads?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4	Are the refrigerated spaces constructed of material easy to clean and resistant to vermin?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Are the refrigerated spaces adequately lighted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5	If a person enters the refrigerated spaces:				
	(a) Can doors be operated from inside the spaces?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	(b) Is a push-button installed inside the spaces to activate an alarm easily noticed by the crew?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

FRESH WATER SUPPLY (I.L.O. Convention No. 68 and supplementary provisions by Panama)

Item No.				
4.1	Are drinking water taps available at galleys and near the crew messrooms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3	Approximate capacities of:			
	Drinking water tanks?	1207.7	m <sup>3</sup>	(gallons)
	Sanitary F.W. tanks, other than above	N/A	m <sup>3</sup>	(gallons)
4.4	Evaporating plant, if fitted:			
	Make & Model	N/A	Capacity tons/day	N/A
4.5	If vessel is over 1000 grt or above:			
	(a) Are power pumps provided for sanitary and drinking water?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	(b) Are power or manual spare pumps provided for sanitary and drinking water?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.6	If vessel is 1000 grt or above, are means provided to cool the supply to at least one drinking water tap?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CONSTRUCTION DETAILS, HEATING & VENTILATION (I.L.O. Convention No. 92)

Item No.				
6.1	Is the location, means of access, structure and arrangement in relation to other spaces such as to ensure adequate security, protection against weather and sea, and insulation from cold or heat, undue noise or effluvia from other spaces?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.2	Are the bulkheads separating sleeping rooms from cargo spaces, machinery spaces, galleys, lamp and paint rooms or from engine, deck or other bulk staterooms, drying rooms, communal wash places or water closets as well as external bulkheads of sleeping rooms made of steel or equivalent material and are they watertight or gastight?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.3	(a) Are external bulkheads of sleeping rooms and mess rooms adequately insulated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027225

CONFIDENTIAL

TRN-MDL-00171746

VESSEL "DEEPWATER HORIZON" ABSID P39290RC  
Associated REPORT NO. UL-10865-G DATE 23 FEBRUARY 2001

	Rule	YES	NO	N/A
Item No.				
(b) Are machinery casing and all boundary bulkheads of galleys and other spaces in which heat is produced adequately insulated where there is a possibility of resulting heat effects in adjoining accommodations or passageways?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(c) Has adequate protection been provided from heat effects of steam and/or hot water service pipes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Are internal bulkheads constructed of materials which are not likely to harbor vermin?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.5 Are sleeping rooms, messrooms and alleyways in the crew accommodation adequately insulated to prevent condensation or overheating?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.6 If main steam or exhaust pipes pass through the accommodation or alleyways leading to the accommodation (an arrangement to be avoided whenever practical), are these pipes adequately insulated and encased?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.7 (a) Is inside paneling and sheathing made from a material with a surface easily kept clean?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(b) Has the use of tongue and grooved boarding or any other form of construction likely to harbor vermin been avoided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.10 Are wall surfaces in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.11 Are deck surfaces made of a material that is impervious to damp and easily kept clean?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.12 Are composition floors, if fitted, laid with rounded joinings with the side rounded to avoid crevices?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6.13 Is sufficient drainage provided throughout the crew accommodation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.2 Can ventilation systems be controlled so as to maintain the air in a satisfactory condition and to ensure a sufficiency of air movement in all conditions of weather and climate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	TYPE	ALL SPACES	MESSROOM(S)	ALL CABINS	SOME CABINS
VENTILATION <sup>(2)</sup>	1. Natural draft <sup>(1)</sup>	_____	_____	_____	_____
	2. Mechanically forced draft	_____	_____	_____	_____
	3. Forced circulation with A/C	<u>X</u> _____	_____	_____	_____
	4. Local electric fans	_____	_____	_____	_____
	5. Local air conditioning	_____	_____	_____	_____
HEATING <sup>(3)</sup>	1. None	_____	_____	_____	_____
	2. Steam radiators	_____	_____	_____	_____
	3. Hot water radiators	_____	_____	_____	_____
	4. Fixed electric radiators	_____	_____	_____	_____
	5. Warm air circulation	<u>X</u> _____	_____	_____	_____
	6. Other <sup>(4)</sup>	_____	_____	_____	_____

- NOTES: (1) Only permitted with special dispensation from the Administration.  
(2) Ships regularly trading to the tropics or to the Persian Gulf must have either air conditioning in all sleeping rooms, mess rooms, and accommodation recreation spaces or a combination of mechanically forced ventilation plus local electric fans in each of these spaces.  
(3) Ships trading exclusively in the tropics or in the Persian Gulf do not need to have a heating system.  
(4) Portable electric radiators and portable electric stoves are not allowed. Fixed stoves are only allowed in ships not required to have a heating system and with special authorization from the Administration.

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027226

CONFIDENTIAL

TRN-MDL-00171747

ABSID P39290RC

Associated REPORT NO. UL-10865-G

DATE 23 FEBRUARY 2001

Rule	YES	NO	N/A
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CREW SLEEPING ROOMS (I.L.O. Convention No. 92)

The following information is to be compiled from drawings or by direct survey, as appropriate. Use additional pages as required.

[illegible]

NOTES: (1) Enter: O - for officers  
D - for deck ratings

P - for petty officers  
E - for engine ratings

M - for miscellaneous = MODU  
C - for catering staff

(2) Indicate units. In odd-shaped cabins, indicate mean of approximate values.

(3) Indicate units. Area includes berths, lockers and furniture, but excludes zones of difficult access.

(4) Enter: P - for private                      S - for semi-private(max. 4 users)                      N - for none

Following general requirements apply to all cabins:

Item No.

7.1 Is adequate forced ventilation (mechanical and/or electric or AC) provided?

☒ ☐ ☐

8.1 Is adequate heating (by steam, hot water, warm air or electric) provided?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------	--------------------------

8.6 Are electric radiators, if fitted, fixed and shielded to prevent risk of fire or injury?

☐ ☐ ☒

\* ALL CABINS ARE ON 2<sup>ND</sup> & 3<sup>RD</sup> DECKS BETWEEN FR. 19 & 30 FROM PORT SIDE SHELL TO STBD SIDE SHELL OF UPPER HULL.

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027227

CONFIDENTIAL

TRN-MDL-00171748

VESSEL

"DEEPWATER HORIZON"

ABSID P39290RC

Associated REPORT NO. UL-10865-G

DATE 23 FEBRUARY 2001

	Rule	YES	NO	N/A
9.2 Is natural, or electric, lighting enough to read a newspaper around the cabin on a clear day?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.3 Are electric ceiling lights fitted in each cabin?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.5 Is there an electric reading lamp at the head of each berth?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Item No.				
10.1 Are cabin floors above the loaded waterline?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.2 Unless otherwise authorized, are cabins located amidships or aft?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10.7 Is the clear headroom of the cabins not less than 190 cm (6 ft 3 in)?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.11 Is the maximum number of persons to be accommodated in each cabin permanently marked?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.12 Is there a berth per occupant in each cabin?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.13 Can berths be accessed without going over another party's berth?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.14(a) Are berths arranged in single or double (but not triple) tiers?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Are berths in way of sidelights arranged in single tiers?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10.15(a) Are lower and single berths located at least 30 cm (12 in) above the floor?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Are upper berths located about mid-height from the lower berth to the ceiling?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.16 Are berths at least 190 cm by 68 cm (6 ft 3 in by 2 ft 3 in)?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.17 Are berths made of hard smooth material unlikely to corrode or harbor vermin?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.18 If used in berths, are tubular frames sealed to prevent the access of vermin?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.19(a) Are acceptable spring bottoms, or equivalent, and mattresses provided for each berth?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Are stuffing materials for mattresses and furniture of a type unlikely to harbor vermin?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.20 Are upper berths fitted with a dust proof bottom under the spring bottom?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.21(a) Are cabins reasonably comfortable?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Are cabins easy to clean?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.22(a) Are cabins fitted with a clothes locker, with shelf and padlock hasp, per occupant?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Are lockers at least 152 cm (5 in) high and 0.193 m <sup>3</sup> (300 in <sup>3</sup> ) in section?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.23 Are cabins fitted with a table or desk and sitting accommodations for occupants?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.24 Is furniture made of smooth, hard material unlikely to warp or corrode?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.25 Are drawers of capacity no less than 0.056 m <sup>3</sup> (2 ft <sup>3</sup> ) per occupant fitted in cabins?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.26 Are there curtains or shades for the sidelights?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.27(a) Are there book racks and sufficient coat hooks in each cabin?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Is there a mirror in each cabin or its associate private (or semi-private) bathroom?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(c) Is there a cabinet for toilet utensils in each cabin or its associate bathroom?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027228

CONFIDENTIAL

TRN-MDL-00171749

DATE 23 FEBRUARY 2001

**CREW MESSROOMS:** Following information is to be compiled from drawings or by direct survey, as appropriate.

NOTES: (1) Enter: M - for messroom R - for recreation room MR - for both  
(2) Enter: O - for officers P - for petty officers M - for miscellaneous \*\*  
D - for deck ratings E - for engine ratings C - for catering staff  
(3) Indicate units. In odd-shaped rooms, indicate mean or approximate values.

Item No.

\* 2<sup>ND</sup> DECK BETWEEN FR. 24 & 30 BETWEEN CENTERLINE & 9.1 m STBD OF UPPER HULL.  
 \*\* UNIT IS MODU : THERE IS ONLY ONE(1) MESSROOM FOR PERSONS ON BOARD.

VESSEL

"DEEPWATER HORIZON"

ABSID P39290RC

Associated REPORT NO. UL-10865-G

DATE 23 FEBRUARY 2001

Rule YES NO N/A

12.2 If crew messrooms are used as recreation areas, are they sized, furnished and equipped to give appropriate recreational facilities?

☐ ☐ ☒

**CREW BATHROOMS:** The following requirements apply to all crew bathrooms, public and private:

Item No.

13.6 (a) Is cold fresh water available in wash basins and showers/tubs?

☒ ☐ ☐

(b) Is hot water or means of heating water available?

☒ ☐ ☐

13.7 (a) Are WCs, wash basins and showers/tubs of adequate size?

☒ ☐ ☐

(b) Are WCs, wash basins and showers/tubs made of an appropriate material?

☒ ☐ ☐

13.8 Are WCs provided with ventilation to the open air, separate from other spaces?

☒ ☐ ☐

13.9 Are WCs provided with ample flush water at all times, independently controlled?

☒ ☐ ☐

13.10(a) Are soil pipes and waste pipes of adequate material and dimensions?

☒ ☐ ☐

(b) Are soil and waste pipes arranged to minimize obstructions and to facilitate cleaning?

☒ ☐ ☐

13.11(a.1) Are floors of adequate, durable material, impervious to damp?

☒ ☐ ☐

(a.2) Are floors easy to clean?

☒ ☐ ☐

(c.1) Are bathrooms adequately lighted and fitted with electric ceiling lights?

☒ ☐ ☐

(c.2) Are bathrooms adequately heated by local means or by drawing warm air from adjacent spaces?

☒ ☐ ☐

(c.3) Are bathrooms adequately ventilated?

☒ ☐ ☐

NOTE:(1) Preferably by extraction, natural or mechanical, in order to maintain air pressure below that of surrounding spaces.

**PUBLIC CREW BATHROOMS:** Following information is to be compiled from drawings or by direct survey, as appropriate.

ROOM ID No.	LOCATION Deck, Side & Frames	USERS		DIMENSIONS(m) <sup>(2)</sup>		NUMBER OF FIXTURES		
		Cal <sup>(1)</sup>	No.	Length	Width	WC	SHOWER	BASIN
203	8 TO 14 m FWD MID SHIP							
(2 <sup>ND</sup> DK)	23.25 TO 30.5 m PORT	M	34	7.25	5	1	2	2
242	8.1 TO 9 m FWD MID SHIP							
(2 <sup>ND</sup> DK)	15.5 TO 20.825 m PORT	M	10	5.325	2.9	1	1	2
301	9 TO 14.2 m FWD MID SHIP							
(3 <sup>RD</sup> DK)	21.75 TO 30.5 m PORT	M	43	8.75	5.2	2	0	2
325	9 TO 14.2 m FWD MID SHIP							
	8.28 TO 15.5 m STBD	M	43	9.22	5.2	1	2	2

NOTES: (1) Enter: O - for officers P - for petty officers M - for miscellaneous = MODU  
D - for deck ratings E - for engine ratings C - for catering staff  
(2) Indicate units. In odd-shaped rooms, indicate mean or approximate values.

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027230

CONFIDENTIAL

TRN-MDL-00171751

VESSEL "DEEPWATER HORIZON" ABSID P39290RC  
Associated REPORT NO. UL-10865-G DATE 23 FEBRUARY 2001

Rule YES NO N/A

ADDITIONAL MATTERS REGARDING PUBLIC CREW BATHROOMS

Item No.			
13.11 (a)	Are floors properly drained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b)	Are bulkheads made of steel and watertight up to at least 23 cm (9 in) above the deck?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(d.1)	Are WCs separated from sleeping rooms, without direct access from them?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(d.2)	Are WCs reasonably separated from washing areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MISCELLANEOUS SPACES

Item No.			
13.13	Are there facilities for washing clothes on board? These facilities may be a room with washing machines or, alternatively, suitable sinks with cold fresh water and hot fresh water or means of heating water. The sinks may be situated in public wash rooms.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13.14	Are there facilities for drying clothes on board? These facilities may consist of drying machines or, alternatively, a room separated from the sleeping rooms and mess rooms, adequately ventilated and heated and equipped with lines or other fittings for hanging clothes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14.1	Is a separate hospital accommodation provided? A hospital is not required in vessels engaged in coastal voyages or if the crew is less than fifteen persons, or if all members of the crew have individual cabins with its own private bathroom.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14.2	If there is a hospital, is it suitably situated, so that it is easy of access and so that the occupants may be comfortably housed, and may receive proper attention in all weathers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14.3	If there is a hospital, is the arrangement of accesses, berths, lighting, ventilation, heating and water supply designed so as to ensure the comfort and facilitate the treatment of the occupants?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14.4	Is the capacity of the hospital adequate for the number of crew members? A guidance figure is one berth per 50 crew members or fraction.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14.5	If there is a hospital, is there a water closet provided for the exclusive use of the hospital occupants, either as part of the hospital or in its close proximity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14.6	Is a medicine chest provided and, if the vessel has no doctor, are readily understandable instructions available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.1	Is sufficient and adequately ventilated space provided for the hanging of oilskins? This space should be outside but convenient to sleeping rooms.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.2	If the vessel is of 3000 grt or more, is one room provided and equipped for use as an office for the deck department, and one for the engine department?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.3	If the vessel regularly trades to mosquito infested areas, are provisions made to protect the crew accommodation against the admission of mosquitoes by fitting of suitable screens to side scullies, ventilators and doors to the open deck?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15.4	If the ship regularly trades to or in the tropics and the Persian Gulf and does not have air conditioning, are awnings provided for use over the exposed decks above the crew accommodation and over open deck recreation areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027231

CONFIDENTIAL

TRN-MDL-00171752



VESSEL "DEEPWATER HORIZON" ABSID P39290RC  
Associated REPORT NO. UL-10865-G DATE 23 FEBRUARY 2001

REMARKS AND/OR PARTICULARS OF ANY SPECIAL FEATURES OF VESSEL OR ADDITIONAL INFORMATION PERTAINING TO CREW ACCOMMODATION, including geographical areas of trading, if limited.

N/A

The information contained in this Record is a correct description of the crew accommodation:

ISSUED AT ULSAN, KOREA ON 23 FEBRUARY 2001

AMERICAN BUREAU OF SHIPPING  
M. MICHAUD / J. ANGELO / A. J. ROSENSTEIN, SURVEYORS,  
AMERICAN BUREAU OF SHIPPING

CREW ACCOMMODATION ALTERATIONS AND/OR ADDITIONS EFFECTED SINCE THE RECORD WAS PREPARED

ITEM No.	DESCRIPTION	SURVEYOR	PORT	DATE

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027232

CONFIDENTIAL

TRN-MDL-00171753

**CREW ACCOMMODATION ALTERATIONS AND/OR ADDITIONS EFFECTED SINCE THE RECORD WAS PREPARED**

ITEM No.	DESCRIPTION	PORT	DATE
Page 1	"Total number of persons provided for is one hundred forty (140) and no more" (140) 27 June 2002	New Orleans, LA	27 June 2002
Page 5	"Crew Sleepingrooms" - Number of "users" for Cabin I.D. Nos: 232, 233; 234; 237; 238; and 239 have been increased from two-man to four-man berths. Cabin I.D. no. 242 was modified from a two-man berth to an office.	New Orleans, LA	27 June 2002
Page 1	"The Crew Accommodations Cater for Others [additional Sixteen (16)] persons"	New Orleans, LA	27 June 2002

ILO-PAN

Panama, SWZ-002-05-P11-W009

Check Sheet A - Revision 0

Page 11 of 10

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027233

CONFIDENTIAL

TRN-MDL-00171754

Lifting Gear

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027234

CONFIDENTIAL

TRN-MDL-00171755

Certificate No. 0139290-783385-001

**CERTIFICATE OF ANNUAL THOROUGH EXAMINATION OF GEAR THAT DOES NOT REQUIRE TO  
BE PERIODICALLY HEAT-TREATED, AND FOR ANNUAL INSPECTION OF CARGO GEAR OR CRANES.**

This certificate when properly executed by a competent person is accepted by the Government of the United States of America as being in accordance with the requirements of 46 CFR Part 91, Subchapter I-A and 29 CFR 1918.11.

Name of unit or vessel on which lifting appliance is fitted

**DEEPWATER HORIZON**

Class Number

**0139290**

(1) Distinguishing number, marks or location	(2) Description of gear*	(3) Number & Date of Certificate of Test and Examination	(4) Condition found and Repairs effected
One (1) Liebherr Marine Crane located Port Side, serial No 170159.	Diesel Hydraulic pedestal mounted marine crane with 48m boom.	MC 669370. 15th Jan 2006.	Satisfactory
One (1) Liebherr Marine Crane located Stbd Side, serial No 170160.	Diesel Hydraulic pedestal mounted marine crane with 48m boom.	MC 669370. 15th Jan 2006.	Satisfactory
One (1) Palfinger PKM 700T Pipe Handling Crane located Main Deck Forward. Serial No 989187.	Electro hydraulic knuckle boom crane.	MC 669370. 15th Jan 2006.	Satisfactory
One (1) Hydraulift Riser Gantry Crane Locate Main Deck Aft. Ser No T 2087.	Electro hydraulic traversing riser handling crane.	MC 669370. 15th Jan 2006.	Satisfactory
Cargo Gear Register UL 10865 - CHG issued at Ulsan and dated 23 Feb 2001 was endorsed for Annual Survey.			

(Delete as appropriate)

- Cargo gear was examined in accordance with the current "ABS Requirements for Certification of Construction and Survey of Cargo Gear on Merchant Vessels".
- Crane(s) was/were examined in accordance with the current "ABS Guide for Certification of Cranes".
- Crane(s) was/were examined in accordance with the current "ABS Guide for Certification of Cranes" and in accordance with the American Petroleum Institute (API) "Recommended Practice for operation and Maintenance of Offshore Cranes" API RP 2D First Edition (October 1972)

\* In regard to gear not required to be periodically heat treated, the dimensions of the gear, the type of material of which it is made, and the heat treatment received in manufacture should be stated.

5. Name and address of association witnessing the test and making the examination:

**American Bureau of Shipping  
Houston, Texas, U.S.A.**

Port of Survey

**Morgan City**

6. Position of signatory in association: **Surveyor to American Bureau of Shipping.**

I certify that on 1st Jan 2007 the above lifting appliance(s), was/were thoroughly examined by a competent person and that no defects affecting its/their safe working condition were found other than those indicated and corrected as noted in Column 4.

(Date)

01 January 2007



**Gez, Martin, Morgan City Port**

Surveyor

**COPY**

NOTE: For a list of gear not required to be treated and definition of thorough examination, see reverse side.  
For the purpose of this certificate a competent person is defined as a Surveyor of a Classification Society or other recognized certifying agency.  
In substantial agreement with I.L.O. Part II

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O2K Rev 2

Page 1 of 2

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027235

CONFIDENTIAL

TRN-MDL-00171756

### INSTRUCTIONS

Gear not required to be heat treated, but required to be thoroughly examined by a competent person once at least in every twelve months:

Plate-link chains.  
Pitched chains.  
Rings, hooks, shackles, and swivels permanently attached to pitched chains, pulley blocks or weighing machines.  
Hooks and swivels having ball bearings or other case-hardened parts.  
Bordeaux connections.  
Gear constructed of steel.

NOTE: "Thorough examination" refers to visual examination, supplemented (if necessary) by other means, such as a hammer test, carried out carefully as conditions permit in order to arrive at a reliable conclusion as to the safety of the parts examined; if necessary for the purposes, parts of the machines or gear must be dismantled.

For additional requirements of the American Bureau of Shipping see "Requirements for Certification of Construction and Survey of Cargo Gear on Merchant Vessels" and "Guide for Certification of Cranes".

**COPY**

NOTE: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate 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 Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any Report issued in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repair, operator or other entity of any warranty express or implied.

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O2K Rev 2

Page 2 of 2

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027236

CONFIDENTIAL

TRN-MDL-00171757

Certificate No. 0139290-783385-001

**CERTIFICATE OF ANNUAL THOROUGH EXAMINATION OF GEAR THAT DOES NOT REQUIRE TO  
BE PERIODICALLY HEAT-TREATED, AND FOR ANNUAL INSPECTION OF CARGO GEAR OR CRANES.**

This certificate when properly executed by a competent person is accepted by the Government of the United States of America as being in accordance with the requirements of 46 CFR Part 91, Subchapter I-A and 29 CFR 1918.11.

Name of unit or vessel on which lifting appliance is fitted

**DEEPWATER HORIZON**

Class Number

**0139290**

(1) Distinguishing number, marks or location	(2) Description of gear*	(3) Number & Date of Certificate of Test and Examination	(4) Condition found and Repairs effected
One (1) Liebherr Marine Crane located Port Side, serial No 170159.	Diesel Hydraulic pedestal mounted marine crane with 48m boom.	MC 669370. 15th Jan 2006.	Satisfactory
One (1) Liebherr Marine Crane located Stbd Side, serial No 170160.	Diesel Hydraulic pedestal mounted marine crane with 48m boom.	MC 669370. 15th Jan 2006.	Satisfactory
One (1) Palfinger PKM 700T Pipe Handling Crane located Main Deck Forward. Serial No 989187.	Electro hydraulic knuckle boom crane.	MC 669370. 15th Jan 2006.	Satisfactory
One (1) Hydralift Riser Gantry Crane Locate Main Deck Aft, Ser No T 2087.	Electro hydraulic traversing riser handling crane.	MC 669370. 15th Jan 2006.	Satisfactory
Cargo Gear Register UL 10865 - CHG issued at Ulsan and dated 23 Feb 2001 was endorsed for Annual Survey.			

(Delete as appropriate)

- Cargo gear was examined in accordance with the current "ABS Requirements for Certification of Construction and Survey of Cargo Gear on Merchant Vessels".
- Crane(s) was/were examined in accordance with the current "ABS Guide for Certification of Cranes".
- Crane(s) was/were examined in accordance with the current "ABS Guide for Certification of Cranes" and in accordance with the American Petroleum Institute (API) "Recommended Practice for operation and Maintenance of Offshore Cranes" API RP 2D First Edition (October 1972)

\* In regard to gear not required to be periodically heat treated, the dimensions of the gear, the type of material of which it is made, and the heat treatment received in manufacture should be stated.

5. Name and address of association witnessing the test and making the examination:

**American Bureau of Shipping  
Houston, Texas, U.S.A..**

Port of Survey

**Morgan City**

6. Position of signatory in association: **Surveyor to American Bureau of Shipping.**

I certify that on 1st Jan 2007 the above lifting appliance(s), was/were thoroughly examined by a competent person and that no defects affecting its/their safe working condition were found other than those indicated and corrected as noted in Column 4.

(Date)

**01 January 2007**



**Gee, Martin, Morgan City Port**

Surveyor

**COPY**

NOTE: For a list of gear not required to be treated and definition of thorough examination, see reverse side.

For the purpose of this certificate a competent person is defined as a Surveyor of a Classification Society or other recognized certifying agency, in substantial agreement with I.L.O. Part II

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O2K Rev 2

Page 1 of 2

Confidential Treatment Requested by Transocean.Holdings LLC

TRN-HCJ-00027237

CONFIDENTIAL

TRN-MDL-00171758

### INSTRUCTIONS

Gear not required to be heat treated, but required to be thoroughly examined by a competent person once at least in every twelve months:

Plate-link chains.  
Pitched chains.  
Rings, hooks, shackles, and swivels permanently attached to pitched chains, pulley blocks or weighing machines.  
Hooks and swivels having ball bearings or other case-hardened parts.  
Bordeaux connections.  
Gear constructed of steel.

NOTE: "Thorough examination" refers to visual examination, supplemented (if necessary) by other means, such as a hammer test, carried out carefully as conditions permit in order to arrive at a reliable conclusion as to the safety of the parts examined; if necessary for the purposes, parts of the machines or gear must be dismantled.

For additional requirements of the American Bureau of Shipping see "Requirements for Certification of Construction and Survey of Cargo Gear on Merchant Vessels" and "Guide for Certification of Cranes".

**COPY**

NOTE: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate 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 Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any Report issued in contemplation of this Certificate shall be deemed to relieve any designer, builder owner, manufacturer, seller, supplier, repair, operator or other entity of any warranty express or implied.

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O2K Rev 2

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027238

CONFIDENTIAL

TRN-MDL-00171759



# AMERICAN BUREAU OF SHIPPING

ABS Plaza - 16865 Northchase Drive  
Houston, TX 77060-6008

Page 1 of 2

Report No.: MC611471

Date: 24 MAY 2005

Port: MORGAN CITY

## DEEPWATER HORIZON ABSID 0139290

### Compliance with Regulation III/20.11 of the 1996 Amendments to 1974/78 SOLAS

**THIS IS TO CERTIFY** that the undersigned Surveyor to this Bureau did, at the request of the Owner's Representatives, attend the vessel "Deepwater Horizon" of Majuro, Republic of the Marshall Islands, ABS ID No. 0139290, on the 23<sup>rd</sup> day of May 2005 and subsequent dates, while the vessel lay afloat at Green Canyon Block 654 in the Gulf of Mexico, to witness and report upon examination and testing of the "Periodic Servicing of Launching Appliances and On-load Release Gear" as required by Regulation III/20.11 of the 1996 Amendments to 1974/78 SOLAS.

Report as follows:

Four 73 person capacity lifeboats were found installed on the vessel at this time. Two located on the bow and two on the stern. All lifeboats tested as follows:

Regulation III/20.11 Periodic servicing of launching appliances and on-load release gear

#### 11.1 Launching appliances:

- .1 Maintenance records were reviewed to confirm on-board maintenance is being carried out at recommended intervals.
- .2 A thorough examination was carried out at this time, by vessel's crew and "Survival Systems International" personnel.
- .3 Dynamic tests of the winch brakes were carried out in accordance with paragraph 6.1.2.5.2 of the LSA Code, by suspending a total weight of 21,400 pounds, which is equivalent to 1.1 times the total mass of the lifeboat when fully loaded with its full complement of persons and equipment. See also 11.2.3 below.

# COPY

Note: This Report evidences compliance with one or more of the Rules, guides, standards or other criteria of 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 structure, item of material, equipment, machinery or any other item covered by this Report has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or survey. 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 action made in 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.

AB 141

Revision 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027239

CONFIDENTIAL

TRN-MDL-00171760





# AMERICAN BUREAU OF SHIPPING

ABS Plaza - 16855 Northchase Drive  
Houston, TX 77060-6008

Page 2 of 2

REPORT No.: MC611471

Date: 24 MAY 2005

Port: MORGAN CITY

## 11.2 Lifeboat on-load release gear:

- .1 Maintenance records were reviewed to confirm on-board maintenance is being carried out at recommended intervals.
- .2 It was confirmed that the lifeboat on-load release gear is being thoroughly examined and operationally tested during surveys required by Regulation I/8 of the 1974/78 SOLAS. A thorough examination was carried out at this time by the vessel's crew and "Survival Systems International" personnel.
- .3 Lifeboat on-load release gear was operationally tested at this time under a load of 1.1 times the total mass of the lifeboat when fully loaded with its full complement of persons and equipment. This load was simulated with a portable hydraulic fixture. The simulated suspended weight of the lifeboat was 21,000 pounds, and the U.S.C.G. certified "Condition B" is 18,905 pounds.

### Load Testing of Life Raft Davits

The vessels two (2) life raft davits (1 forward and 1 aft) were load tested at this time by suspending a known weight of 5050 pounds and holding for 5 minutes.

The suspended weights in the tests above were confirmed by a calibrated flow meter and pressure gauge.

- Survey for compliance with Regulation III/20.11 of the 1996 Amendments to 1974/78 SOLAS is considered complete.

**COPY**



AB 141S

Revision 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027240

CONFIDENTIAL

TRN-MDL-00171761

**COPY****CERTIFICATE OF TEST AND EXAMINATION OF CRANES OR HOISTS AND THEIR ACCESSORY GEAR:  
RETESTING SURVEYS**

This certificate when properly executed by a competent person is accepted by the Government of the United States of America as being in accordance with the requirements of 46 CFR Part 91, Subchapter I-A and 29 CFR 1918.11.

Name of ship on which machinery is fitted **DEEPWATER HORIZON**Class Number **0139290**

(1) Situation and description of the lifting appliance with distinguishing number or mark (if any)	(2) For jib cranes radius at which the proof load was applied	(3) Proof load applied (tons)	(4) Safe working load (for jib cranes at radius shown in Column 2) (tons)
One (1) traversing, travelling and lifting electro-hydraulic riser handling gantry crane. Two (2) 18.5 tonne swl hooks and associated gear. Located on the Main Deck aft. Hydralift Serial No T 2087.	Not applicable.	2 x 23.12 Tonnes	2 x 18.5 tonnes.
One (1) electro hydraulic lifting, luffing and slewing knuckle boom crane for pipehandling located on the Main Deck forward. Four (4) tonnes swl @ 12m. Palfinger Serial No 9891187.	12m	5 tonne	4 tonne
	21m	3.75 tonne	3 tonne.
One (1) diesel hydraulic lifting, luffing and slewing pedestal mounted crane and associated gear, mounted on the Main Deck port side. Liebherr serial No 170159.	6.8m	101.2 tonne	92 tonne
	11.6m	90.2 tonne	82 tonne
	46m	26 tonne	23.7 tonne
One (1) diesel hydraulic lifting, luffing and slewing pedestal mounted crane and associated gear, mounted on the Main Deck stbd side. Liebherr serial No 170160.	6.8m	101.2 tonne	92 tonne
	11.6m	90.2 tonne	82 tonne
	46m	26 tonne	23.7 tonne

(Delete as appropriate)

- All Annual Survey requirements were dealt with in the course of the Retesting Survey.
- ~~The above testing was carried out after repairs to the Cargo Gear listed on the certificate.~~
- ~~Cargo gear was examined in accordance with the current "ABS Requirements for Certification of Construction and Survey of Cargo Gear on Merchant Vessels". A post-test examination was made of Goseck assemblies and loose gear and all considered satisfactory.~~
- ~~Cargo gear was examined in accordance with the current "ABS Requirements for Certification of Construction and Survey of Cargo Gear on Merchant Vessels". A post-test examination was made of loose gear and considered satisfactory.~~
- ~~Crane(s) was/were examined in accordance with the current "ABS Guide for Certification of Cranes".~~
- Crane(s) was/were examined in accordance with the current "ABS Guide for Certification of Cranes" and in accordance with the American Petroleum Institute (API) "Recommended Practice for operation and Maintenance of Offshore Cranes" API RP 2D First Edition (October 1972).
- Non Destructive Testing was carried out of crane hook(s) and found satisfactory.

5. Name and address of association witnessing the test and making the examination:

**American Bureau of Shipping  
Houston, Texas, U.S.A.**

Port of Survey **Morgan City**6. Position of signatory in association: **Surveyor to American Bureau of Shipping.**

I certify that on the 15th day of January 2006.

, the above lifting appliance(s), together with accessory gear, was tested by a competent person in a manner set forth on the reverse side of this certificate; that a careful examination of the said machinery and gear by a competent person after the test showed that it had withstood the proof load without injury or permanent deformation; and that the safe working load of the said machinery and gear is as shown in Column 4.

(Date) **18 January 2006****Geo. Martin, Morgan City Port**

Surveyor



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Page 1 of 2

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027241

CONFIDENTIAL

TRN-MDL-00171762

## INSTRUCTIONS

Every crane and other hoisting machine, with accessory gear, shall be tested with a proof load which shall exceed the safe working load or rated load as follows:

## Shipboard, Heavy Lift, and Offshore Cranes

Safe Working Load	Proof Load
Up to 20 tons	25 percent in excess.
20 - 50 tons	5 tons in excess.
Over 50 tons	10 percent in excess.

The proof load shall be lifted and swung as far as possible in both directions. If the jib of the crane has a variable radius, it should be tested with a proof load, as defined above, at the maximum, minimum and intermediate radii of the jib. For testing subsequent to the original test, in the case of hydraulic cranes where, owing to the limitation of pressure, it is impossible to lift the proof load, it will be sufficient to lift the greatest possible load.

After being tested, each crane or hoist, with the whole of the gear accessory thereto, shall be examined to see whether any part has been damaged or permanently deformed by the tests.

NOTE: The expression "ton" normally means a British Long Ton of 2240 lbs, which is equal to 1.01605 metric ton. If metric tons or pounds are used, this should be noted in Column 3 on page one (1). (1 pound = 0.4536 kg).

For the purpose of this certificate a competent person is defined as a Surveyor of a Classification Society or other recognized certifying agency.

NOTE: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate 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 Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge hereof. Nothing contained in this Certificate or in any Report issued in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

Certificate No. MC330064-CHG

**CERTIFICATE OF ANNUAL THOROUGH EXAMINATION OF GEAR THAT DOES NOT REQUIRE TO BE PERIODICALLY HEAT-TREATED, AND FOR ANNUAL INSPECTION OF CARGO GEAR OR CRANES.**

This Certificate when properly executed by a competent person is accepted by the Government of the United States of America as being in accordance with the requirements of 46 CFR Part 81, Subchapter I-A and 29 CFR 1918.11.

Name of unit or vessel on which lifting appliance is fitted

DEEPWATER HORIZON

Class Number 0139290

(1) Distinguishing number, marks or location	(2) Description of gear*	(3) Number & Date of Certificate of Test and Examination	(4) Condition found and Repairs effected
One (1) Liebherr Marine Crane Located Port Side. Serial no. 170159	Diesel Driven Hydraulically Powered Pedestal Mounted Marine Crane With 48 Meter Reach	UL-10865-CHG. 23 FEBRUARY 2001	SATISFACTORY
One (1) Liebherr Marine Crane Located Stbd. Side. Serial no. 170160	Diesel Driven Hydraulically Powered Pedestal Mounted Marine Crane With 48 Meter Reach	UL-10865-CHG. 23 FEBRUARY 2001	SATISFACTORY
One Palfinger PKM 700 T Pipehandler Located Main Deck Fr. 28 Serial No. 9891187	Electro Hydraulic Pedestal Mounted Pipehandler Revolving Knuckle Boom Crane	UL-10865-CHG.	SATISFACTORY
One (1) Hydralift Gantry Crane Located Aft. Serial No. T2087	Electro Hyd. Transversely Traveling Riser Pipe Gantry Crane	UL-11921-CHG.	SATISFACTORY
Cargo Gear Register Booklet UL-10865-CHG issued in Ulsan, Korea On 28 Feb. 2001 Was Endorsed At This Time			
Crane Hooks Were Examined With The Use Of Liquid Dye Penetrant Examination And Found Satisfactory			

\* Cranes were examined in accordance with the current "ABS Guide for Certification of Cranes" and in accordance with the American Petroleum Institute (API) "Recommended Practice for operation and Maintenance of Offshore Cranes" API RP 2D Fourth Edition 1999.

