Engenharia Con

2263-00-EIA-RL-0001-00



Estudo de Impacto Ambiental - EIA

queiroz galvão perfurações s.a.

Certificado Internacional de Prevenção de Poluição por Hidrocarbonetos (IOPP)

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 _____LUIZ OTAVIO MALCHER

(Surveyor, American Bureau of Shipping)

Particulars of Ship

Name of Ship	Distinctive Number or Letters	Port of Registry	Gross Tonnage ¹ a) According to footnote ² b) According to footnote ³	Deadweight of ship (metric tons)*	IMO Number
NORTH STAR I	3EPG3	PANAMA	4,087	N/A	8752958

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 J of the Convention.

This Certificate is valid only when Supplement A issued at SÃO ROQUE, BA, BRAZIL on 27 JULY 2005 is attached.

This Certificate is valid until 30 APRIL 2010 subject to surveys in accordance with Regulation 4 of Annex I of the Convention.5

Completion date of the survey on which this certificate is based: 27 JULY 2005

ABS

SÃO ROQUE DO PARAGUACU, BA, BRAZIL

(Place of issue of Certificate)

27 JULY 2005

LUIZ OTAVIO MALCHER Surveyor, American Bureau OF SHIPPING
MINO DE JANERO

88 HSSC IOPPC

Revision 2

Salvador, 22 espeto de 2005. MARGIA PERETRA PIMENTEL-ENCREVENTE

Confere co

age f of

Delete as appropriate

² The above gross tonnage has been determined in accordance with the International Convention on Tonnage Measurement of Ships, 1969.

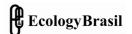
The above gross tonnage has been determined by the authorities of the Administration in accordance with the national tonnage rules which force prior to the coming into force for existing ships of the International Convention on Tonnage Measurement of Ships, 1969.

The above gross tonnage has been determined by the authorities of the Administration in accordance with the national tonnage rules which force prior to the coming into force for existing ships of the International Convention on Tonnage Measurement of Ships, 1969.

Insert the date of expiry as specified by the Administration in accordance with regulation 8(1) of Annex I of the Convention. The pay and the month this date corresponds to the anniversary date as defined in regulation 1(31) of Annex I of the Convention. The pay and the month of the Convention of the Convention of the Convention.







