

***ANEXO II.2.4-1 - CERTIFICADOS DOS FPSOS BW  
CIDADE DE SÃO VICENTE E DYNAMIC PRODUCER***



FPSO BW Cidade de São Vicente - IAPP

	<b>DET NORSKE VERITAS</b>		Certificate no.: 27172
	<b>INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE</b>		Date of issue: 2010-02-23
Issued under the provisions of the Protocol of 1997 to amend the International Convention for the Prevention of Pollution from Ships, 1973, as modified of the Protocol of 1978 related thereto, and as amended by resolution MEPC.132(53), (hereinafter referred to as "the Convention") under the authority of the Government of			
<b>BERMUDA</b>			
by Det Norske Veritas AS			
<b>Particulars of Ship</b>			
Name of Ship:	"BW CIDADE DE SAO VICENTE"		
Distinctive Number or Letters:	ZCDS5		
IMO Number:	7380693		
Port of Registry:	HAMILTON		
Gross Tonnage:	72654		
Type of ship:	<input type="checkbox"/> Tanker <input checked="" type="checkbox"/> Ship other than tanker		
THIS IS TO CERTIFY:			
1. That the ship has been surveyed in accordance with regulation 5 of Annex VI of the Convention; and 2. That the survey shows that the equipment, systems, fittings, arrangements and materials fully comply with the applicable requirements of Annex VI of the Convention.			
Remarks/Recommendations:			
This Certificate is valid until <b>2014-04-03</b> subject to surveys in accordance with Regulation 5 of Annex VI of the Convention.			
Completion date of survey on which this Certificate is based: <b>2009-04-03</b>			
Issued at Høvik, Norway on 2010-02-23			
			for Det Norske Veritas AS  Alf Roger Skevig Head of Section
This certificate is issued by or on behalf of BERMUDA under the responsibility of the United Kingdom as Flag State under the Convention			
DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com Form No.: IAPP 101a Issue: January 2010 Page 1 of 6			

**FPSO BW Cidade de São Vicente - IAPP**

Name of ship: "BW CIDADE DE SAO VICENTE"		Certificate No: 27172
		Date of issue: 2010-02-23
<b>Endorsement for annual and intermediate surveys</b>		
THIS IS TO CERTIFY that, at a survey required by Regulation 5 of Annex VI of the Convention, the ship was found to comply with the relevant provisions of the Convention.		
1st annual survey:	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
2nd annual/intermediate <sup>1</sup> survey:	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
3rd annual/intermediate <sup>1</sup> survey:	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
4th annual survey:	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
<b>Annual/intermediate survey in accordance with Regulation 9(8) (c)</b>		
THIS IS TO CERTIFY that, at an annual/intermediate <sup>1</sup> survey in accordance with Regulation 9(8)(c) of Annex VI of the Convention, the ship was found to comply with the relevant provisions of the Convention.		
	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
<b>Endorsement to extend the Certificate if valid for less than 5 years where Regulation 9(3) applies</b>		
The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with Regulation 9(3) of Annex VI of the Convention, be accepted as valid until: .....		
	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
<sup>1</sup> Delete as appropriate.		
DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com Form No.: IAPP 101a Issue: January 2010 <span style="float: right;">Page 2 of 6</span>		

FPSO BW Cidade de São Vicente - IAPP

Name of ship: "BW CIDADE DE SAO VICENTE"	Certificate No: 27172 Date of issue: 2010-02-23
<p><b>Endorsement where the renewal survey has been completed and article 9(4) applies.</b>                  The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with Regulation 9(4) of Annex VI of the Convention, be accepted as valid until:</p> <p style="text-align: center;">Place: ..... Date: .....</p> <p style="text-align: right;">Signature: .....</p> <p>Stamp _____ Surveyor, Det Norske Veritas AS</p>	
<p><b>Endorsement to extend the validity of the Certificate until reaching the port of survey or for a period of grace where Regulation 9(5) or 9(6) applies.</b>                  This Certificate shall, in accordance with Regulation 9(5)<sup>2</sup> or 9(6)<sup>2</sup> of Annex VI of the Convention, be accepted as valid until:</p> <p style="text-align: center;">Place: ..... Date: .....</p> <p style="text-align: right;">Signature: .....</p> <p>Stamp _____ Surveyor, Det Norske Veritas AS</p>	
<p><b>Endorsement for advancement of anniversary date where Regulation 9(8) applies.</b>                  In accordance with Regulation 9(8) of Annex VI of the Convention, the new anniversary date is:</p> <p style="text-align: center;">Place: ..... Date: .....</p> <p style="text-align: right;">Signature: .....</p> <p>Stamp _____ Surveyor, Det Norske Veritas AS</p>	
<p>In accordance with Regulation 9(8) of Annex VI of the Convention, the new anniversary date is:</p> <p style="text-align: center;">Place: ..... Date: .....</p> <p style="text-align: right;">Signature: .....</p> <p>Stamp _____ Surveyor, Det Norske Veritas AS</p>	
<p><sup>2</sup> Delete as appropriate</p>	
<p>DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com                  Form No.: IAPP 101a Issue: January 2010 <span style="float: right;">Page 3 of 6</span></p>	

FPSO BW Cidade de São Vicente - IAPP

## DET NORSKE VERITAS

### SUPPLEMENT TO INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

(IAPP CERTIFICATE)

Record no.:  
27172  
Date of issue:  
2010-02-23

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**RECORD OF CONSTRUCTION AND EQUIPMENT**  
In respect of the provisions of Annex VI 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").

This Record shall be permanently attached to the IAPP Certificate. The IAPP Certificate shall be available on board the ship at all times.

The Record shall be at least in English, French or Spanish. If an official language of the issuing country is also used, this shall prevail in case of a dispute or discrepancy.

Entries in boxes shall be made by inserting either a cross (x) for the answers "yes" and "applicable" or a dash (-) for the answers "no" and "not applicable" as appropriate.

Unless otherwise stated, regulations mentioned in this Record refer to regulations of Annex VI of the Convention and resolutions or circulars refer to those adopted by the International Maritime Organization.

**1. Particulars of ship**

1.1	Name of ship	"BW CIDADE DE SAO VICENTE"
1.2	Distinctive number or letters	ZCDS5
1.3	IMO number	7380693
1.4	Port of registry	HAMILTON
1.5	Gross tonnage	72654
1.6	Date on which keel was laid or ship was at similar stage of construction	1975-05-23
1.7	Date of commencement of major engine conversion (if applicable) (regulation 13)	2009-04-03

**2. Control of emissions from ships**

**2.1 Ozone-depleting substances (Regulation 12)**

2.1.1 The following fire extinguishing systems and equipment containing halons may continue in service:

System equipment	Location on board

2.1.2 The following systems and equipment containing CFCs may continue in service:

System equipment	Location on board

2.1.3 The following system containing hydro-chlorofluorocarbons (HCFCs) installed before 1 January 2020 may continue in service:

System equipment	Location on board

DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com  
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FPSO BW Cidade de São Vicente - IAPP

Name of ship: "BW CIDADE DE SAO VICENTE" Record no.: 27172  
Date of issue: 2010-02-23