\* In regard to gear not required to be periodically heat treated, the dimensions of the gear, the type of material of which it is made, and the heat treatment received in manufacture should be stated.

5. Name and address of association making the examination: American Bureau of Shipping.

Port of Survey Morgan City, La.

6. Position of signatory in association: Surveyor to American Bureau of Shipping.

I certify that on the 27<sup>th</sup> day of February 2003, the above lifting appliance(s) was/were thoroughly examined by a competent person and that no defects affecting its/their safe working condition were found other than those indicated and corrected as noted in Column 4.

(Date) 27 February 2003

NOTE: For list of gear not required to be treated and definition of thorough examination, see reverse side.

For the purpose of this certificate a competent person is defined as a Surveyor of a Classification Society or other recognized certifying agency.

In substantial agreement with I.L.O. Part II

## INSTRUCTIONS

Gear not required to be heat treated, but required to be thoroughly examined by a competent person once at least in every twelve months:

Plate-link chains.  
Pitched chains.  
Rings, hooks, shackles, and swivels permanently attached to pitched chains, pulley blocks or weighing machines.  
Hooks and swivels having ball bearings or other case-hardened parts.  
Bordeaux connections.  
Gear constructed of steel.

NOTE: "Thorough examination" refers to a visual examination, supplemented (if necessary) by other means, such as a hammer test, carried out as carefully as conditions permit in order to arrive at a reliable conclusion as to the safety of the parts examined; if necessary for the purposes, parts of the machines or gear must be dismantled.

For additional requirements of the American Bureau of Shipping see "Requirements for Certification of Construction and Survey of Cargo Gear on Merchant Vessels" and "Guide for Certification of Cranes".

NOTE: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate 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 Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any Report issued in contemplation of this Certificate 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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Revision 1

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Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027244

CONFIDENTIAL

TRN-MDL-00171765

MODU Safety

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027245

CONFIDENTIAL

TRN-MDL-00171766



# MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE (1989)

ISSUED UNDER THE PROVISIONS OF THE

IMO CODE FOR THE CONSTRUCTION AND EQUIPMENT OF  
MOBILE OFFSHORE DRILLING UNITS, 1989  
AS AMENDED

UNDER THE AUTHORITY OF THE GOVERNMENT OF

THE REPUBLIC OF THE MARSHALL ISLANDS

BY Martin Gee.  
SURVEYOR, AMERICAN BUREAU OF SHIPPING  
SURVEYOR, AMERICAN BUREAU OF SHIPPING

Distinctive Identification (name or number)	Type (1.3 of the Code)	Port of Registry
Deepwater Horizon  2213 V7HC9	Column Stabilized Unit	Majuro

Date on which keel was laid or unit was at a similar stage of construction or on which major conversion was commenced 21 March 2000

## THIS IS TO CERTIFY:

- That the above-mentioned unit has been duly surveyed in accordance with the applicable provisions of the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989.
- That the survey showed that the structure, equipment, fittings, radio station arrangements and materials of the unit and the condition thereof are in all respects satisfactory and that the unit complies with the relevant provisions of the Code.
- That the life-saving appliances provide for a total number of 146 persons and no more as follows:

Four (4) totally enclosed, motor propelled and fire protected survival craft with a capacity of 73 persons each, located as follows: Two (2) Port and Stbd Forward and two (2) Port and Stbd Aft with davits. Six (6) Survival craft, capable of floating and breaking free with a total capacity of 150 persons located as follows: Three (3) located forward and three (3) located aft. No 2 Lifeboat is the designated Rescue Boat located Forward. Thirteen (13) lifebuoys and One Hundred and Ninety Five (195) Lifejackets.

- That, in accordance with 1.4 of the Code, the provisions of the Code are modified in respect of the unit in the following manner:

Not applicable.

- That this unit has been issued with an approval for the use of continuous survey techniques under 1.6.1.6 of the Code in lieu of periodical and intermediate surveys.

Hull

Machinery

Signature and Seal of Approving Authority

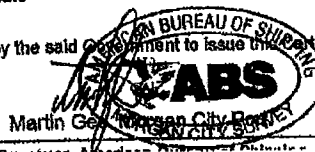
Date of Continuous Survey Program Approval

This Certificate is valid until the 28th February 2011

Completion date of the survey on which this certificate is based: 11th June 2006

Issued at Offshore Morgan City  
place of issue of Certificate

The undersigned declares that he is duly authorized by the said Government to issue this certificate.



**COPY**

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027246

CONFIDENTIAL

TRN-MDL-00171767

<b>MARITIME SERVICES GROUP</b>  <b>MARINE SAFETY</b>	AREA OF OPERATIONS <b>US GULF OF MEXICO</b>	
	DATE INSPECTED <b>15<sup>th</sup> JAN 2007</b>	
	LAST INSPECTION <b>2<sup>ND</sup> JAN 2006</b>	
	<input type="checkbox"/> INITIAL INSPECTION	<input type="checkbox"/> SPECIAL INSPECTION
<input checked="" type="checkbox"/> ANNUAL INSPECTION		
<b>REPORT OF SAFETY INSPECTION FOR MODU/MOU</b>		
<p><b>BACKGROUND:</b> The Flag Administration implemented the IMO Code for the construction and equipment of Mobile Offshore Drilling Units on 1 January 1991. Only those units which fully comply with the IMO MODU Code can be issued an IMO MODU Safety Certificate (defined as Category I Units by the Administration). To provide safety inspection coverage for those units which are in the Registry that have shown safe service, but can not fully comply with the MODU Codes developed at IMO, the Administration established a parallel safety inspection program which will provide a National MODU or MOU Certificate to these units provided they meet the National requirements (defined as Category II units by the Administration).</p> <p>This inspection is intended to assist owners in maintaining all Mobile Offshore Units (Jack-ups, Semisubmersibles, FSOs, Offshore Production Facilities, etc.) at all times in compliance with the applicable safety provisions of SOLAS and the National Maritime Regulations:</p> <p>(a) 1979 MODU Code (keel laid prior to 1 May 1991)</p> <p>(b) 2001 Consolidated MODU Code (keel laid on/after 1 May 1991)</p>		

NAME <b>DEEPWATER HORIZON</b>		O.N. <b>2213</b>	GROSS TONS <b>32,588</b>	NAME AND ADDRESS OF MANAGING OWNER/OPERATOR/BAREBOAT CHARTERER (PLEASE PRINT) <b>TRANSOCEAN OFFSHORE</b> <b>1311 BROADFIELD BLVD.</b> <b>SUITE 400</b> TEL <b>832-587-8500</b> FAX			
YEAR BUILT	CODE: <input type="checkbox"/> Existing vessel <input type="checkbox"/> 1979 MODU Code <input checked="" type="checkbox"/> 2001 MODU Code	OCCUPATION: <input checked="" type="checkbox"/> Drill Unit <input type="checkbox"/> Production <input type="checkbox"/> Storage <input type="checkbox"/> Other	<input checked="" type="checkbox"/> SELFPROPELLED <input type="checkbox"/> NONPROPELLED				
<b>PART A. SHIP DOCUMENTS - STATUTORY CERTIFICATES</b>							
NAME OF CERTIFICATE		EXPIRY DATE	NAME OF CERTIFICATE		EXPIRY DATE		
1. IMO MODU Safety Certificate (Category I Units)		<b>28 FEB 2011</b>	7. ILO Crew Accommodations Certificate		<b>28 FEB 2011</b>		
2. MODU Safety Certificate (Category II Units)		<b>N/A</b>	8. Lifting Gear Certificates		<b>1 JAN 2008</b>		
3. MOU Safety Certificate		<b>N/A</b>	9. International Tonnage Certificate		<b>-</b>		
4. Load Line Certificates		<b>28 FEB 2011</b>	10. Diving System Safety Certificate		<b>-</b>		
5. International Oil Pollution Certificate		<b>28 FEB 2011</b>	11. ISM Code Safety Management Certificate (propelled only)		<b>16 MAY 2005</b>		
6. Radio Station License		<b>30 JUNE 2008</b>	12. ISPS Code ISSC (if Applicable)		<b>15 JAN 2006</b>		
<b>PART B. PUBLICATIONS</b>							
NAME OF PUBLICATION	Y	N	Issue/YR.	NAME OF PUBLICATION	Y	N	Issue/YR.
1. Combined Publication Folder (M-300 CD for current year)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>05</b>	7. Garbage Management Plan & Record Book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. SOLAS Consolidated Edition, 2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2004</b>	8. Oil Record Book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. IMO IAMSAR Manual, Vol. III, 2006 Consolidated Edition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2006</b>	9. MARPOL 73/78 - 2008 Edition & 2005 Amendments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2005</b>
4. ICS Guide to Helicopter Operations (1988 Edition)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>1989</b>	10. Operating Manuals (normal / emergency conditions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. IMO Int'l Code of Signals (2005 Edition)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2005</b>	11. Training Manuals (1974 SOLAS, Reg. 35)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. SOPEP (Class Approved)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		12. MODU Code (1979 / 2001 Consolidated)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2001</b>
<b>PART C. MANNING</b>							
1. Vessel Holding Minimum Safe Manning Certificates in Vessel's Present Name:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Application Submitted			
2. Personnel assigned to meet the requirements of the Minimum Safe Manning Certificate:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>PART D. OFFICER CERTIFICATION</b>							
1. List of officers not holding National License of rank or holding expired National Licenses:							
NAME				RANK			
a.							
b.							
c.							

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PART E. SEAFARER'S FLAG DOCUMENTATION	
1. Are the persons required to be on board by the Minimum Safe Manning Certificate in possession of appropriate Seafarer's I.D. Books?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Are number of qualified persons required by Minimum Safe Manning Certificate on board?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Training records? first week - initial familiarization: location of lifesaving & firefighting equipment & responsibility according to station bill; by 2nd month - use of all safety equipment, hypothermia, & severe weather instructions; & every 4 months inflating and launching of davit launched inflatable life rafts.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. Comments: <u>Records reviewed &amp; found in order.</u>	
PART F. MEDICINE CHEST AND MEDICAL PUBLICATIONS	
1. Fully stocked with instructions <u>SPOT CHECKED &amp; FOUND SATISFACTORY</u>	
2. Medical Guide	<u>SHIP CAPT MEDICAL GUIDE</u> Edition: <u>2002</u>
3. Medical Log Book <u>PROVIDED</u>	
4. Accident Prevention Code <u>ISM CODE - SMS</u> Edition: _____	
5. Certificate of designated medical care provider sighted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
PART G. CREW ACCOMMODATIONS [Visual observation in accordance with ILO Conventions]	
1. Access and escape arrangements: <u>GOOD SIGNAGE, WELL LIT &amp; UNOBSTRUCTED</u>	
2. Crew Spaces clear of ship's stores or equipment: <u>HOUSEKEEPING GOOD</u>	
3. Fire Detection/Fire Alarm Systems: <u>GOOD ORDER &amp; TESTED REGULARLY.</u>	
4. Lighting: <u>ADEQUATE &amp; WELL MAINTAINED.</u>	
5. Ventilation: <u>SPACES FULLY AIR CONDITIONED.</u>	
6. Sanitary Facilities: <u>CLEAN &amp; WELL MAINTAINED</u>	
7. Drinking Water: <u>PROVIDED &amp; CLEAN.</u>	
8. Galley (Sanitation, trash, grease traps, ventilation): <u>CLEAN &amp; WELL MAINTAINED.</u>	
9. Interior Finish/Design: <u>ALL SURFACES IMPERVIOUS &amp; WIPED CLEAN</u>	
PART H. LOG BOOK	
1. Language: <u>ENGLISH.</u>	
2. Inspector's comments on entries: <u>ALL DRILLS &amp; INSPECTIONS RECORDED CLEARLY.</u>	
PART I. NAVIGATIONAL AIDS	
LIST NAVIGATIONAL AIDS ON BOARD: (NAVTEX/EPIRB/VHF)	OPERATIONAL?
1. Radar:	YES
2. Compass:	YES
3. AIS:	YES
4. NAMEX:	YES
5. CINDSE:	YES
PART J. NAVIGATION; CHARTS -- PUBLICATIONS AND RECORDS	
1. Chart or other visual shows MODU-S position in the event of distress? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
2. Compass error book (if Compass fitted) maintained? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
3. Tidal Stream/Current Atlas for area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
4. Other navigational records: <u>UNIT PROVIDED WITH ECDIS.</u>	

COPY

# PART K. GENERAL SAFETY

1. Boat and Fire Drills held weekly?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
2. Emergency drills held during this inspection?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
a. Satisfactory?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
b. Records kept?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
3. Condition of firefighting equipment:	GOOD	
a. Fixed CO <sub>2</sub> /Halon/Other system:	GOOD	Servicing dates: AUG 06
b. Portable extinguishers:	GOOD	Servicing dates: AUG 06
c. Comments:	ALL EQUIPMENT READY FOR INSTANT USE.	
d. Firemen's outfits:	GOOD CONDITION, ALL ITEMS PROVIDED.	
e. Fire main (gaskets):	GOOD	Fire stations: GOOD hoses/nozzles/spanners: GOOD
f. Closures separating hazardous/nonhazardous spaces:	EFFECTIVE	
g. Fire pump pressure adequate?	120 PSI	Main: 120 PSI Auxiliary: 120 PSI Emergency: 120 PSI
h. Fire detection system:	GOOD	Servicing dates: SERVICED REGULARLY
4. Markings/instructions/training manuals for lifesaving and firefighting equipment:	ALL REQUIRED SOLAS SIGNAGE PROVIDED & IN GOOD CONDITION.	
Comments:		

5. State condition of lifesaving equipment:	MAINTAINED IN GOOD CONDITION	
a. Life boats:	2 RATE & DAVITS IN GOOD ORDER.	Date last exercised in the water: NOV 2006
b. Lifejackets:	GOOD CONDITION	
c. Life buoys:	GOOD CONDITION	
d. Pyrotechnics:	GOOD CONDITION	Date manufactured: EXP 8/09
e. Number of inflatable Life rafts:	SIX (6)	Serviced: MARCH 06
7. Emergency source of electrical power, describe:	DIESEL GENERATOR DRIVING 550 KW ALTERNATOR LOCATED ON MAIN DECK.	

8. Gas detection and alarm, comments:	FIXED GAS DETECTION IN COMPLIANCE WITH CLASS & STATUTORY REQUIREMENTS
---------------------------------------	---

9. Operational requirements (see Chapter 14 in either the 1979 or 2001 Consolidated MODU Code as appropriate):	
a. Self propelled units check: Machinery controls, Steering Gear, Communications between navigation bridge and engine room and Engineers= alarm.	
b. All units check: Means of escape, Helicopter Facilities (include comms. & visual aids for landing and taking off), Diving System Instructions and Towing Guidelines.	
10. Additional comments and general remarks on overall condition of unit, include condition of engine room spaces/bilges and disposal of oil waste:	

UNIT IN VERY GOOD OVERALL CONDITION. HOUSEKEEPING & MAINTENANCE VERY GOOD. ENGINE ROOM BILGES CLEAN & FREE OF OIL. OIL RECORD BOOK WELL MAINTAINED. DISPOSAL OF OIL RESIDUES IN ACCORDANCE WITH MARPOL I. PROVISIONS FRESH & SPACE IN GOOD SANITARY CONDITION

**COPY**

## IMPORTANT NOTICE

NEITHER THE INSPECTION NOR THE REPORT CONSTITUTES A CERTIFICATION, WARRANTY, OR OTHER REPRESENTATION AS TO THE SEAWORTHINESS OF THE VESSEL DESCRIBED HEREIN NOR DO THEY RELIEVE ANY PERSON OR ORGANIZATION FROM THEIR RESPECTIVE RESPONSIBILITIES AND OBLIGATIONS TO ENSURE THAT THE VESSEL IS MAINTAINED IN A SEAWORTHY CONDITION.

INSPECTOR <b>CABS</b> MARIN CITY SURV M. GEE	MASTER Brent R. Young
PRINT MARTIN GEE	PRINT BRENT R. YOUNG

NOTICE TO MASTERS: Masters are required to review all entries in the Report before signing it. It is recommended that they discuss with the nautical inspector any findings which may not agree with actual conditions prevailing on board at the time of the inspection.



# MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE (1989)

ISSUED UNDER THE PROVISIONS OF THE

IMO CODE FOR THE CONSTRUCTION AND EQUIPMENT OF  
MOBILE OFFSHORE DRILLING UNITS, 1989  
AS AMENDED

UNDER THE AUTHORITY OF THE GOVERNMENT OF

THE REPUBLIC OF THE MARSHALL ISLANDS

BY Martin Gee.  
SURVEYOR, AMERICAN BUREAU OF SHIPPING  
SURVEYOR, AMERICAN BUREAU OF SHIPPING

Distinctive Identification (name or number)	Type (1.3 of the Code)	Port of Registry
Deepwater Horizon  2213 V7HC9	Column Stabilized Unit	Majuro

Date on which keel was laid or unit was at a similar stage of construction or on which major conversion was commenced 21 March 2000

## THIS IS TO CERTIFY:

- That the above-mentioned unit has been duly surveyed in accordance with the applicable provisions of the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989.
- That the survey showed that the structure, equipment, fittings, radio station arrangements and materials of the unit and the condition thereof are in all respects satisfactory and that the unit complies with the relevant provisions of the Code.
- That the life-saving appliances provide for a total number of 148 persons and no more as follows:

Four (4) totally enclosed, motor propelled and fire protected survival craft with a capacity of 73 persons each, located as follows: Two (2) Port and Stbd Forward and two (2) Port and Stbd Aft with davits. Six (6) Survival craft, capable of floating and breaking free with a total capacity of 150 persons located as follows: Three (3) located forward and three (3) located aft. No 2 Lifeboat is the designated Rescue Boat located Forward. Thirteen (13) lifebuoys and One Hundred and Ninety Five (195) Lifejackets.

- That, in accordance with 1.4 of the Code, the provisions of the Code are modified in respect of the unit in the following manner:

Not applicable.

- That this unit has been issued with an approval for the use of continuous survey techniques under 1.6.1.6 of the Code in lieu of periodical and intermediate surveys.

Hull

Machinery

<input type="checkbox"/>
<input type="checkbox"/>

Signature and Seal of Approving Authority

Date of Continuous Survey Program Approval

This Certificate is valid until the 28th February 2011



Completion date of the survey on which this certificate is based:

11th June 2006

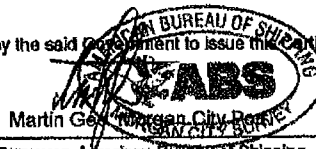
Issued at

Offshore Morgan City

place of issue of Certificate

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The undersigned declares that he is duly authorized by the said Government to issue this certificate.



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Endorsement for annual and intermediate surveys

This is to certify, that, at a survey required by 1.6 of the 1989 MODU Code, this unit was found to comply with the relevant provisions of the Code.

Annual Survey:

Place

Date

Signed



MORGAN CITY

14 JAN 2007

M. GEE

American Bureau of Shipping

Annual/Intermediate Survey:

Place

Date

Signed

**COPY**

Surveyor

American Bureau of Shipping

Annual/Intermediate Survey:

Place

Date

Signed

Surveyor

American Bureau of Shipping

Annual Survey:

Place

Date

Signed

Surveyor

American Bureau of Shipping

Annual/Intermediate survey in accordance with 1.6.11.7.3 of the Code

Place

Date

Signed

Surveyor

American Bureau of Shipping

Endorsement for the drydock survey

This is to certify that, at a survey required by 1.6 of the Code, this unit was found to comply with the relevant provisions of the Code.

First inspection:

Place

Date

Signed

Surveyor

American Bureau of Shipping

Second inspection:

Place

Date

Signed

Surveyor

American Bureau of Shipping

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<b>MARITIME SERVICES GROUP</b>  <b>MARINE SAFETY</b>	AREA OF OPERATIONS <b>US GULF OF MEXICO</b>	
	DATE INSPECTED <b>15<sup>th</sup> JAN 2007</b>	
	LAST INSPECTION <b>2<sup>ND</sup> JAN 2006</b>	
	<input type="checkbox"/> INITIAL INSPECTION	<input type="checkbox"/> SPECIAL INSPECTION
	<input checked="" type="checkbox"/> ANNUAL INSPECTION	
<b>REPORT OF SAFETY INSPECTION FOR MODU/MOU</b>  <b>BACKGROUND:</b> The Flag Administration implemented the IMO Code for the construction and equipment of Mobile Offshore Drilling Units on 1 January 1991. Only those units which fully comply with the IMO MODU Code can be issued an IMO MODU Safety Certificate (defined as Category I Units by the Administration). To provide safety inspection coverage for those units which are in the Registry that have shown safe service, but can not fully comply with the MODU Codes developed at IMO, the Administration established a parallel safety inspection program which will provide a National MODU or MOU Certificate to those units provided they meet the National requirements (defined as Category II units by the Administration). This inspection is intended to assist owners in maintaining all Mobile Offshore Units (Jack-ups, Semisubmersibles, FSOs, Offshore Production Facilities, etc.) at all times in compliance with the applicable safety provisions of SOLAS and the National Maritime Regulations: (a) 1979 MODU Code (keel laid prior to 1 May 1991) (b) 2001 Consolidated MODU Code (keel laid on/after 1 May 1991)		

NAME <b>DEEPWATER HORIZON</b>		O.N. <b>2213</b>	GROSS TONS <b>32,588</b>	NAME AND ADDRESS OF MANAGING OWNER/OPERATOR/BAREBOAT CHARTERER (PLEASE PRINT) <b>TRANSOCEAN OFFSHORE</b> <b>1311 BROADFIELD BLVD</b> <b>SUITE 400</b> <b>TEL 832-587-8500</b> <b>FAX</b>			
YEAR BUILT	CODE: <input type="checkbox"/> Existing vessel <input type="checkbox"/> 1979 MODU Code <input checked="" type="checkbox"/> 2001 MODU Code	OCCUPATION: <input checked="" type="checkbox"/> Drill Unit <input type="checkbox"/> Production <input type="checkbox"/> Storage <input type="checkbox"/> Other	<input checked="" type="checkbox"/> SELFPROPELLED <input type="checkbox"/> NONPROPELLED				
<b>PART A. SHIP DOCUMENTS - STATUTORY CERTIFICATES</b>							
NAME OF CERTIFICATE		EXPIRY DATE	NAME OF CERTIFICATE		EXPIRY DATE		
1. IMO MODU Safety Certificate (Category I Units)		<b>28 FEB 2011</b>	7. ILO Crew Accommodations Certificate		<b>28 FEB 2011</b>		
2. MODU Safety Certificate (Category II Units)		<b>N/A</b>	8. Lifting Gear Certificates		<b>1 JAN 2008</b>		
3. MOU Safety Certificate		<b>N/A</b>	9. International Tonnage Certificate		<b>-</b>		
4. Load Line Certificates		<b>28 FEB 2011</b>	10. Diving System Safety Certificate		<b>-</b>		
5. International Oil Pollution Certificate		<b>28 FEB 2011</b>	11. ISM Code Safety Management Certificate (propelled only)		<b>16 MAY 200</b>		
6. Radio Station License		<b>30 JUNE 2009</b>	12. ISPS Code ISSC (if Applicable)		<b>15 JAN 200</b>		
<b>PART B. PUBLICATIONS</b>							
NAME OF PUBLICATION	Y	N	Issue/YR.	NAME OF PUBLICATION	Y	N	Issue/YR.
1. Combined Publication Folder (M-300 CD for current year)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>05</b>	7. Garbage Management Plan & Record Book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. SOLAS Consolidated Edition, 2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2004</b>	8. Oil Record Book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. IMO IAMSAR Manual, Vol. III, 2006 Consolidated Edition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2006</b>	9. MARPOL 73/78 - 2008 Edition & 2005 Amendments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2005</b>
4. ICS Guide to Helicopter Operations (1989 Edition)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>1989</b>	10. Operating Manuals (normal / emergency conditions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. IMO Int'l Code of Signals (2005 Edition)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2005</b>	11. Training Manuals (1974 SOLAS, Reg. 35)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. SOPEP (Class Approved)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		12. MODU Code (1979 / 2001 Consolidated)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>2001</b>
<b>PART C. MANNING</b>							
1. Vessel Holding Minimum Safe Manning Certificates in Vessel's Present Name:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Application Submitted			
2. Personnel assigned to meet the requirements of the Minimum Safe Manning Certificate:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>PART D. OFFICER CERTIFICATION</b>							
1. List of officers not holding National License of rank or holding expired National Licenses:							
NAME				RANK			
a.							
b.							
c.							

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# PART E. SEAFARER'S FLAG DOCUMENTATION

- Are the persons required to be on board by the Minimum Safe Manning Certificate in possession of appropriate Seafarer's I.D. Books? ☒ Yes ☐ No
- Are number of qualified persons required by Minimum Safe Manning Certificate on board? ☒ Yes ☐ No
- Training records? first week - initial familiarization; location of lifesaving & firefighting equipment & responsibility according to station bill; by 2nd month - use of all safety equipment, hypothermia, & severe weather instructions; & every 4 months inflating and launching of davit launched inflatable life rafts. ☒ Yes ☐ No
- Comments: RECORDS REVIEWED & FOUND IN ORDER.

# PART F. MEDICINE CHEST AND MEDICAL PUBLICATIONS

- Fully stocked with Instructions SPOT CHECKED & FOUND SATISFACTORY
- Medical Guide SHIP CAPT MEDICAL GUIDE Edition: 2002
- Medical Log Book PROVIDED
- Accident Prevention Code TCM CODE - SMS Edition: \_\_\_\_\_
- Certificate of designated medical care provider sighted? ☒ Yes ☐ No

# PART G. CREW ACCOMMODATIONS [Visual observation in accordance with ILO Conventions]

- Access and escape arrangements: GOOD SIGNAGE, WELL LIT & UNOBSTRUCTED
- Crew Spaces clear of ship's stores or equipment: HOUSEKEEPING GOOD
- Fire Detection/Fire Alarm Systems: GOOD ORDER & TESTED REGULARLY.
- Lighting: ADEQUATE & WELL MAINTAINED
- Ventilation: SPACES FULLY AIR CONDITIONED
- Sanitary Facilities: CLEAN & WELL MAINTAINED
- Drinking Water: PROVIDED & CLEAN
- Galley (Sanitation, trash, grease traps, ventilation): CLEAN & WELL MAINTAINED.
- Interior Finish/Design: ALL SURFACES IMPERVIOUS & WIDE CLEAN

# PART H. LOG BOOK

- Language: ENGLISH.
- Inspector's comments on entries: ALL DRILLS & INSPECTIONS RECORDED CLEARLY.

# PART I. NAVIGATIONAL AIDS

LIST NAVIGATIONAL AIDS ON BOARD: (NAVTEX/EPIRB/VHF)	OPERATIONAL?
1. Radar:	YES
2. Compass:	YES
3. AIS	YES
4. NAVTEX	YES
5. ECDIS	YES

# PART J. NAVIGATION; CHARTS -- PUBLICATIONS AND RECORDS

- Chart or other visual shows MODU-S position in the event of distress? ☒ Yes ☐ No
- Compass error book (if Compass fitted) maintained? ☒ Yes ☐ No
- Tidal Stream/Current Atlas for area? ☒ Yes ☐ No
- Other navigational records:

UNIT PROVIDED WITH ECDIS.

**COPY**

PART K. GENERAL SAFETY			
1. Boat and Fire Drills held weekly?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
2. Emergency drills held during this inspection?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
a. Satisfactory?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
b. Records kept?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
3. Condition of firefighting equipment:	GOOD		
a. Fixed CO <sub>2</sub> /Halon/Other system:	GOOD	Servicing dates:	AUG 06
b. Portable extinguishers:	GOOD	Servicing dates:	AUG 06
c. Comments:	ALL EQUIPMENT READY FOR INSTANT USE.		
d. Firemen's outfits:	GOOD CONDITION, ALL ITEMS PROVIDED		
e. Fire main (gaskets):	GOOD	Fire stations:	GOOD
f. Closures separating hazardous/nonhazardous spaces:	EFFECTIVE		
g. Fire pump pressure adequate?	120 PSI	Main:	120 PSI
		Auxiliary:	120 PSI
		Emergency:	120 PSI
h. Fire detection system:	GOOD	Servicing dates:	SERVICED REGULARLY
4. Markings/instructions/training manuals for lifesaving and firefighting equipment:	ALL REQUIRED SOLAS SIGNAGE PROVIDED & IN GOOD CONDITION		
Comments:			
5. State condition of lifesaving equipment:	MAINTAINED IN GOOD CONDITION		
a. Life boats:	2 RATE & 2 AVIS IN GOOD ORDER.	Date last exercised in the water:	NOV 2006
b. Lifejackets:	GOOD CONDITION		
c. Life buoys:	GOOD CONDITION		
d. Pyrotechnics:	GOOD CONDITION	Date manufactured:	EXP 8/09
e. Number of inflatable life rafts:	SIX (6)	Serviced:	(MARCH 06)
7. Emergency source of electrical power, describe:	DIESEL GENERATOR DRIVING 550 KW ALTERNATOR LOCATED ON MAIN DECK		
8. Gas detection and alarm, comments:	FIXED GAS DETECTION IN COMPLIANCE WITH CLASS & STATUTORY REQUIREMENTS		
9. Operational requirements (see Chapter 14 in either the 1979 or 2001 Consolidated MODU Code as appropriate):			
a. Self propelled units check: Machinery controls, Steering Gear, Communications between navigation bridge and engine room and Engineers= alarm.			
b. All units check: Means of escape, Helicopter Facilities (include comms. & visual aids for landing and taking off), Diving System Instructions and Towing Guidelines.			
10. Additional comments and general remarks on overall condition of unit, include condition of engine room spaces/bilges and disposal of oil waste:	UNIT IN VERY GOOD OVERALL CONDITION. HOUSEKEEPING & MAINTENANCE VERY GOOD. ENGINE ROOM BILGES CLEAN & FREE OF OIL. OIL RECORD BOOK WELL MAINTAINED. DISPOSAL OF OIL RESIDUES IN ACCORDANCE WITH MARPOL I. PROVISIONS FRESH & STORES IN GOOD SANITARY CONDITION		
<b>COPY</b>			
<b>IMPORTANT NOTICE</b>			
NEITHER THE INSPECTION NOR THE REPORT CONSTITUTES A CERTIFICATION, WARRANTY, OR OTHER REPRESENTATION AS TO THE SEAWORTHINESS OF THE VESSEL DESCRIBED HEREIN NOR DO THEY RELIEVE ANY PERSON OR ORGANIZATION FROM THEIR RESPECTIVE RESPONSIBILITIES AND OBLIGATIONS TO ENSURE THAT THE VESSEL IS MAINTAINED IN A SEAWORTHY CONDITION.			
INSPECTOR <b>M. GEE</b> MARVIN GEE		MASTER <b>Brent R. Young</b> BRENT R. YOUNG	
NOTICE TO MASTERS: Masters are required to review all entries in the Report before signing it. It is recommended that they discuss with the nautical inspector any findings which may not agree with actual conditions prevailing on board at the time of the inspection.			

