

Form C-3 Version January 2005 Ref. No. **05/1050**

Government of the Isle of Man In duplicate



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, (hereinafter referred to as the "Convention") and
IMO Resolution A.883(21) under the authority of the Government of the Isle of Man.

Name of ship	Port of Registry
SKANDI NAVICA	DOUGLAS
Gross Tonnage	IMO Number
6083	9177856
Type of ship	
Ship other than an Oil tanker or a ship with cargo tanks coming under Regulation 2(2) of Annex I of the Convention.	

This is to certify that:

1. the ship has been surveyed in accordance with regulation 4 of Annex 1 of the Convention,
2. the survey showed 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 1 to the Convention.

This certificate is valid until; **31 December 2009**
subject to surveys in accordance with regulation 4 of Annex 1 of the Convention

Issued at; **DOUGLAS** on **21 February 2005**

Signature: 

Name; **A. Jack**
Department of Trade and Industry



Page 1 of 8

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 provisions of the Convention;

First Annual Survey	Second Annual* / Intermediate* Survey	Third Annual* / Intermediate* Survey	Fourth Annual Survey
Signed <u>CML22</u>	Signed	Signed	Signed
Place <u>DUROSE</u>	Place	Place	Place
Date <u>6 OCT 2005</u>	Date	Date	Date
Stamp	Stamp	Stamp	Stamp

* delete as necessary

Note: When this certificate is issued for a period of validity of less than 5 years in order to achieve certificate harmonisation with other certificates the remaining periodical surveys above must be completed in the range between:-

30TH SEPTEMBER and 31ST MARCH on each occasion.

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 1 of the Convention, the ship was found to comply with the relevant provisions of the Convention

Signed

Place

Date

Stamp

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 1 of the Convention, be accepted as valid until.

.....

Signed

Place

Date

Stamp

* delete 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 1 of the Convention, be accepted as valid until

.....

Signed

Place

Date

Stamp

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)* or 8(6)* of Annex 1 of the Convention, be accepted as valid until

.....

Signed

Place

Date

Stamp

Endorsement for advancement of Anniversary date where regulation 8(8) applies.

In accordance with regulation 8(8) of Annex 1 of the Convention, the new anniversary date is;

.....

Signed

Place

Date

Stamp

* delete as appropriate

Endorsement for advancement of Anniversary date where regulation 8(8) applies.

In accordance with regulation 8(8) of Annex 1 of the Convention, the new anniversary date is;

.....

Signed

Place

Date

Stamp

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Form A version April 2005

**SUPPLEMENT TO THE INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE
(IOPP Certificate)**

**RECORD OF CONSTRUCTION AND EQUIPMENT FOR SHIPS OTHER THAN OIL
TANKERS**

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.

1. Particulars of the ship

1.1 Name of Ship	SKANDI NAVICA		
1.2 IMO No.	9177856	1.3 Port of registry	DOUGLAS
1.4 International Gross Tonnage	6083		
1.5 Date of build.			
1.5.1 Date of building contract	21 October 1997		
1.5.2 date on which the keel was laid or the ship was at a similar stage of construction	16 July 1998		
1.5.3 Date of delivery.	23 December 1999		
1.6 Major conversion, (if applicable)			
1.6.1 Date of conversion contract			
1.6.2 Date on which conversion commenced			
1.6.3 Date of completion of conversion			
1.7 Status of the ship			
1.7.1 New ship in accordance with regulation 1(6).			<input checked="" type="checkbox"/>
1.7.2 Existing ship in accordance with regulation 1(7)			<input type="checkbox"/>
1.7.3 The ship has been accepted by the Administration as an "existing ship" under 1(7) due to an unforeseen delay in delivery.			<input type="checkbox"/>

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		<input type="checkbox"/>
2.2 Type of oil filtering equipment fitted:		
2.2.1 Oil filtering (15ppm) equipment (regulation 16(4))		<input type="checkbox"/>
2.2.2 Oil filtering (15ppm) equipment with alarm and automatic stopping device (regulation 16(5)).		<input checked="" type="checkbox"/>

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2.3 deleted.

