

A smartphone screen displays the "VERIFY DOCUMENT" interface. At the top, there is a blue header with the "ClassIBS" logo and a home icon. Below the header, the text "VERIFY DOCUMENT" is centered. A blue button labeled "QR CODE SCAN" is positioned below the text. Underneath, there is a section for "TRACKING ID NO." with four input fields. Below that, the text "Enter the Vessel's IMO Number" is displayed above an "IMO Number" input field. At the bottom of this section, there are two red buttons labeled "VERIFY" and "CLEAR". A gear icon for settings is located at the bottom right of the screen.

ClassIBS e-Certificates

ClassIBS

ISTHMUS BUREAU OF SHIPPING

XX
YEARS
(1995-2015)



PRESENTED BY:

Trinidad Gonzalez Lapenta

trinidad.gonzalez@classibs.org

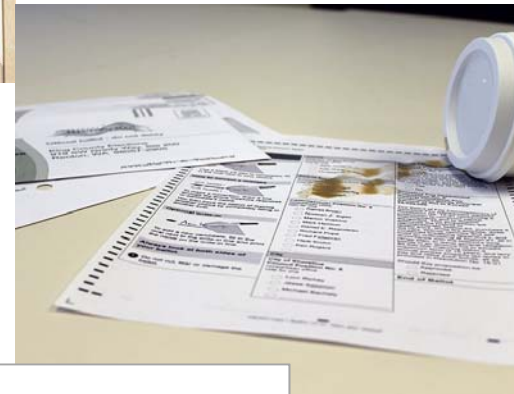
Lead person in the e-Certificates project

DATE: April 10, 2018



Paper Certification Limitations

- ❖ Maintaining and sharing valid certificates
- ❖ Shipping of Certificates is fragile
- ❖ Storing and retrieving certificates
- ❖ Easy falsification
- ❖ Certificates often lost/ misplaced
- ❖ Repeated information-risk of errors





ClassIBS e-Certificates

Generalities

“Guidelines for the Use of Electronic Certificates” (FAL.5/Circ.39/Rev.2) of IMO Facilitation (FAL) Committee.

Electronic Certificates aim to reduce the burden on Administrations, port State control officers, ships' crews and other stakeholders caused, for several reasons, by reliance on traditional paper certificates.

Advantages

- Immediate and continuous access to the e-Certificates, upon issuance.
- e-Certificates are stored and provided on the online server. The secured PDF File bears the digital signatures authenticated by a third party
- Protection from falsification of electronic files
- An e-Certificates Online verification system for the validity of e-Certificates, including verification with a Quick Reference Code (2D barcode)

Compliance with IMO guidelines

A certificate shall be

- valid and consistent with the required format in the conventions
- protected from modifications

The screenshot shows a PDF document viewer interface. At the top, a status bar indicates "Signed and all signatures are valid." Below this, a "Signatures" panel on the left lists a signature: "Rev. 1: Signed by Class IBS <ibs@classibs.org>". A yellow circle highlights this signature entry. In the foreground, an Adobe Acrobat error dialog box is displayed with the message: "This document has been signed and can not be edited." with an "OK" button. The background document is a "ClassIBS Isthmus Bureau of Shipping" International Oil Pollution Prevention Certificate for the ship "FOREVER LUCKY". The certificate includes a QR code, a TID number (1518-0316-0451-028), and a signature block from the Government of Panama. At the bottom, a table lists ship details: SHIP'S NAME: FOREVER LUCKY, DEADWEIGHT OF SHIP (TONNES): --, PORT OF REGISTRY: PANAMA, KEEL LAID: OCTOBER 2nd, 1989, GROSS TONNAGE: 4405, IMO NUMBER: 9003653, CALL SIGN: H 8 W L. Certificate No. IOPP383-A1 and Approval No. 6180020171073 are also listed.

Tools Sign

Signed and all signatures are valid.

Signatures

Rev. 1: Signed by Class IBS <ibs@classibs.org>

Adobe Acrobat

This document has been signed and can not be edited.