**ANNEX II**  
**MSD 252A MOU – Report of Safety Inspection for MODU**

**COPY**

<b>MARITIME OPERATIONS DEPARTMENT</b>  <b>MARINE SAFETY</b>	<b>AREA OF OPERATIONS</b> <u>US GULF OF MEXICO</u>	
	<b>DATE INSPECTED</b> <u>2<sup>ND</sup> JAN 2006</u>	
	<b>LAST INSPECTION</b>	
	<input type="checkbox"/> INITIAL INSPECTION	<input type="checkbox"/> SPECIAL INSPECTION
<input checked="" type="checkbox"/> ANNUAL INSPECTION		
<b>REPORT OF SAFETY INSPECTION FOR MODU/MOU</b>		
<p><b>BACKGROUND:</b> The Flag Administration implemented the IMO Code for the construction and equipment of Mobile Offshore Drilling Units on 1 January 1991. Only those units which fully comply with the IMO MODU Code can be issued an IMO MODU Safety Certificate (defined as Category I Units by the Administration). To provide safety inspection coverage for those units which are in the Registry that have shown safe service, but can not fully comply with the MODU Codes developed at IMO, the Administration established a parallel safety inspection program which will provide a National MODU or MOU Certificate to these units provided they meet the National requirements (defined as Category II units by the Administration).</p> <p>This inspection is intended to assist owners in maintaining all Mobile Offshore Units (Jack-ups, Semisubmersibles, FSOs, Offshore Production Facilities, etc.) at all times in compliance with the applicable safety provisions of SOLAS and the National Maritime Regulations:</p> <p>(a) 1979 MODU Code (keel laid prior to 1 May 1991)</p> <p>(b) 2001 Consolidated MODU Code (keel laid on/after 1 May 1991)</p>		
<p><b>NOTE:</b> This form is to be completed in triplicate by the Nautical Inspector on the occasion of each inspection. The original and all copies are to be signed by both the Nautical Inspector and the vessel's Master (or his authorized representative in his absence). A copy shall be delivered by the Nautical Inspector to the Master and retained on board by the latter as part of the vessel's official documents. All remaining copies must be returned to the Marine Safety Division. The Master shall produce the vessel's copy of the previous report on request to the Nautical Inspector on the occasion of any subsequent inspection.</p>		

<b>NAME</b> <u>DEEPWATER HORIZON</u>		<b>SN</b> <u>2213</u>	<b>GROSS TONS</b> <u>22,588</u>	<b>NAME AND ADDRESS OF MANAGING OWNER/OPERATOR/BARGE/SHIP CHARTERER (PLEASE PRINT)</b>			
<b>YEAR BUILT</b>	<b>CODE</b> <input type="checkbox"/> Existing vessel <input type="checkbox"/> 1979 MODU Code <input checked="" type="checkbox"/> 2001 MODU Code	<b>OCCUPATION</b> <input checked="" type="checkbox"/> Drill Unit <input type="checkbox"/> Production <input type="checkbox"/> Storage <input type="checkbox"/> Other	<input checked="" type="checkbox"/> SELFPROPELLED <input type="checkbox"/> NONPROPELLED	<u>TRANSOCEAN OFFSHORE</u> <u>1311 BROADFIELD BLVD SUITE 400</u> <u>HOUSTON TX.</u> <u>TEL 713-232-2322</u> <u>FAX 282-527-8500 (TEL)</u>			
<b>PART A. SHIP DOCUMENTS - STATUTORY CERTIFICATES</b>							
<b>NAME OF CERTIFICATE</b>		<b>EXPIRY</b>	<b>NAME OF CERTIFICATE</b>		<b>EXPIRY</b>		
1. IMO MODU Safety Certificate (Category I Units) <u>(EXTENDED)</u>		<u>31 JULY 06</u>	11. Crew Accommodations Certificate		<u>28 FEB 2011</u>		
2. MODU Safety Certificate (Category II Units)		<u>—</u>	12. Lifting Gear Certificate		<u>JAN 2006</u>		
3. MOU Safety Certificate		<u>—</u>	13. International Tonnage Certificate <u>(PROVIDED)</u>		<u>—</u>		
4. Load Line Certificate <u>(EXTENDED)</u>		<u>31 JULY 06</u>	14. Diving System Safety Certificate		<u>—</u>		
5. International Oil Pollution Certificate <u>(EXTENDED)</u>		<u>28 FEB 2011</u>	15. ISM Code Safety Management Certificate (prepared only)		<u>MAY 2007</u>		
6. Radio Station License		<u>30 JUN 09</u>					
<b>PART B. PUBLICATIONS (Indicate if on board)</b>							
<b>NAME OF PUBLICATION</b>	<b>Y</b>	<b>N</b>	<b>ISSUE/YR.</b>	<b>NAME OF PUBLICATION</b>	<b>Y</b>	<b>N</b>	<b>ISSUE/YR.</b>
1. Combined Publication Folder (M-500 CD for current year)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(05)</u>	8. Garbage Management Plan & Record Book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>—</u>
2. SOLAS Donated Edition, 2001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>2004</u>	9. Oil Record Book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>—</u>
3. ICD IAMSAR Manual, 1998, Vol 3 w/ 2001 amendments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>2001</u>	10. MARPOL 73/78 - 2002 Edition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>2003</u>
4. CE Guide to Helicopter Operations (1999 Edition)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>89</u>	11. Operating Manuals (normal / emergency conditions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>—</u>
5. IMO Int'l Code of Signals (1987 Ed. w/ 01 amendments)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1987</u>	12. Training Manuals (1974 SOLAS, Reg. 35)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>—</u>
6. MODU Code 2002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>2005</u>	13. MODU Code (1979 / 2001 Consolidated)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>2001</u>
7. SOPEP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>—</u>				<u>—</u>
<b>PART C. MANNING</b>							
1. Vessel Holding Minimum Safe Manning Certificate in Vessel's Present Name:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Application Submitted			
2. Personnel assigned to meet the requirements of the Minimum Safe Manning Certificate:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>PART D. OFFICER CERTIFICATION</b>							
1. List of officers not holding National Licenses of rank or holding expired National Licenses:							
<b>NAME</b>				<b>RANK</b>			
a. <u>—</u>				<u>—</u>			
b. <u>—</u>				<u>—</u>			
c. <u>—</u>				<u>—</u>			

Rev. 4/03

PAGE 1

MSD 252A MOU

SWZ-002-05-P11-W072, Marshall Islands

Attachment P - Revision 0

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027255

CONFIDENTIAL

TRN-MDL-00171776



**PART E. SEAFARER'S FLAG DOCUMENTATION**

1. Are the persons required to be on board by the Minimum Safe Manning Certificate in possession of appropriate Seafarers I Li Books? ☒ Yes ☐ No

2. Are number of qualified persons required by Minimum Safe Manning Certificate on board? ☒ Yes ☐ No

3. Training records - first-aid, first-aid, first-aid, location of lifesaving & firefighting equipment & responsibility according to station bill; by 2nd master, 1st officer of safety equipment, lifeboats, & severe weather instructions, & every 4 months inflating and launching of davit launched inflatable life rafts. ☒ Yes ☐ No

4. Comments: REVIEWED LIFESAVING & FIREFIGHTING TRAINING RECORDS & FOUND ALL IN ORDER.

**PART F. MEDICINE CHEST AND MEDICAL PUBLICATIONS**

1. Fully stocked with instructions SPOT CHECKED CONTENTS AGAINST INVENTORY.

2. Medical Guide SHIP CAPTAIN'S MEDICAL GUIDE Edition: CURRENT - 2002.

3. Medical Log Book PROVIDED

4. Accident Prevention Code ISM CODE - SMS Edition 0

5. Certificate of designation medical care provider signed? ☒ Yes ☐ No

**PART G. CREW ACCOMMODATIONS** - [Visual observation in accordance with ILO Conventions]

1. Access and escape arrangements GOOD SIGNAGE, WELL LIT & UNOBSTRUCTED

2. Clean, soundless, clear of ship's stores or equipment HOUSEKEEPING GOOD

3. Fire Detection and Alarm Systems IN GOOD ORDER & TESTED REGULARLY.

4. Lighting ADEQUATE & WELL MAINTAINED.

5. Ventilation SPACES FULLY AIR CONDITIONED

6. Sanitary Facilities CLEAN & WELL MAINTAINED

7. Drinking Water PROVIDED & CLEAN

8. Sewage, Sanitation (wash, garbage traps, ventilation) CLEAN & WELL MAINTAINED

9. Deck & Hatchways ALL SURFACES IMPERVIOUS & EASY TO CLEAN

**PART H. LOG BOOK**

1. Language ENGLISH.

2. Inspection & comments on entries ALL BOAT, FIRE & MOB DRILLS CLEARLY RECORDED AT PRESCRIBED INTERVALS.

**PART I. NAVIGATIONAL AIDS**

LIST NAVIGATIONAL AIDS ON BOARD: (NAVTEX/EPIRB/VHF)	OPERATIONAL?
1. Radar:	YES
2. Compass:	YES
3. NAVTEX	YES
4. EPIRB - ECHO SOUNDER	YES
5. DIS	YES

**PART J. NAVIGATION, CHARTS - PUBLICATIONS AND RECORDS**

1. Chart or other visual shows MODU-S position in the event of distress? ☒ Yes ☐ No

2. Compass error book (if Compass fitted) maintained? ☒ Yes ☐ No

3. Tidal Stream/Current Atlas for area? ☒ Yes ☐ No

4. Other navigational records: UNIT IS PROVIDED WITH ECDIS.

**PART II. GENERAL SAFETY**

1. Boat and Fire Drills held weekly? ☒ Yes ☐ No

2. Emergency drills held during this inspection? ☒ Yes ☐ No

3. Satisfaction? ☒ Yes ☐ No

4. Records kept? ☒ Yes ☐ No

5. Condition of firefighting equipment: **MAINTAINED IN GOOD CONDITION**

6. Fixed CO<sub>2</sub> system/Other system: **GOOD CONDITION** Servicing date: **JUNE 2005**

7. Portable extinguishers: **GOOD CONDITION** Servicing date: **JUNE 2005**

Comments: **ALL EQUIPMENT READY FOR INSTANT USE.**

8. Fireman's outfit: **GOOD CONDITION - ALL COMPONENTS PROVIDED**

9. Fire main (overhead): **GOOD** Fire stations: **GOOD** Hoses/nozzles/temperature: **GOOD**

10. Closures separating hazardous/non-hazardous spaces: **EFFECTIVE**

11. Fire pump pressure adequate? **YES** Main: **100 PSI** Auxiliary: **100 PSI** Emergency: **100 PSI**

12. Fire detection system: **TESTED & GOOD** Servicing date: **TESTED WEEKLY**

13. Alarms/instructions/life-saving manuals for life-saving and firefighting equipment: **ALL SOLAS SIGNAGE IN GOOD CONDITION. INSTRUCTION PLACARDS CLEAR & WELL LIT. FIREFIGHTING & LIFESAVING MANUALS PROVIDED IN MESSROOMS.**

14. State condition of life-saving equipment: **MAINTAINED IN GOOD CONDITION**

15. Life rafts: **BOATS, DAVITS & EQUIPMENT GOOD ORDER** Date last exercised in this water: **10 DEC 2005**

16. Life rafts: **IN GOOD CONDITION WITH LIGHTS WHISTLES & SA CODE COMPLIANT.**

17. Life rafts: **GOOD CONDITION - ADEQUATE NUMBER PROVIDED**

18. Pyrotechnics: **IN DATE & SECURELY STORED** Date manufactured: **2/03 - EXP 8/06**

19. Number of inflatable life rafts: **SIX (6)** Service: **FEB 05**

20. Emergency source of electrical power, describe: **DIESEL GENERATOR SITUATED ON MAIN DECK. 550 KW.**

21. Gas detection and warn, comments: **FIXED GAS DETECTION IN COMPLIANCE WITH CLASS & MODU CODE REQUIREMENTS.**

22. Operational requirements (see Chapter 14 in either the 1978 or 2001 Consolidated HOCU Code as appropriate):

23. Self-propelled units check: Machinery controls, Steering Gear, Communications between navigation bridge and engine room and Engine room alarm: **GOOD CONDITION**

24. All units check: Means of escape, Helicopter Facilities (include comms & visual aids for landing and taking off), Diving System Instructions and Training Guidelines: **GOOD CONDITION**

25. Additional comments and general remarks on overall condition of unit, include condition of engine room, spaces/bilges and disposal of oil waste: **UNIT IN VERY GOOD OVERALL CONDITION. HOUSEKEEPING & MAINTENANCE VERY GOOD. ENGINE ROOM BILGES CLEAN & FREE OF OIL. OIL RECORD BOOK IN GOOD ORDER. DISPOSAL OF OIL RESIDUE IN ACCORDANCE WITH MARPOL ANNEX I.**

**IMPORTANT NOTICE**

NEITHER THE REPORT NOR THE REPORT CONSTITUTES A CERTIFICATION, WARRANTY, OR OTHER REPRESENTATION AS TO THE SEAWORTHINESS OF THE VESSEL. IT DOES NOT RELIEVE ANY PERSON OR ORGANIZATION FROM THEIR RESPECTIVE RESPONSIBILITIES AND OBLIGATIONS TO ENSURE THAT THE VESSEL IS MAINTAINED IN A SEAWORTHY CONDITION.

INSPECTOR: **M. GEE** MASTER: **Michael T. Wazirif**

PRIN: **Michael T. Wazirif**

NOTICE TO MASTERS: Masters are required to review all entries in the Report before signing it. It is recommended that they discuss with the Inspected Officer any findings which may not agree with actual conditions prevailing on board at the time of the inspection.

Rev. 4/03

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Deepwater Horizon  
Official Number 2213  
Gross Tonnage 32,583  
Horsepower 59,460  
Majuro

MSD 252A MOU

SWZ-002-05-P11-W072, Marshall Islands

Attachment P - Revision 0

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027257

CONFIDENTIAL

TRN-MDL-00171778

**SHORT TERM**

Certificate No.: 0130290-669370-006

**MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE (1989)**

ISSUED UNDER THE PROVISIONS OF THE

IMO CODE FOR THE CONSTRUCTION AND EQUIPMENT OF  
**MOBILE OFFSHORE DRILLING UNITS, 1989**  
AS AMENDED**COPY**

UNDER THE AUTHORITY OF THE GOVERNMENT OF

**THE REPUBLIC OF THE MARSHALL ISLANDS**BY Gee, Martin  
SURVEYOR, AMERICAN BUREAU OF SHIPPING

Distinctive Identification (name or number)	Type (1.3 of the Code)	Port of Registry
DEEPWATER HORIZON  2213 V7HC9	Column Stabilized Unit	Majuro

Date on which keel was laid or unit was at a similar stage of construction or on which major conversion was commenced 21 March 2000**THIS IS TO CERTIFY:**

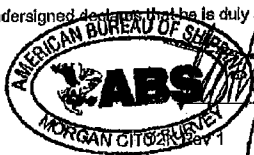
- That the above-mentioned unit has been duly surveyed in accordance with the applicable provisions of the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989.
- That the survey showed that the structure, equipment, fittings, radio station arrangements and materials of the unit and the condition thereof are in all respects satisfactory and that the unit complies with the relevant provisions of the Code.
- That the life-saving appliances provide for a total number of 146 persons and no more as follows:  
Four (4) totally enclosed, motor propelled, fire protected survival craft with a capacity of 73 persons each, located as follows: Two (2) port and stbd forward and two (2) port and stbd aft with davits. Six (6) survival craft capable of floating and breaking free with a total capacity of 150 persons, located as follows: Three (3) located forward and three (3) located aft. No 2 Lifeboat is the designated rescue boat located forward. Thirteen (13) lifebuoys. One hundred and ninety five (195) lifejackets.
- That, in accordance with 1.4 of the Code, the provisions of the Code are modified in respect of the unit in the following manner:  
N/A
- That this unit has been issued with an approval for the use of continuous survey techniques under 1.6.1.6 of the Code in lieu of periodical and intermediate surveys.  
Hull ☐  
Machinery ☐

Signature and Seal of Approving Authority

Date of Continuous Survey Program Approval

This Certificate is valid until the 31 July 2006**ABS**Completion date of the survey on which this certificate is based: 18th Jan 2006.Issued at Morgan City  
place of Issue of Certificate

The undersigned declares that he is duly authorized by the said Government to issue this Certificate.

Gee, Martin, Morgan City Port  
Surveyor, American Bureau of Shipping

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MODU MI 89

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027258

CONFIDENTIAL

TRN-MDL-00171779

**Endorsement for annual and Intermediate surveys**

This is to certify, that, at a survey required by 1.6 of the 1989 MODU Code, this unit was found to comply with the relevant provisions of the Code.

Annual Survey:

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Signed \_\_\_\_\_  
 Surveyor  
 American Bureau of Shipping

Annual/Intermediate Survey:

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Signed \_\_\_\_\_  
 Surveyor  
 American Bureau of Shipping

Annual/Intermediate Survey:

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Signed \_\_\_\_\_  
 Surveyor  
 American Bureau of Shipping

Annual Survey:

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Signed \_\_\_\_\_  
 Surveyor  
 American Bureau of Shipping

**Annual/Intermediate survey in accordance with 1.6.11.7.3 of the Code**

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Signed \_\_\_\_\_  
 Surveyor  
 American Bureau of Shipping

**Endorsement for the drydock survey**

This is to certify that, at a survey required by 1.6 of the Code, this unit was found to comply with the relevant provisions of the Code.

First inspection:

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Signed \_\_\_\_\_  
 Surveyor  
 American Bureau of Shipping

Second inspection:

Place \_\_\_\_\_ Date \_\_\_\_\_  
 Signed \_\_\_\_\_  
 Surveyor  
 American Bureau of Shipping

**Endorsement to extend the Certificate if valid for less than 5 years where 1.6.11.3 of the Code applies**

This unit complies with the relevant requirements of the Code, and this certificate should, in accordance with 1.6.11.3 of the Code, be accepted as valid until \_\_\_\_\_

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement where the renewal survey has been completed and 1.6.11.4 of the Code applies**

This unit complies with the relevant requirements of the Code, and this certificate should, in accordance with 1.6.11.4 of the Code, be accepted as valid until \_\_\_\_\_

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement to extend the validity of the certificate until reaching the port of survey where 1.6.11.5 of the Code applies**

This certificate should, in accordance with 1.6.11.5 of the Code, be accepted until \_\_\_\_\_

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement for the advancement of the anniversary date where 1.6.11.7 of the Code applies**

In accordance with 1.6.11.7 of the Code, the new anniversary date is \_\_\_\_\_

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

In accordance with 1.6.11.7 of the Code, the new anniversary date is \_\_\_\_\_

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

# MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE (1989)

ISSUED UNDER THE PROVISIONS OF THE

IMO CODE FOR THE CONSTRUCTION AND EQUIPMENT OF  
MOBILE OFFSHORE DRILLING UNITS, 1989  
AS AMENDED

UNDER THE AUTHORITY OF THE GOVERNMENT OF

**REPUBLIC OF THE MARSHALL ISLANDS**

BY E.L. BECHE, SURVEYOR, AMERICAN BUREAU OF SHIPPING

Distinctive Identification (name or number)	Type (1.3 of the Code)	Port of Registry
DEEPWATER HORIZON IMO #8764597	COLUMN STABILIZED DRILLING UNIT	MAJURO

Date on which keel was laid or unit was at a similar stage of construction or on which major conversion was commenced 21 MARCH 2000

## THIS IS TO CERTIFY:

- That the above-mentioned unit has been duly surveyed in accordance with the applicable provisions of the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989.
- That the survey showed that the structure, equipment, fittings, radio station arrangements, and materials of the unit and the condition thereof are in all respects satisfactory and that the unit complies with the relevant provisions of the Code.
- That the life-saving appliances provide for a total number of 146 persons and no more as follows:  
Four totally enclosed, motor propelled, fire protected survival craft with capacity for 73 persons each: Located - Two(2) P/S Fwd.. & Two(2) P/S Aft with launching devices. Three(3) 25 person davit launched liferafts located forward. Three(3) 25 person davit launched liferafts located Aft. Number 2 Lifeboat is the designated rescue boat located forward. Vessel also equipped with 13 lifebuoys fitted with light, line and smoke as required & 195 lifejackets. For more information refer to ABS Record of Approved Ship Safety Equipment placed on board the vessel at delivery.
- That, in accordance with 1.4 of the Code, the provisions of the Code are modified in respect of the unit in the following manner:  
N/A
- That this unit has been issued with an approval for the use of continuous survey techniques under 1.6.1.6 of the Code in lieu of periodical and intermediate surveys.

Hull ☒

Machinery ☒

Signature and Seal of Approving Authority

Date of Continuous Survey Program Approval



**ABS**

This Certificate is valid until the 28<sup>th</sup> day of FEBRUARY 2006  
Completion date of the survey on which this certificate is based: 23<sup>rd</sup> FEBRUARY 2001

Issued at HOUSTON, TEXAS ON 10<sup>th</sup> JUNE 2005  
(place of issue of Certificate)

The undersigned declares that he is duly authorized by the said Government to issue this Certificate.

E.L. BECHE, Surveyor, American Bureau of Shipping

**Endorsement for annual and intermediate surveys**

This is to certify, that, at a survey required by 1.6 of the 1989 MODU Code, this unit was found to comply with the relevant provisions of the Code.

Annual Survey:

Place \_\_\_\_\_

Date \_\_\_\_\_

Signed \_\_\_\_\_

Surveyor  
American Bureau of Shipping

Annual/Intermediate Survey:

Place \_\_\_\_\_

Date \_\_\_\_\_

Signed \_\_\_\_\_

Surveyor  
American Bureau of Shipping

Annual/Intermediate Survey:

Place \_\_\_\_\_

Date \_\_\_\_\_

Signed \_\_\_\_\_

Surveyor  
American Bureau of Shipping

Annual Survey:

Place \_\_\_\_\_

Date \_\_\_\_\_

Signed \_\_\_\_\_

Surveyor  
American Bureau of Shipping

**Annual/Intermediate survey in accordance with 1.6.11.7.3 of the Code**

Place \_\_\_\_\_

Date \_\_\_\_\_

Signed \_\_\_\_\_

Surveyor  
American Bureau of Shipping

**Endorsement for the drydock survey**

This is to certify that, at a survey required by 1.6 of the Code, this unit was found to comply with the relevant provisions of the Code.

First inspection:

Place \_\_\_\_\_

Date \_\_\_\_\_

Signed \_\_\_\_\_

Surveyor  
American Bureau of Shipping

Second inspection:

Place \_\_\_\_\_

Date \_\_\_\_\_

Signed \_\_\_\_\_

Surveyor  
American Bureau of Shipping

**Endorsement to extend the Certificate if valid for less than 5 years where 1.6.11.3 of the Code applies**

This unit complies with the relevant requirements of the Code, and this certificate should, in accordance with 1.6.11.3 of the Code, be accepted as valid until

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement where the renewal survey has been completed and 1.6.11.4 of the Code applies**

This unit complies with the relevant requirements of the Code, and this certificate should, in accordance with 1.6.11.4 of the Code, be accepted as valid until

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement to extend the validity of the certificate until reaching the port of survey where 1.6.11.5 of the Code applies**

This certificate should, in accordance with 1.6.11.5 of the Code, be accepted until

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement for the advancement of the anniversary date where 1.6.11.7 of the Code applies**

In accordance with 1.6.11.7 of the Code, the new anniversary date is

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

In accordance with 1.6.11.7 of the Code, the new anniversary date is

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping





# MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE (1989)

ISSUED UNDER THE PROVISIONS OF THE

IMO CODE FOR THE CONSTRUCTION AND EQUIPMENT OF  
MOBILE OFFSHORE DRILLING UNITS, 1989

UNDER THE AUTHORITY OF THE GOVERNMENT OF

**THE REPUBLIC OF PANAMA**

BY E.L. BECHE  
Surveyor, American Bureau of Shipping

Distinctive Identification (name or number)	Type (1.3 of the Code)	Port of Registry
DEEPWATER HORIZON H3SM/IMO#8764597	COLUMN STABILIZED DRILLING UNIT	PANAMA

Date on which keel was laid or unit was at a similar stage of construction or on which major conversion was commenced 21 MARCH 2000.

## THIS IS TO CERTIFY:

- That the above-mentioned unit has been duly surveyed in accordance with the applicable provisions of the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989.
- That the survey showed that the structure, equipment, fittings, radio station arrangements and materials of the unit and the condition thereof are in all respects satisfactory and that the unit complies with the relevant provisions of the Code.
- That the life-saving appliances provide for a total number of ONE HUNDRED THIRTY (130) persons and no more as follows:  
"SEE ATTACHMENT FORMING PART OF THIS CERTIFICATE FOR FURTHER DETAILS."
- That, in accordance with 1.4 of the Code, the provisions of the Code are modified in respect of the unit in the following manner:
- That this unit has been issued with an approval for the use of continuous survey techniques under 1.6.1.6 of the Code in lieu of periodical and intermediate surveys.  
Hull ☐  
Machinery ☐

Signature and Seal of Approving Authority

N/A  
Date of Continuous Survey Program Approval

This Certificate is valid until the 28 day of FEBRUARY 2006

Issued at HOUSTON, TEXAS ON 05 JUNE 2001  
(place of issue of Certificate)

The undersigned declares that he is duly authorized by the said Government to issue this Certificate.

E.L. BECHE  
Surveyor, American Bureau of Shipping



**ABS**

MODU PAN

Revision 0

Page 1 of 2

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027264

CONFIDENTIAL

TRN-MDL-00171785

**ATTACHMENT TO MOBILE OFFSHORE DRILLING UNIT  
SAFETY CERTIFICATE-RECORD  
ISSUED BY ABS ULSAN AND DATED 30 MARCH 2001**

**Lifesaving Equipment**

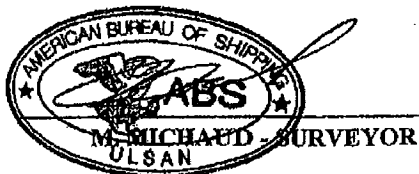
Lifesaving appliances are provided for a total one hundred and thirty(130) persons and no more as follows:

- One(1) totally enclosed life boat/rescue boat located forward port and capable of accommodating 65 persons each.
- One(1) totally enclosed life boat located forward starboard and capable of accommodating 65 persons each.
- Two(2) totally enclosed life boat located aft and capable of accommodating 65 persons each.
  
- Three(3) liferafts with davit launching arrangements located forward and capable of "Floating Free"; capacity 25 persons each.
- Three(3) liferafts with davit launching arrangements located aft and capable of "Floating Free"; capacity 25 persons each.
  
- Ten(10) each lifebuoys
- One hundred and ninety five(195) lifejackets
- One hundred and ninety five(195) survival suits

**Navigation Equipment**

- Radar direction finder exempted as per letter S-1/RAA, dated 18 January 2001.
- Magnetic compass SOLAS V, reg. 12 (b) (I) (4) superceded by ABS New York Regulation Affair's E-Mail dated 13 Feb. 01 as 2 Gyro Repeater available together covering 360 ° Arc.

**ISSUED AT ULSAN, KOREA THIS 30<sup>th</sup> DAY OF MARCH 2001.**





# MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE (1989)

ISSUED UNDER THE PROVISIONS OF THE

IMO CODE FOR THE CONSTRUCTION AND EQUIPMENT OF  
MOBILE OFFSHORE DRILLING UNITS, 1989  
AS AMENDED

UNDER THE AUTHORITY OF THE GOVERNMENT OF

THE REPUBLIC OF PANAMA

BY WILLIAM HAYNIE SURVEYOR, AMERICAN BUREAU OF SHIPPING

Distinctive Identification (name or number)	Type (1.3 of the Code)	Port of Registry
Deepwater Horizon	Column Stabilized Drilling Unit	Panama

Date on which keel was laid or unit was at a similar stage of construction or on which major conversion was commenced 21 March 2000

## THIS IS TO CERTIFY:

- That the above-mentioned unit has been duly surveyed in accordance with the applicable provisions of the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989.
- That the survey showed that the structure, equipment, fittings, radio station arrangements and materials of the unit and the condition thereof are in all respects satisfactory and that the unit complies with the relevant provisions of the Code.
- That the life-saving appliances provide for a total number of 148 persons and no more as follows:  
Four (4) rigid and totally enclosed motor propelled and fire protected survival craft of aggregate capacity for 292 persons  
Six (6) survival craft, capable of floating and breaking free in the event of the unit becoming submerged of aggregate capacity for 150 persons
- That, in accordance with 1.4 of the Code, the provisions of the Code are modified in respect of the unit in the following manner:
- That this unit has been issued with an approval for the use of continuous survey techniques under 1.6.1.6 of the Code in lieu of periodical and intermediate surveys.  
Hull ☐  
Machinery ☐

Signature and Seal of Approving Authority



Date of Continuous Survey Program Approval

This Certificate is valid until the 27 day of July 2003 pending issuance of full term with expiration date of 30 March 2005

Completion date of the survey on which this certificate is based: 27 Feb. 03

Issued at Morgan City, La.  
(place of issue of Certificate)

The undersigned declares that he is duly authorized by the said Government to issue this Certificate.

  
William Haynie Surveyor, American Bureau of Shipping  


MODU PAN 89

Revision 1

Page 1 of 3

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027266

CONFIDENTIAL

TRN-MDL-00171787

Endorsement for annual and intermediate surveys

This is to certify, that, at a survey required by 1.6 of the 1989 MODU Code, this unit was found to comply with the relevant provisions of the Code.

Annual Survey:

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

Annual/Intermediate Survey:

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

Annual/Intermediate Survey:

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

Annual Survey:

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

Annual/Intermediate survey in accordance with 1.6.11.7.3 of the Code

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

Endorsement for the drydock survey

This is to certify that, at a survey required by 1.6 of the Code, this unit was found to comply with the relevant provisions of the Code.

First inspection:

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

Second inspection:

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement to extend the Certificate if valid for less than 5 years where 1.6.11.3 of the Code applies**

This unit complies with the relevant requirements of the Code, and this certificate should, in accordance with 1.6.11.3 of the Code, be accepted as valid until

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement where the renewal survey has been completed and 1.6.11.4 of the Code applies**

This unit complies with the relevant requirements of the Code, and this certificate should, in accordance with 1.6.11.4 of the Code, be accepted as valid until

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement to extend the validity of the certificate until reaching the port of survey where 1.6.11.5 of the Code applies**

This certificate should, in accordance with 1.6.11.5 of the Code, be accepted until

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**Endorsement for the advancement of the anniversary date where 1.6.11.7 of the Code applies**

In accordance with 1.6.11.7 of the Code, the new anniversary date is

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

In accordance with 1.6.11.7 of the Code, the new anniversary date is

Place \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_  
Surveyor  
American Bureau of Shipping

**MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE (1989)**

ISSUED UNDER THE PROVISIONS OF THE

**IMO CODE FOR THE CONSTRUCTION AND EQUIPMENT OF  
MOBILE OFFSHORE DRILLING UNITS, 1989  
AS AMENDED**

UNDER THE AUTHORITY OF THE GOVERNMENT OF

**THE REPUBLIC OF PANAMA**BY   
MERWYN R. OLIVERIA SURVEYOR, AMERICAN BUREAU OF SHIPPING



Distinctive Identification (name or number)	Type (1.3 of the Code)	Port of Registry
MODU Deepwater Horizon	Column Stabilized Drilling Unit	Panama

Date on which keel was laid or unit was at a similar stage of construction or on which major conversion was commenced 21 March 2000**THIS IS TO CERTIFY:**

1. That the above-mentioned unit has been duly surveyed in accordance with the applicable provisions of the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989.
2. That the survey showed that the structure, equipment, fittings, radio station arrangements and materials of the unit and the condition thereof are in all respects satisfactory and that the unit complies with the relevant provisions of the Code.
3. That the life-saving appliances provide for a total number of 146 persons and no more as follows:  
See Attachment
4. That, in accordance with 1.4 of the Code, the provisions of the Code are modified in respect of the unit in the following manner:
5. That this unit has been issued with an approval for the use of continuous survey techniques under 1.6.1.6 of the Code in lieu of periodical and intermediate surveys.  
Hull ☐  
Machinery ☐

\_\_\_\_\_  
n/a Signature and Seal of Approving Authority\_\_\_\_\_  
n/a Date of Continuous Survey Program ApprovalThis Certificate is valid until the 27th day of September 2002 Pending Technical review of modifications to staterooms, operations manual, and Safety and Fire Control PlanCompletion date of the survey on which this certificate is based: 27/06/02Issued at New Orleans, Louisiana  
(place of issue of Certificate)**ABS**

The undersigned declares that he is duly authorized by the said Government to issue this Certificate

  
Merwyn R. Oliveria Surveyor, American Bureau of Shipping  


Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027269

CONFIDENTIAL

TRN-MDL-00171790

**AMERICAN BUREAU OF SHIPPING**ABS Plaza - 18855 Northchase Drive  
Houston, TX 77060-6008

Page 2 of 2

REPORT No.: NO257980

Date: 27 JUNE 2002

Port: NEW ORLEANS, LOUISIANA

- c. The proof load was applied to the winch brake and dynamically tested by lowering the boat at maximum lowering speed and applying the winch brake at two (2) 10' increments. All were tested and considered satisfactory.
4. The following "Crew Sleeping Rooms" for miscellaneous ratings were modified from a two-man occupancy to a four-man occupancy: Cabin I.D. nos. 232, 233, 234, 237, 238, and 239. Cabin I.D. no. 242 was modified from a two-man berth to an office.
- a. The modified "Crew Sleeping Rooms" were confirmed to comply with the requirements as set forth in ILO Conventions 92, as instructed in the Panamanian DCMA Merchant Marine Circular No. 57.
- b. The rooms were measured and found with a minimum of 51 ft<sup>2</sup> of living space and 41 ft<sup>2</sup> of floor space.
- c. Crew is expecting to accommodate six (6) additional persons in the future. The Undersigned considers the three (3) rooms, which will be installed with two (2) additional berths, to be more than adequate and considered satisfactory to meet the requirements as set forth in ILO Conventions 92.
- d. An existing full term ILO Certificate of Inspection of Crew Accommodation issued by Balboa, Panama on 15 May 2001 and made valid until 30 March 2005 was sited on board, with the Record of Approved Accommodation Details (ILO PAN) issued by ABS Ulsan Report No. UL-10865, dated 23 February 2001, found attached.
- e. The last page of the Record of Approved Accommodation Details (ILO PAN) was issued and attached to the existing Record of Approved Accommodation Details issued by ABS Ulsan Report No. UL-10865 dated 23 February 2001, in order to make corrections to reflect the number of persons increased from 130 to 140 and the addition of berths in the "Crew Sleeping Rooms" located on the second level.
5. It is recommended that the modifications to the quarters, including the Operations Manual and Safety & Fire Control Plan be reviewed and approved by ABS Offshore Engineering Department by 27 September 2002 and prior to re-issuing a full term MODU Code Certificate made valid until 28 February 2006.
6. It is recommended that authorization from the Panama Maritime Authority be requested to permanently increase the number of persons from 130 to 140 by 27 September 2002 and prior to re-issuing the Full term MODU Code certificate and ILO Certificate of Inspection of Crew Accommodation made valid until 30 March 2005.
7. Upon satisfactory review and approval of the modifications by ABS Offshore Engineering Department and authorization by the Panama Maritime Authority, it is recommended that the ILO Certificate of Inspection of Crew Accommodation be re-issued to reflect the changes pending full term made valid until 30 March 2005.
8. An Interim ILO Certificate of Inspection of Crew Accommodation was issued to reflect 140 persons and made valid until 27 September 2002 pending review of the above modifications by ABS Offshore Engineering Department and authorization by the Panama Maritime Authority.
9. A MODU Code Safety Certificate was issued to reflect life-saving appliances provided for a total number of 146 persons and made valid until 27 September 2002 pending review and approval of the modifications, Operations Manual, and Safety & Fire Control Plan and authorization by the Panama Maritime Authority.

Mervyn R. Oliveria  
ABS  
NEW ORLEANS

AB 141S

Revision 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027270

CONFIDENTIAL

TRN-MDL-00171791



CONDITIONAL

MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE (1989)

ISSUED UNDER THE PROVISIONS OF THE

IMO CODE FOR THE CONSTRUCTION AND EQUIPMENT OF  
MOBILE OFFSHORE DRILLING UNITS, 1989

UNDER THE AUTHORITY OF THE GOVERNMENT OF

THE REPUBLIC OF PANAMA

BY: PETER M. MIDBOE

Surveyor, American Bureau of Shipping

Distinctive Identification (name or number)	Type (1.3 of the Code)	Port of Registry
DEEPWATER HORIZON H3SM/IMO#8764597	COLUMN STABILIZED DRILLING UNIT	PANAMA

Date on which keel was laid or unit was at a similar stage of construction or on which major conversion was commenced 21 MARCH 2000

THIS IS TO CERTIFY

That the above-mentioned unit has been duly surveyed in accordance with the applicable provisions of the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989.

- That the survey showed that the structure, equipment, fittings, radio station arrangements and materials of the unit and the condition thereof are in all respects satisfactory and that the unit complies with the relevant provisions of the Code.
- That the life-saving appliances provide for a total number of ONE HUNDRED FIFTY (150) persons and no more as follows:  
SEE ATTACHMENT FORMING PART OF THIS CERTIFICATE FOR FURTHER DETAILS.
- That, in accordance with 1.4 of the Code, the provisions of the Code are modified in respect of the unit in the following manner:
- That this unit has been issued with an approval for the use of continuous survey techniques under 1.6.1.6 of the Code in lieu of periodical and intermediate surveys.

Hull R1  
Machinery 11

Signature and Seal of Approving Authority

N/A

Date of Continuous Survey Program Approval

This Certificate is valid until the - 10th - day of FEBRUARY 2002.

Issued at GALVESTON, TEXAS  
(place of Issue of Certificate)



The undersigned declares that he is duly authorized by the said Government to issue this Certificate.

PETER M. MIDBOE, Surveyor, American Bureau of Shipping

MODU PAN

Revision 0

Page 1 of 2

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027271

CONFIDENTIAL

TRN-MDL-00171792



ATTACHMENT TO MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE-RECORD.  
ISSUED BY ABS GALVESTON AND DATED 10 AUGUST 2001.

#### LIFESAVING EQUIPMENT

ONE (1) TOTALLY ENCLOSED LIFEBOAT/RESUCE BOAT LOCATED FORWARD PORT AND  
CAPEABLE OF ACCOMODATING 65 PERSONS EACH.  
ONE (1) TOATALLY ENCLOSED LIFEBOAT LOCATED FORWARD STARBOARD AND CAPEABLE  
OF ACCOMODATING 65 PERSON EACH.  
TWO (2) TOATALLY ENCLOSED LIFEBOAT LOCATED FORWARD STARBOARD AND CAPEABLE  
OF ACCOMODATING 65 PERSON EACH.

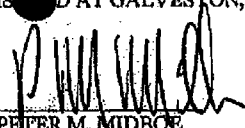
THREE (3) LIFERAFTS WITH DAVIT LAUNCHING ARRANGEMENTS LOCATED FORWARD AND  
CAPEABLE OF "FLOATING FREE", CAPACITY 25 PERSONS EACH.  
THREE (3) LIFERAFTS WITH DAVIT LAUNCHING ARRANGEMENTS LOCATED AFT AND  
CAPEABLE OF "FLOATING FREE", CAPACITY 25 PERSONS EACH.

TEN (10) EACH LIFEBOUOYS.  
ONE HUNDRED AND NINETY FIVE (195) LIFEJACKETS. ONE  
HUNDRED AND NINETY FIVE (195) SURVIVAL SUITS.