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 on 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 has been approved in accordance with:-

- .1 Resolution A.393(X)
- .2 Resolution MEPC.60(33)

2.5 Maximum throughput of the system is cubic metres/hour

2.6 Waiver of regulation 16;

2.6.1 The requirements of regulation 16(1) and 16(2) are waived in respect of this ship in accordance with regulation 16(3)(a)

The ship is engaged exclusively on voyages within special areas.

2.6.2 The ship is fitted with holding tanks for the total retention on board of all oily bilge water as follows:

Tank Identification	Tank Location		Volume (m³)
	Frames from - to	Lateral Position	
Total Volume (m³)			

3. Means for the retention and disposal of oil residues (sludge) (regulation 17)

3.1 The ship is provided with oil residue (sludge) tanks as follows:

Tank Identification	Tank Location		Volume (m ³)
	Frames From - to	Lateral Position	
No. 39	89 - 91	Centreline	20.40
Total Volume (m ³)			20.40

3.2 Means for the disposal of residues in addition to the provision of sludge tanks as follows:

- 3.2.1 Incinerator for oil residues with a capacity of Litres/hour
- 3.2.2 Auxiliary boiler suitable for burning oil residues:
- 3.2.3 tank for mixing oil residues with fuel oil
with a capacity of cubic metres
- 3.2.4 other acceptable means

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 ³)
	Frames From - to	Lateral Position	
Bilge Water Holding Tank	86 - 88	Centreline	29.40
Total Volume (m ³)			29.40

Note; Bilge water holding tanks are not required by the Convention entries in the table 3.3 are voluntary

4. Standard discharge connection (regulation 19)

- 4.1 The ship is provided with a pipeline for discharge of residues from machinery bilges to reception facilities fitted with a standard discharge connection in accordance with Reg. 19

5. Shipboard oil pollution emergency plan (regulation 26)

5.1 The ship is provided with a shipboard oil pollution emergency plan in compliance with regulation 26

6. Exemptions

6.1 Exemptions have been granted by the Administration from the requirements of Chapter II of Annex 1 of the Convention in accordance with regulation 2(4)(a) to those items listed under paragraph(s)

-
of this record.

7. Equivalentents (regulation 3)

7.1 Equivalentents have been approved by the Administration for certain requirements of annex 1 listed under paragraph(s)

-
of this record

THIS IS TO CERTIFY that this record is correct in all respects

issued at **DOUGLAS** on the **21 February 2005**

the undersigned declares that he is duly authorised by the said Government to issue this record.

Signed *A. Jack*

Name **A. Jack**

Department of Trade and Industry



Form C-1 Version March 2004 Ref. No. **05/1050**

Government of the Isle of Man In Duplicate



CARGO SHIP SAFETY EQUIPMENT CERTIFICATE

This Certificate shall be supplemented by a Record of Equipment (Form E)

Issued under the provisions of the
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974
as modified by the Protocol of 1988 relating thereto
under the authority of the Government of the Isle of Man

Name of Ship			Port of Registry	
SKANDI NAVICA			DOUGLAS	
Gross Tonnage	National GRT	Deadweight (Tonnes)**	IMO No.	Length Reg. III/3.12
6083	-	-	9177856	99.076

Date Keel Laid** * For oil tankers, chemical tankers and gas carriers only.
* Oil tanker with multiple deadweights

16/07/1998

** or the date the ship was at a similar stage of construction, or where applicable, the date on which work for a conversion or an alteration or modification of a major character was commenced.

Type of Ship

Cargo ship

This is to certify that:

1. the ship has been surveyed in accordance with the requirements of regulation I/8 of the Convention
2. the survey showed that:
 - 2.1 the ship complied with the requirements of the Convention as regards fire safety systems and appliances and fire control plans,
 - 2.2 the life saving appliances and the equipment of the lifeboats, liferafts, and rescue boats were provided in accordance with the requirements of the Convention,
 - 2.3 the ship was provided with a line throwing appliance and radio installations used in life saving appliances in accordance with the requirements of the Convention,
 - 2.4 the ship complied with the requirements of the Convention as regards shipborne navigational equipment, means of embarkation for pilots, and nautical publications,
 - 2.5 the ship was provided with lights, shapes, and means of making sound signals and distress signals in accordance with the requirements of the Convention and the International Regulations for Preventing Collision at Sea in force,
 - 2.6 in all other respects the ship complied with the relevant requirements of the Convention.
3. an exemption certificate **has been issued**

Page 1 of 7

Endorsement for annual and periodical surveys relating to life-saving appliances and other equipment referred to in paragraphs 2.3, 2.4, 2.5, 2.8 and 2.9 of this certificate.