**2.2 Nitrogen Oxides (NOx) (Regulation 13)**

2.2.1 The following diesel engines with power output greater than 130 kW<sup>(3)</sup>, and installed on a ship constructed on or after 1 January 2000, comply with the emission standards of Regulation 13(3)(a) in accordance with the NOx Technical Code:

Manufacturer & Model	Serial No.	Use	Power output (kW)	Rated speed (rpm)

2.2.2 The following diesel engines with power output greater than 130 kW<sup>(3)</sup>, and which underwent major conversion per regulation 13(2) on or after 1 January 2000, comply with the emission standards of Regulation 13(3)(a) in accordance with the NOx Technical Code:

Manufacturer & Model	Serial No.	Use	Power output (kW)	Rated speed (rpm)
Caterpillar Model 3406C (0K-3020)	3ER09655	PS Crane	365.5	2100

2.2.3 The following diesel engines with power output greater than 130 kW<sup>(3)</sup>, and installed on a ship constructed on or after 1 January 2000, or with a power output greater than 130 kW and which underwent major conversion per regulation 13(2) on or after 1 January 2000, are fitted with an exhaust gas cleaning system or other equivalent methods in accordance with regulation 13(3), and the NOx Technical Code:

Manufacturer & Model	Serial No.	Use	Power output (kW)	Rated speed (rpm)

2.2.4 The following diesel engines from 2.2.1, 2.2.2 and 2.2.3 above are fitted with NOx emission monitoring and recording devices in accordance with the NOx Technical Code:

Manufacturer & Model	Serial No.	Use	Power output (kW)	Rated speed (rpm)

**2.3 Sulphur Oxides (SO<sub>x</sub>) (Regulation 14)**

2.3.1 When the ship operates within an SO<sub>x</sub> emission control area specified in regulation 14(3), the ship uses:

2.3.1.1 fuel oil with a sulphur content that does not exceed 1,5 % m/m as documented by bunker delivery notes; or

2.3.1.2 an approved exhaust gas cleaning system to reduce SO<sub>x</sub> emissions below 6,0 g SO<sub>x</sub>/kWh; or

2.3.1.3 other approved technology to reduce SO<sub>x</sub> emissions below 6,0 g SO<sub>x</sub>/kWh

**2.4 Volatile organic compounds (Regulation 15)**

2.4.1 The tanker has a vapour collection system installed and approved in accordance with IMO MSC/Circ.585<sup>(4)</sup>:

**2.5 Shipboard Incineration (Regulation 16)**

2.5.1 The ship has an incinerator:



2.5.1.1 which complies with resolution MEPC.76(40) as amended

2.5.1.2 installed before 1 January 2000 which does not comply with resolution MEPC.76(40) as amended

<sup>3</sup> Note that Reg. 13 is not applicable for lifeboat engines, emergency diesel generators and emergency fire pump diesel engines.  
<sup>4</sup> Ships with DNV Class notation VCS-1 or VCS-2 (compliance with USCG CFR 46 Part 39) comply with IMO MSC/Circ.585.


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### FPSO BW Cidade de São Vicente - IAPP

Name of ship: "BW CIDADE DE SAO VICENTE"	Record no.: 27172 Date of issue: 2010-02-23
Remarks / Supplementary information:	
THIS IS TO CERTIFY that this Record is correct in all respects. Issued at Høvik, Norway on 2010-02-23	
 for Det Norske Veritas AS  Morten Ingvaldsen Surveyor	
DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com Form No.: IAPP 101a Issue: January 2010 Page 6 of 6	



FPSO BW Cidade de São Vicente - IOPP



**DET NORSKE VERITAS**

**INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE**

This Certificate shall be supplemented by Record of Construction and Equipment

Certificate no.: 27172  
Date of issue: 2010-09-20

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, as amended, (hereinafter referred to as "the Convention") under the authority of the Government of

**BERMUDA**

by Det Norske Veritas AS

**Particulars of Ship**

Name of Ship:	"BW CIDADE DE SAO VICENTE"
Distinctive Number or Letters:	ZCDS5
Port of Registry:	HAMILTON
Gross Tonnage:	72654
Deadweight of ship (metric tons) <sup>1</sup> :	-
IMO Number:	7380693

**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:

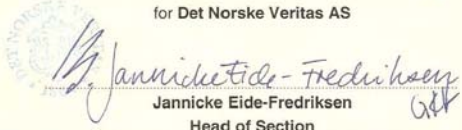
1. That the ship has been surveyed in accordance with Regulation 6 of Annex I of the Convention.
2. That the survey shows that the structure, equipment, systems, fittings, arrangements and material of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.

Remarks/Recommendations:  
This vessel is a FPSO and has been fitted with IOPP Supplement 530a in line with MEPC.139(53).

This Certificate is valid until 2014-04-03 <sup>2</sup> subject to surveys in accordance with Regulation 6 of Annex I of the Convention.

Completion date of survey on which this Certificate is based: 2010-04-25

Issued at Hovik, Norway on 2010-09-20

  
**Jannicke Eide-Fredriksen**  
 Head of Section

This certificate is issued by or on behalf of BERMUDA under the responsibility of the United Kingdom as Flag State under the Convention

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<sup>1</sup> For oil tankers  
<sup>2</sup> Insert the date of expiry as specified by the Administration in accordance with Regulation 10.1 of Annex I of the Convention. The day and the month of this date correspond to anniversary date as defined in Regulation 1.27 of Annex I of the Convention, unless amended in accordance with Regulation 10.8 of Annex I of the Convention.

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FPSO BW Cidade de São Vicente - IOPP

Name of ship: "BW CIDADE DE SAO VICENTE"		Certificate No: 27172
		Date of issue: 2010-09-20
<b>Endorsement for annual and intermediate surveys</b>		
THIS IS TO CERTIFY that, at a survey required by Regulation 6 of Annex I of the Convention, the ship was found to comply with the relevant provisions of the Convention.		
1st annual survey:	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
2nd annual/intermediate <sup>3</sup> survey:	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
3rd annual/intermediate <sup>3</sup> survey:	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
4th annual survey:	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
<b>Annual/intermediate survey in accordance with Regulation 10.8.3</b>		
THIS IS TO CERTIFY that, at an annual/intermediate <sup>3</sup> survey in accordance with Regulation 10.8.3 of Annex I of the Convention, the ship was found to comply with the relevant provisions of the Convention.		
	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
<b>Endorsement to extend the Certificate if valid for less than 5 years where Regulation 10.3 applies</b>		
The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with Regulation 10.3 of Annex I of the Convention, be accepted as valid until: .....		
	Place: .....	Date: .....
		Signature: .....
Stamp		Surveyor, Det Norske Veritas AS
<small><sup>3</sup> Delete as appropriate.</small> <small>DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Hovik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com                      Form No.: IOPP 501a Issue: January 2010 Page 2 of 3</small>		


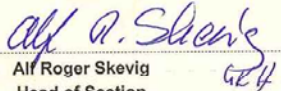
### FPSO BW Cidade de São Vicente - IOPP