#### NAVIGATION EQUIPMENT

RADAR DIRECTION FINDER EXEMPTED AS PER LETTTER S-I/RAA, DATED 18 JANUARY 2001.  
MAGNETIC COMPASS SOLAS V, REG. 12(b)(i)(4) SUPERCEDED BY ABS NEW YORK  
REGULATORY AFFAIR'S E-MAIL DATED 13 FEB 01 AS 2 GYRO REPEATORS AVAILABLE  
TOGETHER COVERING 360 DEGRBE ARC.

ISSUED AT GALVESTON, TEXAS THIS 10<sup>TH</sup> DAY OF AUGUST 2001.

  
PETER M. MIDBOE  
SURVEYOR



0

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027272

CONFIDENTIAL

TRN-MDL-00171793



## TRANSMITTAL FORM

Department of Engineering and Construction  
5 Greenway Plaza, 3<sup>rd</sup> Floor – Houston, TX 77046 – (713) 232-7500

TO: Jeff Thomson – Park 10

FROM: Doug Kennedy

DATE: October 22, 2002

SUBJECT: Deepwater Horizon

The following technical documents are transmitted herewith for your action and/or information:

Article/Dwg. No.	Revision	No. of Copies	Title
H6087 AUN-1000	Alt. 0	1 (2 Sheets)	Safety and Fire Control Plan (ABS Approved 09/23/02)
		1 Copy	ABS Letter Dated 09/23/02 RE: Safety and Fire Control Plan

Please sign below and return to Transocean Offshore Deepwater Drilling, Inc.  
5 Greenway Plaza, 3<sup>rd</sup> Floor – Houston, Texas 77046 – Telefax No. (713) 232-7022

Received By: <i>Renf. Thomson</i>	Date: <i>Oct. 23, 2002</i>
-----------------------------------	----------------------------

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027273

CONFIDENTIAL

TRN-MDL-00171794



**ABS**  
**AMERICAS DIVISION**

CMN  
T-8-2  
P-39290  
REF -322865

23 September 2002

CSDU "Deepwater Horizon" ABSID  
0139290  
HHI Hull Q339

"Safety and Fire Control Plan"  
Dwg # H6087AUN1000 alt 0 2 shfs

Transocean Offshore Deepwater Drilling, Inc.  
4 Greenway Plaza  
P.O. Box 2765  
Houston, TX 77252-2765

Attn: Mr. Doug Kennedy

We have received your letter dated 12 September 2002 submitting copies of plans as listed therein on the above subject and with regard thereto have to advise that provided the details and arrangements be adhered to, the work is to the satisfaction of the Surveyors, and the Rules in all other respects are complied with, the same will be approved subject to the attached comments.

The subject drawings have also been reviewed for compliance with the applicable sections IMO Resolution A649 (XVI) "Code for the Construction and Equipment of Mobile Offshore Drilling Units (1989)." The arrangements and details as indicated are satisfactory subject to the work being carried out to the satisfaction of the surveyors.

As per your request the subject drawings have also been reviewed for compliance with UK DEN/HSE offshore Installations: Guidance on Design Construction, and Certification, Fourth Edition. Please note that as of 30 June 1998 these regulations are no longer being enforced. The arrangements and details as indicated are considered to be in compliance subject to the work being carried out to the satisfaction of the attending Surveyor.

Reviewed under the Norwegian Petroleum Directorate "Acts, Regulations and Provisions for the Petroleum Activities", 1997 Edition, as modified by the June 1, 1999 letter regarding the Use of Flag State Rules as Recognized Norms in the Petroleum Legislation, and for a Statement of Fact on the Design/Construction Level of Compliance"

The following comments are of an editorial nature and do not require resolution at this time; however, they are to be amended prior to the next revision of the drawing:

ABS PLAZA, 16655 NORTHCHASE DRIVE, HOUSTON, TX 77060-6008 USA  
TEL: 1-281-877-6000 FAX: 1-281-877-6001 EMAIL: abs-amer@eagle.org

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027274

CONFIDENTIAL

TRN-MDL-00171795



**ABS**  
**AMERICAS DIVISION**

Transocean  
CMN/LLH  
P-39290  
REF-322865  
20Sep02  
page 2 of 2

1. Emergency control stations are to be noted on the plan using the IMO symbol of a red "C" within a red box. For this review the emergency control stations were assumed to be the drill console, the central control room and the engine control room.
2. Storage location(s) of the two required portable combustible gas detectors is to be noted on the plan. For this review they were assumed to be present on the vessel based upon the previous approvals and Surveys.
3. Portable extinguishers of classification C-II are to be located outside workshop and similar spaces within 1 meter of the exit. For this review they were assumed to be present as indicated based upon the previous approvals and Surveys. (e.g. welding shop, machine shop, mech. shop, sub sea shop)

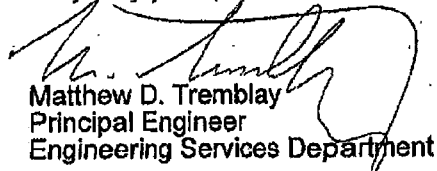
We advise that in accordance with the aforementioned regulations, a copy of these drawings should be permanently exhibited onboard the unit.

Two (2) copies of the drawings appropriately stamped to indicate our review in associations with the attached comments are being returned.

An invoice to cover the cost of our design review is enclosed.

If we may be of further assistance, please do not hesitate to contact Carol Newell at (281) 877-8226 or the undersigned at (281) 877-6476.

Very truly yours,

  
Matthew D. Tremblay  
Principal Engineer  
Engineering Services Department

cc: ABS New Orleans w/p

**ABS AMERICAS**  
A Division of the American Bureau of Shipping  
16855 Northchase Drive

Houston, TX 77060 United States  
PHONE: 1-281-877-6000  
FAX : 1-281-877-6001

VOICE #: 1003301320

BRANCH DEPT.#: 100330  
BRANCH/DEPT. NAME: HOUSTON-OFF-ENG

INVOICE DATE: 24-SEP-02

DUE DATE: On Receipt

CUSTOMER #: 185258

CONTRACT/  
PURCHASE ORDER#:

FEDERAL I.D. 13-4921556

LORI MASTERSON  
TRANSOCEAN OFFSHORE INC  
4 GREENWAY PLAZA  
P.O. BOX 2765  
HOUSTON TX 77252

**PAYMENT INSTRUCTIONS**

Please Provide Invoice Number  
or Remittance copy with your payment

ABSID: AO139290  
VESSEL NAME: DEEPWATER HORIZON

REPORT / PROJECT #: 1124959  
REPORT / PROJECT NAME:

LAST VISIT DATE:  
SERVICES AT:

INTERCOMPANY REF#  
(ABS USE ONLY)

**WIRE TRANSFER:**

CHASE BANK OF TEXAS, N.A.  
HOUSTON, TX 77262-8025 U.S.A.  
ABS AMERICAS  
ACCOUNT 0010-088-8180  
REFERENCE INVOICE NUMBER

**CHECKS:**

ABS AMERICAS  
P.O. BOX 201614  
HOUSTON, TX 77216-1614  
REFERENCE INVOICE NUMBER

ITEM	DESCRIPTION OF SERVICES / PRODUCTS PROVIDED	TAX@	FEES
1	Tech review of Safety and Fire Control Plan Dwg H6087AUN1000 rev. 0 2 shts client ltr 12Sep02 ABS ltr 238Sep02 P39290 ref. 322865	0.00	1,524.00

FOR FURTHER INFORMATION ON SERVICES PERFORMED PLEASE CONTACT: Newell, Carol M.

PLEASE REMIT	TOTAL FEES	USD	1,524.00
PAYMENT IN	TOTAL TAX	USD	0.00
CURRENCY BILLED.	TOTAL PAYABLE UPON RECEIPT	USD	1,524.00

**REVERSE SIDE FOR TERMS AND CONDITIONS**

Note - Unless otherwise mutually agreed in writing, all services, publication, and products provided and certificates issued in connection with this invoice are governed by the terms and conditions on the reverse side hereof.

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027276

CONFIDENTIAL

TRN-MDL-00171797



• Dave Edelson •  
• Z. Struik •  
• J. May •  
• ~~St. Thomas~~ ~~Porto~~

BLR  
T8-2  
P-39290NP  
Ref. 188310

13 September 2000

RBS-8D Semi-Submersible  
Dynamic Positioned Deepwater Horizon  
Hyundai Heavy Industries Hull Q339  
Safety System Design Philosophy, Rev. 2

R & B Falcon  
14701 St. Mary's 2<sup>nd</sup> Floor  
Houston, TX 77084

Attention: Mr. Ben Tillison

Gentlemen:

We have your letters of 23 August 2000 (Xmit No: 087-4213) submitting documentation as listed therein for the above subject and with regard thereto, have to advise that insofar as our requirements for classification are concerned, the arrangements and details as indicated appear to be satisfactory.

The subject documentation and drawings have also been reviewed for compliance with the applicable sections of IMO Resolution A649 (XVI) "Code for Construction and Equipment of Mobile Offshore Drilling Units, 1989". The arrangements and details as indicated are satisfactory subject to the work being carried out to the satisfaction of the attending Surveyor.

The plans have also been reviewed for compliance of the "U. S. Supplement to ABS Rules for Building and Classing Mobile Offshore Drilling Units", and the "U.S. Supplement to ABS Rules for Steel Vessels for Vessels on International Voyages". The arrangements and details as indicated appear to be in compliance with the Supplement, subject to the work being carried out to the satisfaction of the Surveyors.

As per your request the subject drawings have also been reviewed for compliance with UK DEN/HSE Offshore Installations: Guidance on design, Construction, and Certification, Fourth Edition. Please note that as of 30 June 1998 these regulations are no longer being enforced. The arrangements and details as indicated are considered to be in compliance subject to the work being carried out to the satisfaction of the attending Surveyor.

ABS PLAZA, 16855 NORTHCHASE DRIVE, HOUSTON, TX 77060-0008 USA  
TEL: 1-281-877-6000 FAX: 1-281-877-6001 EMAIL: abs-amer@eagle.org

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027277

CONFIDENTIAL

TRN-MDL-00171798



R & B Falcon  
13 September 2000  
Page 2 of 2

BLR  
T8-2  
P-39290NP  
Ref. 188310

Reviewed under the "Norwegian Petroleum Directorate. Acts, regulations and provisions for the petroleum activities", 1999 Edition, as modified by the June 1<sup>st</sup> 1999 letter regarding the Use of Flag State Rules as Recognized Norms in the Petroleum Legislation, and for a Statement of Fact on the Design/Construction Level of Compliance".

Thank you for commenting on ESD-2 and 3. Please be advised that comments E204 and E205 (Ref. 171336) are resolved.

One copy of the documents, appropriately stamped, will be returned.

If you have any questions or if we may be of further assistance please do not hesitate to contact Betty Rosen at (281) 877-6231 or the undersigned at (281) 877-6406.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Peter Haendler".

H. Peter Haendler  
Principal Engineer  
Engineering Services Department

cc: Corres.  
ABS Pusan - w/p  
ABS Ulsan (M. Michaud) - w/p  
OED - V. Liu  
USCG(MSC), Washington D.C.  
ACP (hold) - w/p  
Drawing File

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027278

CONFIDENTIAL

TRN-MDL-00171799

# Safety System Design Philosophy RBS8D Project "Deepwater Horizon"

REVIEWED  
as indicated in  
ABS Letter dated

SEP 13 2000

**ABS**  
HOUSTON

For compliance with the  
MODU CODE  
(IMO Resolution A.648)

## Document Revision History

Rev. & Date	Revision Description and Purpose	Prepared by:	Approved by:
rev. 2 23 AUG 00	Revised to meet ABS comments -- Deleted ESD 2	B. Tillison	J. May
rev. 1 08 MAR 00	Revised to meet ABS comments	B. Tillison	J. May
rev. 0 04 NOV 99	Initial Release -- Issued for Approval (IFA) by ABS et al	B. Tillison	J. May

23 August, 2000

Revision 2

Page 1 of 17

39290

188310

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027279

CONFIDENTIAL

TRN-MDL-00171800



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## Safety System Design Philosophy for the RBS8D Semi-Submersible Mobile Offshore Drilling Unit

### 1. General

The RBS8D semi-submersible Mobile Offshore Drilling Unit (MODU) will include a complete Safety System that will perform emergency detection and shutdown services designed to comply with all applicable Regulatory Body requirements and/or guidelines and to preserve human life and protect the vessel in critical situations. The Safety System will be designed with a commitment to keep the system as simple as possible and to reduce the number of components (detectors, etc.) that the vessel's crew must maintain.

Emergency conditions will be detected and alarmed in three key locations:

- Bridge / Central Control Room (CCR)
- Driller's Workstation (DWS) and
- Engine Control Room (ECR).

In response to emergency conditions, shutdown actions may be initiated automatically, or manually from the CCR, DWS, or ECR.

This design philosophy corresponds to ABS Document MSC/Cir.645 and MODU rule 4/3D4.1.1. (ref. IMO MODU Code, 1989 with amendments of 1991, Ch.6.5).

The principal emergency control point for all emergency incidents *other than toxic or combustible gas* on the RBS8D is the Bridge / Central Control Room (CCR) and these events will be controlled by the rig's Captain or Officer in Charge (OIC). The Engine Control Room (ECR) will be the alternate emergency control point if the CCR is not available.

Gas incidents will normally be controlled from the DWS by the duty Driller, Toolpusher, or Offshore Installation Manager (OIM), however in an emergency situation where the DWS must be abandoned, the responsible drilling crew member may take appropriate action from the other two control locations.

The Recreation Room (forward, second deck, amidships) has been designated as the vessel's Temporary Refuge area. The area on either side of the ECR (aft, second deck, amidships) has been designated as the secondary Temporary Refuge area.

There are two fire team muster points on the vessel. One fire team will muster at the Transit Room (helicopter waiting room), which is near the vessel's main Temporary Refuge. The second fire team will muster near the aft CO<sub>2</sub> room (aft, main deck, amidships). Fire team emergency equipment will be located in Emergency Lockers at the designated muster areas, as shown on the rig's General Arrangement and Emergency Plan drawings.

The CCR and ECR will be supplied with at least two separate means of communication, including a normal dial telephone and sound powered phones connected to the vessel's critical control points and work stations, including the main and secondary Temporary Refuge areas and the Fire Team muster points. The Fire Team muster points (also referred to as the Emergency Lockers) will therefore be equipped with both dial and sound-powered telephones, along with a number of hand-held VHF-FM radios that can communicate between the Fire Team members, Fire Team Leader, and the CCR, ECR, and DWS using the vessel's "Leaky Co-ax" system in areas where normal radio reception and transmission is prevented by the rig's structure.

## 2. Definitions

CCR	Bridge/Central Control Room
DCS	Drilling Control System
DWS	Driller's Workstation
DP	Dynamic Positioning / Dynamically Positioned
ECR	Engine Control Room
ESD	Emergency Shutdown
F&G	Fire and Gas
HVAC	Heating, Ventilation, and Air Conditioning
NRTL	Nationally Recognised Testing Laboratory
OIC	Officer in Command
OIM	Offshore Installation Manager

## 3. System Architecture

The Safety System will consist of two (2) independent systems. One system will perform Fire and Gas detection, and the other system will perform Emergency Shutdown (ESD) functions. Failure of one system will not affect the other system.

The Fire and Gas (F&G) detection system will consist of a supervisory level employing Kongsberg Simrad AIM2000 hardware and software and a fire detection subsystem employing Autronica BS100 hardware. The supervisory level will employ the same type of hardware used elsewhere in the vessel's Integrated Automation

and Control System (IACS). The supervisory level shall employ redundant processors and simplex Input/Output (I/O) structure. Detectors that are not individually addressable (such as flame and gas detectors) will be connected directly to this supervisory level using 4-20 mA analog loops. The fire detection subsystem will use an approved fire detection panel that uses individually addressable detectors on up to a maximum of sixteen (16) loops. The fire detection subsystem shall be approved by the Regulatory Bodies, and shall be listed for marine duty by the applicable Regulatory Body(s). The overall F&G system shall be approved for use on the RBS8D by the applicable Regulatory Body(s).

The Emergency Shutdown (ESD) system will also employ the Simrad AIM2000 hardware and software as used elsewhere in the vessel's Integrated Automation and Control System (IACS). The ESD system shall employ redundant processors and redundant Input/Output (I/O) structure.

The two segments of the overall Safety System will be interconnected with each other and with a dedicated Safety System Operator's Console by a dedicated dual redundant fiber-optic industrial network (Ethernet). The Safety System will further be connected to the vessel's Integrated Automation and Control System (IACS) by network bridge units between the dedicated Safety System network and the separate dual redundant IACS network. This connection will allow any Simrad Vessel Control (SVC) operator's station on the rig to monitor the Safety System.

Safety System data shall be communicated to the Driller's Workstation (DWS) system supplied by Hitec ASA to present a unified man-machine interface, thus easing the task of responding to emergency situations for the designated Responsible Personnel.

The Safety System will also include a total of three (3) remote repeater and Emergency Shutdown panels installed on the vessel, one each in the Bridge, the DWS, and the ECR. These panels shall provide a summary of alarms and provide a method of activating the vessel's ESD functions. The remote Repeater / ESD panels may be connected to the Safety System by point-to-point wiring, by connection to the dedicated Safety System network, or by a combination of both methods.

#### 4. Fire Detection System

The fire detection system shall be an integrated design, with a combination of manual alarm stations and heat, smoke, and flame detectors located throughout the vessel. The manual stations, smoke detectors, and heat detectors will be of the individually addressable type, and will be arranged in loops connected to an Autronica BS1000 fire alarm panel as described above. Flame detectors will

Autronica IR3-type and will be installed using individual 4-20-mA analog loops, wired into the supervisory portion of the Fire & Gas system.

Each compartment or space on the vessel will be an independent fire zone to allow quick identification of the exact location of an alarm point. Fire zones will be numbered with the cooperation of RBF, the shipyard, and the Safety System vendor(s).

Fire detector alarm response will be in accordance with Table No. 1 – Fire Alarm Responses. Normally, a fire alarm will be acknowledged by the Ballast Control Console Operator (BCCO) under the direction of the OIC, who will direct other personnel to respond to the alarm or to investigate the cause of an alarm and report on the situation. Based on information received by the BCCO or the OIC, subsequent alarms may be manually issued and ESD actions may be initiated or inhibited.

Audible and visual alarms will be issued automatically or manually in accordance with Table No. 1 and the Rules and Regulations applicable to the vessel. A detailed matrix of responses to alarms or other conditions will be established in the Safety System Cause and Effects Table for the vessel.

**Table 1 - Fire Alarm Responses**

	Audible alarm IACS	Visual alarm IACS	Audible alarm DWS station	Visual alarm DWS station	Audible CCR Matrix panel	Visual CCR Matrix panel	Audible ECR Matrix panel	Visual ECR Matrix panel	Audible DWS Matrix panel	Visual DWS Matrix panel	Audible alarm accommodation	Visual alarm accommodation	Audible alarm machinery	Visual alarm machinery	Audible alarm control spaces	Visual alarm control spaces	Audible alarm all areas (note 1)	Visual alarm all areas (note 1)
Manual - Quarters	X	X	X	X	X	X	X	X	X	X	X	X						
Manual - Other Areas	X	X	X	X	X	X	X	X	X	X			X	X	X	X		
Smoke/Thermal - Quarters	X	X	X	X	X	X	X	X	X	X	O	O					X	X
Flame - Qtrs (Smoking Rec. Rm.)	X	X	X	X	X	X	X	X	X	X	X	X						
Smoke/Thermal - Other Areas	X	X	X	X	X	X	X	X	X	X			O	O	O	O	X	X
Flame - Other Areas	X	X	X	X	X	X	X	X	X	X			X	X	X	X		

LEGEND: X – Single Detector or Manual Station  
O – Confirmed Fire (Multiple Detectors)

NOTES: 1. Issued if alarm is not acknowledged within the statutory period.

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## 5. Gas Detection System

The Safety System will include an approved gas detection system. The gas detection system shall consist of both combustible gas and toxic gas (hydrogen sulfide or H<sub>2</sub>S) detectors installed at various locations throughout the vessel and monitored by the Fire & Gas Detection portion of the Safety System.

Gas detectors will be located along the drilling mud path and in other locations where gas may be expected to appear as a result of drilling activities or where the presence or accumulation of gas poses exceptional risks. Combustible gas detectors will be located high to detect gasses that are normally lighter than air and toxic gas detectors will be located low to detect H<sub>2</sub>S, which is heavier than air.

Gas detectors will not require dedicated gas detector cards or input or monitoring arrangements, and will include self-diagnostic capabilities. Each detector will be connected as a 4-20 mA analog current loop to the supervisory portion of the Fire & Gas panel, which will be installed in the Port Process Equipment Room adjacent to the CCR.

As previously noted, the F&G detection system and the vessel's Integrated Automation and Control System (IACS) will be connected by network bridge units between the dedicated Safety System network and the separate dual redundant IACS network. Fire and gas detection data will also be communicated to the Drilling Control System (DCS) in the DWS from the IACS via serial link. The serial interfaces will communicate detailed information regarding the gas detectors' status, including Trouble, Alarm, and High Alarm conditions. This data shall be displayed graphically and in tabular form on the IACS consoles and the Cyberbase stations. The location and severity of the gas alarm shall be presented as an alarm banner at the top of the Cyberbase control screens.

All gas alarm events shall be automatically logged in the IACS history station and shall be printed for permanent record of the event.

As a minimum, both Combustible and Toxic (H<sub>2</sub>S) Gas Detectors will be installed in the following locations:

- Moon Pool Area, near the Diverter housing, just below the drill floor
- Drill Floor
- DWS and DER Purge Fan Air Intakes
- Driller's Workstation (Internal)
- Drilling Equipment Room (internal)
- Shaker / Mud Process Room
- Mud Pit Room
- Mud Pump Room
- Accommodations and Galley Ventilation Air Intakes

## Well-Test Area

Combustible Gas Detectors alone will be installed in the following locations:

- Engine Room Air Intakes
- Welding Shop (to detect acetylene leakage)
- Battery Room (to detect hydrogen accumulation)

Gas detector alarm response will be in accordance with Table No. 2 – Gas Alarm Responses. Activation of a gas detector will result in immediate audible and visual alarm in the CCR, ECR, and DWS. Alarms shall be acknowledged from the DWS or the alternate stations if the DWS is inaccessible. Gas alarms will be acknowledged by the Driller, who may direct other personnel to investigate and report, based on the location and severity of the gas alarm. Based on the reports received by the Driller, subsequent alarms may be manually issued.

**Table 2 - Gas Alarm Responses**

	Audible alarm IACS Consoles	Visual alarm IACS Consoles	Audible alarm H/sec Consoles	Visual alarm H/sec Consoles	Audible CCR Matrix panel	Visual CCR Matrix panel	Audible ECR Matrix panel	Visual ECR Matrix panel	Audible DWS Matrix panel	Visual DWS Matrix panel	Audible alarm all areas (note 1)	Visual alarm all areas (note 1)	Audible alarm all areas	Visual alarm all areas	Audible alarm all areas except quarters (note 1)	Visual alarm all areas except quarters (note 1)	Audible alarm all areas except quarters	Visual alarm all areas except quarters
Combustible Low - Quarters Intakes	X	X	X	X	X	X	X	X	X	X	X	X						
Combustible High - Quarters Intakes	X	X	X	X	X	X	X	X	X	X	X	X	O	O				
Combustible Low - shaker room	X	X	X	X	X	X	X	X	X	X						X		
Combustible Low - moon pool	X	X	X	X	X	X	X	X	X	X						X		
Combustible Low - drill floor	X	X	X	X	X	X	X	X	X	X						X		
Combustible Low - other areas	X	X	X	X	X	X	X	X	X	X						X		
Combustible High - shaker room	X	X	X	X	X	X	X	X	X	X					X	X	O	O
Combustible High - moon pool	X	X	X	X	X	X	X	X	X	X					X	X	O	O
Combustible High - drill floor	X	X	X	X	X	X	X	X	X	X					X	X	O	O
Combustible High - other areas	X	X	X	X	X	X	X	X	X	X					X	X	O	O
Toxic Low - Quarters Intakes	X	X	X	X	X	X	X	X	X	X	X	X	O	O				
Toxic High - Quarters Intakes	X	X	X	X	X	X	X	X	X	X	X	X	O	O				

Explanations: X = single actions, (single detector or manual station)  
O = confirmed, (more than one detector)

## Notes:

Note 1: Alarm in all areas if alarm not acknowledged within the statutory period.

## 6. Other F&G System Inputs and Outputs

### 6.1. Fixed CO<sub>2</sub> Fire Suppression Systems

The RBS8D will be equipped with a fixed CO<sub>2</sub> fire suppression system. The CO<sub>2</sub> fire suppression system will protect the control rooms, engine rooms, electrical equipment rooms, etc. as identified in Chapter 14 of the vessel's construction specifications, and shall employ Carbon Dioxide (CO<sub>2</sub>) gas as the active fire extinguishing agent, deployed as a total flooding system. Additionally, the generators and thruster motors, being totally enclosed water cooled designs, will include CO<sub>2</sub> machine enclosure flooding systems. The fixed CO<sub>2</sub> fire suppression systems for total flooding shall be connected to and monitored by the F&G system to assure that the CO<sub>2</sub> systems are as safe and effective as possible.

The CO<sub>2</sub> system is divided into a number of sub-systems, each of which protects a particular space or compartment. All of the CO<sub>2</sub> systems on the RBS8D are manually actuated. Automatic release of extinguishing agent is not employed. Further, release of agent requires two (2) separate and distinct manual actions, such as opening an enclosure door and pulling a handle, or operating two manual controls in sequence. The CO<sub>2</sub> extinguishing systems can only be activated from a location directly outside the protected space and from the centralized CO<sub>2</sub> bottle room serving the protected space.

Activation of the CO<sub>2</sub> release controls will initiate immediate audible and visual alarms and HVAC shutdowns. Audible alarms are provided by CO<sub>2</sub> pilot pressure. Visual alarms, as defined elsewhere in this document, will be controlled by the F&G system. After a minimum 30 second time delay to allow personnel that may be in the affected space time to respond to the visual and audible alarms and evacuate the space, the CO<sub>2</sub> is released. Note – the time delay is provided by a pneumatic device installed in the CO<sub>2</sub> system pilot system piping.

To allow the F&G system to monitor the CO<sub>2</sub> systems, there shall be an individual digital (ON/OFF) input to the F&G system to indicate when agent release has been initiated by actuation of any manual release. Additionally, there will be a pressure switch in the CO<sub>2</sub> discharge piping to confirm to the F&G system that agent has, in fact, been released.

### 6.2. Sprinkler System

The RBS8D will include an automatic sprinkler system in the accommodations block and a separate, manually activated structural fire protection deluge system to protect the drill floor support structure within the moonpool area. The sprinkler

system and deluge system shall include pressure or flow monitoring switches connected to the F&G system to indicate any time either of these systems have been activated and to automatically sound alarms and shutdown ventilation in the affected area if the sprinkler system is activated.

### 6.3. Foam System

The RBS8D will have a foam fire extinguishing system serving the helideck fire monitors and the helicopter fuel storage area. Flow or pressure monitoring and foam pump indication will be connected to the F&G system to indicate when this system has been actuated.

### 6.4. HVAC Interface

The F&G system will automatically shut down supply and exhaust ventilation equipment and close all fire dampers in the ventilation ducts or trunks leading to or from any space where CO<sub>2</sub> has been released, as indicated by the operation of one of the manual controls or when the sprinkler system has been activated, as indicated by flow or pressure switches in the four main zones of the sprinkler system.

Ventilation shutdowns will be effected by group or individual output points in the F&G system. These circuits shall be Normally Deenergized 120V AC output circuits (with line monitoring) connected to Interposing relays in the applicable motor starter or control panel. All control power for these circuits shall be derived within the F&G system.

Fire dampers will be fail-safe, spring closed, pneumatically opened types, in accordance with all Regulatory Body requirements applicable to the RBS8D. The fire dampers will be opened by rig air pressure, applied through normally energized solenoid valves with 120V AC coils, which shall in turn be connected to normally energized output points in the F&G system. All control power for these circuits shall be derived within the F&G system.

To minimize system complexity, wiring, etc., the shipyard is to group fire damper controls and shutdowns by using a single solenoid valve to control all of the dampers serving a single space wherever possible. For example, if a space is protected by CO<sub>2</sub> and is served by a single supply fan and a single exhaust fan, there will normally be two fire dampers, one each for the supply and exhaust fans. Using a single solenoid valve to control both dampers will both simplify the F&G system by removing a set of control wiring and assure that the space is isolated when a single circuit is tripped.



Fire dampers will be fitted with local position indication in accordance with ABS requirements. Remote position indication for fire dampers will not be included in the F&G system. The Norwegian Oil Directorate accepts this solution.

The detected conditions and/or events that cause automatic HVAC shutdowns are summarized in Table No. 3 – F&G Automatic HVAC Actions, below, and are detailed in the vessel's Safety System Cause & Effects Matrix.

**Table 3 - F&G Automatic HVAC Actions**

CAUSE	Close Accommodations Inlet Dampers (1)	Stop Accommodations Air Handlers (1)	Stop Accommodations Vent Fans (1)	Close Fire Dampers (1)	Stop Ventilation Fans Excl. Haz. Areas (1)	Stop DWS/DER Purge Fan(s)	Stop DWS/DER HVAC Unit(s)													
Manual - Quarters		X	X	X																
Manual - Other Areas					X	X														
Smoke/Thermal - Quarters		O	O	O																
Fire - Thruster Spaces				X	O															
Combustible Low - Quarters Intakes	O		O																	
Combustible High - Quarters Intakes	X	O	X																	
Combustible High - other areas					O															
Toxic Low - Quarters Intakes	X	O	X																	
Toxic High - Quarters Intakes	X	X	X																	
Combustible - DWS/DER Intakes								X												
Combustible - DWS/DER								X	X											
H2S - DWS/DER Intakes								X												
H2S - DWS/DER								X	X											

LEGEND: X – Single Detector or Manual Station  
O – Confirmed Event (Multiple Detectors or Manual Station)

Notes: 1. Equipment in the affected zone only.

## 7. Visual and Audible Alarm System

The vessel will have an integrated visual and audible alarm system to communicate emergency conditions to all appropriate personnel on the vessel, regardless of background conditions. Visual and audible alarms will be located in all machinery, shop, working, office, storage, and accommodations areas of the vessel.

### 7.1. Audible Alarms

Audible alarms will be generated by the vessel's Public Address and General Alarm (PA/GA) system, and will consist of separate sounds for Abandon Vessel, Fire and General Alarm, Combustible Gas, and Toxic Gas. The PA/GA system shall have sufficient amplifiers and speakers so that all alarms are clearly audible in all normally manned and unmanned spaces over the worst case machinery noise with any single amplifier or the nearest speaker inoperative. Speakers shall be suitable for the area where installed, and shall be located to assure redundant coverage of the entire vessel. Speakers shall comply with the requirements of all applicable Regulatory Bodies, including the UK HSE 4<sup>th</sup> Edition Guidelines. The areas or zones where audible alarms will be activated under a certain condition will be in accordance with Table No. 1 and Table No. 2, above, and the vessel's Safety System Cause and Effects Matrix.

Audible alarms tones or sounds will be:

- Abandon Vessel – equivalent to the continuous sounding of a bell
- Fire, and General Alarm – equivalent to the intermittent sounding of a bell
- Combustible Gas – continuous alarm tone
- Toxic Gas – warble tone

### 7.2. Visual Alarms

Visual alarms will be located so that they are visible under all ambient light levels, and will be designed to be visible from all working areas, with special attention to high noise areas such as engine rooms, pump rooms, compressor rooms, etc.. Visual alarms will consist of individual high intensity strobe lights for areas outside of the accommodations block. These strobe lights will be suitable for the area in which they are installed (weatherproof, explosion proof, etc.).

Within the accommodations block, visual alarms will consist of strobe lights arranged in approved signal columns. The signal columns will be located at each

end of the transverse and longitudinal corridors, so they are visible from the doorway of each office, recreation room, stateroom, or common use room, and the hospital. Additional signal columns will be located inside the messroom and other common use rooms such as the cinema, recreation rooms, gymnasium, etc..

The areas or zones where visual alarms will be activated under a certain condition will be in accordance with Table No. 1 and Table No. 2, above, and the vessel's Safety System Cause and Effects Matrix.

Visual alarms will be :

- Fire or General Alarm – Red
- Combustible Gas – Blue
- Toxic Gas – Yellow or Amber
- CO<sub>2</sub> Fire Extinguishing Agent Release – White or Clear

### 7.3. Ease of Conversion

The visual and audible alarm system will be designed and built to allow simple conversion of the company's standard signals to those developed for operations in the North Sea. Conversion shall be by re-programming or selector switch operation (must be available to authorized crew members, and must not require the intervention of a field service technician). Conversion of visual beacons shall be by simple lens change, again by rig personnel.

### 7.4. Testing

The Safety System and the PA/GA System will include provisions to periodically test the visual and audible alarms. Additionally, the systems will include provisions to suppress all alarms during tests or system maintenance. Alarm suppression will be controlled by a key-operated switch, and will generate a recurring alarm in the IACS system as long as the audible and visual alarms are suppressed.

### 7.5. Training System

A special set of visual and audible alarm signals will be installed in the Transit Room (helicopter waiting room). These signals will be used for training persons just coming on board the vessel. These training signals shall **only** be manually activated from a small control panel located in the room, and this control panel shall not activate any other signals on the rig.

## 8. Emergency Shutdown System

### 8.1. General

The overall Safety System will include an independent Emergency Shutdown (ESD) System. The functions provided by the ESD system will be in addition to the alarm and HVAC shutdown systems provided as a part of the F&G system to control fire and gas incidents, and other machinery shutdowns included in the Simrad Vessel Control (SVC) and Simrad Dynamic Positioning (SDP) portions of the IACS. The ESD system is required to comply with ABS requirements, as well as the requirements of other Regulatory Bodies, and is considered a critical requirement for the safety of the crew and the vessel in an emergency situation.

It is important to note that the ESD responses on a Dynamically Positioned (DP) MODU such as the RBS8D are different from the ESD philosophy employed on MODUs that are not DP. On a DP MODU, there is generally not a single top level shutdown level that stops all engines and disconnects all possible sources of ignition in case of an uncontrolled well blowout. Instead of this type of shutdown, a DP MODU will perform an emergency disconnect from the wellhead and escape the hazardous area in such a case.

The centralized portion of the ESD system will be located in the starboard process equipment room, adjacent to the CCR. The Fire & Gas system will be interfaced with the ESD system to allow operation of certain HVAC shutdown or Fire Damper control functions from the ESD system.

Remote ESD stations will be combined with the F&G repeater panels described above, providing the rig's emergency situation managers (OIC, OIM, BCCO, Driller, etc.) with a quick summary of the nature and location of the safety event, as well as a way to quickly effect any necessary ESD action(s). Remote ESD Stations shall consist of a series of push buttons that are hard-wired to provide the functions listed in the vessel's Safety System Cause & Effects Matrix. All ESD pushbuttons shall be protected from inadvertent operation by guards, shrouds, or equivalent means approved by RBF. ESD pushbutton wiring will be normally de-energized with line monitoring to protect against line break, short circuit, or ground fault.

Additionally, the ESD system may be controlled from any Safety System console of the IACS, using appropriate password protection.

### 8.2. ESD Hierarchy

The ESD system for the RBS8D will employ a simple two-tier hierarchical structure, as shown in Table 4 – ESD Hierarchy, below. There will *not* be a single pushbutton

to activate all Group 1 (Power Plant) or Group 2 (Propulsion) shutdowns, while there will be single pushbuttons to activate all Group 3 (HVAC/Oil XFER), and Group 4 (Drill Floor) shutdowns.