THIS IS TO CERTIFY that, at a survey required by regulation I/8 of the Convention, the ship was found to comply with the relevant requirements of the Convention;

First	Second	Third	Fourth
Annual Survey	Annual* / Periodical* Survey	Annual* / Periodical* Survey	Annual Survey
Signed <i>C.M. 200</i>	Signed	Signed	Signed
Place. <i>DUNDEE</i>	Place.	Place.	Place.
Date. <i>6-OCT-2005</i>	Date.	Date.	Date.
Stamp.	Stamp.	Stamp.	Stamp.

* Delete as required

Note: When this certificate is issued for a period of validity of less than 5 years in order to achieve certificate harmonisation with other certificates the remaining periodical surveys above must be completed in the range between:-

30TH SEPTEMBER and *31ST MARCH* on each occasion.

Annual / Periodical Survey in accordance with regulation I/14(h)(iii)

THIS IS TO CERTIFY that, at an annual* / intermediate* survey in accordance with regulation 14(h)(iii) of the Convention, the ship was found to comply with the relevant provisions of the Convention

Signed

Place.

Date.

Stamp.

Endorsement to extend the certificate if valid for less than 5 years where regulation I/14(c) applies.

The ship complies with the relevant requirements of the Convention, and this Certificate shall, in accordance with regulation I/14(c) of the Convention, be accepted as valid until.

Signed

Place.

Date.

Stamp.

Endorsement where the renewal survey has been completed and regulation I/14(d) applies.

The ship complies with the relevant provisions of the Convention, and this Certificate shall, in accordance with regulation I/14(d) of the Convention, be accepted as valid until.

Signed

Place.

Date.

Stamp.

Endorsement to extend the certificate until reaching the port of survey or for a period of grace where regulation I/14(e) or I/14(f) applies.

This certificate shall, in accordance with regulation I/14(e)* or I/14(f)* of the Convention, be accepted as valid until;

.....

Signed

Place.

Date.

Stamp.

Endorsement for advancement of the anniversary date where regulation I/14(h) applies.

In accordance with regulation I/14(h) of the Convention, the new anniversary date is.

Signed

Place.

Date.

Stamp.

Endorsement for advancement of the anniversary date where regulation I/14(h) applies.

In accordance with regulation I/14(h) of the Convention, the new anniversary date is.

Signed

Place.

Date.

Stamp.

I

EQUIVALENT ARRANGEMENTS

The life-saving appliance provisions declared in section 2, and the navigational systems and equipment declared in section 3 of the attached Form E, (Record of Equipment), are acceptable to the Government of the Isle of Man as an equivalent arrangement under regulation I/5 of the Convention as notified by the Government of the United Kingdom to the International Maritime Organization in:

Circular - /Circ - dated -

This certificate is valid until : **31 December 2009**

Issued at: **DOUGLAS** on **21 February 2005**

Signature 
signature of authorised official

Name - **A. Jack**
Department of Trade and Industry



Record of Equipment for the Cargo Ship Safety Equipment Certificate FORM (E)

This record shall be permanently attached to the Cargo Ship Safety Equipment Certificate

Record of equipment of Safety Equipment for compliance with the International Convention for the Safety of Life at Sea, 1974 as modified by the protocol of 1988 relating thereto.

1. Particulars of the ship

Name	<input type="text" value="SKANDI NAVICA"/>
IMO Number	<input type="text" value="9177856"/>