OK

ClassIBS
ISTHMUS BUREAU OF SHIPPING

TID: 1518-0316-0451-028

**INTERNATIONAL OIL POLLUTION
PREVENTION CERTIFICATE**

This Certificate shall be supplemented by a Record of Construction and Equipment) under the provisions of the International Convention for the Prevention of Pollution from Ships 1973, as modified by the thereto, as amended, (hereinafter referred to as "the Convention") under the authority of the Government of
THE REPUBLIC OF PANAMA
by **ISTHMUS BUREAU OF SHIPPING**

Certificate No. **IOPP383-A1**
Approval No. 6180020171073

SHIP'S NAME:	FOREVER LUCKY	GROSS TONNAGE:	4405
DEADWEIGHT OF SHIP (TONNES):	--	IMO NUMBER:	9003653
PORT OF REGISTRY:	PANAMA	CALL SIGN:	H 8 W L
KEEL LAID:	OCTOBER 2 nd , 1989		

Compliance with IMO guidelines

It shall carry an
– unique tracking number

SHIP'S NAME:	FOREVER LUCKY	GROSS TONNAGE:	4405
DEADWEIGHT OF SHIP (TONNES) ² :	--	IMO NUMBER:	9003653
PORT OF REGISTRY:	PANAMA	CALL SIGN:	H 8 W L
KEEL LAID:	OCTOBER 2 nd , 1989		

Type of ship¹
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; and
2. That the survey shows that the structure, equipment systems, fittings, arrangements and material of the ship and condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.


This Certificate is valid until October 24th, 2022 ²subject to surveys in accordance with regulation 6 of Annex I of the Convention.

Completion date of the survey on which this certificate is based: October 25th, 2017

Issued at Panama .the 21st day of November, 2017

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




Eng. Mikele Masotti
Isthmus Bureau of Shipping



ISTHMUS BUREAU OF SHIPPING



TID: 1518-0316-0451-0283

**INTERNATIONAL OIL POLLUTION
PREVENTION CERTIFICATE**

(Note: 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 8, relating thereto, as amended, (hereinafter referred to as "the Convention") under the authority of the Government of

THE REPUBLIC OF PANAMA
by *ISTHMUS BUREAU OF SHIPPING*

Certificate No. **IOPP383-A1**
Approval No. **6180020171073**

It shall carry an
– a printable symbol confirming the source



All Full term certificates of ClassIBS vessels for renewal surveys

ClassIBS e-Certificates will be issued for reissuance (Amendments, change of name, etc.)

*Government fees (taxes) may apply

APPLICABILITY OF e-CERTIFICATES

Certificates issued by a Flag State (in example, Ballast Water Management, Tonnage, Ship Security Certificate) are not eligible for ClassIBS e-Certificate system

XX
YEARS
(1995-2015)

HOW IT WORKS

Issuance: Digitally signed Certificate is uploaded to the system


Secured Web Server

(1)

(2)

ClassIBS
ISTHMIUS BUREAU OF SHIPPING



 **ClassIBS**
ISTHMIUS BUREAU OF SHIPPING

TID: 1518-0316-0451-0283

INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE
(Note: 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, as amended, (hereinafter referred to as "the Convention") under the authority of the Government of **THE REPUBLIC OF PANAMA** by **ISTHMIUS BUREAU OF SHIPPING**

Certificate No. **IOPP383-A1**
Approval No. **6180020171073**

SHIP'S NAME:	FOREVER LUCKY	GROSS TONNAGE:	4405
DEADWEIGHT OF SHIP (TONNES):	-	IMO NUMBER:	9003853
PORT OF REGISTRY:	PANAMA	CALL SIGN:	H 8 W L
KEEL LAID:	OCTOBER 2 nd , 1989		

Type of ship¹
 Oil Tanker
 Ship other than an oil tanker with cargo tanks coming under regulation 2(2) of Annex I of the Convention
 Ship other than any of the above

THIS IS TO CERTIFY:


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

This Certificate is valid until October 24th, 2022 ²subject to surveys in accordance with regulation 6 of Annex I of the Convention.