Name of ship: "BW CIDADE DE SAO VICENTE"		Certificate No: 27172	
		Date of issue: 2010-09-20	
<b>Endorsement where the renewal survey has been completed and Regulation 10.4 applies.</b>			
The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with Regulation 10.4 of Annex I of the Convention, be accepted as valid until: .....			
Place: .....		Date: .....	
Stamp		Signature: .....	
		Surveyor, Det Norske Veritas AS	
<b>Endorsement to extend the validity of the Certificate until reaching the port of survey or for a period of grace where Regulation 10.5 or 10.6 applies.</b>			
This Certificate shall, in accordance with Regulation 10.5 <sup>4</sup> or 10.6 <sup>4</sup> of Annex I of the Convention, be accepted as valid until: .....			
Place: .....		Date: .....	
Stamp		Signature: .....	
		Surveyor, Det Norske Veritas AS	
<b>Endorsement for advancement of anniversary date where Regulation 10.8 applies.</b>			
In accordance with Regulation 10.8 of Annex I of the Convention, the new anniversary date is: .....			
Place: .....		Date: .....	
Stamp		Signature: .....	
		Surveyor, Det Norske Veritas AS	
In accordance with Regulation 10.8 of Annex I of the Convention, the new anniversary date is: .....			
Place: .....		Date: .....	
Stamp		Signature: .....	
		Surveyor, Det Norske Veritas AS	
<small><sup>4</sup> Delete as appropriate</small>			
<small>DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Hovik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com Form No.: IOPP 501a Issue: January 2010 Page 3 of 3</small>			

FPSO BW Cidade de São Vicente - ISPP

	<b>DET NORSKE VERITAS</b>		DNV Id No: 27172 Date of issue: 2009-07-09
	<b>INTERNATIONAL SEWAGE POLLUTION PREVENTION CERTIFICATE</b>		
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, as amended, (hereinafter referred to as "the Convention")			
under the authority of the Government of  <b>BERMUDA</b>  by Det Norske Veritas AS			
<b>Particulars of Ship</b>			
Name of Ship:	"BW CIDADE DE SAO VICENTE"		
Distinctive number or letters:	ZCDS5		
Port of registry:	HAMILTON		
Gross tonnage:	72247		
IMO number:	7380693		
Number of persons which the ship is certified to carry:	80		
Date of building contract:	1973-03-27		
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:	1995-04-05		
Date of delivery:	1976-02-10		
<input checked="" type="checkbox"/> Existing ship <input type="checkbox"/> New ship			
Remarks/Recommendations:			
<small>If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.</small>			
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FPSO BW Cidade de São Vicente - ISPP

Name of ship: "BW CIDADE DE SAO VICENTE"	Certificate No: 27172 Date of issue: 2009-07-09
THIS IS TO CERTIFY:	
1 That the ship is equipped with:	
<input checked="" type="checkbox"/> Sewage Treatment Plant* <input type="checkbox"/> Sewage Comminuter* <input type="checkbox"/> Sewage Holding Tank* <input checked="" type="checkbox"/> Pipeline for the discharge to a reception facility*	
1.1 Description of the sewage treatment plant:	
Type of sewage treatment plant	Biological Treatment Plant Type 4A Super Trident
Name of manufacturer	Hamworthy KSE Ltd.
The sewage treatment plant is certified by the Administration to meet the effluent standards as provided for in resolution MEPC.2(VI).	
1.2 Description of comminuter:	
Type of comminuter	-
Name of manufacturer	-
Standard of sewage after disinfection	-
1.3 Description of sewage holding tank equipment:	
Total capacity of the holding tank	- m3
Location	-
1.4 A pipeline for the discharge of sewage to a reception facility, fitted with a standard shore connection.	
2 That the ship has been surveyed in accordance with Regulation 4 of Annex IV of the Convention.	
3 That the survey shows that the structure, equipment, systems, fittings, arrangements and materials of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex IV of the Convention.	
This Certificate is valid until 2014-04-03. <sup>1</sup>	
subject to surveys in accordance with Regulation 4 of Annex IV of the Convention.	
Completion date of survey on which this Certificate is based: 2009-04-03	
Issued at Høvik, Norway on 2009-07-09	
	for Det Norske Veritas AS  Alf Roger Skevig Head of Section
<small>* Entries in boxes shall be made by inserting either a cross (x) for the answers 'yes' and 'applicable' or a dash (-) for the answers 'no' and 'not applicable' as appropriate.  <sup>1</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 the month of this date correspond to the anniversary date as defined in Regulation 1.8 of Annex IV of the Convention.</small>	
<small>DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com          Form No.: ISPP 501a Issue: July 2008 Page 2 of 3</small>	

### FPSO BW Cidade de São Vicente - ISPP

Name of ship: "BW CIDADE DE SAO VICENTE"		Certificate No: 27172	
		Date of issue: 2009-07-09	
<b>Endorsement where the renewal survey has been completed and regulation 8.4 applies</b>			
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 (yyyy-mm-dd).			
Place: .....		Date: .....	
Signature: .....		Surveyor, Det Norske Veritas AS	
Stamp			
<b>Endorsement to extend the validity of the certificate until reaching the port of survey or for a periode of grace where regulation 8.5 or 8.6 applies</b>			
This Certificate shall, in accordance with Regulation 8.5* or 8.6* of Annex IV of the Convention, be accepted as valid until (yyyy-mm-dd).			
Place: .....		Date: .....	
Signature: .....		Surveyor, Det Norske Veritas AS	
Stamp			
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FPSO BW Cidade de São Vicente - Declaração de Conformidade da Marinha



**MARINHA DO BRASIL**  
**Capitania dos Portos do Rio de Janeiro**

**DECLARAÇÃO PROVISÓRIA PARA OPERAÇÃO DE PLATAFORMAS**  
**(INTERIN STATEMENT FOR OFFSHORE INSTALLATIONS)**

Nº de inscrição: 381E005810

Certifico que a plataforma **BW CIDADE DE SÃO VICENTE**, bandeira **Bermudas**, nº IMO **7380693**,  
*This is to Certify that the offshore installation BW CIDADE DE SÃO VICENTE, flag Bermuda, IMO Number 7380693,*

nº de inscrição **381E005810**, classificado pela **Det Norske Veritas**, foi submetida à  
*Registration Number 381E005810, classified by Det Norske Veritas, was submitted to*

**PERÍCIA TÉCNICA** para efetuar atividades de perfuração, produção e armazenamento de petróleo e/ou gás  
*TECHNICAL INVESTIGATION for drilling, production and storage activities of petroleum and/ or natural gas*

em **16/03/2012**, em **Bacia de Santos**, de acordo com o estabelecido nas Normas da Autoridade Marítima  
*in 03/16/2012, at Bacia de Santos, in accordance with the requirements established in the Maritime Authority's*

para Operação de Plataformas - **NORMAM 01 - Capítulo 9** e está autorizada a operar até a  
*Regulation for Offshore Installation Operation - NORMAM 01 - Chapter 9 and is authorized to operate until*