2. Details of life saving appliances

1. Total number of persons for which life saving appliances are provided		<input type="text" value="72"/>	
		Port	Starboard
2. Lifeboats	Total Number	<input type="text" value="1"/>	<input type="text" value="1"/>
2.1	Total number of persons accommodated by them.....	<input type="text" value="72"/>	<input type="text" value="72"/>
2.2	Number of totally enclosed lifeboats (regulation III/31 and LSA Code, 4.6).....	<input type="text" value="-"/>	<input type="text" value="-"/>
2.3	Number of lifeboats with self contained air support system (regulation III/31 and LSA Code 4.8).	<input type="text" value="-"/>	<input type="text" value="-"/>
2.4	Number of fire protected lifeboats (regulation III/31 and LSA Code 4.9).....	<input type="text" value="-"/>	<input type="text" value="-"/>
2.5 Other lifeboats			
	2.5.1 Number	<input type="text" value="-"/>	<input type="text" value="-"/>
	2.5.2 Type	<input type="text" value="-"/>	<input type="text" value="-"/>
2.6	Freefall lifeboats Number.....	<input type="text" value="-"/>	
	Number of persons accommodated by them.....	<input type="text" value="-"/>	
2.6.1	Totally enclosed (Regulation III/31 and LSA Code, section 4.7).....	<input type="text" value="-"/>	
2.6.2	Self-contained (Regulation III/31 and LSA Code, section 4.8).....	<input type="text" value="-"/>	
2.6.3	Fire-protected (Regulation III/31 and LSA Code, section 4.9).....	<input type="text" value="-"/>	
3.	Number of motor lifeboats (included in the total lifeboats above)	<input type="text" value="2"/>	
3.1	Number of lifeboats with searchlights	<input type="text" value="-"/>	
4.	Number of rescue boats	<input type="text" value="1"/>	
4.1	Number of rescue boats included in the total lifeboats above	<input type="text" value="-"/>	

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2. Details of life saving appliances (continued)

5. Liferrafts	
5.1 Those for which approved launching appliances are required	
5.1.1 Number of liferafts.....	<input type="text" value="-"/>
5.1.2 Number of persons accommodated by them.....	<input type="text" value="-"/>
5.2 Those for which approved launching appliances are not required	
5.2.1 Number of liferafts.....	<input type="text" value="6"/>
5.2.2 Number of persons accommodated by them.....	<input type="text" value="150"/>
5.3 Number of liferafts required by Regulation III / 31.1.4	<input type="text" value="-"/>
6. Lifebuoys Number.....	<input type="text" value="8"/>
7. Lifejackets Number.....	<input type="text" value="90"/>
8. Immersion Suits	
8.1 Total number provided.....	<input type="text" value="76"/>
8.2 Number of suits complying with the requirements for lifejackets.....	<input type="text" value="-"/>
9. Thermal Protective Aids * Number.....	<input type="text" value="-"/>
10. Radio Installations used in life saving appliances.	
10.1 Number of radar transponders.....	<input type="text" value="2"/>
10.2 Number of two-way VHF radiotelephone apparatus.....	<input type="text" value="3"/>

* excluding those required by LSA Code, paragraphs 4.1.5.1; 4.4.8.31 and 5.1.2.2.13

3. Details of navigational systems and equipment

1.1	Standard magnetic compass*	Yes
1.2	Spare magnetic compass*	N/A
1.3	Gyro compass*	Yes
1.4	Gyro compass heading repeater*	Yes
1.5	Gyro compass bearing repeater*	Yes
1.6	Heading or track control system*	N/A
1.7	Pelorus or compass bearing device*	Yes
1.8	Means of correcting heading and bearings	Yes
1.9	Transmitting heading device (THD)*	N/A
2.1	Nautical charts	Yes
2.2	Back - up arrangements for ECDIS	N/A
2.3	Nautical publications	Yes
2.4	Back up arrangements for electronic nautical publications	N/A
3.1	Receiver for a global navigation satellite system*	Yes
3.2	9 GHz radar*	Yes
3.3	Second radar 9 GHz*	N/A
3.4	Automatic radar plotting aid (ARPA)*	N/A
3.5	Automatic tracking aid*	N/A
3.6	Second automatic tracking aid*	N/A
3.7	Electronic plotting aid*	Yes
4	Automatic identification system (AIS)	Yes
5	Voyage data recorder (VDR)	N/A
6.1	Speed and distance measuring device (through the water)*	Yes
6.2	Speed and distance measuring device (over the ground in the forward and athwartships direction)*	N/A
7	Echo sounding device*	Yes
8.1	Rudder, propeller, thrust, pitch and operational mode indicator*	Yes
8.2	Rate of turn indicator*	Yes
9	Sound reception system*	N/A
10	Telephone to emergency steering position*	Yes
11	Daylight signalling lamp*	Yes
12	Radar reflector*	N/A
13	International Code of Signals	Yes

* Alternative means of meeting this requirement are permitted under regulation V/19. In case of other means they shall be specified.