Completion date of the survey on which this certificate is based: October 25th, 2017

Issued at Panama, the 21st day of November, 2017

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

 
Eng. Mikele Masotti
Isthmus Bureau of Shipping

¹ Denote as appropriate
² Inset the date of expiry as specified by the Administration in accordance with regulation 16.1 of Annex I of the Convention. The day and the month of this date correspond to the anniversary date as defined in regulation 1.27 of Annex I of the Convention, unless amended in accordance with regulation 19.2 of Annex I of the Convention.
³ For Oil Tankers

URL: <https://apps.classibs.org/8081/verification.php?imo=9003853&id=1518031604510283>
Isthmus Bureau of Shipping (IBS), Williamson Place 3764, IBS Building, La Boca, Balboa, Panama, Rep. of Panama. Tel: + (507) 211 - 2122. Fax: + (507) 211 - 2273
E-mail: ib@classibs.org Web: www.classibs.org
Forms IOPP - 62 Page 1 of 5 Date of Revision: February, 2016 Rev. 08

ClassIBS CLASSIBS E-CERTIFICATES SYSTEM
ISTHMIUS BUREAU OF SHIPPING

USERNAME

PASSWORD

[Forgot your password?](#)

Issuance

Certificates are delivered in an electronic format to Owner:

1. By email (Direct link to the Certificates of the ship) along with a Declaration Letter
2. Owner can also access the e-Certificates system at any time and see the latest version of the certificate

(1)



Notification of Issuance of e-Certificate to "FOREVER LUCKY" IMO No. 9003653

From: operations@classibs.org

To: TTC SHIP MANAGEMENT CO., LTD

Thank you for using our electronic certificate service "ClassIBS e-Certificate".

The e-Certificate for subject vessel as attached dispatch note. Please download them through the following URL and send them to the ship master.

e-Certificate download URL:

https://apps.classibs.org:8081/certificates-download.php?imo_no=OTAwMzY1Mw==&ship_id=MTg0OQ==

Remarks:

1. e-Certificate is available through above URL
2. Any relevant communication cost (including the cost of downloading electronic certificate and access to the verification site), communication devices, printers and printing costs, etc. are to be borne by the user.
3. Please do not reply to this email. For inquiries, please contact operations@classibs.org

Delivery

ClassIBS
ISTHMUS BUREAU OF SHIPPING

Panama, January 23, 2018

Ref: 0118-101-MOD01

To whom it may concern:

Electronic Class and Statutory certificates on board issued by ClassIBS:

M.V.: **FOREVER LUCKY**
Flag: Panama
IMO Number: 9003653

THIS IS TO CERTIFY THAT the above subject vessel is carrying electronic signed classification and statutory certificates issued by ISTHMUS BUREAU OF SHIPPING (ClassIBS).

To reduce the administrative burden on Administrations, Port State Control officers, Ship's crews and other stakeholders caused amongst other reasons, by reliance on traditional paper certificates, the IMO Facilitation Committee (FAL) approved the issuance of electronic certificates. The IMO FAL Committee approved the Guidelines for the use of electronic certificates (FAL 5/Circ.39/Rev.2) which defines the requirements of electronic certificates that shall be satisfied for using electronic certificates. The main features are as follows:

- Protected Document (Clause 4.1.2)
- Digital Signature (Clause 4.4)
- Unique Tracking number (Clause 4.1.3)
- Printable visible symbol (Clause 4.1.4)
- Verification of electronic certificate on website (Clause 4.2 and 5)

Our Society issues certificates in compliance with the requirements of the IMO's Guidelines under the authorization by Flag State. The authorization letter issued by Flag is attached.