**Table 4 -- ESD Hierarchy**

1 <sup>st</sup> Tier	2 <sup>nd</sup> Tier	Description
ESD 1-1		Engine Room # 1 ESD
ESD 1-2		Engine Room # 2 ESD
ESD 1-3		Engine Room # 3 ESD
ESD 1-4		Engine Room # 4 ESD
ESD 1-5		Engine Room # 5 ESD
ESD 1-6		Engine Room # 6 ESD
ESD 2-1		Thruster # 1 ESD
ESD 2-2		Thruster # 2 ESD
ESD 2-3		Thruster # 3 ESD
ESD 2-4		Thruster # 4 ESD
ESD 2-5		Thruster # 5 ESD
ESD 2-6		Thruster # 6 ESD
ESD 2-7		Thruster # 7 ESD
ESD 2-8		Thruster # 8 ESD
ESD 3		HVAC / Oil Xfer ESD
	ESD 3-1	Air Cond Inlet Dampers Close
	ESD 3-2	P/F 2 <sup>nd</sup> Deck Qtrs HVAC ESD
	ESD 3-3	P/F 3 <sup>rd</sup> Deck Qtrs HVAC ESD
	ESD 3-4	S/F 2 <sup>nd</sup> Deck Qtrs HVAC ESD
	ESD 3-5	P/F 3 <sup>rd</sup> Deck Qtrs HVAC ESD
	ESD 3-6	P/F Machinery Spaces HVAC ESD
	ESD 3-7	S/F Machinery Spaces HVAC ESD
	ESD 3-8	P/A Machinery Spaces HVAC ESD
	ESD 3-9	S/A Machinery Spaces HVAC ESD
	ESD 3-10	AFT/MID HVAC ESD
	ESD 3-11	Hazardous Area HVAC ESD
	ESD 3-12	Oil XFER ESD
ESD 4		Drill Floor Shutdown

### 8.3. ESD Summary

Table 5 -- ESD Summary, provides an overview of the ESD actions for each ESD on the RBS8D. This table is provided only as a summary of the type of ESD actions that will result when a given pushbutton on one of the ESD panels is actuated, and is not meant to replace the detailed Cause & Effects Chart for the vessel.

Table 5 - ESD Summary

	Trip Generator C/B (1)	Engine Emergency Stop (1)	Stop Electrically Driven Fuel Pump (1)	Stop Electrically Driven Lube Oil Pumps (1)	Stop Engine Room Supply Fan (1)	Stop Engine Room Exhaust Fan (1)	Close Fire Dampers (1)	Thrustor Converter Emergency Stop (1)	Stop Thruster Auxiliaries (1)	Close AirCon AHU Gas-Tight Inlet Dampers (1)	Close Duct-Mounted Fire Dampers (1)	Trip AHU and Compressor/Condenser Pkg (1)	Trip MCC # 4	Trip MCC # 3	Trip MCC # 6	Trip MCC # 5	Trip MCC # 29	Stop Fuel / Lube / Base Oil XFER Pumps	Stop All Drill Floor Equipment (2)
ESD 1-1 - Engine Room # 1 ESD (Button)	X	X	X	X	X	X	O												
ESD 1-2 - Engine Room # 2 ESD (Button)	X	X	X	X	X	X	O												
ESD 1-3 - Engine Room # 3 ESD (Button)	X	X	X	X	X	X	O												
ESD 1-4 - Engine Room # 4 ESD (Button)	X	X	X	X	X	X	O												
ESD 1-5 - Engine Room # 5 ESD (Button)	X	X	X	X	X	X	O												
ESD 1-6 - Engine Room # 6 ESD (Button)	X	X	X	X	X	X	O												
ESD 2-1 - Thruster # 1 Shutdown (Button)								X	X										
ESD 2-2 - Thruster # 2 Shutdown (Button)								X	X										
ESD 2-3 - Thruster # 3 Shutdown (Button)								X	X										
ESD 2-4 - Thruster # 4 Shutdown (Button)								X	X										
ESD 2-5 - Thruster # 5 Shutdown (Button)								X	X										
ESD 2-6 - Thruster # 6 Shutdown (Button)								X	X										
ESD 2-7 - Thruster # 7 Shutdown (Button)								X	X										
ESD 2-8 - Thruster # 8 Shutdown (Button)								X	X										
ESD 3 - HVAC / Oil Xfer ESD (Button)										X		X	X	X	X	X	X	X	
ESD 3-1 - Air Cond Inlet Dampers Close (Button)										X		X							
ESD 3-2 - P/F 2nd Deck Qtrs HVAC ESD (Button)										X	X								
ESD 3-3 - P/F 3rd Deck Qtrs HVAC ESD (Button)										X	X								
ESD 3-4 - S/F 2nd Deck Qtrs HVAC ESD (Button)										X	X								
ESD 3-5 - P/F 3rd Deck Qtrs HVAC ESD (Button)										X	X								
ESD 3-6 - P/F Machinery Spaces HVAC ESD (Button)													X						
ESD 3-7 - S/F Machinery Spaces HVAC ESD (Button)														X					
ESD 3-8 - P/A Machinery Spaces HVAC ESD (Button)															X				
ESD 3-9 - S/A Machinery Spaces HVAC ESD (Button)																X			
ESD 3-10 - AFT/MID HVAC ESD (Button)												X							
ESD 3-11 - Hazardous Area HVAC ESD (Button)																	X		
ESD 3-12 - Oil XFER ESD (Button)																		X	
ESD 4 - Drill Floor Shutdown																			X

LEGEND: X – Any Single Pushbutton Activated  
O – Combined Event (Any Pushbutton AND Confirmed Fire)

Notes: 1. Associated Equipment Only (effect is typical for several units)  
2. Shutdown drilling drives, central HPU, DER and DWS power, etc.

## 9. DWS and DER Purge/Pressurization and ESD Philosophy

The DWS and DER are located within the perimeter of the derrick, a Zone 2 hazardous area. The DWS and DER will be supplied with a purge and pressurization system that complies with ABS MODU rules and NFPA 496 (latest edition of each). The purge system shall be a Type Z purge, which renders an enclosure's contents safe in a Zone 2 area.

The DWS and DER will each be provided with two (2) fully redundant pressurization fans. These fans shall be 100% redundant, with the second fan starting automatically upon failure of the lead fan. The purge/pressurization fans will be located in a safe area, above the drawworks shed, and their output shall be ducted to the associated house. Additionally, each house will be provided with two (2) fully redundant split type Air Conditioning (A/C) systems. The air handlers will be installed within the associated house, and the explosion-proof condensing units will be located on the roof of the house it serves.

The purge/pressurization fans and the air conditioners will be supplied with 460V AC power from the HVAC panel in each house. Each fan or A/C unit will have a separate power feeder so that a failure of a single switchboard or MCC will not cause both fans or both A/C units to fail. The power sources for each purge/pressurization fan shall be located in safe (non-classified) areas.

Upon loss of pressurization, the gas-tight inlet damper shall close, and an audible and visual alarm shall be activated in both houses. As the DER may be normally unmanned, it is imperative that a purge failure in the DER be alarmed in the DWS. The duty Driller will be the person responsible for determining the cause for the loss of pressurization and to take steps to restore pressurization. The A/C systems will continue to operate unless turned off by the order of the duty Driller.

Upon detection of combustible gas or low level H<sub>2</sub>S gas concentration in the DWS or DER air intake, the inlet air dampers shall be automatically closed by the F&G system to isolate the space inside the DWS from the external gas source. The pressurizing fans shall be immediately, automatically shutdown by the F&G system and a visual and audible alarm shall be immediately initiated. The duty Driller shall be prepared to manually shutdown all electrical equipment not rated for hazardous duty operation. This shutdown shall be effected by a single button, ESD 4, on the ESD panels.

The emergency and lighting equipment and emergency signaling equipment (visual and audible alarms) within the DWS and DER shall be listed by an approved Nationally Recognized Testing Laboratory (NRTL) for operation in a Zone 2 area.

Prepared by:  
Ben Tillison  
23 August, 2000

23 August, 2000

Revision 2

Page 17 of 17

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027295

CONFIDENTIAL

TRN-MDL-00171816



IOPP

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027296

CONFIDENTIAL

TRN-MDL-00171817

# COPY

Supplement No.: 0139290-689370-013

Deadweight: 0

FORM A

## SUPPLEMENT TO THE INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE (IOPP CERTIFICATE)

### RECORD OF CONSTRUCTION AND EQUIPMENT FOR SHIPS OTHER THAN TANKERS

In respect of the provisions of Annex I of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto (hereinafter referred to as "the Convention").

**Notes:**

- 1 This form is to be used for the third type of ships as categorised in the IOPP Certificate, i.e. "ships other than any of the above." For oil tankers and ships other than oil tankers with cargo tanks coming under regulation 2(2) of Annex I of the Convention, Form B shall be used.
- 2 This record shall be permanently attached to the IOPP Certificate. The IOPP Certificate shall be available on board the ship at all times.
- 3 If the language of the original Record is neither English nor French, the text shall include a translation into one of these languages.
- 4 Entries in boxes shall be made by inserting either a cross (x) for the answer "yes" and "applicable" or a dash (-) for the answer "no" and "not applicable" as appropriate.
- 5 Regulation mentioned in this Record refer to regulations of Annex I of the Convention and resolutions refer to those adopted by the International Maritime Organisation.

**1. Particulars of ship**

- |   |                   |
|---|-------------------|
| 1.1 Name of ship:   | DEEPWATER HORIZON |
| 1.2 Distinctive number or letters:  | 2213 V7HC9        |
| 1.3 Port of registry:   | Majuro            |
| 1.4 Gross tonnage:  | 32588             |
| 1.5 Date of build:  |                   |
| 1.5.1 Date of building contract:  |                   |
| 1.5.2 Date on which keel was laid or ship was at similar stage of construction: | 21 March 2000     |
| 1.5.3 Date of delivery:   | 23 February 2001  |
| 1.6 Major conversion (if applicable):   |                   |
| 1.6.1 Date of conversion contract:  |                   |
| 1.6.2 Date on which conversion was commenced:                                   |                   |
| 1.6.3 Date of completion of conversion:   |                   |

## 1.7 Status of ship:

1.7.1 New ship in accordance with regulation 1(6)

1.7.2 Existing ship in accordance with regulation 1(7)

1.7.3 The ship has been accepted by the Administration as an "existing ship" under regulation 1(7) due to unforeseen delay in delivery.

X
-
-

## 2. Equipment for the control of oil discharge from machinery space bilges and oil fuel tanks (regulations 10 and 16)

## 2.1 Carriage of ballast water in oil fuel tanks:

2.1.1 The ship may, under normal conditions, carry ballast water in oil fuel tanks

-
---

## 2.2 Type of oil filtering equipment fitted:

2.2.1 Oil filtering (15 ppm) equipment (regulation 16(4))

2.2.2 Oil filtering (15 ppm) equipment with alarm and automatic stopping device (regulation 16(5))

-
X

## 2.3 The ship is allowed to operate with the existing equipment until 6 July 1998 (regulation 16(6)) and is fitted with:

2.3.1 Oily-water separating (100 ppm) equipment

2.3.2 Oil filtering (15 ppm) equipment without alarm

2.3.3 Oil filtering (15 ppm) equipment with alarm and manual stopping device

-
-
-

## 2.4 Approval standards:

## 2.4.1 The separating /filtering equipment:

.1 has been approved in accordance with resolution A.393(X)

.2 has been approved in accordance with resolution MEPC.60(33)

.3 has been approved in accordance with resolution A.233(VII)

.4 has been approved in accordance with national standards not based upon resolution A.393(X) or A.233(VII)

.5 has not been approved

.6 has been approved in accordance with resolution MEPC.107(49)

-
X
-
-

## 2.4.2 The process unit has been approved in accordance with resolution A.444(XI)

-
-
-

## 2.4.3 The oil content meter:

.1 has been approved in accordance with resolution A.393(X)

.2 has been approved in accordance with resolution MEPC.60(33)

.3 has been approved in accordance with resolution MEPC.107(49)

-
X
-

2.5 Maximum throughput of the system is: 5.0 m<sup>3</sup>/h

2.6 Waiver of regulation 16:

\* Refer to Recommendation on international performance and test specifications of oily-water separating equipment and oil content meters adopted by the Organization on 14 November 1977 by resolution A.393(X), which superseded resolution A.233(VII); see IMO sales publication IMO-808E. Further reference is made to the Guidelines and specifications for pollution prevention equipment for machinery space bilges adopted by the Marine Environment Protection Committee of the Organization by resolution MEPC.60(33), which, effective on 6 July 1993, superseded resolutions A.393(X) and A.444(XI); see also IMO sales publication IMO-848E.

2.6.1 The requirements of regulation 16(1) or (2) are waived in respect of the ship in accordance with regulation 16(3)(a). The ship is engaged exclusively on voyages within special area(s):

2.6.2 The ship is fitted with holding tank(s) for the total retention on board of all oily bilge waters follows;

[illegible]

3. Means for retention and disposal of oil residues (sludge)(regulation 17) and bilge water holding tank(s)\*

**3.1 The ship is provided with oil residue (sludge) tanks as follows:**

Tank Identification	Tank Location		Volume (m <sup>3</sup> )
	Frames (from) - (to)	Lateral Position	
Port Waste Oil Holding Tank.	12 - 13	P/Aft Column. 24m flat	6
Stbd Waste Oil Holding Tank	12 - 13	S/Aft Column. 24m flat	5
P/O Purif Sludge Tank	6 - 7	P/Upper Hull. 34m flat	0.32
P/DO Purif Sludge Tank	7 - 8	P/Upper Hull. 34m flat	1.22
S/DO Purif Sludge Tank	7 - 8	S/Upper Hull. 34m flat.	1.22
Total volume:			12.78 m <sup>3</sup>

**3.2 Means for disposal of residues in addition to the provisions of sludge tanks:**

3.2.1 Incinerator for oil residues, capacity: \_\_\_\_\_ l/h

### 3.2.2 Auxillary boiler suitable for burning oil residues

3.2.3 Tank for mixing oil residues with fuel oil, capacity: \_\_\_\_\_ m<sup>3</sup>

\* Bilge water holding tank(s) are not required by the Convention, entries in the table under paragraph 3.3. are voluntary.

3.2.4 Other acceptable means: Portable Tanks for carriage ashore



3.3 The ship is fitted with holding tank(s) for the retention on board of oily bilge water as follows:

Tank Identification	Tank Location		Volume (m <sup>3</sup> )
	Frames (from) - (to)	Lateral Position	
Port Separator Tank	12 - 13	Port Aft Column 28.5m Flat.	13.1
Stbd Separator Tank	12 - 13	Stbd aft Column 28.5m flat.	13.1
Stbd Bilge Holding Tank.	10 - 11	Stbd Pontoon. 5.12m flat	4.6
Port Bilge holding tank	10 - 11	Port Pontoon. 5.12m flat.	4.6
Total volume:			35.4 m <sup>3</sup>

## 4. Standard discharge connection (regulation 19)

4.1 The ship is provided with a pipeline for the discharge of residues from machinery bilges to reception facilities, fitted with a standard connection in accordance with regulation 19



## 5. Shipboard oil pollution emergency plan (regulation 26)

5.1 The ship is provided with shipboard oil pollution emergency plan in compliance with regulation 26



## 6. Exemption

6.1 Exemptions have been granted by the administration from the requirements of chapter II of Annex I of the Convention in accordance with regulation 2(4)(a) on those items listed under paragraph(s):



\_\_\_\_\_ of this Record.

## 7. Equivalents (regulation 3)

7.1 Equivalents have been approved by the Administration for certain requirements of Annex I listed under paragraph(s):



\_\_\_\_\_ of this Record.

**This Is To Certify** that this Record is correct in all respects.

Issued at Morgan City

On 18 January 2006



IOPPC-A



O2K Rev 1

 Gee, Martin, Morgan City Port  
 Surveyor, American Bureau of Shipping

Page 4 of 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027300

CONFIDENTIAL

TRN-MDL-00171821

Certificate No.: 0139290-669370-003  
Deadweight: 0

## INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE

THIS CERTIFICATE SHALL BE SUPPLEMENTED BY A RECORD OF CONSTRUCTION AND EQUIPMENT

ISSUED UNDER THE PROVISIONS OF THE

INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS, 1973,  
AS MODIFIED BY THE PROTOCOL OF 1978 RELATING THERETO AND AS AMENDED BY RESOLUTION MEPC.39(29)  
(HEREINAFTER REFERRED TO AS "THE CONVENTION")

UNDER THE AUTHORITY OF THE GOVERNMENT OF

**Republic of Marshall Islands**

(name of the State)

by **Gee, Martin**

Surveyor, American Bureau of Shipping

### Particulars of Ship

Name of Ship	Distinctive Number or Letters	Port of Registry	Gross Tonnage <sup>1</sup> a) According to footnote 2 b) According to footnote 3	Deadweight of ship (metric tons) <sup>4</sup>	IMO Number
<b>DEEPWATER HORIZON</b>	2213 V7HC9	Majuro	32588	N/A	8764597

### Type of Ship<sup>1</sup>

~~Oil tanker~~

~~Ship other than an oil tanker with cargo tanks coming under Regulation 2(2) of Annex I of the Convention~~

Ship other than any of the above

### THIS IS TO CERTIFY:

1. That the ship has been surveyed in accordance with Regulation 4 of Annex I of the Convention;
2. That the survey shows that the structure, equipment, systems, fittings, arrangement and material of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.

This Certificate is valid only when Supplement A Issued at Morgan City on 18th Jan 2006 is attached.

This certificate is valid until 28 February 2011 <sup>5</sup> subject to surveys in accordance with Regulation 4 of Annex I of the Convention.

# COPY

Completion date of the survey on which this certificate is based: 2nd January 2006

Issued at Morgan City on 02 January 2006

Place of issue of certificate

Date of issue



Gee, Martin, Morgan City Port

Surveyor, American Bureau of Shipping

<sup>1</sup> Delete as appropriate

<sup>2</sup> The above gross tonnage has been determined in accordance with the International Convention on Tonnage Measurement of Ships, 1969.

<sup>3</sup> The above gross tonnage has been determined by the authorities of the Administration in accordance with the national tonnage rules which were in force prior to the coming into force for existing ships of the International Convention on Tonnage Measurement of Ships, 1969.

<sup>4</sup> For oil tankers.

<sup>5</sup> This Insert the date of expiry as specified by the Administration in accordance with regulation 8(1) of Annex I of the Convention. The day and the month of date corresponds to the anniversary date as defined in regulation 1(31) of Annex I of the Convention, unless amended in accordance with regulation 8(8) of Annex I of the Convention.

Certificate No.: 0139290-669370-003  
Deadweight: 0

### ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

THIS IS TO CERTIFY that, at a survey required by Regulation 4 of Annex 1 of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Annual Survey:

Signed:



Place:

Date:

(seal or stamp of the authority, as appropriate)

**COPY**

OFFSHORE MORGAN CITY  
16 JAN 2007

Annual Survey/Intermediate Survey

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

(seal or stamp of the authority, as appropriate)

Annual Survey/Intermediate Survey

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

(seal or stamp of the authority, as appropriate)

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

(seal or stamp of the authority, as appropriate)

Delete as appropriate

COPY

Certificate No.: 0138290-669370-003

Deadweight: 0

## INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE

THIS CERTIFICATE SHALL BE SUPPLEMENTED BY A RECORD OF CONSTRUCTION AND EQUIPMENT

ISSUED UNDER THE PROVISIONS OF THE

INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS, 1973,  
AS MODIFIED BY THE PROTOCOL OF 1978 RELATING THERETO AND AS AMENDED BY RESOLUTION MEPC.39(29)  
(HEREINAFTER REFERRED TO AS "THE CONVENTION")

UNDER THE AUTHORITY OF THE GOVERNMENT OF

Republic of Marshall Islands

(name of the State)

by Gee, Martin

Surveyor, American Bureau of Shipping

### Particulars of Ship

Name of Ship	Distinctive Number or Letters	Port of Registry	Gross Tonnage <sup>1</sup> a) According to footnote 2 b) According to footnote 3	Deadweight of ship (metric tons) <sup>4</sup>	IMO Number
DEEPWATER HORIZON	2213 V7HC9	Majuro	32588	N/A	8764597

### Type of Ship<sup>1</sup>

~~Oil tanker~~  
~~Ship other than an oil tanker with cargo tanks coming under Regulation 2(2) of Annex I of the Convention~~  
Ship other than any of the above

### THIS IS TO CERTIFY:

- That the ship has been surveyed in accordance with Regulation 4 of Annex I of the Convention;
- That the survey shows that the structure, equipment, systems, fittings, arrangement and material of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.

This Certificate is valid only when Supplement A Issued at Morgan City on 18th Jan 2006 is attached.

This certificate is valid until 28 February 2011 <sup>5</sup> subject to surveys in accordance with Regulation 4 of Annex I of the Convention.

Completion date of the survey on which this certificate is based: 2nd January 2006

Issued at Morgan City on 02 January 2006

Place of issue of certificate

Date of Issue



Gee, Martin, Morgan City Port

Surveyor, American Bureau of Shipping

1 Delete as appropriate

2 The above gross tonnage has been determined in accordance with the International Convention on Tonnage Measurement of Ships, 1969.

3 The above gross tonnage has been determined by the authorities of the Administration in accordance with the national tonnage rules which were in force prior to the coming into force for existing ships of the International Convention on Tonnage Measurement of Ships, 1969.

4 For oil tankers.

5 This insert the date of expiry as specified by the Administration in accordance with regulation 8(1) of Annex I of the Convention. The day and the month of date corresponds to the anniversary date as defined in regulation 1(31) of Annex I of the Convention, unless amended in accordance with regulation 8(8) of Annex I of the Convention.

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027303

CONFIDENTIAL

TRN-MDL-00171824



Certificate No.: 0139290-669370-003  
Deadweight: 0

### ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

**THIS IS TO CERTIFY** that, at a survey required by Regulation 4 of Annex I of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Annual Survey: Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*(seal or stamp of the authority, as appropriate)*

Annual Survey/Intermediate Survey Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*(seal or stamp of the authority, as appropriate)*

Annual Survey/Intermediate Survey Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*(seal or stamp of the authority, as appropriate)*

Annual Survey: Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*(seal or stamp of the authority, as appropriate)*

\* Delete as appropriate

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02K Rev 1

Page 2 of 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027304

CONFIDENTIAL

TRN-MDL-00171825

Certificate No.: 0139290-669370-003

Deadweight: 0

**Annual/intermediate survey\* in accordance with Regulation 8(8)(c)**

**THIS IS TO CERTIFY** that, at an annual /intermediate survey\* in accordance with Regulation 8(8)(c) of Annex I of the Convention, the ship was found to comply with the relevant provisions of the Convention.

Signed: \_\_\_\_\_

Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(seal or stamp of the authority, as appropriate)

**Endorsement to extend the Certificate if valid for less than 5 years where Regulation 8(3) applies**

The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with Regulation 8(3) of Annex I of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(seal or stamp of the authority, as appropriate)

**Endorsement where the renewal survey has been completed and Regulation 8(4) applies**

The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with Regulation 8(4) of Annex I of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(seal or stamp of the authority, as appropriate)

**Endorsement to extend the validity of the Certificate until reaching the port of survey or for a period of grace where Regulation 8(5) or 8(6)\* applies**

This Certificate shall, in accordance with regulation 8(5) / 8(6)\* of Annex I of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(seal or stamp of the authority, as appropriate)

\* Delete as appropriate

Certificate No.: 0139290-669370-003  
Deadweight: 0

Endorsement for advancement of anniversary date where Regulation 8(8) applies

In accordance with Regulation 8(8) of Annex II of the Convention, the new anniversary date is \_\_\_\_\_

Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

(seal or stamp of the authority, as appropriate)

Date: \_\_\_\_\_

In accordance with Regulation 8(8) of Annex II of the Convention, the new anniversary date is \_\_\_\_\_

Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

(seal or stamp of the authority, as appropriate)

Date: \_\_\_\_\_

# INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE

THIS CERTIFICATE SHALL BE SUPPLEMENTED BY A RECORD OF CONSTRUCTION AND EQUIPMENT

ISSUED UNDER THE PROVISIONS OF THE  
INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS, 1973,  
AS MODIFIED BY THE PROTOCOL OF 1978 RELATING THERETO AND AS AMENDED BY RESOLUTION MEPC.39(29)  
(HEREINAFTER REFERRED TO AS "THE CONVENTION")

UNDER THE AUTHORITY OF THE GOVERNMENT OF

**REPUBLIC OF PANAMA**

(name of state)

by **E.L. BECHE**  
(Surveyor, American Bureau of Shipping)

## Particulars of Ship

Name of Ship	Distinctive Number or Letters	Port of Registry	Gross Tonnage <sup>1</sup> a) According to footnote 2 b) According to footnote 3	Deadweight of ship (metric tons) <sup>4</sup>	IMO Number
DEEPWATER HORIZON	H3SM	PANAMA	32,588	N/A	8764597

## Type of ship

Oil tanker

Ship other than an oil tanker with cargo tanks coming under Regulation 2(2) of Annex I of the Convention

Ship other than any of the above

## THIS IS TO CERTIFY:

1. That the ship has been surveyed in accordance with Regulation 4 of Annex I of the Convention;  
That the survey shows that the structure, equipment, systems, fittings, arrangement and material of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.

This Certificate is valid until 28 FEBRUARY 2006 subject to surveys in accordance with Regulation 4 of Annex I of the Convention.<sup>5</sup>

This Certificate is valid only when Supplement Form A issued at HOUSTON, TEXAS on 05 JUNE 2001 is attached.

Issued at HOUSTON, TEXAS  
(Place of Issue of Certificate)



**ABS**

05 JUNE 2001  
(Date of Issue)

E.L. BECHE Surveyor, American Bureau of Shipping

<sup>1</sup> Delete as appropriate

<sup>2</sup> The above gross tonnage has been determined in accordance with the International Convention on Tonnage Measurement of Ships, 1969.

<sup>3</sup> The above gross tonnage has been determined by the authorities of the Administration in accordance with the national tonnage rules which were in force prior to the coming into force for existing ships of the International Convention on Tonnage Measurement of Ships, 1969.

<sup>4</sup> For oil tankers.

<sup>5</sup> Insert the date of expiry as specified by the Administration in accordance with regulation 8(1) of Annex I of the Convention. The day and the month of this date corresponds to the anniversary date as defined in regulation 1(31) of Annex I of the Convention, unless amended in accordance with regulation 8(8) of Annex I of the Convention.

## ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

**THIS IS TO CERTIFY** that, at a survey required by Regulation 4 of Annex I of the Convention, the ship was found to comply with the relevant provisions of the Convention:

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

*(Seal or Stamp of the authority, as appropriate)*

Annual Survey/Intermediate Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

*(Seal or Stamp of the authority, as appropriate)*

Annual Survey/Intermediate Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

*(Seal or Stamp of the authority, as appropriate)*

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

*(Seal or Stamp of the authority, as appropriate)*

\* Delete as appropriate

88 HSSC IOPPC

Revision 0

Page 2 of 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027308

CONFIDENTIAL

TRN-MDL-00171829

**SUPPLEMENT TO THE INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE**  
**(IOPP CERTIFICATE)**

**RECORD OF CONSTRUCTION AND EQUIPMENT**  
**FOR SHIPS OTHER THAN TANKERS**

In respect of the provisions of Annex I of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto (hereinafter referred to as "the Convention").

**Notes:**

- 1 This form is to be used for the third type of ships as categorised in the IOPP Certificate, i.e. "ships other than any of the above." For oil tankers and ships other than oil tankers with cargo tanks coming under regulation 2(2) of Annex I of the Convention, Form B shall be used.
- 2 This record shall be permanently attached to the IOPP Certificate. The IOPP Certificate shall be available on board the ship at all times.
- 3 If the language of the original Record is neither English nor French, the text shall include a translation into one of these languages.
- 4 Entries in boxes shall be made by inserting either a cross ( x ) for the answer "yes" and "applicable" or a dash ( - ) for the answer "no" and "not applicable" as appropriate.
- 5 Regulation mentioned in this Record refer to regulations of Annex I of the Convention and resolutions refer to those adopted by the International Maritime Organisation.

**1. Particulars of ship**

- 1.1 Name of ship: DEEPWATER HORIZON
- 1.2 Distinctive number or letters: H3SM/IMO#8764597
- 1.3 Port of registry: PANAMA
- 1.4 Gross tonnage: 32,588
- 1.5 Date of build:
  - 1.5.1 Date of building contract: 23 June 1999
  - 1.5.2 Date on which keel was laid or ship was at similar stage of construction: 21 March 2000
  - 1.5.3 Date of delivery: 23 February 2001
- 1.6 Major conversion (if applicable):
  - 1.6.1 Date of conversion contract: N/A
  - 1.6.2 Date on which conversion was commenced: N/A
  - 1.6.3 Date of completion of conversion: N/A

## 1.7 Status of ship:

- 1.7.1 New ship in accordance with regulation 1(6) ☒
- 1.7.2 Existing ship in accordance with regulation 1(7) ☐
- 1.7.3 The ship has been accepted by the Administration as an "existing ship" under regulation 1(7) due to unforeseen delay in delivery ☐

## 2. Equipment for the control of oil discharge from machinery space bilges and oil fuel tanks (regulations 10 and 16)

## 2.1 Carriage of ballast water in oil fuel tanks:

- 2.1.1 The ship may, under normal conditions, carry ballast water in oil fuel tanks ☐

## 2.2 Type of oil filtering equipment fitted:

- 2.2.1 Oil filtering (15 ppm) equipment (regulation 16(4)) ☐
- 2.2.2 Oil filtering (15 ppm) equipment with alarm and automatic stopping device (regulation 16(5)) ☒

## 2.3 The ship is allowed to operate with the existing equipment until 6 July 1998 (regulation 16(6)) and is fitted with:

- 2.3.1 Oily-water separating (100 ppm) equipment ☐
- 2.3.2 Oil filtering (15 ppm) equipment without alarm ☐
- 2.3.3 Oil filtering (15 ppm) equipment with alarm and manual stopping device ☐

## 2.4 Approval standards\*:

## 2.4.1 The separating /filtering equipment:

- .1 has been approved in accordance with resolution A.393(X) ☐
- .2 has been approved in accordance with resolution MEPC.60(33) ☒
- .3 has been approved in accordance with resolution A.233(VII) ☐
- .4 has been approved in accordance with national standards not based upon resolution A.393(X) or A.233(VII) ☐
- .5 has not been approved ☐

2.4.2 The process unit has been approved in accordance with resolution A.444(XI) ☐

## 2.4.3 The oil content meter:

- .1 has been approved in accordance with resolution A.393(X) ☐
- .2 has been approved in accordance with resolution MEPC.60(33) ☒

2.5 Maximum throughput of the system is: 5.0 m<sup>3</sup>/h

\* Refer to Recommendation on International performance and test specifications of oily-water separating equipment and oil content meters adopted by the Organization on 14 November 1977 by resolution A.393(X), which superseded resolution A.233(VII); see IMO sales publication IMO-608E. Further reference is made to the Guidelines and specifications for pollution prevention equipment for machinery space bilges adopted by the Marine Environment Protection Committee of the Organization by resolution MEPC.60(33), which, effective on 6 July 1993, superseded resolutions A.393(X) and A.444(XI); see also IMO sales publication IMO-648E.

## 2.6 Waiver of regulation 16:

2.6.1 The requirements of regulation 16(1) or (2) are waived in respect of the ship in accordance with regulation 16(3)(a). The ship is engaged exclusively on voyages within special area(s):

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2.6.2 The ship is fitted with holding tank(s) for the total retention on board of all oily bilge waters follows:

Tank Identification	Tank Location		Volume (m <sup>3</sup> )
	Frames (from) - (to)	Lateral Position	
Total volume			m <sup>3</sup>

3. Means for retention and disposal of oil residues (sludge)(regulation 17) and bilge water holding tank(s)

3.1 The ship is provided with oil residue (sludge) tanks as follows:

Tank Identification	Tank Location		Volume (m³)
	Frames (from) - (to)	Lateral Position	
Port Waste Oil Holding	12-13	P/Aft Column 24 M Flat	5
Stbd. Waste Oil Holding	12-13	S/Aft Column 24 M Flat	5
P/L.O. Purif. Sludge Tk	6-7	P/Upper Hull 34.M Flat	0.32
P/D.O. Purif. Sludge Tk	7-8	P/Upper Hull 34. M Flat	1.22
S/L.O. Purif. Sludge Tk	7-8	S/Upper 34. M Flat	1.22
Total volume			12.76 m³

3.2 Means for disposal of residues in addition to the provisions of sludge tanks:

3.2.1 Inclinerator for oil residues, capacity: \_\_\_\_\_ l/h

3.2.2 Auxiliary boiler suitable for burning oil residues

3.2.3 Tank for mixing oil residues with fuel oil, capacity: \_\_\_\_\_ m<sup>3</sup>

3.2.4 Other acceptable means: \_\_\_\_\_

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Bilge water holding tank(s) are not required by the Convention, entries in the table under paragraph 3.3. are voluntary.



3.3 The ship is fitted with holding tank(s) for the retention on board of oily bilge water as follows:

Tank Identification	Tank Location		Volume (m <sup>3</sup> )
	Frames (from) - (to)	Lateral Position	
Starboard & Port Separator Tank	12-13	Aft Column 28.5 M Flat	13.1 m <sup>3</sup> (each)
Starboard & Port Bilge Holding Tank	10-11	Aft Pontoon	4.8 m <sup>3</sup> (each)
Total volume			35.4 m <sup>3</sup>

4. Standard discharge connection (regulation 19)

4.1 The ship is provided with a pipeline for the discharge of residues from machinery bilges to reception facilities, fitted with a standard connection in accordance with regulation 19



5. Shipboard oil pollution emergency plan (regulation 26)

5.1 The ship is provided with shipboard oil pollution emergency plan in compliance with regulation 26



6. Exemption

6.1 Exemptions have been granted by the administration from the requirements of chapter II of Annex I of the Convention in accordance with regulation 2(4)(a) on those items listed under paragraph(s): \_\_\_\_\_ of this Record



7. Equivalents (regulation 3)

7.1 Equivalents have been approved by the Administration for certain requirements of Annex I listed under paragraph(s) \_\_\_\_\_ of this Record



**THIS IS TO CERTIFY** that this Record is correct in all respects.

Issued at HOUSTON, TEXAS the 05 day of JUNE 2001



*E.L. Beche*  
E.L. BECHE Surveyor, American Bureau of Shipping

# **ADDENDUM TO "SUPPLEMENT TO THE INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE" UL-11921-X-2**

In accordance with MARPOL Regulation 14.2, when circumstances are such that the unit is required to stay at sea for extended periods of time, the following ballast tanks may by means of detachable spools be converted to carry fuel oil:

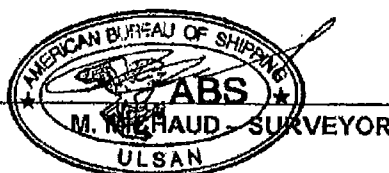
<u>TANK</u>	<u>FRAMES</u>	<u>LOCATION</u>	<u>VOL.</u>
SWBT 7P/FOT 1P	33-35	PORT PONTOON	397 M <sup>3</sup>
SWBT 7S/FOT 1S	33-35	STBD PONTOON	397 M <sup>3</sup>
SWBT 13P/FOT 4P	11-13	PORT PONTOON	397 M <sup>3</sup>
SWBT 13S/FOT 4S	11-13	STBD PONTOON	397 M <sup>3</sup>

After fuel oil has been carried in any tank and prior to re-converting for utilization for ballast water, the tanks are to be cleaned in accordance with the instructions as contained in the Marine Operation Manual for the Unit-Section 7.1.14 refers. Dirty tank cleaning water shall be retained onboard in barrels to be transported to a reception facility ashore or discharged to an attendant vessel for transportation to an onshore reception facility. All such operations shall be documented in the Oil Record Book.