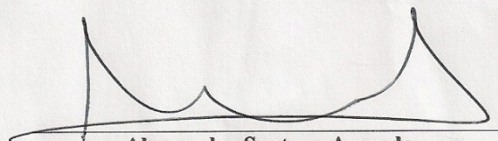
data de validade desta Declaração, condicionada ao cumprimento das exigências do **Relatório de Perícia em anexo**.  
*the validity date of this Statement conditioned to compliance with the outstanding requirements noted in the attached Investigation Report.*

Esta Declaração, emitida nos Termos do Convênio firmado entre a Diretoria de Portos e Costas - **DPC** e a  
*This Statement was issued under the terms of the Agreement signed by the Directorate of Ports and Coasts - DPC and the*

Agência Nacional do Petróleo - **ANP**, constitui documento válido para operação em Águas Jurisdicionais Brasileiras - **AJB**.  
*National Petroleum Agency - ANP and constitutes valid document for operation in Brazilian Jurisdictional Waters - AJB.*


Emitido na **Capitania dos Portos do Rio de Janeiro**, em **21/03/2012**.  
*Issued at Capitania dos Portos do Rio de Janeiro, in 03/21/2012.*

Válido até **15/06/2012**.  
*Valid until 06/15/2012.*



**Alexsandro Santana Azevedo**  
**Capitão-de-Fragata**  
**Enc. do Dep de Segurança do Tráfego Aguaviário**

FPSO Dynamic Producer - IAPP



**DET NORSKE VERITAS**

**INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE**

Certificate no.:  
14704  
Date of issue:  
2010-10-05

Issued under the provisions of the Protocol of 1997 as amended by resolution MEPC.176(58) in 2008, to amend the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 related thereto (hereinafter referred to as "the Convention") under the authority of the Government of

**THE REPUBLIC OF LIBERIA**

by Det Norske Veritas AS

**Particulars of Ship**

Name of Ship:	"DYNAMIC PRODUCER"
Distinctive Number or Letters:	A8NR3
Port of Registry:	MONROVIA
Gross Tonnage:	73641
IMO Number:	8500616

Type of ship:  Tanker  
 Ship other than tanker

THIS IS TO CERTIFY:

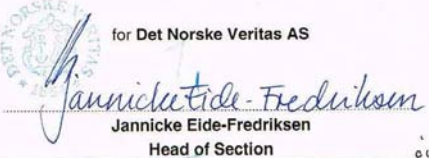
1. That the ship has been surveyed in accordance with regulation 5 of Annex VI of the Convention; and
2. That the survey shows that the equipment, systems, fittings, arrangements and materials fully comply with the applicable requirements of Annex VI of the Convention.

Remarks/Recommendations:

This Certificate is valid until **2015-08-01** subject to surveys in accordance with Regulation 5 of Annex VI of the Convention.

Completion date of survey on which this Certificate is based: **2010-08-01**

Issued at **Høvik, Norway** on **2010-10-05**




for Det Norske Veritas AS  
**Jannicke Eide-Fredriksen**  
 Head of Section



**FPSO Dynamic Producer - IOPP**

	<p><b>DET NORSKE VERITAS</b></p> <p><b>INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE</b></p> <p>This Certificate shall be supplemented by Record of Construction and Equipment</p>	<p>Certificate no.: 14704B <span style="float: right;">9</span>                  Date of issue: 2012-02-15</p>												
	<p>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, as amended, (hereinafter referred to as "the Convention") under the authority of the Government of</p> <p style="text-align: center;"><b>THE REPUBLIC OF LIBERIA</b></p> <p style="text-align: center;">by Det Norske Veritas AS</p>													
<p><b>Particulars of Ship</b></p> <table border="0"> <tr> <td>Name of Ship:</td> <td>"DYNAMIC PRODUCER"</td> </tr> <tr> <td>Distinctive Number or Letters:</td> <td>A8NR3</td> </tr> <tr> <td>Port of Registry:</td> <td>MONROVIA</td> </tr> <tr> <td>Gross Tonnage:</td> <td>73641</td> </tr> <tr> <td>Deadweight of ship (metric tons) <sup>1</sup>:</td> <td>111567</td> </tr> <tr> <td>IMO Number:</td> <td>8500616</td> </tr> </table>			Name of Ship:	"DYNAMIC PRODUCER"	Distinctive Number or Letters:	A8NR3	Port of Registry:	MONROVIA	Gross Tonnage:	73641	Deadweight of ship (metric tons) <sup>1</sup> :	111567	IMO Number:	8500616
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Gross Tonnage:	73641													
Deadweight of ship (metric tons) <sup>1</sup> :	111567													
IMO Number:	8500616													
<p><b>Type of ship:</b> <input type="checkbox"/> Oil Tanker  <input type="checkbox"/> Ship other than an oil tanker with cargo tanks coming under Regulation 2(2) of Annex I of the Convention  <input checked="" type="checkbox"/> Ship other than any of the above</p>														
<p><b>THIS IS TO CERTIFY:</b></p> <ol style="list-style-type: none"> <li>That the ship has been surveyed in accordance with Regulation 6 of Annex I of the Convention.</li> <li>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 that the ship complies with the applicable requirements of Annex I of the Convention.</li> </ol>														
<p>Remarks/Recommendations:                  This vessel is a FPSO, and has been furnished with a supplement according to MEPC.139(53).</p>														
<p>This Certificate is valid until 2015-08-01 <sup>2</sup> subject to surveys in accordance with Regulation 6 of Annex I of the Convention.</p> <p>Completion date of survey on which this Certificate is based: 2010-08-01</p> <p>Issued at Høvik, Norway on 2012-02-15</p>														
		<p>for Det Norske Veritas AS</p> <p>Kjellaug Oppedal Hurlen Head of Section</p>												
<p><sup>1</sup> For oil tankers  <sup>2</sup> Insert the date of expiry as specified by the Administration in accordance with Regulation 10.1 of Annex I of the Convention. The day and the month of this date correspond to anniversary date as defined in Regulation 1.27 of Annex I of the Convention, unless amended in accordance with Regulation 10.8 of Annex I of the Convention.</p>														
<p>DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com                  Form No.: IOPP 501a Issue: January 2010 <span style="float: right;">Page 1 of 3</span></p>														

**FPSO Dynamic Producer - IOPP**

Name of ship: "DYNAMIC PRODUCER"		Certificate No: 14704B	
		Date of issue: 2012-02-15	
<b>Endorsement for annual and intermediate surveys</b>			
THIS IS TO CERTIFY that, at a survey required by Regulation 6 of Annex I of the Convention, the ship was found to comply with the relevant provisions of the Convention.			
1st annual survey:	Place: <u>Offshore Santos Basin</u>	Date:	<u>2011-08-16</u>
	Signature: _____		
Stamp	Surveyor, Det Norske Veritas AS		
2nd annual/intermediate <sup>3</sup> survey:	Place: _____	Date:	_____
	Signature: _____		
Stamp	Surveyor, Det Norske Veritas AS		
3rd annual/intermediate <sup>3</sup> survey:	Place: _____	Date:	_____
	Signature: _____		
Stamp	Surveyor, Det Norske Veritas AS		
4th annual survey:	Place: _____	Date:	_____
	Signature _____		
Stamp	Surveyor, Det Norske Veritas AS		
<b>Annual/intermediate survey in accordance with Regulation 10.8.3</b>			
THIS IS TO CERTIFY that, at an annual/intermediate <sup>3</sup> survey in accordance with Regulation 10.8.3 of Annex I of the Convention, the ship was found to comply with the relevant provisions of the Convention.			
	Place: _____	Date:	_____
	Signature: _____		
Stamp	Surveyor, Det Norske Veritas AS		
<b>Endorsement to extend the Certificate if valid for less than 5 years where Regulation 10.3 applies</b>			
The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with Regulation 10.3 of Annex I of the Convention, be accepted as valid until: _____			
	Place: _____	Date:	_____
	Signature: _____		
Stamp	Surveyor, Det Norske Veritas AS		
<sup>3</sup> Delete as appropriate.			
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**FPSO Dynamic Producer - IOPP**