4. Issue of record of equipment (Form E)

THIS IS TO CERTIFY that the record is correct in all respects.

Issued at **DOUGLAS** on the **21 February 2005**
 Signed 
 Signature of authorised official issuing the record
 Name **A. Jack**
 Department of Trade and Industry



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DE : POUSADADIAMANTINAGUARAPARIES.. NO.DE FAX : 02733615651

06 DIC. 2005 12:07PM P1

CONF. P/ AJB, AIT, CTS

RELATÓRIO DE INSPEÇÃO DE NAVIO



DIRETORIA DE PORTOS E COSTAS
Rua Teófilo Otoni, 4
Rio de Janeiro - RJ - Brasil
20.080-090
Telefone: (21) 3870-5402
Telefax: (21) 3870-5202

Original Comandante
Cópias
Inspetor Naval / DPC
Organização reconhecida (se for o caso)

Formulário A

OFFSHORE

01	Nome da autoridade relatora: Diretoria de Portos e Costas	02	Nome do navio: SKANDI NAVICA																																																								
03	Bandeira do navio: ISLE OF MAN	04	Tipo do navio: LANÇADOR DE TUBOS																																																								
05	Indicativo de chamada: MZHR7	06	Número IMO: 9177856																																																								
07	Arqueação bruta: 6.083	08	Porto bruto (se aplicável):																																																								
09	Ano da construção: 1990	10	Data da inspeção: 05-12-2005																																																								
11	Local da inspeção: ARRAJALDO	12	Sociedade Classificadora: DET NORSKE VERITAS																																																								
13	Particularidades da companhia: DOF MANAGEMENT AS ALFABYGGEF, 5392	14	Certificado(s) pertinente(s): STOREBO - NORWAY																																																								
<table border="1"> <thead> <tr> <th>a) Título</th> <th>b) Autoridade emissora</th> <th>c) Data de emissão</th> <th>d) Data de expiração</th> </tr> </thead> <tbody> <tr> <td>01 Segurança da Construção</td> <td>DNV</td> <td>06-12-2004</td> <td>31-12-2009</td> </tr> <tr> <td>02 Segurança de Equipamento</td> <td>FLAG</td> <td>21-02-2005</td> <td>31-12-2009</td> </tr> <tr> <td>03 Segurança Rádio</td> <td>FLAG</td> <td>21-02-2005</td> <td>31-12-2009</td> </tr> <tr> <td>04 IOPP</td> <td>FLAG</td> <td>21-02-2005</td> <td>31-12-2009</td> </tr> <tr> <td>05 Linha de Carga</td> <td>DNV</td> <td>20-12-2004</td> <td>31-12-2009</td> </tr> <tr> <td>06 DOC/ISM</td> <td>DNV</td> <td>18-11-2005</td> <td>18-12-2010</td> </tr> <tr> <td>07 SMC/ISM</td> <td>FLAG</td> <td>23-09-2005</td> <td>18-09-2010</td> </tr> <tr> <td>08 NLS/COF</td> <td>FLAG</td> <td>21-02-2005</td> <td>31-12-2009</td> </tr> <tr> <td>09 Tripulação de Segurança</td> <td>FLAG</td> <td>20-04-2004</td> <td>---</td> </tr> <tr> <td>10 Arqueação</td> <td>DNV</td> <td>16-12-1999</td> <td>---</td> </tr> <tr> <td>11 CLASS</td> <td>DNV</td> <td>22-12-2004</td> <td>31-12-2009</td> </tr> <tr> <td>12 DPEM</td> <td>PORTO SEGURO</td> <td>02-12-2005</td> <td>02-12-2006</td> </tr> <tr> <td>13 ISSC</td> <td>FLAG</td> <td>23-09-2005</td> <td>18-09-2010</td> </tr> </tbody> </table>				a) Título	b) Autoridade emissora	c) Data de emissão	d) Data de expiração	01 Segurança da Construção	DNV	06-12-2004	31-12-2009	02 Segurança de Equipamento	FLAG	21-02-2005	31-12-2009	03 Segurança Rádio	FLAG	21-02-2005	31-12-2009	04 IOPP	FLAG	21-02-2005	31-12-2009	05 Linha de Carga	DNV	20-12-2004	31-12-2009	06 DOC/ISM	DNV	18-11-2005	18-12-2010	07 SMC/ISM	FLAG	23-09-2005	18-09-2010	08 NLS/COF	FLAG	21-02-2005	31-12-2009	09 Tripulação de Segurança	FLAG	20-04-2004	---	10 Arqueação	DNV	16-12-1999	---	11 CLASS	DNV	22-12-2004	31-12-2009	12 DPEM	PORTO SEGURO	02-12-2005	02-12-2006	13 ISSC	FLAG	23-09-2005	18-09-2010
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15 Deficiências () Não () Sim (ver FORMULÁRIO B anexo)