## **Additional Equipment Details**

Oil in Water Analyser	1 Port & Stbd Turner Designs Model TD-4100-XD with Bubble Trap, Class 1 Div. 1	USCG Approval No. 162050/3026/0
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**ISSUED AT ULSAN, KOREA THIS 30<sup>th</sup> DAY OF MARCH 2001.**



11

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027314

CONFIDENTIAL

TRN-MDL-00171835

**INTERNATIONAL LOAD LINE CERTIFICATE**

ISSUED UNDER THE PROVISIONS OF THE  
INTERNATIONAL CONVENTION ON LOAD LINES, 1966,  
AS MODIFIED BY THE PROTOCOL OF 1988 RELATING THERETO  
UNDER THE AUTHORITY OF THE GOVERNMENT OF

**Republic of Marshall Islands**

(name of the State)

**Gea, Martin**

Surveyor, American Bureau of Shipping

**Particulars of Ship**

Name of Ship	Distinctive Number or Letters	Port of Registry	Length(L) as defined in Article 2(8)	IMO Number <sup>1</sup>
DEEPWATER HORIZON	2213 V7HC9	Majuro	114 m	8764597

Freeboard assigned as: New

Type of Ship: Type B

Freeboard from Deck Line 6510 mm

Load Line

Tropical	N/A	(T)	N/A	above (S)
Summer	N/A	(S)	Upper edge of line through center of ring	
Winter	N/A	(W)	N/A	below (S)
Winter North Atlantic	N/A	(WNA)	N/A	below (S)
Timber tropical	N/A	(LT)	N/A	above (LS)
Timber summer	N/A	(LS)	N/A	above (S)
Timber winter	N/A	(LW)	N/A	below (LS)
Timber winter North Atlantic	N/A	(LWNA)	N/A	below (LS)

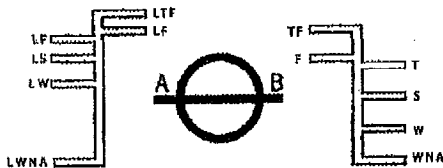
Allowance for fresh water for all freeboards other than timber

N/A

For timber freeboards

N/A

The upper edge of the deck line from which these freeboards are measured is: 28500 mm Below The Top of Upper Steel deck at side.

**COPY**

<sup>1</sup> In accordance with the IMO Ship Identification Number Scheme, adopted by resolution A.600(15).

Certificate No.: 0130290-715055-002

Deadweight: 0


**THIS IS TO CERTIFY:**

1. That the ship has been surveyed in accordance with the requirements of article 14 of the Convention.
2. That the survey showed that the freeboards have been assigned and load lines shown above have been marked in accordance with the Convention.

This certificate is valid until 28 February 2011 <sup>2</sup> Subject to the annual surveys in accordance with article 14(1)(c) of the Convention.

Completion date of the survey on which this certificate is based: 11th June 2008

Issued at Offshore Morgan City on 11 June 2008  
*Place of issue of certificate* *Date of issue*

  
**ABS**  
Gee, Martin, Morgan City Port  
Surveyor, American Bureau of Shipping

**NOTES:**

1. When a ship departs from a port situated on a river or inland waters, deeper loading shall be permitted corresponding to the weight of fuel and all other materials required for consumption between the point of departure and the sea.
2. When a ship is in fresh water of unit density the appropriate load line may be submerged by the amount of fresh water allowance shown above. Where the density is other than unity, an allowance shall be made proportional to the difference between 1.025 and the actual density.

**COPY**



- <sup>2</sup> Insert the date of expiry as specified by the Administration in accordance with article 19(1) of the Convention. The day and the month of this date correspond to the anniversary date as defined in article 2(5) of the Convention, unless amended in accordance with article 19(8) of the Convention.

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027316

CONFIDENTIAL

TRN-MDL-00171837

Certificate No.: 0139290-715055-002

Deadweight: 0

### ENDORSEMENT FOR ANNUAL SURVEYS

THIS IS TO CERTIFY that, at an annual survey required by article 19(8)(c) of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Annual Survey:

Signed:

Place:

Date:



Surveyor, American Bureau of Shipping

(OFFSHORE) MORCAY CITY  
1st JAN 2007

Annual Survey:

Signed:

Place:

Date:

Surveyor, American Bureau of Shipping

Annual Survey:

Signed:

Place:

Date:

Surveyor, American Bureau of Shipping

Annual Survey:

Signed:

Place:

Date:

Surveyor, American Bureau of Shipping

**COPY**

### ANNUAL SURVEY IN ACCORDANCE WITH ARTICLE 19(8)(c)

THIS IS TO CERTIFY that, at a survey in accordance with article 19(8)(c) of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Signed:

Place:

Date:

Surveyor, American Bureau of Shipping

*Endorsement to extend the certificate if valid for less than 5 years where article 19(3) applies*

The ship complies with the relevant requirements of the Convention, and this certificate shall, in accordance with article 19(3) of the Convention, be accepted as valid until \_\_\_\_\_

Signed:

Place:

Date:

Surveyor, American Bureau of Shipping



**ABS**

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027317

CONFIDENTIAL

TRN-MDL-00171838

**INTERNATIONAL LOAD LINE CERTIFICATE**

ISSUED UNDER THE PROVISIONS OF THE  
INTERNATIONAL CONVENTION ON LOAD LINES, 1966,  
AS MODIFIED BY THE PROTOCOL OF 1988 RELATING THERETO

UNDER THE AUTHORITY OF THE GOVERNMENT OF

**Republic of Marshall Islands**

(name of the State)

**Gee, Martin**

Surveyor, American Bureau of Shipping

**Particulars of Ship**

Name of Ship	Distinctive Number or Letters	Port of Registry	Length(L) as defined in Article 2(8)	IMO Number <sup>1</sup>
DEEPWATER HORIZON	2213 V7HC9	Majuro	114 m	8764597

Freeboard assigned as: New

Type of Ship: Type B

Freeboard from Deck Line 5510 mm

Load Line

Tropical	N/A	(T)	N/A	above (S)
Summer	N/A	(S)	Upper edge of line through center of ring	
Winter	N/A	(W)	N/A	below (S)
Winter North Atlantic	N/A	(WNA)	N/A	below (S)
Timber tropical	N/A	(LT)	N/A	above (LS)
Timber summer	N/A	(LS)	N/A	above (S)
Timber winter	N/A	(LW)	N/A	below (LS)
Timber winter North Atlantic	N/A	(LWNA)	N/A	below (LS)

Allowance for fresh water for all freeboards other than timber

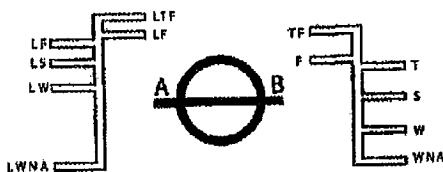
N/A

For timber freeboards

N/A

The upper edge of the deck line from which these freeboards are measured is: 28500 mm Below The Top of Upper Steel

deck at side.



**COPY**

<sup>1</sup> In accordance with the IMO Ship Identification Number Scheme, adopted by resolution A.800(15).

Certificate No.: 0139290-715055-002

Deadweight: 0


**THIS IS TO CERTIFY:**

1. That the ship has been surveyed in accordance with the requirements of article 14 of the Convention.
2. That the survey showed that the freeboards have been assigned and load lines shown above have been marked in accordance with the Convention.

This certificate is valid until 28 February 2011 <sup>2</sup> Subject to the annual surveys in accordance with article 14(1)(c) of the Convention.

Completion date of the survey on which this certificate is based: 11th June 2006

Issued at Offshore Morgan City on 11 June 2006  
*Place of issue of certificate* *Date of issue*

  
Gee, Martin, Morgan City Port  
Surveyor, American Bureau of Shipping

**NOTES:**

1. When a ship departs from a port situated on a river or inland waters, deeper loading shall be permitted corresponding to the weight of fuel and all other materials required for consumption between the point of departure and the sea.
2. When a ship is in fresh water of unit density the appropriate load line may be submerged by the amount of fresh water allowance shown above. Where the density is other than unity, an allowance shall be made proportional to the difference between 1.025 and the actual density.

**COPY**



2. Insert the date of expiry as specified by the Administration in accordance with article 19(1) of the Convention. The day and the month of this date correspond to the anniversary date as defined in article 2(8) of the Convention, unless amended in accordance with article 19(8) of the Convention.

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027319

CONFIDENTIAL

TRN-MDL-00171840



# COPY

Certificate No.: 0139290-669370-002

Deadweight: 0

## SHORT TERM INTERNATIONAL LOAD LINE CERTIFICATE

ISSUED UNDER THE PROVISIONS OF THE  
INTERNATIONAL CONVENTION ON LOAD LINES, 1966,  
AS MODIFIED BY THE PROTOCOL OF 1988 RELATING THERETO

UNDER THE AUTHORITY OF THE GOVERNMENT OF

**Republic of Marshall Islands**

(name of the State)

**Gee, Martin**

Surveyor, American Bureau of Shipping

### Particulars of Ship

Name of Ship	Distinctive Number or Letters	Port of Registry	Length(L) as defined in Article 2(8)	IMO Number <sup>1</sup>
DEEPWATER HORIZON	2213 V7HC9	Majuro	114 m	8764597

Freeboard assigned as: New

Type of Ship: Type B

Freeboard from Deck Line 5510 mm			Load Line	
Tropical	N/A	(T)	N/A	above (S)
Summer	N/A	(S)	Upper edge of line through center of ring	
Winter	N/A	(W)	N/A	below (S)
Winter North Atlantic	N/A	(WNA)	N/A	below (S)
Timber tropical	N/A	(LT)	N/A	above (LS)
Timber summer	N/A	(LS)	N/A	above (S)
Timber winter	N/A	(LW)	N/A	below (LS)
Timber winter North Atlantic	N/A	(LWNA)	N/A	below (LS)

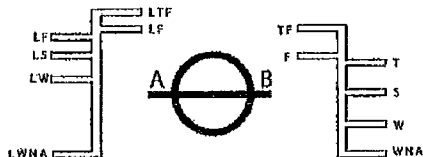
Allowance for fresh water for all freeboards other than timber

N/A

For timber freeboards

N/A

The upper edge of the deck line from which these freeboards are measured is: 28500 mm Opposite THE TOP OF COLUMN FLAT Steel deck at side.



<sup>1</sup> In accordance with the IMO Ship Identification Number Scheme, adopted by resolution A.800(15).

Certificate No.: 0139290-889370-002

Deadweight: 0

**THIS IS TO CERTIFY:**

1. That the ship has been surveyed in accordance with the requirements of article 14 of the Convention.
2. That the survey showed that the freeboards have been assigned and load lines shown above have been marked in accordance with the Convention.

This certificate is valid until 31 July 2006 <sup>2</sup> Subject to the annual surveys in accordance with article 14(1)(c) of the Convention.

Completion date of the survey on which this certificate is based: 18th Jan 2006.

Issued at Morgan City on 02 January 2006  
*Place of issue of certificate* *Date of issue*



Gee, Martin, Morgan City Port  
*Surveyor, American Bureau of Shipping*

**NOTES:**

1. When a ship departs from a port situated on a river or inland waters, deeper loading shall be permitted corresponding to the weight of fuel and all other materials required for consumption between the point of departure and the sea.
2. When a ship is in fresh water of unit density the appropriate load line may be submerged by the amount of fresh water allowance shown above. Where the density is other than unity, an allowance shall be made proportional to the difference between 1.025 and the actual density.



<sup>2</sup> Insert the date of expiry as specified by the Administration in accordance with article 19(1) of the Convention. The day and the month of this date correspond to the anniversary date as defined in article 2(9) of the Convention, unless amended in accordance with article 19(8) of the Convention.

**ENDORSEMENT FOR ANNUAL SURVEYS**

**THIS IS TO CERTIFY** that, at an annual survey required by article 14(1)(c) of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

**ANNUAL SURVEY IN ACCORDANCE WITH ARTICLE 19(8)(c)**

**THIS IS TO CERTIFY** that, at a survey in accordance with article 19(8)(c) of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

*Endorsement to extend the certificate if valid for less than 5 years where article 19(3) applies*

The ship complies with the relevant requirements of the Convention, and this certificate shall, in accordance with article 19(3) of the Convention, be accepted as valid until \_\_\_\_\_

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:



Certificate No.: 0139290-669370-002

Deadweight: 0

*Endorsement where the renewal survey has been completed and article 19(4) applies*

The ship complies with the relevant requirements of the Convention, and this certificate shall, in accordance with article 19(4) of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*Endorsement to extend the validity of the certificate until reaching the port of survey or for a period of grace where article 19(5) or 19(6) applies.*

This certificate shall, in accordance with article 19(5)/19(6)<sup>3</sup> of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*Endorsement for advancement of anniversary date where article 19(8) applies*

In accordance with article 19(8) of the Convention, the new anniversary date is \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

In accordance with article 19(8) of the Convention, the new anniversary date is \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_



<sup>3</sup> Delete as appropriate

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Page 4 of 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027323

CONFIDENTIAL

TRN-MDL-00171844

# INTERNATIONAL LOAD LINE CERTIFICATE

ISSUED UNDER THE PROVISIONS OF THE  
INTERNATIONAL CONVENTION ON LOAD LINES, 1966,  
AS MODIFIED BY THE PROTOCOL OF 1988 RELATING THERETO

UNDER THE AUTHORITY OF THE GOVERNMENT OF

**REPUBLIC OF THE MARSHALL ISLANDS**

(name of the State)

**E.L. BECHE**

Surveyor, American Bureau of Shipping

## Particulars of Ship

Name of Ship	Distinctive Number or Letters	Port of Registry	Length(L) as defined in Article 2(8) (in meters)	IMO Number <sup>1</sup>
<b>DEEPWATER HORIZON</b>	<b>2213</b>	<b>MAJURO</b>	<b>114.0</b>	<b>8764597</b>

Freeboard assigned as:

\* A new ship  
An existing ship

Type of Ship:

\* Type "A"  
Type "B"  
Type "B" with reduced freeboard  
Type "B" with increased freeboard

\* Delete whatever is inapplicable

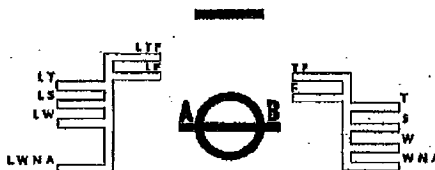
## Freeboard from Deck Line To Center of Ring 5510mm

Tropical	N/A	mm (T)
Summer	N/A	mm (S)
Winter	N/A	mm (W)
Winter North Atlantic	N/A	mm (WNA)
Timber tropical	N/A	mm (LT)
Timber summer	N/A	mm (LS)
Timber winter	N/A	mm (LW)
Timber winter North Atlantic	N/A	mm (LWNA)
Allowance for fresh water for all freeboards other than timber	N/A	mm
For timber freeboards	N/A	mm

## Load Line

	N/A	mm above (S)
Upper edge of line through center of ring	N/A	mm below (S)
	N/A	mm below (S)
	N/A	mm above (LS)
	N/A	mm above (S)
	N/A	mm below (LS)
	N/A	mm below (LS)

The upper edge of the deck line from which these freeboards are measured is: opposite top of column 28,500 mm FLAT deck at side



<sup>1</sup> In accordance with the IMO Ship Identification Number Scheme, adopted by resolution A.600(15).

**THIS IS TO CERTIFY:**

1. That the ship has been surveyed in accordance with the requirements of article 14 of the Convention.
2. That the survey showed that the freeboards have been assigned and load lines shown above have been marked in accordance with the Convention.

This certificate is valid until 28<sup>th</sup> FEBRUARY 2006<sup>2</sup> subject to the annual surveys in accordance with article 14(1)(c) of the Convention.

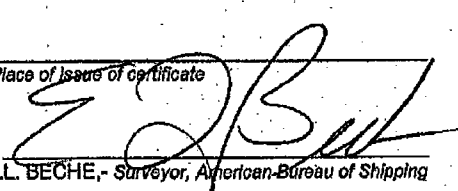
Completion date of the survey on which this certificate is based: 23<sup>Rd</sup> February 2001

Issued at HOUSTON, TEXAS

*Place of issue of certificate*

10<sup>th</sup> JUNE 2005

*Date of issue*

  
E.L. BECHE, - Surveyor, American-Bureau of Shipping

**NOTES:**

1. When a ship departs from a port situated on a river or inland waters, deeper loading shall be permitted corresponding to the weight of fuel and all other materials required for consumption between the point of departure and the sea.
2. When a ship is in fresh water of unit density the appropriate load line may be submerged by the amount of fresh water allowance shown above. Where the density is other than unity, an allowance shall be made proportional to the difference between 1.025 and the actual density.



<sup>2</sup> Insert the date of expiry as specified by the Administration in accordance with article 19(1) of the Convention. The day and the month of this date correspond to the anniversary date as defined in article 2(9) of the Convention, unless amended in accordance with article 19(8) of the Convention.

## ENDORSEMENT FOR ANNUAL SURVEYS

**THIS IS TO CERTIFY** that, at an annual survey required by article 4(1)(c) of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

Annual Survey:

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

## ANNUAL SURVEY IN ACCORDANCE WITH ARTICLE 19(8)(c)

**THIS IS TO CERTIFY** that, at a survey in accordance with article 19(8)(c) of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:

*Endorsement to extend the certificate if valid for less than 5 years where article 19(3) applies*

The ship complies with the relevant requirements of the Convention, and this certificate shall, in accordance with article 19(3) of the Convention, be accepted as valid until \_\_\_\_\_

Signed:

Surveyor, American Bureau of Shipping

Place:

Date:



**ABS**

*Endorsement where the renewal survey has been completed and article 19(4) applies*

The ship complies with the relevant requirements of the Convention, and this certificate shall, in accordance with article 19(4) of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*Endorsement to extend the validity of the certificate until reaching the port of survey or for a period of grace where article 19(5) or 19(6) applies.*

This certificate shall, in accordance with article 19(5)/19(6)<sup>3</sup> of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*Endorsement for advancement of anniversary date where article 19(8) applies*

In accordance with article 19(8) of the Convention, the new anniversary date is \_\_\_\_\_

Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_

In accordance with article 19(8) of the Convention, the new anniversary date is \_\_\_\_\_

Signed: \_\_\_\_\_  
Surveyor, American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_



<sup>3</sup> Delete as appropriate





Certificado No. 0139290-1  
Certificate No.

# **CERTIFICADO INTERNACIONAL DE LINEAS DE CARGA (1966)** **INTERNATIONAL LOAD LINE CERTIFICATE (1966)**

Expedido en virtud de las disposiciones de la Convención de Líneas de Carga de 1966, bajo la autoridad del Gobierno de la  
Issued under the provisions of the International Convention on Load Lines, 1966, under the authority of the Government of the

**REPUBLIC OF PANAMA**

por el / by the American Bureau of Shipping

Nombre del Buque Name of Ship	Número o Letras Distintivas Distinctive Number or Letters	Puerto de Matrícula Port of Registry	Largo (L.) conforme a la definición en el Artículo 2(8) Length (L.) as defined in Article 2(8)
DEEPWATER HORIZON	H38M/IMO#8764597	PANAMA	114.0 M

Franco-bordo  
asignado como: \*  
Freeboard  
Assigned as

Buque nuevo  
A new ship  
Buque previamente construido  
A pre-existing ship

Tipo de Buque: \*  
Type of Ship

Tipo "A"  
Type "A"  
Tipo "B"  
Type "B"  
Tipo "B" con franco-bordo reducido  
Type "B" with reduced freeboard  
Tipo "B" con franco-bordo aumentado  
Type "B" with increased freeboard

\*Tache a línea que no se aplique al caso  
Delete whatever is inapplicable

Franco-bordo desde la línea de cubierta  
Freeboard from deck line TO CENTER OF RING 6510 mm

Tropical	N/A	mm.	(T)
Tropical	N/A	mm.	(V)
Verano	N/A	mm.	(I)
Summer	N/A	mm.	(IAN)
Invierno	N/A	mm.	(MT)
Winter	N/A	mm.	(MV)
Invierno en el Atlántico del Norte	N/A	mm.	(MI)
Winter North Atlantic	N/A	mm.	(MIAN)
Tropical (Madera)	N/A	mm.	
Timber Tropical	N/A	mm.	
Verano (Madera)	N/A	mm.	
Timber Summer	N/A	mm.	
Invierno (Madera)	N/A	mm.	
Timber Winter	N/A	mm.	
Invierno en el Atlántico del Norte (Madera)	N/A	mm.	
Timber Winter North Atlantic	N/A	mm.	

Línea de Carga  
Load Line

N/A	mm.	encima de (V) above
borde superior de la línea a través del centro del disco Upper edge of line through center of ring		
N/A	mm.	debajo de (V) below
N/A	mm.	debajo de (V) below
N/A	mm.	encima de (MV) above
N/A	mm.	encima de (V) above
N/A	mm.	debajo de (MV) below
N/A	mm.	debajo de (MV) below

Nota: Franco-bordo y líneas de carga que no se aplican no necesitan ser entrados en el certificado.  
Note: Freeboard and load lines which are not applicable need not be entered on the certificate.

Reducción para agua dulce en todos los franco-bordos sin Madera  
Allowance for Fresh Water for all freeboards other than timber

N/A mm.

Reducción para agua dulce, en todos los franco-bordos para cargamentos de Madera  
Allowance for Fresh Water for timber freeboards

N/A mm.

El borde superior de la línea de cubierta, desde el cual se miden estos franco-bordos está el costado de la cubierta  
The upper edge of the deck line from which these freeboards are measured is OPPOSITE TOP OF COLUMN 28500 mm FLAT deck of side



Fecha inicial o inspección periódica 28 FEBRUARY 2001  
Date of initial or periodical survey

POR LA PRESENTE SE CERTIFICA que este buque ha sido inspeccionado y que los franco-bordos han sido asignados y las líneas de carga arriba señaladas han sido marcadas de acuerdo con la Convención Internacional de las Líneas de Carga de 1966.  
THIS IS TO CERTIFY that this ship has been surveyed and that the freeboards have been assigned and load lines shown above have been marked in accordance with the International Convention on Load Lines, 1966.

Este certificado es válido hasta el 28 FEBRUARY 2006 sujeto a inspecciones periódicas conforme con el Artículo (14)(1)(c) de la Convención.

This certificate is valid until (date) subject to periodical inspections in accordance with Article 14(1)(c) of the Convention.

Expedido en: HOUSTON, TEXAS ON 06 JUNE 2001  
Issued at:

El infrascrito declara que está debidamente autorizado por dicho Gobierno para expedir este Certificado.  
The undersigned declares that he is duly authorized by the said Government to issue this certificate.



*E. J. Beche*  
E.L. BECHE Surveyor, American Bureau of Shipping

LL 16A

Revision 1

Page 1 of 2

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027328

CONFIDENTIAL

TRN-MDL-00171849

**POR LA PRESENTE SE CERTIFICA** que en la inspección periódica requerida en el Artículo 14(1)(c) de la convención, este buque se ha encontrado que cumple con las disposiciones pertinentes a la Convención.

**THIS IS TO CERTIFY** that at a periodical inspection required by Article 14(1)(c) of the Convention, this ship was found to comply with the relevant provisions of the Convention.

Lugar \_\_\_\_\_  
Place \_\_\_\_\_

Fecha \_\_\_\_\_  
Date \_\_\_\_\_

Firma: \_\_\_\_\_  
Signature \_\_\_\_\_

Inspector del American Bureau of Shipping  
Surveyor to the American Bureau of Shipping

**POR LA PRESENTE SE CERTIFICA** que en la inspección periódica requerida en el Artículo 14(1)(c) de la convención, este buque se ha encontrado que cumple con las disposiciones pertinentes a la Convención.

**THIS IS TO CERTIFY** that at a periodical inspection required by Article 14(1)(c) of the Convention, this ship was found to comply with the relevant provisions of the Convention.

Lugar \_\_\_\_\_  
Place \_\_\_\_\_

Fecha \_\_\_\_\_  
Date \_\_\_\_\_

Firma: \_\_\_\_\_  
Signature \_\_\_\_\_

Inspector del American Bureau of Shipping  
Surveyor to the American Bureau of Shipping

**POR LA PRESENTE SE CERTIFICA** que en la inspección periódica requerida en el Artículo 14(1)(c) de la convención, este buque se ha encontrado que cumple con las disposiciones pertinentes a la Convención.

Lugar \_\_\_\_\_  
Place \_\_\_\_\_

Fecha \_\_\_\_\_  
Date \_\_\_\_\_

Firma: \_\_\_\_\_  
Signature \_\_\_\_\_

Inspector del American Bureau of Shipping  
Surveyor to the American Bureau of Shipping

**POR LA PRESENTE SE CERTIFICA** que en la inspección periódica requerida en el Artículo 14(1)(c) de la convención, este buque se ha encontrado que cumple con las disposiciones pertinentes a la Convención.

**THIS IS TO CERTIFY** that at a periodical inspection required by Article 14(1)(c) of the Convention, this ship was found to comply with the relevant provisions of the Convention.

Lugar \_\_\_\_\_  
Place \_\_\_\_\_

Fecha \_\_\_\_\_  
Date \_\_\_\_\_

Firma: \_\_\_\_\_  
Signature \_\_\_\_\_

Inspector del American Bureau of Shipping  
Surveyor to the American Bureau of Shipping

Las disposiciones de esta Convención han sido debidamente cumplidas en este buque, la validez de este Certificado está de acuerdo con el Artículo 19(2) de la Convención, extendido hasta \_\_\_\_\_

The provisions of the Convention being fully complied with by this ship, the validity of this Certificate is, in accordance with Article 19(2) of the Convention, extended until \_\_\_\_\_

Lugar \_\_\_\_\_  
Place \_\_\_\_\_

Fecha \_\_\_\_\_  
Date \_\_\_\_\_

Firma: \_\_\_\_\_  
Signature \_\_\_\_\_

Inspector del American Bureau of Shipping  
Surveyor to the American Bureau of Shipping

**ARTICULO 14(1)(c):** Una inspección periódica tres meses antes o después de cumplirse un año de la fecha indicada en el Certificado es requerido, para cerciorarse de que no se han hecho alteraciones en el casco o en las superestructuras que pudieran afectar los cálculos que determinan la posición de las líneas de carga y a su vez cerciorarse también del mantenimiento efectivo de las instalaciones y dispositivos para:

Article 14(1)(c): A periodical inspection within three months either way of each annual anniversary date of the Certificate is required, to ensure that alterations have not been made to the hull or superstructures which would affect the calculations determining the position of the load line and so as to ensure the maintenance in an effective condition of fittings and appliances for:

- (i) protección de aberturas;  
protection of openings;
- (ii) pasamanos;  
guard rails;
- (iii) puertas de desahogo; y  
heaving ports; and
- (iv) medios de acceso a los alojamientos de la tripulación.  
means of access to crew's quarters.

**Notas:**  
**Notes:**

1. Cuando un buque sale de un puerto situado en un río o en aguas interiores, una carga mas profunda será permitida correspondiendo el peso del combustible y todos los otros materiales requeridos para el consumo entre el punto de partida y el mar.

When a ship departs from a port situated on a river or inland waters, deeper loading shall be permitted corresponding to the weight of fuel and all other materials required for consumption between the point of departure and the sea.

2. Cuando un buque está en agua dulce cuya densidad es la unidad, la línea de carga apropiada puede ser sumergida según la concesión para agua dulce mas arriba señalada. Cuando la densidad no sea la unidad una concesión se hará proporcional a la diferencia entre 1.025 y la densidad actual.

When a ship is in fresh water of unit density the appropriate load line may be submerged by the amount of the fresh water allowance shown above. Where the density is other than unity, an allowance shall be made proportional to the difference between 1.025 and the actual density.

ISP

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027330

CONFIDENTIAL

TRN-MDL-00171851

# COPY

Certificate No.: 0138290-669370-005

## INTERNATIONAL SEWAGE POLLUTION PREVENTION CERTIFICATE

Issued under the provisions of the International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978 relating thereto, and as amended by resolution MEPC.115(51), (hereinafter referred to as "the Convention") under the authority of the Government of:

Republic of Marshall Islands

(full designation of the country)

by the American Bureau of Shipping

Name of ship	Distinctive number or letter	Port of Registry	Gross tonnage	Number of persons which the ship is certified to carry
DEEPWATER HORIZON	2213 V7HC9	Majuro	32588	146
IMO Number <sup>1</sup>				
8764597				

New Ship\*

Date on which keel was laid or ship was at a similar stage of construction or where applicable, date on which work for a conversion or an alteration or modification of a major character was commenced

21 March 2000

### THIS IS TO CERTIFY:

- (1) That the ship is equipped with a sewage treatment Plant \* and a discharge pipeline in compliance with regulation 9 and 10 of Annex IV of the Convention as follows:

#### \*(1.1) Description of sewage treatment plant:

Type of sewage treatment plant Aerobic.

Name of manufacturer Hamworthy.

The sewage treatment plant is certified by the Administration to meet the following effluent standards as provided for in resolution MEPC.2 (VI)

Fecal Bacteria Count 200 / 100 ml. Solids 150 mg/l.

#### \*(1.2) Description of comminuter:

Type of comminuter n/a

Name of manufacturer n/a

Standard of sewage after disinfection n/a

#### \*(1.3) Description of holding tank :

Total capacity of the holding tank n/a m<sup>3</sup>

Location n/a

- (1.4) A pipeline for the discharge of sewage to a reception facility, fitted with a standard shore connection.

<sup>1</sup> In accordance with resolution A.600(15) - IMO Ship Identification Number Scheme, this information may be included voluntarily

\* Delete as appropriate

- (2) The ship has been surveyed in accordance with regulation 4 of Annex IV of the International Convention.
- (3) That the survey shows that the structure, equipment, systems, fittings, arrangements and material of the ship and the condition thereof are in all respects satisfactory and the ship complies with the applicable requirements of Annex IV of the Convention.

This certificate is valid until 28 February 2011.

<sup>3</sup> Subject to surveys in accordance with regulation 4 of Annex IV of the Convention.

Completion date of the survey on which this certificate is based: 2nd Jan 2006

Issued at Morgan City

02 January 2006



ABS



Gee, Martin, Morgan City Port  
Surveyor, American Bureau of Shipping

<sup>3</sup> Insert the date of expiry as specified by the Administration in accordance with regulation 8.1 of Annex IV of the Convention. The day and month of this date correspond to the anniversary date as defined in regulation 1.8 of Annex IV of the Convention

ISPPC

O2K Rev 2

Page 2 of 3

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027332

CONFIDENTIAL

TRN-MDL-00171853

Endorsement to extend the Certificate if valid for less than 5 years where regulation 8.3 applies.

The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with regulation 8.3 of Annex IV of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_  
(Signature of authorized official)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(Seal or Stamp of the authority, as appropriate)

Endorsement where the renewal survey has been completed and regulation 8.4 applies.

The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with regulation 8.4 of Annex IV of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_  
(Signature of authorized official)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(Seal or Stamp of the authority, as appropriate)

Endorsement where the renewal survey has been completed and regulation 8.5 or 8.6 applies.

This Certificate shall, in accordance with regulation 8(5) or 8(6) of Annex IV of the Convention, be accepted as valid until \_\_\_\_\_

Signed: \_\_\_\_\_  
(Signature of authorized official)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(Seal or Stamp of the authority, as appropriate)

# INTERNATIONAL SEWAGE POLLUTION PREVENTION CERTIFICATE (1973)

Issued under the provisions of the International Convention for the Prevention of Pollution from Ships, 1973  
under the authority of the Government of:

**REPUBLIC OF PANAMA**

(full designation of the country)

by the American Bureau of Shipping

Name of ship	Distinctive number or letter	Port of Registry	Gross tonnage	Number of persons which the ship is certified to carry
DEEPWATER HORIZON	H3SM/IMO#8764597	PANAMA	32,588	130

New Ship\*

Date of Building Contract 23 JUNE 1999

Date on which keel was laid or ship was at a similar stage of construction 21 MARCH 2000

Date of Delivery 23 FEBRUARY 2001

## THIS IS TO CERTIFY:

(1) That the ship is equipped with a sewage treatment plant\* and a discharge pipeline in compliance with regulation 3(1)(a)(i) to (iv) of Annex IV of the Convention as follows:

(a) **Description of sewage treatment plant:**

Type of sewage treatment plant ST13, 9.45 M<sup>3</sup>/DAY

Name of manufacturer HAMWORTHY PUMPS & COMPRESSORS LTD.

The sewage treatment plant is certified by the Administration to meet the following effluent standards†

U.S.C.G. 33 CFR 159.2329/0 MAX: FECAL BACTERIOR COUNT, 200/100 ML, SOLIDS 150 MG/L  
MEPC.2(VI).

(b) **Description of comminuter:**

Type of comminuter N/A

Name of manufacturer N/A

Standard of sewage after disinfection N/A

(c) **Description of holding tank equipment:**

Total capacity of the holding tank N/A m<sup>3</sup>

Location N/A

(d) A pipeline for the discharge of sewage to a reception facility, fitted with a standard shore connection.

\*Manifolds should be incorporated.  
†As appropriate.

Form ISPPC

Revision 0

Page 1 of 2

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027334

CONFIDENTIAL

TRN-MDL-00171855

- (2) The ship has been surveyed in accordance with regulation 3 of Annex IV of the International Convention for the Prevention of Pollution from Ships, 1973, concerning the prevention of pollution by sewage and the survey showed that the equipment of the ship and the condition thereof are in all respects satisfactory and the ship complies with applicable requirements of Annex IV of the Convention.

This certificate is valid until 28 FEBRUARY 2006

Issued at HOUSTON, TEXAS the 05 day of JUNE, 2001.



E.L. BECHE American Bureau of Shipping

Under the provisions of regulation 7(2) and (4) of Annex IV of the Convention, the validity of this certificate is extended until \_\_\_\_\_.



Signed: \_\_\_\_\_  
American Bureau of Shipping

Place: \_\_\_\_\_

Date: \_\_\_\_\_



Elevator Cert

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027336

CONFIDENTIAL

TRN-MDL-00171857



## SHIPBOARD ELEVATOR CERTIFICATE

Certificate No.: 0139290-715055-005  
Port of: Offshore Morgan City  
Builder's Hull No.: Q339  
Date: 11 June 2006

Vessel: DEEPWATER HORIZON

Shipbuilder: HYUNDAI HEAVY INDUSTRIES CO LTD

Description of Elevator: Four (4) Shipboard Personnel Elevators. One (1) located in each Column.

Manufacturer: Alimak AB . Skelleftea, Sweden

Type: Rack and Pinion AIT -SE7

Serial No.: 3261, 3262, 3263 and 3264.

Size: 2.17m x 1.04m x 10.4m

Speed: 0.8m/sec

Capacity: 680 Kg.

No. of Persons: Nine (9)

Location of Elevator: One (1) in each Column.

No. & Size of Hoisting Ropes: N/a

**THIS IS TO CERTIFY** that the elevator described above has been surveyed and tested while under construction and found in accordance with recommendations of this Bureau as set forth in the "Guide for the Construction of Shipboard Elevators".

Gee, Martin, Morgan City Port

Surveyor

To be endorsed below by the Surveyor at each annual test and inspection.