Name of ship: "DYNAMIC PRODUCER"	Certificate No: 14704B Date of issue: 2012-02-15
<p><b>Endorsement where the renewal survey has been completed and Regulation 10.4 applies.</b></p> <p>The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with Regulation 10.4 of Annex I of the Convention, be accepted as valid until: .....</p> <p style="text-align: center;">Place: ..... Date: .....</p> <p style="text-align: right;">Signature: .....</p> <p>Stamp ..... Surveyor, Det Norske Veritas AS</p>	
<p><b>Endorsement to extend the validity of the Certificate until reaching the port of survey or for a period of grace where Regulation 10.5 or 10.6 applies.</b></p> <p>This Certificate shall, in accordance with Regulation 10.5<sup>4</sup> or 10.6<sup>4</sup> of Annex I of the Convention, be accepted as valid until:.....</p> <p style="text-align: center;">Place: ..... Date: .....</p> <p style="text-align: right;">Signature: .....</p> <p>Stamp ..... Surveyor, Det Norske Veritas AS</p>	
<p><b>Endorsement for advancement of anniversary date where Regulation 10.8 applies.</b></p> <p>In accordance with Regulation 10.8 of Annex I of the Convention, the new anniversary date is:.....</p> <p style="text-align: center;">Place: ..... Date: .....</p> <p style="text-align: right;">Signature: .....</p> <p>Stamp ..... Surveyor, Det Norske Veritas AS</p>	
<p>In accordance with Regulation 10.8 of Annex I of the Convention, the new anniversary date is:.....</p> <p style="text-align: center;">Place: ..... Date: .....</p> <p style="text-align: right;">Signature: .....</p> <p>Stamp ..... Surveyor, Det Norske Veritas AS</p>	
<p><small><sup>4</sup> Delete as appropriate</small></p> <p><small>DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 718 931 MVA www.dnv.com Form No.: IOPP 501a Issue: January 2010 <span style="float: right;">Page 3 of 3</span></small></p>	

FPSO Dynamic Producer - IOPP



DET NORSKE VERITAS  
SUPPLEMENT TO THE INTERNATIONAL  
OIL POLLUTION  
PREVENTION CERTIFICATE  
(IOPP CERTIFICATE)

Record no.:  
14704  
Date of issue:  
2012-02-15

**RECORD OF CONSTRUCTION AND EQUIPMENT FOR FPSOs AND FSUs**

in respect of the provisions of resolution MEPC.139(53) "Guidelines for application of the revised MARPOL Annex 1<sup>1</sup> requirements to FPSOs and FSUs", hereafter referred to as the "Guidelines".

This form should be used for Floating Production Storage and Offloading facilities (FPSOs) and Floating Storage Units (FSUs) to which regulation 39 of the revised Annex I of the Convention applies.

This Record should be permanently attached to the IOPP Certificate. The IOPP Certificate should be available on board the ship at all times.

If the language of the original Record is neither English nor French nor Spanish, the text should include a translation into one of these languages.

Entries in boxes shall be made by inserting either a cross (x) for the answers "yes" and "applicable" or a dash (-) for the answers "no" and "not applicable" as appropriate.

Unless otherwise stated, regulations mentioned in this Record refer to regulations of the revised Annex I of the Convention as implemented under the Guidelines and resolutions refer to those adopted by the International Maritime Organization.

**1. Particulars of ship**

1.1	Name of ship:	<u>DYNAMIC PRODUCER</u>
1.2	Distinctive number or letters:	<u>A8NRS</u>
1.3	IMO number (if applicable):	<u>8500616</u>
1.4	Port of registry (if applicable):	<u>MONROVIA</u>
1.5	Gross tonnage (if applicable):	<u>73641</u>
1.6	Produced liquids holding capacity of ship:	<u>140282 (m<sup>3</sup>)</u>
1.7	Deadweight of ship:	<u>111567 (tonnes) (regulation 1.23)</u>
1.8	Length of ship:	<u>245.03 (m) (regulation 1.19)</u>
1.9	Operating station (lat/long)	<u>S 25° 31.7' W 043° 26.3'</u>
1.10	Coastal State:	<u>Brazil</u>
1.11	Date of build	
1.11.1	Date of building contract:	<u>-</u>
1.11.2	Date on which keel was laid or ship was at a similar stage of construction:	<u>1985-10-15</u>
1.11.3	Date of delivery:	<u>1987-01-20</u>
1.12	Conversion to FPSO/FSU (if applicable):	
1.12.1	Date of conversion contract:	<u>2009-01-01</u>
1.12.2	Date on which conversion was commenced:	<u>2009-01-01</u>

**2. Equipment for the control of oil discharge from machinery space bilges and oil fuel tanks (regulations 14, 15 and 34)**

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.....	<input type="checkbox"/>

<sup>1</sup> Annex I of International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, hereafter referred to as the Convention.

**FPSO Dynamic Producer - IOPP**

Name of ship: "DYNAMIC PRODUCER"

Record no.: 14704

Date of issue: 2012-02-15

- 2.2 Type of oil filtering equipment fitted:
  - 2.2.1 Oil filtering (15 ppm) equipment (regulation 14.6).....
  - 2.2.2 Oil filtering (15 ppm) equipment with alarm and automatic stopping device (regulation 14.7).....
- 2.3 Approval standards:<sup>2</sup>
  - 2.3.1 The separating/filtering equipment:
    - 2.3.1.1 has been approved in accordance with resolution A.393(X).....
    - 2.3.1.2 has been approved in accordance with resolution MEPC.60(33).....
    - 2.3.1.3 has been approved in accordance with resolution MEPC.107(49).....
    - 2.3.1.4 has been approved in accordance with resolution A.233(VII).....
    - 2.3.1.5 has been approved in accordance with national standards not based upon resolution A.393(X) or A.233(VII).....
    - 2.3.1.6 has not been approved.....
  - 2.3.2 The process unit has been approved in accordance with Resolution A.444(Xi).....
  - 2.3.3 The oil content meter:
    - 2.3.3.1 has been approved in accordance with Resolution A.393(X).....
    - 2.3.3.2 has been approved in accordance with Resolution MEPC.60(33).....
    - 2.3.3.3 has been approved in accordance with Resolution MEPC.107(49).....
- 2.4 Maximum throughput of the system is 2 m<sup>3</sup>/h
- 2.5 Waiver of regulation 14:
  - 2.5.1 The requirements of regulations 14.1 and 14.2 are waived in respect of the ship:
    - 2.5.1.1 As the ship is provided with adequate means for disposal of oily residues in accordance with the Guidelines.....
    - 2.5.1.2 In accordance with regulation 14.5.1 the ship is engaged exclusively in operations within special area(s):.....