Eng. Alcides Arosemena
Marine Operations Department
ClassIBS



Williamson Place 0764, IBS Building, La Boca Balboa, Panama
P.O. Box 0832-1307, World Trade Center
Phone: (507) 211-2122 | Fax: (507) 211-2280

<http://www.classibs.org>



Owner can store the e-Certificate:

1. By downloading it using the Link provided by e-mail
2. By downloading it from the e-Certificates system
3. *We recommend to keep an electronic local/printed version onboard*



Storing

Es seguro | https://apps.classibs.org:8081/certificates-download.php?imo_no=OTAwMzY1Mw==&ship_id=MTg0OQ==

CLASSIBS E-CERTIFICATE DOWNLOAD

IMO NUMBER: 9003653
SHIP NAME: FOREVER LUCKY

2 Results found

Certificate No.	Ship Name	Status	Issue Date	Expiry Date	Action
<input type="checkbox"/> Select all					
<input type="checkbox"/> IOPP383-A1	FOREVER LUCKY	Endorsed	2017-11-21	2022-10-24	
<input type="checkbox"/> ISPP351	FOREVER LUCKY	Issued	2017-11-21	2018-12-02	

DOWNLOAD

(1)

ISTHMUS BUREAU OF SHIPPING

MAIN MENU

My Profile

View e-Certificates

MAIN MENU

My Profile

View e-Certificates

(2)

Using the Link or by accessing the system, certificates can be downloaded individually or as a zipped file to a local unit at the office or onboard the ship



Storing

ClassIBS
ISTHMUS BUREAU OF SHIPPING

User: ibsheadoffice Logout

MAIN MENU

VIEW E-CERTIFICATES
[Back to Menu](#)

My Profile

View e-Certificates

SEARCH

IMO NUMBER ISSUED DATE APPROVAL NUMBER

SHIP NAME CERTIFICATE NAME

---Select Ship-- ---Select Certificate--

Search

2 Results found

Certificate	Ship Name	IMO No.	Status	Issue Date	Expiry Date	Action
<input type="checkbox"/> Select all	FOREVER LUCKY	9003653	Endorsed	2017-11-21	2022-10-24	
<input type="checkbox"/> IOPP-02	FOREVER LUCKY	9003653	Issued	2017-11-21	2018-12-02	
<input type="checkbox"/> ISPP-02						

DOWNLOAD

Verification and authentication is done through:

1. <https://apps.classibs.org:8081/e-certificates-online-verification.php>

CLASSIBS E-CERTIFICATE VERIFICATION

ClassIBS
ISTHMUS BUREAU OF SHIPPING

E-CERTIFICATE VERIFICATION

Tracking ID

1518 0316 0451 0283

IMO Number
Enter the Vessel's IMO Number below:

9003653

VERIFY



CLASS IBS E-CERTIFICATE VERIFICATION

Tracking ID 1518031604510283

IMO Number 9003653

Ship's Name FOREVER LUCKY

Certificate No. IOPP383-A1

Issue Date 2017-11-21

Status Valid

Supplement / Records [VIEW](#)

[VIEW E-CERTIFICATE](#)

Verification and authentication is done through the URL provided for each certificate:



Eng. Mikele Masotti
Isthmus Bureau of Shipping

¹ Delete as appropriate

² 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 the 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.

³ For Oil tankers

URL: <https://apps.classibs.org:8081/verification.php?imo=9003653&tid=1518031604510283>

Isthmus Bureau of Shipping (IBS), Williamson Place 0764, IBS Building, La Boca, Balboa, Panama, Rep. of Panama, Tel: +(507) 211-2122, Fax: +(507) 211-2273
Email: ibs@classibs.org, Web: www.classibs.org

Form IOPP - 02

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Date of Revision: February, 2016

Rev. 08



Tracking ID	1518031604510283
IMO Number	9003653
Ship's Name	FOREVER LUCKY
Certificate No.	IOPP383-A1
Issue Date	2017-11-21
Status	Valid
Supplement / Records	VIEW

[VIEW E-CERTIFICATE](#)

Verification and authentication is done through:
2. ClassIBS Mobile App

ClassIBS
ISTHMUS BUREAU OF SHIPPING

VERIFY DOCUMENT

QR CODE SCAN

TRACKING ID NO.