Órgão emissor *C.P.R.T.*

Telefone (021) 2104-6437

Telefax

Nome

Inspetor Naval

Assinatura

Osama Basilio Sabóia
Port State Control Officer
Inspetor Naval
C.P.R.T.

Este relatório tem que ser guardado a bordo por um período de dois anos e tem que estar disponível para consulta pelo Inspetor Naval a qualquer momento.

Este relatório de inspeção foi emitido somente com o propósito de informar o comandante, armador, operador e outras autoridades interessadas que foi efetuada uma inspeção no navio. Este relatório de inspeção não pode ser interpretado como um certificado de navegabilidade excedente aos certificados que ao navio é exigido possuir.

MARINHA DO BRASIL

CAPTANIA DOS PORTOS DO ESPÍRITO SANTO

ATESTADO DE INSCRIÇÃO TEMPORÁRIA DE EMBARCAÇÃO ESTRANGEIRA (AIT)

NÚMERO 381-E-00450-3

1ª PRORROGAÇÃO

Atesto que a embarcação "SKANDI NAVICA", bandeira ILHA DO HOMEN inscrita em caráter temporário na Capitania dos Portos do Rio de Janeiro, em 07/12/2005, em face da autorização para APOIO MARÍTIMO, ENGENHARIA/CONSTRUÇÃO SUBMARINA PLATAFORMA CONTINENTAL BRASILEIRA no período de 07/12/2005 a 25/02/2006, conforme CAA AAM 0069 PSLV 2005 DA ANTAQ.
1ª Prorrogação: de 01/11/2006 à 21/03/2007 ACD CAA AAM 0082 PSLV 2006 DA ANTAQ

CARACTERÍSTICAS E INFORMAÇÕES COMPLEMENTARES

Tipo de Navegação: APOIO MARÍTIMO
 Atividade ou Serviço: OUTRA ATIVIDADE OU SERVIÇO
 Comprimento Total: 99,76
 Porte Bruto (TPB): 6782
 Velocidade Cruzeiro: 14,0 NÓS
 Propulsão: COM PROPULSÃO
 Porto de Registro: DOUGLAS
 Local e Ano de Construção: NORUEGA, 1999
 Existe Relatório anexo com exigência a ser cumprida: () SIM (X) NÃO
 Armador: LAYPIPE SHIPPING LIMITED
 Afretador: SUBSEA 7 DO BRASIL SERVIÇOS LTDA
 Proprietário: LAYPIPE SHIPPING LIMITED
 Seguradora para Resp. Civil por Danos Causados por Poluição por Óleo: GARD AS.
 Seguradora do Navio: GARD AS
 Sociedade Classificadora do Navio: DET NORSKE VERITA SOC. CLASS. DE NAVIOS LTDA
 Subafretador: XXXXXXXXXXXXXXXXXXXXXXXX
 Operador: SUBSEA 7 DO BRASIL SERVIÇOS LTDA

IRIN: MZHR7
 Nº IMO: 9177856
 Nº de Tripulantes: 18
 Arqueação Bruta (AB): 6.083
 Calado Máximo: 7,165

Este atestado não desobriga o responsável do cumprimento dos demais dispositivos de controle federal previstos na legislação em vigor.

VITÓRIA-ES, em 31/10/2006.