2.5.2 The ship is fitted with holding tank(s) for the total retention on board of all oily bilge water as follows:

Tank Identification	Tank Location		Volume (m <sup>3</sup> )
	Frames (from-to)	Lateral Position (P-C-S)	
Total volume			

3. Means for retention and disposal of oil residues (sludge)(regulation 12) and bilge water holding tank(s)<sup>3</sup>

<sup>2</sup> Refer to the 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-609E. 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 IMO sales publication IMO-646E and the revised Guidelines and specifications for pollution prevention equipment for machinery spaces of ships adopted by the Marine Environment Protection Committee of the Organization by resolution MEPC.107(49) which, effectively on 1 January 2005, superseded resolutions MEPC.60(33), A.393(X) and A.444(Xi).

<sup>3</sup> Bilge water holding tank(s) are not required by the Convention, entries in the table under paragraph 3.3 are voluntary.

### FPSO Dynamic Producer - IOPP

Name of ship: "DYNAMIC PRODUCER"

Record no.: 14704  
Date of issue: 2012-02-15

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 (P-C-S)	
Sludge Tank	30 - 37	P	14.00
Waste F.O. Tank	25 - 26	S	4.40
Waste L.O. Tank	25 - 26	S	5.70
Waste F.O./ Sludge Process Tank	25 - 26	P	4.40
Incinerator Sludge Tank	9	C	1.65
Total volume			30.15

3.2 Means for the disposal of residues in addition to the provisions of sludge tanks :

- 3.2.1 Incinerator for oil residues, capacity 65 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 Facility for adding oil residues to production stream .....
- 3.2.5 Other acceptable means:  
Non-permanent connection to slop tank .....

3.3 The ship is provided 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 (P-C-S)	
Bilge Water Holding Tank	-	-	63.80
Bilge Water Settling Tank	25 - 26	P	5.70
Total volume			69.50

3A. Oil fuel tank protection (regulation 12A)

- 3A.1 The ship is required to be constructed according to regulation 12A and complies with the requirements of:  
paragraph 7 or 8 (double side construction) .....   
paragraph 6 and either 7 or 8 (double hull construction) .....   
paragraph 11 (accidental oil fuel outflow performance) .....   
3A.2 The ship is not required to comply with the requirements regulation 12A .....

4. Standard discharge connection (regulation 13)

- 4.1 The ship is provided with a pipeline for the discharge of residues from machinery-bilges and sludges to reception facilities, fitted with a discharge connection .....

5. Construction (regulation 18, 26 and 28)

- 5.1 In relation to the application of regulation 18, the ship is:
- 5.1.1 Provided with SBT .....
- 5.1.2 Provided with COW .....
- 5.1.3 Provided with sufficient ballast capacity to meet stability and strength requirements .....
- 5.1.4 Provided with CBT .....
- 5.2 Segregated ballast tanks (SBT):
- 5.2.1 The ship is provided with SBT consistent with regulation 18 .....
- 5.2.2 The ship is provided with SBT which includes tanks or spaces not used for oil outboard of all produced oil tanks ..

### FPSO Dynamic Producer - IOPP

Name of ship: "DYNAMIC PRODUCER" Record no.: 14704  
Date of issue: 2012-02-15

5.2.3 SBT are distributed as follows:

Tank	Volume (m <sup>3</sup> )
<b>Fare Peak Tank</b>	<b>6784.10</b>
<b>No.1 WBT &amp; DB Tank</b>	<b>10149.59</b>
<b>No.3 WBT &amp; No. 2 DB Tank</b>	<b>12993.74</b>
<b>No.3 DB Tank P&amp;S</b>	<b>4708.34</b>
<b>No. 5 WT &amp; NO. 4 DB Tank</b>	<b>12248.44</b>
<b>Aft Peak Tank</b>	<b>1570.00</b>
<b>Total volume:</b>	<b>48455.21</b>

5.3 Dedicated clean ballast tanks (CBT):

5.3.1 The ship is provided with CBT consistent with regulation 18.8 .....

5.3.2 CBT are distributed as follows:

Tank	Volume (m <sup>3</sup> )
<b>Total volume:</b>	

5.3.3 The ship has been supplied with a valid Dedicated Clean Ballast Tank Operation Manual, which is dated .....

5.3.4 The ship has common piping and pumping arrangements for ballasting the CBT and handling produced oil .....

5.3.5 The ship has separate independent piping and pumping arrangements for ballasting the CBT .....

5.4 Crude oil washing (COW) :

5.4.1 The ship is equipped with a COW system .....

5.4.2 The ship is equipped with a COW system consistent with regulation 33 and 35 .....

5.4.3 The ship has been supplied with a valid Crude Oil Washing Operations and Equipment Manual which is dated **2004-03-12** .....

5.5 Limitation of size and arrangements of produced oil tanks (regulation 26):

5.5.1 The ship is constructed according to the provisions of regulation 26 .....

5.6 Subdivision and stability (regulation 25):

5.6.1 The ship is constructed consistent with regulation 28 .....

5.6.2 Information and data required under regulation 28.5 have been supplied to the ship in an approved form .....

5.6.3 The ship is constructed consistent with regulation 27 .....

5.7 Double-hull/side construction:

5.7.1 The ship is constructed consistent with regulation 19 as follows:

5.7.1.1 paragraph 3 (double-hull construction) .....

DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com  
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FPSO Dynamic Producer - IOPP