ATIVIDADE DE PERFURAÇÃO MARÍTIMA NO BLOCO BM-J-2

Estudo de Impacto Ambiental – EIA

2263-00-EIA-RL-0001-00

Certificado de Equipamentos de Segurança



INTERIM REPUBLIC OF PANAMA

MOBILE OFFSHORE DRILLING UNIT SAFETY CERTIFICATE

THE UNDERSIGNED CERTIFIES THAT THE SHIP

	Distinctive Identification (Name or number)	Type (Section 1.3 of the Code)	Port of Registry				
T	NORTH STAR I	Self Elevating Unit	Panama				
	3EPG3						
Date 196		a similar stage of construction or on which	major conversion was commenced				
THIS	IS TO CERTIFY:						
1.	That the above-mentioned unit has be and Equipment of Mobile Offshore Drill	en duly surveyed in accordance with the applicing Units.	cable provisions of the Code for the Constru				
2.	That the survey showed that the structure, equipment, fittings, radio station arrangements and materials of the unit and the conthereof 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 of85 persons and no more as follows:						
	Two(02) rigid totally enclosed motor propelled and fire protected survival craft of aggreate capacity for						
	120 persons.						
	persons.						
	Sixtos	finaling and breaking free in the event of	the unit becoming submerced of aggregation				
	Sixtos	floating and breaking free in the event of	the unit becoming submerged of aggrega				
	Six(06) survival craft, capable of capacity for 89 persons.		the unit becoming submerged of aggrega				
This	Six(06) survival craft, capable of capacity for 89 persons. One(01) rescue boat(s) each of cap	acity for Six(06) persons.					
	Six(06) survival craft, capable of capacity for 89 persons. One(01) rescue boat(s) each of cap	acity for Six(06) persons. uary 2006 subject to annual surveys being	the unit becoming submerged of aggregating carried out satisfactorily and this				
Cert	Six(06) survival craft, capable of capacity for 89 persons. One(01) rescue boat(s) each of cap Certificate is valid until the 19 Febru	acity for Six(06) persons. uary 2006 subject to annual surveys being					
Cert	Six(06) survival craft, capable of capacity for 89 persons. One(01) rescue boat(s) each of cap Certificate is valid until the 19 Febru ficate being endorsed accordingly on the reverse.	acity for Six(06) persons. uary 2006 subject to annual surveys being					
Cert	Six(06) survival craft, capable of capacity for 89 persons. One(01) rescue boat(s) each of cap Certificate is valid until the 19 Febru ficate being endorsed accordingly on the reverse.	acity for Six(06) persons. uary 2006 subject to annual surveys beingerse.					
Cert Pen Cor	Six(06) survival craft, capable of capacity for 89 persons. One(01) rescue boat(s) each of cap Certificate is valid until the 19 February ficate being endorsed accordingly on the revealing issuance of final certificate	acity for Six(06) persons. uary 2006 subject to annual surveys being series.					
Cert Pen Cor	Six(06) survival craft, capable of capacity for 89 persons. One(01) rescue boat(s) each of cap Certificate is valid until the 19 Febra ficate being endorsed accordingly on the revel ding issuance of final certificate repletion date of the survey on which this certified at Rio de Jacobs.	acity for Six(06) persons. uary 2006 subject to annual surveys being see. Sicate is based: 27 July 2005 persons.	ng carried out satisfactorily and this 19 September 2005				
Cert Pen Cor	Six(06) survival craft, capable of capacity for 89 persons. One(01) rescue boat(s) each of cap Certificate is valid until the 19 Febra ficate being endorsed accordingly on the revel ding issuance of final certificate repletion date of the survey on which this certified at Rio de Jacobs.	acity for Six(06) persons. uary 2006 subject to annual surveys beingerse. Grate is based: 27 July 2005	ng carried out satisfactorily and this 19 September 2005				
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Cert Pen Cor	Six(06) survival craft, capable of capacity for 89 persons. One(01) rescue boat(s) each of cap Certificate is valid until the 19 Febra ficate being endorsed accordingly on the revel ding issuance of final certificate repletion date of the survey on which this certified at Rio de Jacobs.	acity for Six(06) persons. uary 2006 subject to annual surveys being size. Six(06) persons. Surveys being size to annual surveys being size. 27 July 2005 size is based: 27 July 2005 on prized by the Government of the Republic of Particular Size is size in the size in the size is size in the size in the size in the size is size in the si	ng carried out satisfactorily and this 19 September 2005 Inama to issue this certificate.				
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Fevereiro de 2006 - Rev. 00 Anexo II-1-B - 2/3 2263-00-EIA-RL-0001-00



MAKITIMA NO BLOCO BM-J-2 Estudo de Impacto Ambiental – EIA

queiroz galvão perfurações s.a.

Certificado de Conformidade após Vistoria da Marinha

IRIN: 3EPG3

Nº IMO: 8752958

Nº de Tripulantes: 05

Calado Máximo: 6,90 m

Arqueação Bruta (AB): 1.226

MARINHA DO BRASIL

CAPITANIA DOS PORTOS DA BAHIA

ATESTADO DE INSCRIÇÃO TEMPORÁRIA DE EMBARCAÇÃO ESTRANGEIRA (AIT)

NÚMERO 281-E 00095-6

XXXX XXXXXXX

Atesto que a plataforma "NORTH STAR I", bandeira da PANAMA, foi inscrita em caráter temporário nesta Capitania dos Portos, em face da autorização para PERFURAÇÃO na Costa Brasileira, no período de 02/05/2005 a 02/05/2006, conforme CONTRATO nº 2050.0011293.05.2, celebrado entre as Empresas PETRÓLEO BRASILEIRO S/A e a M & S DRILLING LLC.

CARACTERÍSTICAS E INFORMAÇÕES COMPLEMENTARES

Tipo de Navegação: MAR ABERTO
Atividade ou Serviço: PERFURAÇÃO
Tipo de Embarcação: PLATAFORMA

Comprimento Total: 51,82 m Porte Bruto (TPB): 4.087

Local e Ano de Construção: CLYDEBANK, ESCÓCIA / 1965

Velocidade Cruzeiro: X X X

Armador: SCHAHIN ENGENHARIA S/A
Africador: PETRÓLEO BRASILEIRO S/A
Proprietário: EMPRESA M&S DRILLING LLC.
Operador: PETRÓLEO BRASILEIRO S/A

Concessionário: X X X X X X X X

Seguradora para Responsabilidade Civil por Danos Causados por Poluição por Óleo: BRADESCO SEGUROS

Seguradora do Navio: BRADESCO SEGUROS

Sociedade Classificadora do Navio: AMERICAN BUREAU OF SHIPPING

Este atestado não desobriga o responsável do cumprimento dos demais dispositivos e de portar os demais documentos e certificados previstos na legislação em vigor.

SALVADOR-BA, cm 28/07/2005.

JOSÉ ANTONIO FREITAS COS Capitão-do-Mar-Guerra (T

Ajudante

Fevereiro de 2006 - Rev. 00

Anexo II-1-B - 3/3