SERGIO GOMES
 Capitão-de-Fragata
 Chefe do Departamento do Tráfego Aquaviário



REPÚBLICA FEDERATIVA DO BRASIL
(FEDERATIVE REPUBLIC OF BRAZIL)
MARINHA DO BRASIL

(Brazilian Navy)

DIRETORIA DE PORTOS E COSTAS

(Directorate of Ports and Coasts)

CARTÃO DE TRIPULAÇÃO DE SEGURANÇA

(Safe Manning Document)



Nome da Embarcação: SKANDI NAVICA (Name of Ship)					
Nº Inscrição: 381-E00450-3 (Nº of Register)	Tipo de Embarcação: OUTRAS (Type of ship)				
Nº IMO: 9177856 (IMO Number)	Indicativo de Chamada: MZHR7 (Call Sign)				
Porto de Registro: DOUGLAS (Port of Register)	Armador: LAYPIPE SHIPPING LIMITED (Owner)				
Tonelagem Bruta: (Gross Tonnage)	AB Nacional: ----- (National)				
	AB Convenção Internacional de Arqueação, 1969: 6083 (International Tonnage Convention, 1969)				
Propulsão Principal: 6000 KW (Main propulsion power KW)					
Grau de Automação das Máquinas: EO (Grade of Automation of Machinery Plant)	Indicativo de Chamada: MZHR7 (Call Sign)				
Tipo de Navegação: APOIO MARÍTIMO (SR) (Navigation Type)	Atividade / Serviço: OUTRA ATIVIDADE OU SERVIÇO (Used to)				
Praça de máquinas periodicamente desguarnecida? (Periodically unattended machine)	<table border="1"> <tr> <td>Sim Yes</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Não No</td> <td><input type="checkbox"/></td> </tr> </table>	Sim Yes	<input checked="" type="checkbox"/>	Não No	<input type="checkbox"/>
Sim Yes	<input checked="" type="checkbox"/>				
Não No	<input type="checkbox"/>				
Área de tráfego: (Trading Area) ÁREA MARÍTIMA A3					

Este documento certifica que, de acordo com a regulamentação brasileira sobre segurança da navegação e de conformidade com a Resolução A.890 (21) de 25 de novembro de 1999 da IMO, este navio é considerado adequadamente tripulado sempre que navegar dentro da sua classificação quanto à classe de navegação e com um número de tripulantes igual ou superior ao especificado neste Cartão de Tripulação de Segurança.

(This is to certify that, under the provisions of the Brazilian navigation regulations and of IMO Resolution A. 890 (21) of 25, November 1999, this ship is considered to be safely manned if, whenever it proceeds to sea in the above mentioned classification, its complement corresponds to, or exceeds, the one specified in this Safe Manning Document.)



GRAU /CAPACIDADE <i>Grade/capacity</i>	CERTIFICADO (REGRA STCW) <i>Certificate (STCW regulation)</i>	NÚMERO DE PESSOAS <i>Number of persons</i>		
		Categor ia (Catego ry)	Nivel (Level)	Quantida de (Quantity)
Comandante (<i>Master</i>)	II/2	CCB	9	01
Imediato (<i>Chief Officer</i>)	II/2	1ON	8	01
Oficial de Náutica (<i>Deck Officer</i>)	II/1	2ON	7	02
Radio Operador (<i>Radio Officer</i>)	II/2	-----	-----	*
Chefe de Máquinas (<i>Chief Engineer</i>)	III/2	1OM	8	01
Subchefe de Máquinas (<i>Second Engineer</i>)	III/1	2OM	7	01
Oficial de Máquinas (<i>Engineer Officer</i>)	III/1	2OM	7	01
Eletricista (<i>Electrician</i>)	-----	ELT	5	01
Enfermeiro/ Auxiliar de Saúde	-----	ASA	3	01**
Cozinheiro (<i>Cook</i>)	-----	CZA	2	01
Talfeiro (<i>Steward</i>)	-----	TAA	2	03
Marinheiro de Máquinas (<i>Oiler</i>)	III/4	MNM	4	01
Marinheiro de Convés (<i>Able Seaman</i>)	II/4	MNC	4	03
Moço de Convés (<i>Ordinary Seaman</i>)	II/4	MOC	3	01

Requisitos ou condições especiais, se houver:
(Special requirement or conditions, if any)
 * A função de rádio Operador será exercida por 02 (dois) Oficiais da seção de convés, que preencham os requisitos o capítulo IV do STCW 78/95, com habilitação reconhecida pela DPC.
 (The Radio Officer can be replaced by two (?) Deck Officer with the skill for the standard...)