Name of ship: "DYNAMIC PRODUCER"		Record no.: 14704
		Date of issue: 2012-02-15
5.7.1.2	paragraph 3.1 and 3.6 (double sides) .....	<input type="checkbox"/>
5.7.1.3	paragraph 5 (alternative method approved by the Marine Environment Protection Committee).....	<input type="checkbox"/>
5.7.2	The ship is constructed consistent with regulation 19.6 (double bottom requirements) .....	<input type="checkbox"/>
<b>6.</b>	<b>Retention of oil on board (regulations 29, 31 and 32)</b>	
6.1	Oil discharge monitoring and control system:	
6.1.1	The ship comes under category I oil tanker as defined in resolution A.496(XII) .....	<input checked="" type="checkbox"/>
	or resolution A.586(14) <sup>4</sup> .....	<input type="checkbox"/>
	The oil discharge monitoring and control system has been approved in accordance with resolution MEPC.108(49) .....	<input type="checkbox"/>
6.1.2	The system comprises:	
6.1.2.1	control unit .....	<input checked="" type="checkbox"/>
6.1.2.2	computing unit.....	<input type="checkbox"/>
6.1.2.3	calculating unit .....	<input type="checkbox"/>
6.1.3	The system is:	
6.1.3.1	fitted with a starting interlock.....	<input checked="" type="checkbox"/>
6.1.3.2	fitted with automatic stopping device .....	<input checked="" type="checkbox"/>
6.1.4	The oil content meter is approved under the terms of  resolution A.393(X) .....	<input checked="" type="checkbox"/>
	or resolution A.586(14) .....	<input type="checkbox"/>
	or resolution MEPC.108(49) <sup>5</sup> .....	<input type="checkbox"/>
	suitable for crude oil .....	<input checked="" type="checkbox"/>
6.1.5	The ship has been supplied with an operations manual for the oil discharge monitoring and control system.....	<input checked="" type="checkbox"/>
6.2	Slop tanks:	
6.2.1	The ship is provided with 2 dedicated slop tank(s) with the total capacity of 4139 m <sup>3</sup> which is 5.2 % of the oil carrying capacity, in accordance with:	
6.2.1.1	regulation 29.2.3 .....	<input checked="" type="checkbox"/>
6.2.1.2	regulation 29.2.3.1 .....	<input type="checkbox"/>
6.2.1.3	regulation 29.2.3.2 .....	<input type="checkbox"/>
6.2.1.4	regulation 29.2.3.3 .....	<input type="checkbox"/>
6.2.2	Produced oil tanks have been designated as slop tanks .....	<input type="checkbox"/>
6.3	Oil/water interface detectors:	
6.3.1	The ship is provided with oil/water interface detectors approved under the terms of resolution MEPC.5 (XIII) .....	<input checked="" type="checkbox"/>
6.4	Waiver of regulation:	
6.4.1	The requirements of regulations 31 and 32 are waived in respect of the ship as follows:	
6.4.1.1	The ship is engaged exclusively in operations within special area(s) (regulation 3.5): .....	<input type="checkbox"/>
6.4.1.2	The ship is provided with adequate means of disposal of contaminated sea water	
	a. sent ashore .....	<input checked="" type="checkbox"/>
	b. incinerated .....	<input type="checkbox"/>
	c. added to the production stream .....	<input type="checkbox"/>
<b>7.</b>	<b>Pumping, piping and discharge arrangements (regulation 30)</b>	
7.1	The overboard discharge outlets for segregated ballast are located:	
<p><sup>4</sup> FPSOs and FSUs the keels of which are laid, or which are at a similar stage of construction, on or after 2 October 1986 should be fitted with a system approved under resolution A.586(14); see IMO sales publication IMO-646E.</p> <p><sup>5</sup> For oil content meters installed on tankers built prior to 2 October 1986, refer to the Recommendation on international performance and test specifications for oil/water separating equipment and oil content meters adopted by the Organization by resolution A.393(X). For oil content meters as part of discharge monitoring and control systems installed on tankers built on or after 2 October 1986, refer to the Guidelines and specifications for oil discharge monitoring and control systems for oil tankers adopted by the Organization by resolution A.388(14); see IMO sales publications IMO-606E and IMO-646E, respectively. For oil content meters as part of discharge monitoring and control systems installed on oil tankers built on or after 1 January 2005, refer to the revised Guidelines and specifications for oil discharge monitoring and control systems for oil tankers adopted by the Organization by resolution MEPC.108(49).</p>		
<p>DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com Form No.: IOPP 530a Issue: January 2012 Page 5 of 6</p>		



**FPSO Dynamic Producer - IOPP**

Name of ship: "DYNAMIC PRODUCER"		Record no.: 14704
		Date of issue: 2012-02-15

7.1.1	Above the waterline .....	<input checked="" type="checkbox"/>
7.1.2	Below the waterline .....	<input checked="" type="checkbox"/>
7.2	The overboard discharge outlets, other than the discharge manifold, for clean ballast are located <sup>6</sup> :	
7.2.1	Above the waterline .....	<input type="checkbox"/>
7.2.2	Below the waterline .....	<input type="checkbox"/>
7.3	The overboard discharge outlets, other than the discharge manifold, for dirty ballast water or oil-contaminated water from produced oil tank areas are located:	
7.3.1	Above the waterline .....	<input checked="" type="checkbox"/>
7.3.2	Below the waterline in conjunction with the part flow arrangements consistent with regulation 30.6.5 .....	<input type="checkbox"/>
7.3.3	Below the waterline .....	<input type="checkbox"/>
7.4	Discharge of oil from produced oil pumps and oil lines (regulations 30.4 and 30.5:	
7.4.1	Means to drain all produced oil pumps and oil lines at the completion of produced oil discharge:	
7.4.1.1	drainings capable of being discharged to a produced oil tank or slop tank .....	<input type="checkbox"/>
7.4.1.2	for discharge a special small-diameter line is provided .....	<input type="checkbox"/>
<b>8.</b>	<b>Shipboard oil pollution emergency plan (regulation 37)</b>	
8.1	The ship is provided with a shipboard oil pollution emergency plan in compliance with regulation 37.1 .....	<input checked="" type="checkbox"/>
8.2	The ship is provided with an oil pollution emergency plan approved in accordance with procedures established by _____, as the coastal State in compliance with the unified interpretation of regulation 37.1 .....	<input type="checkbox"/>
8.3	The ship is provided with a contingency plan in accordance with requirements of OPRC Art 3(2) accepted in accordance with regulation 37 .....	<input type="checkbox"/>
<b>9.</b>	<b>Surveys</b>	
9.1	Records of surveys in accordance with A.744(18), as amended maintained onboard .....	<input type="checkbox"/>
9.2	In-water surveys in lieu of dry-docking authorized as per documentation .....	<input type="checkbox"/>
<b>10.</b>	<b>Equivalentents</b>	
10.1	Equivalentents have been approved by the Administration for certain requirements of the guidelines on those items listed under paragraph(s) _____ of this Record .....	<input type="checkbox"/>

Remarks:

THIS IS TO CERTIFY that this Record is correct in all respects.

Issued at Høvik, Norway on 2012-02-15


for Det Norske Veritas AS

**Georgios Eleftheriadis**  
Surveyor

<sup>6</sup> Only those outlets which can be monitored are to be indicated.

DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com  
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**FPSO Dynamic Producer - ISPP**



**DET NORSKE VERITAS**

**INTERNATIONAL SEWAGE POLLUTION  
PREVENTION CERTIFICATE**

DNV Id No:  
14704  
Date of issue:  
2010-10-05

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, as amended, (hereinafter referred to as "the Convention")

under the authority of the Government of

**THE REPUBLIC OF LIBERIA**

by Det Norske Veritas AS

**Particulars of Ship**

Name of Ship:	"DYNAMIC PRODUCER"
Distinctive Number or Letters:	A8NR3
Port of Registry:	MONROVIA
Gross Tonnage:	73641
IMO Number:	8500616
Number of persons which the ship is certified to carry:	40
Date of building contract:	-
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:	1985-10-15
Date of delivery:	1987-01-20

Existing ship  
 New ship

Remarks/Recommendations:

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

FPSO Dynamic Producer - ISPP

Name of ship: "DYNAMIC PRODUCER" Certificate No: 14704  
Date of issue: 2010-10-05

THIS IS TO CERTIFY:

1 That the ship is equipped with:

<input checked="" type="checkbox"/>	Sewage Treatment Plant*
<input type="checkbox"/>	Sewage Comminuter*
<input type="checkbox"/>	Sewage Holding Tank*
<input checked="" type="checkbox"/>	Pipeline for the discharge to a reception facility*

1.1 Description of the sewage treatment plant:

Type of sewage treatment plant ST4A - Super Trident / ST13 Super Trident 2P, 2C

Name of manufacturer Hamworthy Engineering Ltd.