Name	Port	Date

**COPY**

(Continue on Reverse Side)

**NOTE**

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

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027337

CONFIDENTIAL

TRN-MDL-00171858

# COPY

Document No.: 0139290-669370-007

## FLAG STATE VERIFICATION AND ACCEPTANCE DOCUMENT

Issued under the provisions of the  
GUIDELINES FOR VESSELS WITH DYNAMIC POSITIONING SYSTEMS  
(MSC/Circ. 645)

Under the authority of the Government of

Republic of Marshall Islands

(name of the State)

By: American Bureau of Shipping

Name of Ship	Type of Ship	Port of Registry	IMO Number
DEEPWATER HORIZON	Column Stabilized Unit	Majuro	8764597

Date on which keel was laid or vessel was at similar stage of construction or on which major conversion was commenced  
21 March 2000

THIS IS TO CERTIFY that the above-mentioned vessel has been duly documented, surveyed, and tested in accordance with the Guidelines for Vessels with Dynamic Positioning Systems (MSC/Circ. 645) and found to comply with the Guidelines.

The vessel is allowed to operate in DP Equipment Class Three (3) and in lower equipment classes.

This document remains valid until 28 February 2011 unless terminated by the Administration, provided that the vessel is operated, tested, and surveyed according to the requirements in the guidelines and the results are properly recorded.

Completion date of the survey on which this statement is based: 18th January 2006.



Issued at Morgan City  
(Place of issue of document)

02 January 2006

Date of Issue



Gez, Martin, Morgan City Port

Surveyor, American Bureau of Shipping

**LIST OF EXEMPTIONS AND EQUIVALENTS**  
(ref. items 1.4 and 1.5 of the Guidelines)

None

**LIST OF MAIN SYSTEMS AND COMPONENTS COVERED BY FSVAD\***

DP Operator Desks on Bridge and Engine Control Room.

Eight (8) Azimuthing Thrusters.

Vessel environmental sensors.

Vessel position references.

Dynamic Positioning control computers.

Vessel power generation system.

\* All main systems and components included in the dynamic positioning system are to be listed in a systematic way. As an alternative reference can be made to drawings, etc. It is important that it is possible by this list to identify all systems and components covered by FSVAD. Software versions should also be identified. Equipment installed after date of issuing FSVAD should only be included in the list after control and testing have been completed and modifications and non-conformities report signed.

Record Of Annual Survey Reports

Annual Survey: Signed: \_\_\_\_\_  
(Surveyor, American Bureau of Shipping)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Test Type: \_\_\_\_\_

Remarks: \_\_\_\_\_

Annual Survey: Signed: \_\_\_\_\_  
(Surveyor, American Bureau of Shipping)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Test Type: \_\_\_\_\_

Remarks: \_\_\_\_\_

Annual Survey: Signed: \_\_\_\_\_  
(Surveyor, American Bureau of Shipping)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Test Type: \_\_\_\_\_

Remarks: \_\_\_\_\_

Annual Survey: Signed: \_\_\_\_\_  
(Surveyor, American Bureau of Shipping)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Test Type: \_\_\_\_\_

Remarks: \_\_\_\_\_

Deck Mod

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027341

CONFIDENTIAL

TRN-MDL-00171862



BRANCH CODE: 13304  
REFER TO: V.V.  
FILE REF: S-1  
SSN: 470089

3 November 2004

**"DEEPWATER NAUTILUS"** ABS ID 0036567  
Hyundai Hull Q330 (Panama Flag) VID 100025  
**"DEEPWATER HORIZON"** ABS ID 0139290  
Hyundai Hull Q339 (Panama Flag) VID 111956  
**"DEEPWATER MILLENNIUM"** ABS ID 9936928  
Samsung Hull 1255 (Panama Flag) VID 111476  
**"CAJUN EXPRESS"** ABS ID 0038754  
Promet Hull P1139 (Liberia Flag) VID 100121  
**"TRANSOCEAN MARIANAS"** ABS ID 7904130  
MHI Hull 241018 (Panama Flag) VID 104729  
*Column Stabilized Drilling Units*  
**"DEEPWATER PATHFINDER"** ABS ID 9835637  
Samsung Hull 1220 (Panama Flag) VID 111024  
**"DEEPWATER FRONTIER"** ABS ID 9935938  
Samsung Hull 1231 (Panama Flag) VID 111375  
*Drillships*  
**Helideck Approval for Sikorsky S-92 Helicopter**  
**(Originally Approved for Sikorsky S-61N)**

TransOcean Offshore  
1311 Broadfield Blvd.  
Houston, TX 77084

Attention: Mr. Greg Osten  
Design Engineer

Gentlemen:

We have your letter of 14 October 2004 requesting approval for landing a Sikorsky S-92 helicopter on the helideck of the subject units that were originally designed for the Sikorsky S-61N. With your letter, you submitted one (1) copy each of the following documents:

ITEM	DOCUMENT TITLE
1)	S-92 HELIDECK LANDING SPECIFICATIONS
2)	SYNOPSIS of "ANALYSIS TO SHOW THAT THE S-92 CAN OPERATE FROM HELIDECKS DESIGNED FOR THE S-61N WITH EQUIVALENT OR GREATER SAFETY"
	Prepared by CONSULTAVIA - UPDATED JANUARY 2004
	Appendix 1: Summary of Arguments Used in the Analysis
	Appendix 2: Letter from HSE
	Appendix 3: Letter from Civil Aviation Authority (CAA)
	Appendix 4: Letter from Norwegian NPD and CAA

ABS PLAZA, 18865 NORTHCHASE DRIVE, HOUSTON, TX 77060-6008 USA  
TEL: 1-281-877-6000 FAX: 1-281-877-6001 EMAIL: abs-amer@eagle.org

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027342

CONFIDENTIAL

TRN-MDL-00171863



Page: 2  
Date: 3 Nov. 2004  
To: TransOcean  
Subject: S-92 Helicopter

The documents have been reviewed in accordance with the following Rules and Regulations:

- ABS Rules for Building and Classing Mobile Offshore Drilling Units - 2001
- The IMO Resolution A.549 (16) - 1989 "Code for the Construction and Equipment of Mobile Offshore Drilling Units"

We advise that the submitted documents are considered to be acceptable in demonstrating the ability of the S-92 to operate from S-61N helidecks, with equivalent or greater safety, subject to the following comments:

- 1) We note the following comparison between the S-61N Helicopter and the S-92 Helicopter:

	S-61N HELICOPTER	S-92 HELICOPTER
Maximum Take Off Weight (MTOW):	9,299 kg (20,500 Lbs.)	11,861 kg (26,148 Lbs.)
Rotor Diameter (R.D.):	18.9 m (62.01 Ft.)	17.17 m (56.0 Ft.)
"D" Value (Overall Length - Rotor Turning):	22.2 m (72.83 Ft.)	20.88 m (68.6 Ft.)

- 2) We note that the results of the Dynamic Simulation Studies for an engine failure condition demonstrate the improved landing impact characteristics of the S-92, and the resulting reduced landing impact load, summarized from the submitted document as follows:

DYNAMIC SIMULATION RESULTS	S-61N HELICOPTER	S-92 HELICOPTER
Touchdown Vertical Velocity:	2.26 m/s	1.74 m/s
Emergency Landing Impact Factor:	1.77	1.22
Emergency Landing Load	16,459 kg (36,285 Lbs.)	14,470 kg (31,901 Lbs.)

- 3) We note that, despite the S-92's higher MTOW, the dynamic load factor from an emergency landing in the S-92 is substantially lower than that of the S-61N, as shown in the table above, and we note that this is due to two factors:

- (a) The much higher single-engine power-to-weight ratio of the S-92.
- (b) The much better performance of the S-92's improved undercarriage (with energy absorbing overload devices), which results in lower landing loads on the helicopter decks.





Page: 3  
Date: 3 Nov. 2004  
To: TransOcean  
Subject: S-92 Helicopter

- 4) The ABS MODU Rules 2001, 3 / 2 / Section 2, 3.3.2 states that, in determining the scantlings of helicopter decks and supporting structure, the manufacturer's recommended wheel impact loading can be considered, as an alternative to using the prescribed impact loading requirement. Therefore, on the basis that the Helicopter Landing Impact Loading for the S-92 is less than that of the S-61N, as substantiated by the submitted documents, we advise that the S-92 helicopter is considered to be acceptable for landing on the helidecks of the subject units that were originally designed for the Sikorsky S-61N.
- 5) The Operating Manual for each Unit should be updated to indicate that the Unit's helideck can be used by the S-92 helicopter.

For operations in cold areas, it should be noted that the presence of the S-92 on the helideck does reduce the amount of snow and ice allowed for, by 2,562 kg. Procedures should be included to remove any snow and ice that forms, before it becomes hazardous.

The submitted documents are being retained for our record and file.

If you have any questions regarding this letter, or if we may be of further assistance, please do not hesitate to contact Viro Vallan [ Tel. (281) 877-6318 ] or the undersigned [ Tel. (281) 877-6429 ].

Very truly yours,

A handwritten signature in cursive script that reads "Pao-Lin Tan".

Pao-Lin Tan  
Chief Engineer  
Floating Structures Group  
Offshore Engineering Department

cc: ABS Houston-OED 3S Group File

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027344

CONFIDENTIAL

TRN-MDL-00171865

# ABS AMERICAS

A Division of the American Bureau of Shipping

990 North Corporate Drive  
Suite 307  
Harahan, LA 70123 United States  
PHONE: 1-504-731-2960  
FAX :

INVOICE #:

0461322415

BRANCH DEPT. #:

BRANCH/DEPT. NAME:

46132

NEW ORLEANS. PORT

CUSTOMER #:

195421

CONTRACT/  
PURCHASE ORDER#:

n/a

TIM JURAN  
TRANSOCEAN OFFSHORE DEEPWATER DRILLING  
INC.  
1311 BROADFIELD  
SUITE 400

ABSID: Houston TX 77084

VESSEL NAME

A0139290

DEEPWATER HORIZON

REPORT / PROJECT #:

REPORT / PROJECT NAME:

1129210

NO286098

LAST VISIT DATE:

SERVICES AT:

27-SEP-2002

INTERCOMPANY REF#

(ABS USE ONLY)

In-House Survey

INVOICE DATE:

DUE DATE: 02-OCT-02

On Receipt

FEDERAL I.D. 13-4921556

## PAYMENT INSTRUCTIONS

Please Provide Invoice Number  
or Remittance copy with your payment

## WIRE TRANSFER:

CHASE BANK OF TEXAS, N.A.  
HOUSTON, TX 77252-8025 U.S.A.  
ABS AMERICAS  
ACCOUNT 0010-088-8180  
REFERENCE INVOICE NUMBER

## CHECKS:

ABS AMERICAS  
P.O. BOX 201614  
HOUSTON, TX 77216-1614  
REFERENCE INVOICE NUMBER

ITEM	DESCRIPTION OF SERVICES / PRODUCTS PROVIDED	TAX@	FEES
1	Modification Survey	0.00	438.90
2	Incurred Expenses	0.00	70.00
3	Flag Administration Charges	0.00	335.00



# COPY

FOR FURTHER INFORMATION ON SERVICES PERFORMED PLEASE CONTACT: J. Iveria, Merwyn R.

PLEASE REMIT  
PAYMENT IN  
CURRENCY BILLED.

TOTAL FEES  
TOTAL TAX  
TOTAL PAYABLE UPON RECEIPT

USD

USD

USD

843.90

0.00

843.90

## SEE REVERSE SIDE FOR TERMS AND CONDITIONS

Note - Unless otherwise mutually agreed in writing, all services, publication, and products provided and certificates issued in connection with this Invoice are governed by the terms and conditions on the reverse side hereof.

1 of 1

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027345

CONFIDENTIAL

TRN-MDL-00171866



# AMERICAN BUREAU OF SHIPPING CLASS SURVEY REPORT

Vessel Name **DEEPWATER HORIZON**  
Port Of Attendance **New Orleans, LA**  
First Visit Date **27-Sep-2002**

Class Number **0139290**  
Report Number **NO286098**  
Last Visit Date **27-Sep-2002**

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the DEEPWATER HORIZON, of Port Panama, Panama, Class Number 0139290, IMO Number 8764597, on 27-Sep-2002 as the vessel lay afloat, in order to carry out the survey(s) noted below.

Report	Survey Description	Status	Outstanding Recommendation	Checksheets
NO286098_A	Modification Survey	Commenced	Yes	Yes
NO286098_D	Rectification of Outstanding Recommendations - Supersede OSR contained in NO257980 dated 27 June 2002.	Commenced	No	Yes

## CLOSING PARAGRAPH

It is recommended that this vessel be classed with this Bureau.

SURVEYOR(S) TO THE AMERICAN BUREAU OF SHIPPING

Oliveria, Merwyn R.

Employee ID: 510

REVIEWED BY

M. P. ROBINSON 506 NEW ORLEANS

\* TOTAL PAGES INCLUDING CHECKSHEET PAGE 1 OF 7 (Internal ABS distribution only)

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 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.

AB Report A

Page 1 of 1

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027346

CONFIDENTIAL

TRN-MDL-00171867



# AMERICAN BUREAU OF SHIPPING STATUTORY INSPECTION REPORT

Vessel Name **DEEPWATER HORIZON**  
Port Of Attendance **New Orleans, LA**  
First Visit Date **27-Sep-2002**

Class Number **0139290**  
Report Number **NO286098**  
Last Visit Date **27-Sep-2002**

THIS IS TO CERTIFY that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the DEEPWATER HORIZON, of Port Panama, Panama, Class Number 0139290, IMO Number 8764597, on 27-Sep-2002 as the vessel lay afloat, in order to carry out the inspection(s) noted below.

Report	Survey Description	Status	Outstanding Deficiencies	Checksheets
NO286098_B	Other Survey - Statutory - Re-issue of MODU Code Certificate	Completed	No	No
NO286098_C	Other Survey - Statutory - Re-issue of ILO Certificate	Completed	No	No
NO286098_E	Rectification of Outstanding Deficiencies - Supersede OSR contained in NO257980 dated 27 June 2002.	Commenced	No	Yes

Certificate Description	Issue Date	Expiry Date	Term	Status
Mobile Offshore Drilling Unit Safety Certificate (1989)	27-Sep-2002	27-Feb-2003	Conditional	Issued

SURVEYOR(S) TO THE AMERICAN BUREAU OF SHIPPING

Oliveria, Merwyn R.

REVIEWED BY

M.P. Rowland  
NEW ORLEANS

\* TOTAL PAGES INCLUDING CHECKSHEET PAGE 1 OF 7 (Internal ABS distribution only)

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 this 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 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.

AB Report B

Page 1 of 1

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027347

CONFIDENTIAL

TRN-MDL-00171868



# AMERICAN BUREAU OF SHIPPING

ABS Plaza - 18855 Northchase Drive  
Houston, TX 77060-8008

Page 1 of 2

Report No.: NO286098

Date: 27 September 2002

Port: NEW ORLEANS, LOUISIANA

## "DEEPWATER HORIZON" ABSID 0139290

The undersigned surveyor to this Bureau did, at the request of the owner's representative, report on the MODU "Deepwater Horizon" of Panama, IMO No. 8764597, Official No. 29273-PEXT, on the 27<sup>th</sup> of September 2002 in order to re-issue and extend the MODU Code and ILO certificates for review and approval of modifications to the vessel's berthing. For details refer to the following report below:

### Modifications Survey (commenced)

1. A permanent increase in the number of persons on board the subject MODU from 130 persons to 140 persons was requested on the 27<sup>th</sup> of June 2002.
2. All lifesaving appliances for the subject MODU were examined and verified to reflect the number of persons on board for which the subject MODU can accommodate, as per ABS New Orleans report no. NO257980 dated 27 June 2002.
3. The following "Crew Sleeping Rooms" for miscellaneous ratings were modified from a two-man occupancy to a four-man occupancy: Cabin I.D. nos. 230, 232, 233, 234, 237, 238, 239, 240 and 241. Cabin I.D. no. 242 was modified from a two-man berth to an office, as per ABS New Orleans report no. NO257980 dated 27 June 2002.
  - a. The modified "Crew Sleeping Rooms" were confirmed to comply with the requirements as set forth in ILO Conventions 92, as instructed in the Panamanian DCMA Merchant Marine Circular No. 57.
  - b. The rooms were measured and found with a minimum of 51 ft<sup>2</sup> of living space and 41 ft<sup>2</sup> of floor space.
  - c. Reportedly, three (3) rooms were installed with two (2) additional berths for an additional six (6) persons. According to ABS New Orleans report no. NO257980 dated 27 June 2002, the additional berths were considered to be more than adequate and considered satisfactory to meet the requirements as set forth in ILO Conventions 92.
  - d. The last page of the Record of Approved Accommodation Details (ILO PAN) was re-issued for re-attachment to the existing Record of Approved Accommodation Details issued by ABS Ulsan Report No. UL-10865 dated 23 February 2001, in order to make additional remarks reflecting the number of persons increased from 130 to 146 and the addition of berths in the "Crew Sleeping Rooms" located on the second level.
4. As per e-mail dated 26 September 2002 by ABS Offshore Survey Manager, J.D. Forsyth, authorization was granted to re-issue the said certificates for an additional five (5) months pending completion technical review of modifications by ABS Houston and issuance of full term certificates.
5. Authorization from Panamanian Authorities was not required at this time.

Note: This Report evidences compliance with one or more of the Rules, guides, standards or other criteria of 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 structure, item of material, equipment, machinery or any other item covered by this Report has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. 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 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.

AB 141

Revision 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027348

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TRN-MDL-00171869



# AMERICAN BUREAU OF SHIPPING

ABS Plaza - 16855 Northchase Drive  
Houston, TX 77060-6006

Page 2 of 2

REPORT No.: NO257980

Date: 27 JUNE 2002

Port: NEW ORLEANS, LOUISIANA

## Outstanding Recommendations Superseded

6. It is recommended that outstanding recommendation pertaining to CLASSIFICATION and STATUTORY contained in report no. NO257980 dated 27 June 2002 be considered superseded by this report.
7. It is recommended that the modifications to the quarters, including the Operations Manual and Safety & Fire Control Plan be reviewed and approved by ABS Offshore Engineering Department by 27 February 2003 and prior to re-issuing a full term MODU Code Certificate made valid until 28 February 2006.
8. It is recommended that the modifications to the quarters, including the Operations Manual and Safety & Fire Control Plan be reviewed and approved by ABS Offshore Engineering Department by 27 February 2003 and prior to re-issuing a full term ILO Certificate of Inspection of Crew Accommodation, reflecting the changes, made valid until 30 March 2005.
9. An Interim ILO Certificate of Inspection of Crew Accommodation was re-issued to reflect 146 persons and made valid until 27 February 2003 pending review of the above modifications by ABS Offshore Engineering Department.
10. A MODU Code Safety Certificate was re-issued to reflect life-saving appliances provided for a total number of 146 persons and made valid until 27 February 2003 pending review and approval of the modifications, Operations Manual, and Safety & Fire Control Plan.

  
Merwyn R. Oliverio - ABS SUPERVISOR



AB 141S

Revision 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027349

CONFIDENTIAL

TRN-MDL-00171870

# INTERIM CERTIFICATE OF INSPECTION OF CREW ACCOMMODATIONS

REPUBLICA DE PANAMA  
REPUBLIC OF PANAMA

AUTORIDAD MARITIMA DE PANAMA  
PANAMA MARITIME AUTHORITY

DIRECCION GENERAL DE LA GENTE DE MAR  
DIRECTORATE GENERAL OF SEAFARERS

ABS ID No.: 0139290  
Certificate No.: NO286098-X

## CERTIFICADO DE INSPECCION DE LOS ALOJAMIENTOS DE TRIPULACION CERTIFICATE OF INSPECTION OF CREW ACCOMMODATION

Expedido de acuerdo a la Resolución: No. 614-257-ALCN de 1984  
Issued in accordance with Resolution: No. 614-257-ALCN of 1984

Nombre del Buque Name of Vessel	Tipo Type	País Country	Número de Matrícula Registry Number	Arqueo Bruto Gross Tonnage	Año de Construcción Year of Construction <sup>1</sup>
"Deepwater Horizon"	MODU	USA	876459	29,051	2000

Se certifica que los alojamientos de tripulación y otros espacios asociados del buque arriba citado han sido inspeccionados y encontrados satisfactorios de acuerdo a los reglamentos en vigor en la República de Panamá, incluyendo las partes aplicables de los Convenios de la O.I.T. números 68 y 92 (o 126, en el caso de buques de pesca).

It is to certify that the crew accommodations and other associated spaces of the above vessel have been inspected and found satisfactory according to the regulations in force in the Republic of Panama, including the relevant portions of I.L.O. Conventions 68 and 92 (or 126, in case of fishing vessels).

Las instalaciones están aprobadas para un máximo de 148 tripulantes.  
The arrangements are approved for a maximum of 148 crew members

### OBSERVACIONES - REMARKS:

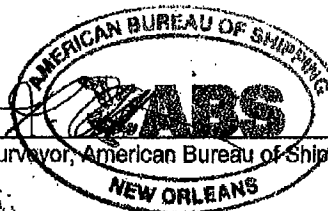
The quarters arrangements were modified from 100 to 148 crew members and remain to be reviewed by ABS Offshore Engineering Department prior to issuance of a full term certificate. This certificate is valid until 30 March 2005.

Este Certificado será válido hasta el 27 February 2003 pending technical review and approval of modifications.  
This Certificate will remain valid until

Expedido en New Orleans, Louisiana El 27 September 2002  
Issued at On



Merwyn R. Oliveria Surveyor, American Bureau of Shipping



<sup>1</sup> Refer to the year of construction shown in the "Patente" (Certificate of Registry).



## MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE (1989)

ISSUED UNDER THE PROVISIONS OF THE

IMO CODE FOR THE CONSTRUCTION AND EQUIPMENT OF  
MOBILE OFFSHORE DRILLING UNITS, 1989  
AS AMENDED

UNDER THE AUTHORITY OF THE GOVERNMENT OF

THE REPUBLIC OF PANAMA

BY MERWYN R. OLIVERIA SURVEYOR, AMERICAN BUREAU OF SHIPPING

Distinctive Identification (name or number)	Type (1.3 of the Code)	Port of Registry
MODU Deepwater Horizon	Column Stabilized Drilling Unit	Panama

Date on which keel was laid or unit was at a similar stage of construction or on which major conversion was commenced 21 March 2000

### THIS IS TO CERTIFY:

1. That the above-mentioned unit has been duly surveyed in accordance with the applicable provisions of the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989.

That the survey showed that the structure, equipment, fittings, radio station arrangements and materials of the unit and the condition thereof are in all respects satisfactory and that the unit complies with the relevant provisions of the Code.

3. That the life-saving appliances provide for a total number of 146 persons and no more as follows:  
See Attachment

4. That, in accordance with 1.4 of the Code, the provisions of the Code are modified in respect of the unit in the following manner:

5. That this unit has been issued with an approval for the use of continuous survey techniques under 1.6.1.6 of the Code in lieu of periodical and intermediate surveys.

Hull ☐

Machinery ☐

n/a Signature and Seal of Approving Authority

n/a  
Date of Continuous Survey Program Approval

This Certificate is valid until the 27th day of February 2003 Pending Technical review of modifications to staterooms, operations manual, and Safety and Fire Control Plan

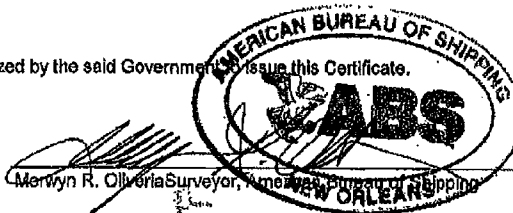
Completion date of the survey on which this certificate is based: 09/27/02

Issued at New Orleans, Louisiana  
(place of issue of Certificate)



ABS

The undersigned declares that he is duly authorized by the said Government to issue this Certificate.



MODU PAN 89

Revision 1

Page 1 of 1

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027351

CONFIDENTIAL

TRN-MDL-00171872





# AMERICAN BUREAU OF SHIPPING

ABS Plaza - 18865 Northchase Drive  
Houston, TX 77060-6008

Page 1 of 1

Report No.: NO286098

Date: 27 September 2002

Port: NEW ORLEANS, LOUISIANA

## "Deepwater" ABSID 0139290

Attachment to Conditional MODU Code Certificate dated 27 September 2002.

### Lifesaving Equipment

Two (2) totally enclosed, fire protected Lifeboat/Rescue boat located forward port and starboard, capable of accommodating 73 persons each.

Two (2) totally enclosed, fire protected Lifeboat/Rescue boat located aft port and starboard, capable of accommodating 73 persons each.

Three (3) twenty-five (25) person, davit launched life rafts located forward and capable of floating free.

Three (3) twenty-five (25) person, davit launched life rafts located aft and capable of floating free.

Ten (10) life buoys.

One hundred ninety-five lifejackets.

Immersion suits and thermal protective aids exempted as per Exemption Certificate issued by the Republic of Panama Maritime Authority on 24 April 2002, valid until 28 February 2005.

### Navigation Equipment

Radar direction finder exempted as per letter S-1/RAA dated 18 January 2001.

Magnetic compass SOLAS V regulation 12 (b)(i) (4) superseded by ABS New York Regulatory Affairs E-mail dated 13 February 2001 as two (2) Gyro repeaters available together covering 360-degree arc.

  
Merwyn R. Oliveria - ABS New Orleans  


#### Note:

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AB 141

Revision 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027352

CONFIDENTIAL

TRN-MDL-00171873

CREW ACCOMMODATION ALTERATIONS AND/OR ADDITIONS EFFECTED SINCE THE RECORD WAS PREPARED

ITEM No.	DESCRIPTION	SURVEYOR	PORT	DATE
Page 1	"Total number of persons provided for is one hundred forty (140) and no more"	Merwyn R. Oliveria	New Orleans, LA	27 June 2002
Page 5	"Crew Sleeping rooms" - Number of "users" for Cabin I.D. Nos. 232, 233, 234, 237, 238, and 239 have been increased from two-man to four-man berths. Cabin I.D. no. 242 was modified from a two-man berth to an office.	Merwyn R. Oliveria	New Orleans, LA	27 June 2002
Page 1	"The Crew Accommodations Cater for Others [additional Sixteen (16)] persons"	Merwyn R. Oliveria	New Orleans, LA	27 June 2002
Page 1	"Total number of persons provided for is one hundred forty-six (146) and no more"	Merwyn R. Oliveria	New Orleans, LA	27 September 2002
Page 5	"Crew Sleeping rooms" - Number of "users" for Cabin I.D. Nos. 230, 240 and 241 have been increased from two-man to four-man berths.	Merwyn R. Oliveria	New Orleans, LA	27 September 2002

ILO-PAN

Panama, SWZ-002-05-P11-W009

Check Sheet A - Revision 0

Page 11 of 10

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027353

CONFIDENTIAL

TRN-MDL-00171874



# ABS

→ John Keaton  
→ Ron Allen

03-Mar-2003

Page 1 of 1  
1st NOTICE

TRANSOCEAN OFFSHORE DEEPWATER DRILLING INC.  
ATTN: JURAN, TIM  
1311 BROADFIELD  
SUITE 400  
HOUSTON TX-77084

SUBJECT : DEEPWATER HORIZON  
CLASS NUMBER : 0130290  
THREE-MONTH SURVEY DEADLINE

Gentlemen:

In an effort to assist you in the timely completion of survey(s), we would like to inform you that the following survey(s) is (are) coming due:

**Surveys :**

Annual Automation Survey 2  
Annual Hull Survey 2  
Annual Machinery Survey 2  
Annual Survey - Drilling System 2

**Due Date**

31-May-2003  
31-May-2003  
31-May-2003  
31-May-2003

Note: The survey due date includes the window of time allotted for annual and intermediate surveys, as applicable.

If the vessel is currently under survey, please disregard this notice. If the vessel is currently laid-up, has been sold, or is out of service, we would appreciate your informing us so that we can amend our records.

We would like to point out that there are provisions in the "Rules" for extension of Drydocking, Tailshaft and Boiler surveys, if applicable. As Surveyor attendance is required for the extension, we encourage you to contact your local ABS office as soon as possible to discuss this possibility. We look forward to working with you to maintain the classification of your vessel.

Sincerely,  
AMERICAN BUREAU OF SHIPPING  
Lewis R Wise  
Assistant Chief Surveyor

By Michael Davison  
Supervisor - Class

16855 NORTHCHASE DRIVE, HOUSTON, TX 77060-6008 USA  
TEL: 281-877-6010 FAX: 281-877-6011

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027354

CONFIDENTIAL

TRN-MDL-00171875

**ABS AMERICAS**

A Division of the American Bureau of Shipping  
Mail: PO Box 3569  
Morgan City, LA 70381  
Morgan City, LA 70380 United States  
PHONE: 1-985-384-5850  
FAX: 1-985-385-1284

**COPY**

INVOICE #: 0451324436 BRANCH DEPT. #: 45132 INVOICE DATE: 02-JUL-03  
BRANCH/DEPT. NAME: MORGAN CITY. PORT DUE DATE: On Receipt

CUSTOMER #: 195421 CONTRACT / PURCHASE ORDER#: n/a

TIM JURAN  
TRANSOCEAN OFFSHORE DEEPWATER DRILLING  
INC.  
1311 BROADFIELD  
SUITE 400  
Houston TX 77084

FEDERAL I.D. 13-4921556

**PAYMENT INSTRUCTIONS**  
Please Provide Invoice Number  
or Remittance copy with your payment

ABSID: A0139290  
VESSEL NAME: DEEPWATER HORIZON

REPORT / PROJECT #: 1222724  
REPORT / PROJECT NAME: MC364607

LAST VISIT DATE: 30-JUN-2003  
SERVICES AT: Offshore Fourchon

INTERCOMPANY REF.#  
(ABS USE ONLY)

**WIRE TRANSFER:**  
CHASE BANK OF TEXAS, N.A.  
HOUSTON, TX 77252-8025 U.S.A.  
ABS AMERICAS  
ACCOUNT 0010-088-8180  
REFERENCE INVOICE NUMBER

**CHECKS:**  
ABS AMERICAS  
P.O. BOX 201614  
HOUSTON, TX 77216-1614  
REFERENCE INVOICE NUMBER

ITEM	DESCRIPTION OF SERVICES / PRODUCTS PROVIDED	TAX@	FEES
1	Damage - Repair Survey -- Four (4) Hours @ \$135.00 Per Hour	0.00	540.00
2	Transportation	0.00	65.00
	Time Outside Normal Working Hours (Weekday): FRI 27 JUN 03 1700--2200	0.00	206.25
4	Time Outside Normal Working Hours (Weekend): SAT 28 JUN 03 0500--1400	0.00	495.00
5	Standby/Offshore Hours: FRI 27 JUN 03 0400--0800, 2200--2400; SAT 28 JUN 03 0000--0500, 1400--1600	0.00	357.50
6	Port Office Administration	0.00	35.00
7	Special Periodical Survey Machinery 1	0.00	9,542.50

Gee, Martin

FOR FURTHER INFORMATION ON SERVICES PERFORMED PLEASE CONTACT:

PLEASE REMIT  
PAYMENT IN  
CURRENCY BILLED.

TOTAL FEES  
TOTAL TAX  
TOTAL PAYABLE UPON RECEIPT

USD 11,241.25  
USD 0.00  
USD 11,241.25

**SEE REVERSE SIDE FOR TERMS AND CONDITIONS.**

Note - Unless otherwise mutually agreed in writing, all services, publication, and products provided and certificates issued in connection with this invoice are governed by the terms and conditions on the reverse side hereof. 1

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TRN-HCJ-00027355

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TRN-MDL-00171876



**ABS AMERICAS**

A Division of the American Bureau of Shipping

Mail: PO Box 3569  
Morgan City, LA 70381  
Morgan City, LA 70380 United States  
PHONE: 1-985-384-5850  
FAX : 1-985-385-1284

**COPY**

INVOICE #: 0451323724 BRANCH DEPT. #: 45132 INVOICE DATE: 03-MAR-03  
BRANCH/DEPT. NAME: MORGAN CITY. PORT DUE DATE: On Receipt

CUSTOMER #: 195421 CONTRACT:/PURCHASE ORDER#: P395486

FEDERAL I.D. 13-4921556

TIM JURAN  
TRANSOCEAN OFFSHORE DEEPWATER DRILLING  
INC.  
1311 BROADFIELD  
SUITE 400  
Houston TX 77084

**PAYMENT INSTRUCTIONS**

Please Provide Invoice Number  
or Remittance copy with your payment

ABSID: A0139290  
VESSEL NAME: DEEPWATER HORIZON

REPORT / PROJECT #: 1180791  
REPORT / PROJECT NAME: MC330064

**WIRE TRANSFER:**

CHASE BANK OF TEXAS, N.A.  
HOUSTON, TX 77252-8025 U.S.A.  
ABS AMERICAS  
ACCOUNT 0010-088-8180  
REFERENCE INVOICE NUMBER

LAST VISIT DATE: 27-FEB-2003  
SERVICES AT: era in fourchon @ 0830

**CHECKS:**

ABS AMERICAS  
P.O. BOX 201614  
HOUSTON, TX 77216-1614  
REFERENCE INVOICE NUMBER

INTERCOMPANY REF.#  
(ABS USE ONLY)

ITEM	DESCRIPTION OF SERVICES / PRODUCTS PROVIDED	TAX @	FEES
1	Standby/Offshore Hours: MON 24 FEB 03 0700--0800, 1700--2400; TUE 25 FEB 03 0001--0800, 1700--2400; WED 26 FEB 03 0001--0800, 1700--2400; THU 27 FEB 03 0001--0800 Port Office Administration	0.00 0.00	1,265.00 35.00
3	Flag Administration Charges	0.00	190.00
4	Cargo Gear - Periodical Survey	0.00	451.00
5	Statutory Annual Survey Of Four Shipboard Elevators	0.00	1,210.00
6	Annual DPS-3 Survey	0.00	445.50
7	Rectification Of Outstanding Recommendations	0.00	135.00
8	Annual Survey - Drilling System 2	0.00	1,188.00
9	Annual Hull Survey 2	0.00	1,221.00
10	Annual Automation Survey 2	0.00	484.00
11	Annual Survey - MODU 2	0.00	2,161.50
12	Annual IOPP Annex I Survey 2	0.00	484.00
13	Rectification Of Outstanding Deficiencies	0.00	135.00

FOR FURTHER INFORMATION ON SERVICES PERFORMED PLEASE CONTACT:

PLEASE REMIT	TOTAL FEES	USD	9,725.00
PAYMENT IN	TOTAL TAX	USD	0.00
CURRENCY BILLED.	TOTAL PAYABLE UPON RECEIPT	USD	9,725.00

**REVERSE SIDE FOR TERMS AND CONDITIONS**

Note - Unless otherwise mutually agreed in writing, all services, publication, and products provided and certificates issued in connection with this invoice are governed by the terms and conditions on the reverse side hereof.

2

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027357

CONFIDENTIAL

TRN-MDL-00171878

# ABS AMERICAS

A Division of the American Bureau of Shipping

Mail: PO Box 3569  
Morgan City, LA 70381  
Morgan City, LA 70380 United States  
PHONE: 1-985-384-5850  
FAX : 1-985-385-1284

INVOICE #: 0451323724 BRANCH DEPT. #: 45132 INVOICE DATE: 03-MAR-03  
BRANCH/DEPT. NAME: MORGAN CITY. PORT DUE DATE: On Receipt

CUSTOMER #: 195421 CONTRACT:/ PURCHASE ORDER#: P395486

TIM JURAN  
TRANSOCEAN OFFSHORE DEEPWATER DRILLING  
INC.  
1311 BROADFIELD  
SUITE 400  
Houston TX 77084

FEDERAL I.D. 13-4921568

**PAYMENT INSTRUCTIONS**  
Please Provide Invoice Number  
or Remittance copy with your payment

ABSID: A0139290  
VESSEL NAME DEEPWATER HORIZON

REPORT/PROJECT #: 1180791  
REPORT/PROJECT NAME: MC330064

**WIRE TRANSFER:**  
CHASE BANK OF TEXAS, N.A.  
HOUSTON, TX 77262-8025 U.S.A.  
ABS AMERICAS  
ACCOUNT 0010-088-8180  
REFERENCE INVOICE NUMBER

LAST VISIT DATE: 27-FEB-2003  
SERVICES AT: era in fourchon @ 0830

INTERCOMPANY REF.#  
(ABS USE ONLY)

**CHECKS:**  
ABS AMERICAS  
P.O. BOX 201614  
HOUSTON, TX 77218-1614  
REFERENCE INVOICE NUMBER

ITEM	DESCRIPTION OF SERVICES / PRODUCTS PROVIDED	TAX@	FEES
14	Transportation	0.00	65.00
15	Certificate Charges ILO Certificate and MODU Certificate	0.00	255.00



FOR FURTHER INFORMATION ON SERVICES PERFORMED PLEASE CONTACT: Haynie, William M.