Enter the Vessel's IMO Number:

IMO Number

VERIFY CLEAR

Settings icon

Verification



ClassIBS
ISTHMUS BUREAU OF SHIPPING

E-CERTIFICATE VERIFICATION

3:39 PM 97%

Tracking ID 1518031604510283

IMO Number 9003653

Ship's Name FOREVER LUCKY

Certificate No. IOPP383-A1

Issue Date 2017-11-21

Status Valid

Supplements / Records [View](#)

[View Certificate](#)

Settings icon



ClassIBS
ISTHMUS BUREAU OF SHIPPING



TID: 1518-0316-0451-0283

**INTERNATIONAL OIL POLLUTION
PREVENTION CERTIFICATE**

(Note: 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") under the authority of the Government of
THE REPUBLIC OF PANAMA
by **ISTHMUS BUREAU OF SHIPPING**

Certificate No. **IOPP383-A1**
Approval No. **8180020171073**

SHIP'S NAME:	FOREVER LUCKY	GROSS TONNAGE:	4405
DEADWEIGHT OF SHIP (TONNES)*:	--	IMO NUMBER:	9003853
PORT OF REGISTRY:	PANAMA	CALL SIGN:	H 8 W L
KEEL LAID:	OCTOBER 2 nd , 1969		

Type of ship¹
Oil-Tanker

Ship other than an oil tanker with cargo tanks coming under regulation 2(D) 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 5 of Annex I of the Convention; and
2. That the survey shows that the structure, equipment systems, fittings, arrangements and material of the ship and condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.


This Certificate is valid until October 24th, 2022² subject to surveys in accordance with regulation 6 of Annex I of the Convention.

Completion date of the survey on which this certificate is based: October 26th, 2017

Issued at Panama, the 21st day of November, 2017

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




Eng. Mikale Masotti
Isthmus Bureau of Shipping

¹ Delete as appropriate

² 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 the 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.

³ For Oil tankers

URL: <https://apps.classibs.com/8081/verification.php?imo=9003653&tid=1518031604510283>

Isthmus Bureau of Shipping (IBS), Williamson Place 0704, 803 Building, La Boca, Balboa, Panama, Rep. of Panama, Tel: + (507) 211 - 2120, Fax: + (507) 211 - 2272

Form IOPP - 02

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Date of Revision: February, 2016

Rev. 02

Surveyors will endorse a printed copy of the certificate after the survey;

ClassIBS will provide digitally signed electronic certificates upon periodical surveys

IOPP IOPP383-A1
IMO No. 9003653

Endorsement for the annual and intermediate surveys

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:

Annual Survey

Place: Balboa, Panama

Date: 2018-04-20

Surveyor's Name: ALCIDES AROSEMENA

Approval Survey No.: 06052018007

Signature



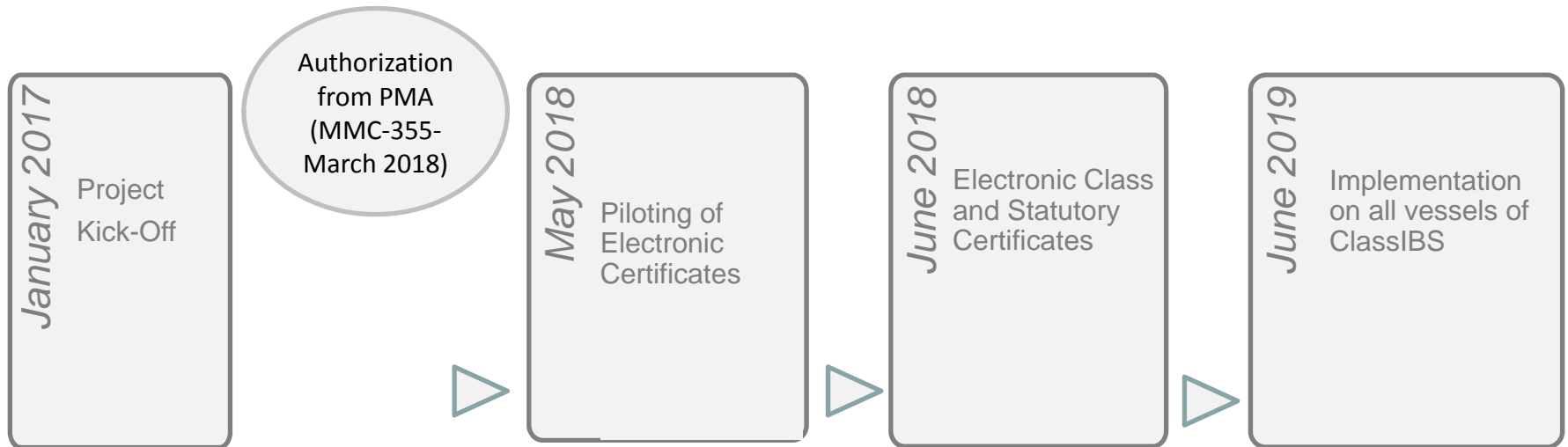
ID No.: 436



Annual / Intermediate* survey

Endorsements

IMPLEMENTATION TIMELINE



Implementation Timeline

XX
YEARS
(1995-2015)

WHAT YOU NEED TO DO



TO ClassIBS Classification Department
 (Email: Planning@Classibs.org)

Application for ClassIBS e-Certificate Service

I agree that the conditions set forth in the below mentioned Terms and Conditions and Manual for using ClassIBS e-Certificate Service, and hereby apply to use the service.

Date of Application: _____

Applicant:

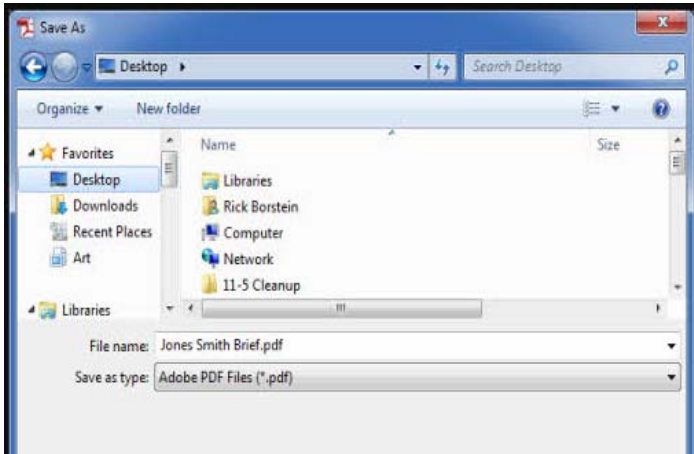
Company Name: _____
 Address: _____ Phone Number: _____
 _____ Fax Number: _____
 _____ Country: _____
 Company Representative: _____ E-mail Address: _____
 (Signature) _____ Job Title: _____
 Name in Block Capitals _____

Ships to be applied e-Certificate Service

IMO No.	Name of Ship	Flag	Email address for notification (max.3)

Note:
 E-certificates are applied to each Full Term certificate issued from the start date of using e-Certificate service.
 Enter Email address(es) to receive notification Email of issuance of e-Certificate (maximum 3 addresses).
 Please attach separate sheets, as necessary, when applying for more than 3 (three) ships.

**Fill out the
 Application form
 for e-Certificates
 Service**



Using the information from Head Office, we recommend that copies of documents are kept locally onboard your ship (printed, if possible) for:

- Easy reference for PSC officers (internet connection may be difficult at some ports)
- Surveyor will endorse the printed certificate at annual surveys



Download the App for verification of your latest e-Certificate anywhere

THANK YOU!