The sewage treatment plant is certified by the Administration to meet the effluent standards as provided for in resolution MEPC.2(VI).

1.2 Description of comminuter:

Type of comminuter -

Name of manufacturer -

Standard of sewage after disinfection -

1.3 Description of sewage holding tank equipment:

Total capacity of the holding tank - m3

Location -

1.4 A pipeline for the discharge of sewage to a reception facility, fitted with a standard shore connection.

2 That the ship has been surveyed in accordance with Regulation 4 of Annex IV of the Convention.


3 That the survey shows that the structure, equipment, systems, fittings, arrangements and materials of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex IV of the Convention.

This Certificate is valid until **2015-08-01**.<sup>1</sup>

subject to surveys in accordance with Regulation 4 of Annex IV of the Convention.

Completion date of survey on which this Certificate is based: **2010-08-01**

Issued at **Høvik, Norway** on **2010-10-05**



for Det Norske Veritas AS

*Jannicke Eide-Fredriksen*

**Jannicke Eide-Fredriksen**  
Head of Section

\* Entries in boxes shall be made by inserting either a cross (x) for the answers 'yes' and 'applicable' or a dash (-) for the answers 'no' and 'not applicable' as appropriate

<sup>1</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 the month of this

**FPSO Dynamic Producer - Declaração de Conformidade da Marinha**



**MARINHA DO BRASIL**  
**Capitania dos Portos do Rio de Janeiro**

**DECLARAÇÃO DE CONFORMIDADE PARA OPERAÇÃO DE PLATAFORMAS**  
**(STATEMENT OF COMPLIANCE FOR OFFSHORE INSTALLATIONS)**

Nº de inscrição: 381E007057

Certifico que a plataforma **DYNAMIC PRODUCER**, bandeira Libéria, nº IMO 8500616.  
*This is to Certify that the offshore installation DYNAMIC PRODUCER, flag Liberia, IMO Number 8500616,*

nº de inscrição 381E007057, classificado pela Det Norske Veritas, foi submetida à  
*Registration Number 381E007057, classified by Det Norske Veritas, was submitted to*

PERÍCIA TÉCNICA para efetuar atividades de perfuração, produção e armazenamento de petróleo e/ou gás  
*TECHNICAL INVESTIGATION for drilling, production and storage activities of petroleum and/ or natural gas*

em 26/09/2011, em Bacia de Santos, de acordo com o estabelecido nas Normas da Autoridade Marítima  
*in 09/26/2011, at Bacia de Santos, in accordance with the requirements established in the Maritime Authority's*

para Operação de Plataformas - NORMAM 01 - Capítulo 9 e está autorizada a operar até a  
*Regulation for OffShore Installations Operations - NORMAM 01 - Chapter 9 and is authorized to operate until*

data de validade desta Declaração.  
*the validity date of this Statement.*

Esta Declaração, emitida nos Termos do Convênio firmado entre a Diretoria de Portos e Costas - DPC e a  
*This Statement was issued under the terms of the Agreement signed by the Directorate of Ports and Coasts - DPC and the*


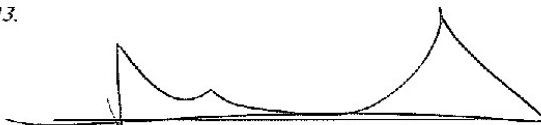
Agência Nacional do Petróleo - ANP, constitui documento válido para operação em Águas Jurisdicionais  
Brasileiras - AJB.  
*National Petroleum Agency - ANP and constitutes valid document for operation in Brazilian Jurisdictional Waters - AJB.*

Emitido na Capitania dos Portos do Rio de Janeiro, em 26/04/2012.  
*Issued at Capitania dos Portos do Rio de Janeiro, in 04/26/2012.*

Válido até 26/09/2012.  
*Valid until 09/26/2012.*

  
Alexsandro Santana Azevedo  
Capitão-de-Fragata  
Enc. do Dep de Segurança do Tráfego Aguaviário

**FPSO Dynamic Producer - Declaração de Conformidade da Marinha**

 <p style="text-align: center;"><b>MARINHA DO BRASIL</b> <b>Capitania dos Portos do Rio de Janeiro</b></p> <p style="text-align: center;"><b>DECLARAÇÃO DE CONFORMIDADE PARA OPERAÇÃO EM AJB</b> <i>(STATEMENT OF COMPLIANCE FOR OPERATION IN BRAZILIAN WATERS)</i></p> <p style="text-align: right;">Nº de inscrição: 381E007057</p> <p>Certifico que o navio <b>DYNAMIC PRODUCER</b>, bandeira <b>Libéria</b>, nº IMO <b>8500616</b>. <i>This is to Certify that the ship DYNAMIC PRODUCER, flag Liberia, IMO Number 8500616,</i></p> <p>nº de inscrição <b>381E007057</b>, classificado pela <b>Det Norske Veritas</b>, foi submetido à <i>Registration Number 381E007057, classified by Det Norske Veritas, was submitted to</i></p> <p><b>PERÍCIA TÉCNICA</b> PARA emissão de Atestado de Inscrição Temporária - AIT em <b>26/09/2011</b>, <i>TECHNICAL INVESTIGATION</i> for Temporary Registration Certificate - AIT, in <b>09/26/2011</b>,</p> <p>no Porto/Terminal <b>Bacia de Santos</b>, de acordo com o estabelecido nas Normas da Autoridade Marítima. <i>at Port/Terminal Bacia de Santos, in accordance with the requirements established in the Maritime Authority's</i></p> <p>para Operação de Embarcações Estrangeiras em Águas Jurisdicionais Brasileiras - <b>NORMAM 04 - Capítulo 1</b>. <i>Regulation for foreign Vessels operation in Brazilian Jurisdictional Waters - NORMAM 04 - Chapter 1.</i></p> <p>A perícia constatou que o navio está em conformidade com os requisitos estabelecidos nas <i>The appraisal shows that the ship is in compliance with the requirements established at</i></p> <p>Convenções e Códigos Internacionais ratificados pelo Brasil e na Regulamentação Nacional <i>Conventions and Internationals Codes ratified by Brazilian Government and national applicable regulation</i></p> <p>aplicável para operar em Águas Jurisdicionais Brasileiras - <b>AJB</b>. <i>to operate in Brazilian Jurisdictional Waters - AJB.</i></p> <p>Emitido na Capitania dos Portos do Rio de Janeiro, em <b>26/04/2012</b>. <i>Issued at Capitania dos Portos do Rio de Janeiro, in 04/26/2012.</i></p> <p>Válido até <b>26/09/2013</b>. <i>Valid until 09/26/2013.</i></p> <p style="text-align: center;"> <b>Alexandro Santana Azevedo</b> <b>Capitão-de-Fragata</b> <b>Enc. do Dep de Segurança do Tráfego Aquaviário</b></p>
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