PLEASE REMIT	TOTAL FEES	USD	9,725.00
PAYMENT IN	TOTAL TAX	USD	0.00
CURRENCY BILLED.	TOTAL PAYABLE UPON RECEIPT	USD	9,725.00

## REVERSE SIDE FOR TERMS AND CONDITIONS

Note - Unless otherwise mutually agreed in writing, all services, publication, and products provided and certificates issued in connection with this invoice are governed by the terms and conditions on the reverse side hereof.

2 01 2

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027358

CONFIDENTIAL

TRN-MDL-00171879



# ABS

→ ~~John Keston~~  
→ Ron Allen

03-Mar-2003

Page 1 of 1

1st NOTICE

TRANSOCEAN OFFSHORE DEEPWATER DRILLING INC.  
ATTN: JURAN, TIM  
1311 BROADFIELD  
SUITE 400  
HOUSTON TX-77084

SUBJECT : DEEPWATER HORIZON  
CLASS NUMBER : 0130290  
THREE-MONTH SURVEY DEADLINE

Gentlemen:

In an effort to assist you in the timely completion of survey(s), we would like to inform you that the following survey(s) is (are) coming due:

**Surveys :**

Annual Automation Survey 2  
Annual Hull Survey 2  
Annual Machinery Survey 2  
Annual Survey - Drilling System 2

**Due Date**

31-May-2003  
31-May-2003  
31-May-2003  
31-May-2003

Note: The survey due date includes the window of time allotted for annual and intermediate surveys, as applicable.

If the vessel is currently under survey, please disregard this notice. If the vessel is currently laid-up, has been sold, or is out of service, we would appreciate your informing us so that we can amend our records.

We would like to point out that there are provisions in the "Rules" for extension of Drydocking, Tailshaft and Boiler surveys, if applicable. As Surveyor attendance is required for the extension, we encourage you to contact your local ABS office as soon as possible to discuss this possibility. We look forward to working with you to maintain the classification of your vessel.

Sincerely,  
AMERICAN BUREAU OF SHIPPING  
Lewis R Wise  
Assistant Chief Surveyor

By Michael Davison  
Supervisor - Class

18855 NORTHCHASE DRIVE, HOUSTON, TX 77060-6008 USA  
TEL: 281-877-6010 FAX: 281-877-6011

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027359

CONFIDENTIAL

TRN-MDL-00171880



*Injury*

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027360

CONFIDENTIAL

TRN-MDL-00171881

DEPARTMENT OF TRANSPORTATION U. S. COAST GUARD CG-2692 (Rev. 6-87)		<b>REPORT OF MARINE ACCIDENT, INJURY OR DEATH</b>			TEST ELECTRONIC VERSION UNIT CASE NUMBER				
SECTION I. GENERAL INFORMATION									
1. Name of Vessel or Facility <b>DEEPWATER HORIZON</b>		2. Official No. <b>29273-PEXT PANAMA</b>	3. Nationality <b>H3SM</b>	4. Call Sign <b>H3SM</b>	5. USCG Certificate of Inspection Issued at: <b>MOBILE CITY, LA</b>				
6. Type (Towing, Freight, Fish, Drill, etc.) <b>DRILL - MODU</b>		7. Length <b>325.88.00</b>	8. Gross Tons <b>2001</b>	9. Year Built <b>2001</b>	10. Propulsion (Steam, diesel, gas, turbine...) <b>DIESEL</b>				
11. Hull Material (Steel, Wood...) <b>STEEL</b>	12. Draft (ft. - in.) FWD. <b>75'-05"</b> AFT. <b>75'-05"</b>	13. If Vessel Classed, By Whom: (ABS, LLOYDS, DNV, BV, etc.) <b>ABS</b>		14. Date (Of occurrence) <b>18 OCT 2004</b>	15. Time (Local) <b>0720 CDT</b>				
16. Location (See instruction No. 10A) <b>LAT 27°-13.5'N LONG. 090°-01.9'W GREEN CANYON 743</b>				17. Estimated Loss or Damage TO:					
18. Name, Address & Telephone No. of Operating Co. <b>TRANSOCEAN OFFSHORE DEEPWATER DRILLING INC. 1311 BROADFIELD BLVD HOUSTON, TX 77084 USA TEL 832-587-8500</b>				VESSEL \$ <b>0</b>					
				CARGO \$ <b>0</b>					
				OTHER \$ <b>0</b>					
19. Name of Master or Person in Charge <b>MASTER BRENT R. YOUNG</b>		USCG License <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <b>039516</b>	20. Name of Pilot <b>NA</b>		USCG License <input type="checkbox"/> YES <input type="checkbox"/> NO State License <input type="checkbox"/> YES <input type="checkbox"/> NO				
19a. Street Address (City, State, Zip Code) <b>18351 LINCOLN CIRCLE VILLA PARK, CA 92861 USA</b>		19b. Telephone Number <b>(714) 997-3519</b>	20a. Street Address (City, State, Zip Code) <b>NA</b>		20b. Telephone Number <b>NA</b>				
21. Casualty Elements (Check as many as needed and explain in Block 44.)									
<table border="0" style="width:100%;"> <tr> <td style="width:33%; vertical-align: top;">           NO. OF PERSONS ON BOARD <b>132</b>  <input type="checkbox"/> DEATH- HOW MANY?  <input type="checkbox"/> MISSING- HOW MANY?  <input checked="" type="checkbox"/> INJURED- HOW MANY? <b>1</b>  <input type="checkbox"/> HAZARDOUS MATERIAL RELEASED OR INVOLVED  <i>(Identify Substance and amount in Block 44.)</i>  <input type="checkbox"/> OIL SPILL-ESTIMATE AMOUNT:   <input type="checkbox"/> CARGO CONTAINER LOST/DAMAGED  <input type="checkbox"/> COLLISION <i>(Identify other vessel or object in Block 44.)</i>  <input type="checkbox"/> GROUNDING <input type="checkbox"/> WAKE DAMAGE         </td> <td style="width:33%; vertical-align: top;"> <input type="checkbox"/> FLOODING: SWAMPING WITHOUT SINKING  <input type="checkbox"/> CAPSIZING <i>(with or without sinking)</i>  <input type="checkbox"/> FOUNDERING OR SINKING  <input type="checkbox"/> HEAVY WEATHER DAMAGE  <input type="checkbox"/> FIRE  <input type="checkbox"/> EXPLOSION  <input type="checkbox"/> COMMERCIAL DIVING CASUALTY  <input type="checkbox"/> ICE DAMAGE  <input type="checkbox"/> DAMAGE TO AIDS TO NAVIGATION  <input type="checkbox"/> STEERING FAILURE  <input type="checkbox"/> MACHINERY OR EQUIPMENT FAILURE  <input type="checkbox"/> ELECTRICAL FAILURE  <input type="checkbox"/> STRUCTURAL FAILURE         </td> <td style="width:33%; vertical-align: top;"> <input type="checkbox"/> FIREFIGHTING OR EMERGENCY EQUIPMENT FAILED OR INADEQUATE <i>(Describe in Block 44.)</i>  <input type="checkbox"/> LIFESAVING EQUIPMENT FAILED OR INADEQUATE <i>(Describe in Block 44.)</i>  <input type="checkbox"/> BLOW OUT <i>(Petroleum exploration/production)</i>  <input type="checkbox"/> ALCOHOL INVOLVEMENT <i>(Describe in Block 44.)</i>  <input type="checkbox"/> DRUG INVOLVEMENT <i>(Describe in Block 44.)</i>  <input type="checkbox"/> OTHER <i>(Specify)</i> </td> </tr> </table>							NO. OF PERSONS ON BOARD <b>132</b> <input type="checkbox"/> DEATH- HOW MANY? <input type="checkbox"/> MISSING- HOW MANY? <input checked="" type="checkbox"/> INJURED- HOW MANY? <b>1</b> <input type="checkbox"/> HAZARDOUS MATERIAL RELEASED OR INVOLVED <i>(Identify Substance and amount in Block 44.)</i> <input type="checkbox"/> OIL SPILL-ESTIMATE AMOUNT:  <input type="checkbox"/> CARGO CONTAINER LOST/DAMAGED <input type="checkbox"/> COLLISION <i>(Identify other vessel or object in Block 44.)</i> <input type="checkbox"/> GROUNDING <input type="checkbox"/> WAKE DAMAGE	<input type="checkbox"/> FLOODING: SWAMPING WITHOUT SINKING <input type="checkbox"/> CAPSIZING <i>(with or without sinking)</i> <input type="checkbox"/> FOUNDERING OR SINKING <input type="checkbox"/> HEAVY WEATHER DAMAGE <input type="checkbox"/> FIRE <input type="checkbox"/> EXPLOSION <input type="checkbox"/> COMMERCIAL DIVING CASUALTY <input type="checkbox"/> ICE DAMAGE <input type="checkbox"/> DAMAGE TO AIDS TO NAVIGATION <input type="checkbox"/> STEERING FAILURE <input type="checkbox"/> MACHINERY OR EQUIPMENT FAILURE <input type="checkbox"/> ELECTRICAL FAILURE <input type="checkbox"/> STRUCTURAL FAILURE	<input type="checkbox"/> FIREFIGHTING OR EMERGENCY EQUIPMENT FAILED OR INADEQUATE <i>(Describe in Block 44.)</i> <input type="checkbox"/> LIFESAVING EQUIPMENT FAILED OR INADEQUATE <i>(Describe in Block 44.)</i> <input type="checkbox"/> BLOW OUT <i>(Petroleum exploration/production)</i> <input type="checkbox"/> ALCOHOL INVOLVEMENT <i>(Describe in Block 44.)</i> <input type="checkbox"/> DRUG INVOLVEMENT <i>(Describe in Block 44.)</i> <input type="checkbox"/> OTHER <i>(Specify)</i>
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22. Conditions									
A. Sea or River Conditions <i>(wave height, river stage, etc.)</i> <b>WAVE HT 2 FT</b>		B. WEATHER <input checked="" type="checkbox"/> CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> FOG <input type="checkbox"/> OTHER <i>(Specify)</i>	C. TIME <input checked="" type="checkbox"/> DAYLIGHT <input type="checkbox"/> TWILIGHT <input type="checkbox"/> NIGHT	D. VISIBILITY <input checked="" type="checkbox"/> GOOD <input type="checkbox"/> FAIR <input type="checkbox"/> POOR	E. DISTANCE (miles) <i>(of visibility)</i> <b>10</b>				
					F. AIR TEMPERATURE (F) <b>81°</b>				
					G. WIND SPEED & DIRECTION <b>20 KT 173°</b>				
					H. CURRENT SPEED & DIRECTION <b>1.3 KT 054°</b>				
23. Navigation Information									
<input type="checkbox"/> MOORED, DOCKED OR FIXED		SPEED AND COURSE <b>NA 160°</b>	24. Last Port Where Bound <b>NA</b>		24a. Time and Date of Departure <b>NA</b>				
<input type="checkbox"/> ANCHORED <input checked="" type="checkbox"/> UNDERWAY OR DRIFTING									
25. Navigation Information									
25a. FOR TOWING ONLY	25a. NUMBER OF VESSELS TOWED	Empty	Loaded	Total	25b. TOTAL H.P. OF TOWING UNITS	25c. MAXIMUM SIZE OF TOW WITH TOW-BOAT(S)			
25d. <i>(Describe in Block 44.)</i>									
<input type="checkbox"/> PUSHING AHEAD <input type="checkbox"/> TOWING ASTERN <input type="checkbox"/> TOWING ALONGSIDE <input type="checkbox"/> MORE THAN ONE TOW-BOAT ON TOW									
SECTION II. BARGE INFORMATION									
26. Name		28a. Official Number		28b. Type	28c. Length	28d. Gross Tons			
26f. Year Built		26g. <input type="checkbox"/> SINGLE SKIN <input type="checkbox"/> DOUBLE SKIN	28h. Draft FWD	AFT	26i. Operating Company				
26j. Damage Amount BARGE \$		CARGO \$	OTHER \$	26k. Describe Damage to Barge					

COPY

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027361

CONFIDENTIAL

TRN-MDL-00171882

REVERSE OF CG-2692 (REV. 6-87)		SECTION III. PERSONNEL ACCIDENT INFORMATION	
27. Person Involved <input checked="" type="checkbox"/> MALE or <input type="checkbox"/> FEMALE <input type="checkbox"/> DEAD <input type="checkbox"/> MISSING <input checked="" type="checkbox"/> INJURED		27a. Name (Last, First, Middle Name) <b>ORMSBY, TRACY</b> 27b. Address (City, State, Zip Code) <b>26611 HWY 146 N. CLEVELAND, TX 77327 USA</b>	
28. Birth Date <b>OCT 17, 1969</b>		29. Telephone No. <b>(281) 592-9037</b>	30. Job Position <b>FLOOR HAND</b>
31. (Check here if off duty) <input type="checkbox"/>			
32. Employer (If different from Block 18., fill in Name, Address, Telephone No.)			
33. Person's Time A. IN THIS INDUSTRY - B. WITH THIS COMPANY - C. IN PRESENT JOB OR POSITION - D. ON PRESENT VESSEL/FACILITY - E. HOURS ON DUTY WHEN ACCIDENT OCCURRED -		YEAR(S) <b>UNKNOWN</b> <b>2</b> <b>6</b> <b>6</b> <b>7.3</b>	MONTH(S) <b>2</b> <b>8.8</b> <b>8.8</b>
34. Industry of Employer (Towing, Fishing, Shipping, Crew Supply, Drilling, etc.) <b>DRILLING</b>		35. Was the Injured Person Incapacitated 72 Hours or More? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
36. Date of Death <b>NA</b>			
37. Activity of Person at Time of Accident <b>RACKING BACK THE MUD BUCKET</b>			
38. Specific Location of Accident on Vessel/Facility <b>DRILL FLOOR</b>			
39. Type of Accident (Fall, Caught between, etc.) <b>CAUGHT BETWEEN</b>		40. Resulting Injury (Cut, Bruise, Fracture, Burn, etc.) <b>AMPUTATED END OF LEFT HAND LITTLE FINGER</b>	
41. Part of Body Injured <b>LITTLE FINGER LEFT HAND</b>		42. Equipment Involved in Accident <b>MUD BUCKET</b>	
43. Specific Object, Part of the Equipment in Block 42., or Substance (Chemical, Solvent, etc.) that directly produced the injury. <b>LATCH</b>			
SECTION IV. DESCRIPTION OF CASUALTY			
44. Describe how accident occurred, damage, information on alcohol/drug involvement and recommendations for corrective safety measures. (See instructions and attach additional sheets if necessary).  <b>WHILE RACKING BACK THE MUD BUCKET ON THE RIG FLOOR AROUND THE SET BACK STUMP, THE CLOSE FUNCTION WAS GIVEN AND BUCKET LATCH DID NOT CLOSE ALL THE WAY SHUT. AS THE CREW WAS ATTEMPTING TO PUSH UP ON THE BUCKET TO ALIGN SAME, THE INJURED PERSON'S LEFT HAND SLIPPED ONTO THE LATCH FROM THE BODY OF THE MUD BUCKET WHERE HIS HAND WAS LOCATED, AT WHICH POINT THE MUD BUCKET CONTINUED CLOSING ALL THE WAY AND CAUGHT HIS LEFT FINGER IN THE LATCH AREA.</b>			
45. Witness (Name, Address, Telephone No.) <b>DUSTIN J. BROWN 4830 PONDEROSA DRIVE LAKE CHARLES LA TEL 337-474-3552</b>		46. Witness (Name, Address, Telephone No.) <b>MICHAEL SEPULVADA 38 EL CHICO DRIVE BOULLE LA TEL 318-645-4503</b>	
SECTION V. PERSON MAKING THIS REPORT			
47. Name (PRINT) (Last, First, Middle) <b>YOUNG BRENT RUSSELL</b>		47b. Address (City, State, Zip Code) <b>18351 LINCOLN CIRCLE VILLA PARK, CA 92861-6449</b>	
47c. Title <b>CAPTAIN</b>		47d. Telephone No. <b>(714) 232-8268</b>	
47e. Date <b>OCT 20, 2004</b>			
47f. Signature <i>[Signature]</i>			
FOR COAST GUARD USE ONLY		REPORTING OFFICE:	
APPARENT CAUSE			
CASUALTY CODE <b>A B C</b>	INVESTIGATOR (Name)	DATE	APPROVED BY (Name) <b>COPY</b> DATE

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027362

CONFIDENTIAL

TRN-MDL-00171883

INTERIM  
**EXEMPTION CERTIFICATE**

Issued under the provisions of the  
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974,  
as amended, under the authority of the Government of

PANAMA  
(name of state)

by Peter M. Midboe  
*Surveyor, American Bureau of Shipping*

Particulars of Ship:

Name of Ship	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number <sup>1</sup>
DEEPWATER HORIZON	29273-PEXT	PANAMA	32,588	8764597

**THIS IS TO CERTIFY:**

That the Ship is under the authority conferred by Regulation 33 & 34 (IMMERSION SUITS & THERMO PROTECTIVE AIDS)  
of the Convention, exempted from the requirements of REGULATIONS 33 & 34 of the Convention.

Conditions, if any, on which the Exemption Certificate is granted:  
MODU WILL OPERATE SOLELY IN THE GULF OF MEXICO

Voyages, if any, for which the Exemption Certificate is granted: N/A

This certificate is valid until 10 FEBRUARY 2002, PENDING ISSUANCE OF THE FULL TERM CERTIFICATE BY  
PANAMANIAN AUTHORITIES subject to the MOBILE OFFSHORE DRILLING UNIT Certificate, to which this certificate is  
attached, remaining valid.

SAFETY CERTIFICATE (1989)



ABS

Issued at GALVESTON, TEXAS

(Place of Issue of Certificate)

10 AUGUST 2001  
(Date of Issue)

Peter M. Midboe Surveyor, American Bureau of Shipping



In accordance with the IMO Ship Identification Number Scheme, adopted by the Organization by resolution A.500(15), SLX 2-74,

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027363

CONFIDENTIAL

TRN-MDL-00171884



# FAX

TRANSOCEAN OFFSHORE DEEPWATER DRILLING INC.  
Gulf Coast Region  
1311 Broadfield Blvd, Suite 400  
HOUSTON, TX 77084

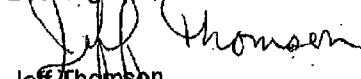
<input type="checkbox"/> URGENT	<input type="checkbox"/> FOR YOUR REVIEW	<input checked="" type="checkbox"/> REPLY ASAP	<input type="checkbox"/> PLEASE COMMENT
TO: PANAMA MARITIME AUTHORITY		DATE: FEB 08, 2002	
ATTN: Carlos Capunay		FAX #: 212-575-2285	
FROM: Jeff Thomson			
SUBJECT: Horizon Exemption For Thermal Protection & Suits		REF NO: F0001.02.08.02	
NO. OF PAGES (incl. cover): 2			

Carlos,

I am respectfully requesting another exemption from Panama to not carry immersion suits & thermal protection equipment due to the Horizon working in the Gulf of Mexico. The original 6-month exemption from Panama was obtained last year through ABS and it will expire on Feb 10, 2002. I do not know what the typical time duration for this type of exemption is, so I would like to request the longest possible period, as the Horizon is expected to work solely in the GOM for several years. I have attached the ABS Exemption Certificate for your review.

If you have any questions or require any further information from me, please do not hesitate to ask. Thank you for your attention in this matter.

Best regards,

  
Jeff Thomson  
Operations Engineer - DW Horizon  
[jthomson@houston.deepwater.com](mailto:jthomson@houston.deepwater.com)  
(832) 587 8650 - Office  
(832) 587 8738 - Fax

Cc: John Keeton  
Dave Doles

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027364

CONFIDENTIAL

TRN-MDL-00171885

INTERIM  
**EXEMPTION CERTIFICATE**

Issued under the provisions of the  
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974,  
as amended, under the authority of the Government of

PANAMA

(name of state)

by Peter M. Midboe  
Surveyor, American Bureau of Shipping

Particulars of Ship:

Name of Ship	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number <sup>1</sup>
DEEPWATER HORIZON	29273-PEXT	PANAMA	32,588	8764597

**THIS IS TO CERTIFY:**

That the Ship is under the authority conferred by Regulation 33 & 34 (IMMERSION SUITS & THERMO PROTECTIVE AIDS)

of the Convention, exempted from the requirements of REGULATIONS 33 & 34  
\_\_\_\_\_ of the Convention.

Conditions, if any, on which the Exemption Certificate is granted:  
MODU WILL OPERATE SOLELY IN THE GULF OF MEXICO

Voyages, if any, for which the Exemption Certificate is granted:  
N/A

This certificate is valid until 10 FEBRUARY 2002, PENDING ISSUANCE OF THE FULL TERM CERTIFICATE BY  
PANAMANIAN AUTHORITIES subject to the MOBILE OFFSHORE DRILLING UNIT  
SAFETY CERTIFICATE (1989) Certificate, to which this certificate is attached, remaining valid.



Issued at GALVESTON, TEXAS

(Place of Issue of Certificate)

10 AUGUST 2001  
(Date of Issue)

Peter M. Midboe Surveyor, American Bureau of Shipping



In accordance with the IMO Ship Identification Number Scheme, adopted by the Organization by resolution A.800(16).

SLX 2-74

Revision 0 (Rev. 4/96)

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027365

CONFIDENTIAL

TRN-MDL-00171886

**AMERICAN BUREAU OF SHIPPING**ABS Plaza - 16855 Northchase Drive  
Houston, TX 77060-8008

Page 1 of 2

Report No.: NO257980

Date: 27 JUNE 2002

Port: NEW ORLEANS, LOUISIANA

**"DEEPWATER HORIZON"  
ABSID 0139290**

The undersigned surveyor to this Bureau did, at the request of the owner's representative, attend the MODU "Deepwater Horizon" of Panama, IMO No. 8764597, Official No. 29273-PEXT, as the vessel was underway in the Gulf of Mexico on the 26<sup>th</sup> of June 2002 and subsequent dates in order to report on the request to permanently increase the number of persons on board. For details refer to the following report below:

**Modifications Survey (commenced)**

1. The owners have requested a permanent increase in the number of persons on board the subject MODU from 130 persons to 140 persons.
2. All lifesaving appliances for the subject MODU have been examined and verified to reflect the number of persons on board for which the subject MODU can accommodate. See below:
  - a. Four (4) Lifeboats were modified to meet the requirements for 73 persons each:
    - 1) Food rations totaling not less than 10,000 kJ for each additional eight (8) persons were added to each lifeboat for a total of 73 food rations per lifeboat.
    - 2) Watertight receptacles containing a total of 3 Liters of fresh water per person were increased to provide water for an additional eight (8) persons per lifeboat.
    - 3) Eight (8) additional seats were installed totaling seventy-three (73) seats per lifeboat.
    - 4) Seasickness pills were confirmed to be sufficient for the additional eight (8) persons per lifeboat.
  - b. Six (6) existing life rafts with a capacity of twenty-five (25) persons each were found with three (3) located forward and aft.
  - c. Life jackets were confirmed to meet the requirements of SOLAS and exceed the number required. One hundred ninety-five (195) total lifejackets.
  - d. Safety and Fire Control Plan was marked to reflect the changes above.
3. The Four (4) Lifeboats were dynamically tested as per the 1989 IMO MODU Code section 10.6.1 and the 1997 SOLAS Chapter III, Section VI - "Launching & Embarkation Appliances", 48.1.6.1 and all considered satisfactory.
  - a. Each lifeboat winch brake was load tested by installing six (6) water bags filled with 1,596 gallons of water to provide a proof load of 1.1 times the maximum working load, which is equivalent to a capacity of seventy-three (73) persons, the weight of the lifeboat, and lifeboat equipment.
    - 1) Proof Load: 22,222 lbs
    - 2) Maximum Working Load: 20,202 lbs

Note: This Report evidences compliance with one or more of the Rules, guides, standards or other criteria of 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 structure, item of material, equipment, machinery or any other item covered by this Report has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. 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 contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, assembler, supplier, repainer, operator or other entity of any warranty express or implied.

AB 141

Revision 4

Confidential Treatment Requested by Transocean Holdings LLC

TRN-HCJ-00027366

CONFIDENTIAL

TRN-MDL-00171887

**AMERICAN BUREAU OF SHIPPING**ABS Plaza -- 16866 Northchase Drive  
Houston, TX 77060-8006

Page 1 of 1

Report No.: NO253042

Date: 27 JUNE 2002

Port: NEW ORLEANS, LOUISIANA

**"Deepwater"**  
**ABSID 0139290**

Attachment to Conditional MODU Code Certificate dated 27 June 2002.

**Lifesaving Equipment**

Two (2) totally enclosed, fire protected Lifeboat/Rescue boat located forward port and starboard, capable of accommodating 73 persons each.

Two (2) totally enclosed, fire protected Lifeboat/Rescue boat located aft port and starboard, capable of accommodating 73 persons each.

Three (3) twenty-five (25) person, davit launched life rafts located forward and capable of floating free.

Three (3) twenty-five (25) person, davit launched life rafts located aft and capable of floating free.

Ten (10) life buoys.

One hundred ninety-five lifejackets.

Immersion suits and thermal protective aids exempted as per Exemption Certificate issued by the Republic of Panama Maritime Authority on 24 April 2002, valid until 28 February 2005.

**Navigation Equipment**

Radar direction finder exempted as per letter S-1/RAA dated 18 January 2001.

Magnetic compass SOLAS V regulation 12 (b)(i) (4) superseded by ABS New York Regulatory Affairs E-mail dated 13 February 2001 as two (2) Gyro repeaters available together covering 360-degree arc.

  
Merwyn R. Oliveria - ABS Surveyor  


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# AMERICAN BUREAU OF SHIPPING

ABS Plaza - 16855 Northchase Drive  
Houston, TX 77060-6008

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Page 1 of 1

Report No.: NO257980

Date: 27 JUNE 2002

Port: NEW ORLEANS, LOUISIANA

## "DEEPWATER HORIZON" ABSID 0139290

The undersigned surveyor to this Bureau did, at the request of the owner's representative, attend the MODU "Deepwater Horizon" of Panama, IMO No. 8764597, Official No. 29273-PEXT, as the vessel was underway in the Gulf of Mexico on the 26<sup>th</sup> of June 2002 and subsequent dates in order to report on the request to permanently increase the number of persons on board. For details refer to the following report below:

### Modifications Survey (commenced)

1. The owners have requested a permanent increase in the number of persons on board the subject MODU from 130 persons to 140 persons.
2. All lifesaving appliances for the subject MODU have been examined and verified to reflect the number of persons on board for which the subject MODU can accommodate. See below:
  - a. Four (4) Lifeboats were modified to meet the requirements for 73 persons each:
    - 1) Food rations totaling not less than 10,000 kJ for each additional eight (8) persons were added to each lifeboat for a total of 73 food rations per lifeboat.
    - 2) Watertight receptacles containing a total of 3 Liters of fresh water per person were increased to provide water for an additional eight (8) persons per lifeboat.
    - 3) Eight (8) additional seats were installed totaling seventy-three (73) seats per lifeboat.
    - 4) Seasickness pills were confirmed to be sufficient for the additional eight (8) persons per lifeboat.
  - b. Six (6) existing life rafts with a capacity of twenty-five (25) persons each were found with three (3) located forward and aft.
  - c. Life jackets were confirmed to meet the requirements of SOLAS and exceed the number required. One hundred ninety-five (195) total lifejackets.
  - d. Safety and Fire Control Plan was marked to reflect the changes above.

3. Owner's Representatives have requested to conduct a load test of the four (4) lifeboats in order to revert back to the original capacity as load tested by the manufacturer's during new construction of the subject unit. The Undersigned reviewed the original certificates and confirmed that the load test conducted by the manufacturer during new construction of the subject unit was for 73 persons. It was also confirmed that the lifeboats were tested at a reduced capacity of 65 persons after construction. At this time, the owner's representatives are requesting to test the lifeboats to the original capacity of 73 persons, which is not an upgrade from the original manufacturer's specification as noted above.

4. The Four (4) Lifeboats were dynamically tested as per the 1989 IMO MODU Code section 10.6.1 and the 1997 SOLAS Chapter III, Section VI - "Launching & Embarkation Appliances", 48.1.6.1 and all considered satisfactory.

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# AMERICAN BUREAU OF SHIPPING

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REPORT No.: NO257980

Date: 27 JUNE 2002

Port: NEW ORLEANS, LOUISIANA

- a. Each lifeboat winch brake was load tested by installing six (6) water bags filled with 1,596 gallons of water to provide a proof load of 1.1 times the maximum working load, which is equivalent to a capacity of seventy-three (73) persons, the weight of the lifeboat, and lifeboat equipment.
    - 1) Proof Load: 22,222 lbs
    - 2) Maximum Working Load: 20,202 lbs
  - b. The proof load was applied to the winch brake and dynamically tested by lowering the boat at maximum lowering speed and applying the winch brake at two (2) 10' increments. All were tested and considered satisfactory.
  - c. 

The on-load hook release gear was not tested at this time due to the sea conditions and was not required at this time. In addition, the above tests were not carried out as an upgrade to the original specifications, and therefore, same not considered necessary.
5. The following "Crew Sleeping Rooms" for miscellaneous ratings were modified from a two-man occupancy to a four-man occupancy: Cabin I.D. nos. 232, 233, 234, 237, 238, and 239. Cabin I.D. no. 242 was modified from a two-man berth to an office.
- a. The modified "Crew Sleeping Rooms" were confirmed to comply with the requirements as set forth in ILO Conventions 92, as instructed in the Panamanian DCMA Merchant Marine Circular No. 57.
  - b. The rooms were measured and found with a minimum of 51 ft<sup>2</sup> of living space and 41 ft<sup>2</sup> of floor space.
  - c. Crew is expecting to accommodate six (6) additional persons in the future. The Undersigned considers the three (3) rooms, which will be installed with two (2) additional berths, to be more than adequate and considered satisfactory to meet the requirements as set forth in ILO Conventions 92.
  - d. An existing full term ILO Certificate of Inspection of Crew Accommodation issued by Balboa, Panama on 15 May 2001 and made valid until 30 March 2005 was sited on board, with the Record of Approved Accommodation Details (ILO PAN) issued by ABS Ulsan Report No. UL-10865, dated 23 February 2001, found attached.
  - e. The last page of the Record of Approved Accommodation Details (ILO PAN) was issued and attached to the existing Record of Approved Accommodation Details issued by ABS Ulsan Report No. UL-10865 dated 23 February 2001, in order to make corrections to reflect the number of persons increased from 130 to 140 and the addition of berths in the "Crew Sleeping Rooms" located on the second level.
6. It is recommended that the modifications to the quarters, including the Operations Manual and Safety & Fire Control Plan be reviewed and approved by ABS Offshore Engineering Department by 27 September 2002 and prior to re-issuing a full term MODU Code Certificate made valid until 28 February 2006.
7. It is recommended that authorization from the Panama Maritime Authority be requested to permanently increase the number of persons from 130 to 140 by 27 September 2002 and prior to re-issuing the Full term MODU Code certificate and ILO Certificate of Inspection of Crew Accommodation made valid until 30 March 2005.
8. Upon satisfactory review and approval of the modifications by ABS Offshore Engineering Department and authorization by the Panama Maritime Authority, it is recommended that the ILO Certificate of Inspection of Crew Accommodation be re-issued to reflect the changes pending full term made valid until 30 March 2005.

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TRN-MDL-00171890



# AMERICAN BUREAU OF SHIPPING

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REPORT No.: NO257980

Date: 27 JUNE 2002

Port: NEW ORLEANS, LOUISIANA

9. An Interim ILO Certificate of Inspection of Crew Accommodation was issued to reflect 140 persons and made valid until 27 September 2002 pending review of the above modifications by ABS Offshore Engineering Department and authorization by the Panama Maritime Authority.
10. A MODU Code Safety Certificate was issued to reflect life-saving appliances provided for a total number of 146 persons and made valid until 27 September 2002 pending review and approval of the modifications, Operations Manual, and Safety & Fire Control Plan and authorization by the Panama Maritime Authority.



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**AMERICAN BUREAU OF SHIPPING**  
**CLASS SURVEY REPORT**

REVISED 8 AUGUST 2002

Vessel Name **DEEPWATER HORIZON**  
Port Of Attendance **New Orleans**  
First Visit Date **26-JUN-2002**

Class Number **0139290**  
Report Number **NO257980**  
Last Visit Date **27-JUN-2002**

THIS is to certify that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the DEEPWATER HORIZON, of Panama, Panama, Class Number 0139290, IMO NUM 8764597, on 26-Jun-2002 as the vessel lay Afloat, in order to carry out the survey(s) noted below.

**REMARKS**

Conditional ILO Certificate issued valid until 27 September 2002 pending review of modifications.

Report	Survey Description	Description	Status	Outstanding Recommendation
NO257980_B	Modification Survey	Examine additional berths, Re-issue ILO Certificate	Commenced	Yes

**CLOSING PARAGRAPH**

IT IS RECOMMENDED THAT THIS VESSEL BE RETAINED AS CLASSED WITH THIS BUREAU.

**SURVEYOR(S) TO THE AMERICAN BUREAU OF SHIPPING**

Oliveria, Merwyn R.

Employee ID 518

**REVIEWED BY**

*M.P. POCOCK*

Employee ID

Port

*new account*

\* TOTAL PAGES INCLUDING CHECKSHEET PAGE 1 OF 2

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TRN-MDL-00171892



**AMERICAN BUREAU OF SHIPPING**  
**STATUTORY INSPECTION REPORT**

REVISED 8 AUGUST 2002

Vessel Name **DEEPWATER HORIZON**  
Port Of Attendance **New Orleans**  
First Visit Date **26-JUN-2002**

Class Number **0138290**  
Report Number **NO257980**  
Last Visit Date **27-JUN-2002**

THIS is to certify that the undersigned surveyor(s) to this Bureau, did at the request of the Owners representative attend the DEEPWATER HORIZON, of Panama, Panama, Class Number 0138290, IMO NUM 8764597, on 26-Jun-2002 as the vessel lay Afloat, in order to carry out the inspection(s) noted below.

**REMARKS**

Conditional ILO Certificate issued valid until 27 September 2002 pending review of modifications.

Report	Survey Description	Description	Status	Outstanding Deficiencies
NO257980_A	Other Survey - Statutory	Increase Max allowable persons, verify life saving equip & lifeboat capacity; Re-issue MODU Cert.	Commenced	Yes

Certificate	Certificate Description	Issue Date	Expiry Date	Term	Status
37532	Mobile Offshore Drilling Unit (MODU) Certificate (1989)	27-JUN-2002	27-SEP-2002	Conditional	Issued

**SURVEYOR(S) TO THE AMERICAN BUREAU OF SHIPPING**

Oliveria, Merwyn R

Employee ID 518

**REVIEWED BY**

Date 8 AUG 2002 Port

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