

DEPARTMENT OF HOMELAND SECURITY  
U.S. Coast Guard

**INTERNATIONAL CERTIFICATE OF FITNESS FOR THE  
CARRIAGE OF LIQUEFIED GASES IN BULK**

Issued under the provisions of the International Code for the Construction and  
Equipment of Ships Carrying Liquefied Gases in Bulk

Under the Authority of the Government of:



**THE UNITED STATES OF AMERICA**

by the

**U.S. Coast Guard**

Name of Ship	Official Number	Port of Registry	Cargo Capacity (m <sup>3</sup> )	Type of Ship (Code Paragraph 2.1.2)

Date on which keel was laid; Date ship was at a similar stage of construction; OR Date on which conversion to a gas carrier was commenced (*in the case of a converted ship*): \_\_\_\_\_

The ship also complies fully with the following amendments to the Code:

The ship is exempted from compliance with the following provisions of the Code:

**THIS IS TO CERTIFY THAT:**

- 1.1 The ship has been surveyed in accordance with the provisions of 1.5 of the Code.
- 1.2 The survey showed that the structure, equipment, fittings, arrangements, and materials of the ship and the conditions thereof are in all respects satisfactory, and that the ship complies with the relevant provisions of the Code.
- 2 The ship is suitable for carriage in bulk of the products on the annexed, signed, and dated Product and Conditions List (*Enclosure 1A*) provided that all relevant operational provisions of the Code are observed.
- 3 The following design criteria has been used:
  - 3.1 Ambient air temperature \_\_\_\_\_ °C;
  - 3.2 Ambient water temperature \_\_\_\_\_ °C

An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number.

The Coast Guard estimates that the average burden for this report is about 6 minutes. You may submit any comments concerning the accuracy of this burden estimate or any suggestions for reducing the burden to: Commandant (CG-CVC), U.S. Coast Guard Stop 7501, 2703 Martin Luther King Jr Ave SE, Washington, DC 20593-7501 or Office of Management and Budget, Paperwork Reduction Project (1625-0094), Washington, DC 20503.

**THIS IS TO CERTIFY THAT (continued):**

3.3 Complete the following table:

Tank Type & Number**	Stress Factors				Material	MARVS
	A	B	C	D		
<b>Cargo Piping</b>						

\*\* Tank Numbers are identified on the annexed, signed, and dated Tank Plan (Enclosure 2A).

3.4 Mechanical properties of the cargo tank material were determined at: \_\_\_\_\_ °C , \_\_\_\_\_ °F .

4. In accordance with 1.4<sup>1</sup> and 2.8.2<sup>1</sup>, the provisions of the Code are modified in respect to the ship in the manner shown on the annexed, signed, and dated Enclosure 3A.
5. The ship must be loaded:
  - 5.1 In accordance with the loading conditions provided in the approved loading manual, stamped, and dated \_\_\_\_\_, and signed by a responsible officer of the Administration, or of organization recognized by the Administration<sup>1</sup>;
  - 5.2 In accordance with the loading limitations to this Certificate<sup>1</sup>.

Where it is required to load the ship other than in accordance with the above instruction, then the necessary calculations to justify the proposed loading conditions should be communicated to the certifying Administration which may authorize in writing the adoption of the proposed loading condition<sup>2</sup>.

This Certificate is valid until \_\_\_\_\_<sup>3</sup> subject to surveys in accordance with 1.5 of the Code.

Issued at \_\_\_\_\_, on \_\_\_\_\_  
*(Place Certificate was Issued)* *(Date Issued)*

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

\_\_\_\_\_  
*(Signature of Official Issuing Certificate &/or Seal of Issuing Authority)*



Notes:

1. Delete as appropriate.
2. Instead of being incorporated in the Certificate, this text may be appended to the Certificate if duly signed and stamped.
3. Insert the date of expiry as specified by the Administration in accordance with 1.5.6.1 of the Code. The day and month of this date corresponds to the anniversary date as defined in 1.3.3.3 of the Code, unless amended in accordance with 1.5.6.8 of the Code.

Other Helpful Notes on Completion of Certificate:

- **"Type of Ship":** Any entry under this line must be related to all relevant recommendations (e.g., any entry "Type 2G" should mean type 2G in all respects prescribed by the Code).
- **Paragraph 2.1 & 2.2:** The ambient temperatures accepted or required by the Administration for the purposes of 4.8.1 of the Code to be inserted.
- **Paragraph 2.3:** Stress factors and materials accepted or required by the Administration for the purposes of 4.5.1.4 and 4.5.1.6 of the Code to be inserted.
- **Paragraph 2.4:** Temperature accepted by the Administration for the purposes of 4.5.1.7 of the Code to be inserted.
- **Paragraph 3:** Only products listed in chapter 17 of the Code or those which have been evaluated by the Administration in accordance with paragraph 1.1.6 of the Code or of their compatible mixtures having physical properties within the limitations of tank design should be listed. In respect of the latter "new" products, any special requirements provisionally prescribed should be noted.

## ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

**THIS IS TO CERTIFY THAT**, at a survey required by 1.5.2 of the Code, the ship was found to comply with the relevant provisions of the Code.

**Annual Survey:**

Signed: \_\_\_\_\_  
*(Signature of Authorized Official)*

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*(Seal or Stamp of Authority, as appropriate)*

**Annual/Intermediate<sup>1</sup> Survey:**

Signed: \_\_\_\_\_  
*(Signature of Authorized Official)*

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*(Seal or Stamp of Authority, as appropriate)*

**Annual/Intermediate<sup>1</sup> Survey:**

Signed: \_\_\_\_\_  
*(Signature of Authorized Official)*

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*(Seal or Stamp of Authority, as appropriate)*

**Annual Survey:**

Signed: \_\_\_\_\_  
*(Signature of Authorized Official)*

Place: \_\_\_\_\_

Date: \_\_\_\_\_

*(Seal or Stamp of Authority, as appropriate)*

Note:

1. Delete as appropriate.

**Annual/Intermediate Survey in Accordance with 1.5.6.8.3**

**THIS IS TO CERTIFY THAT**, at an annual/intermediate<sup>1</sup> survey in accordance with 1.5.6.8.3 of the Code, the ship was found to comply with the relevant provisions of the Code.

Signed: \_\_\_\_\_  
(Signature of Authorized Official)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(Seal or Stamp of Authority, as appropriate)

**Endorsement to Extend the Certificate if Valid for Less Than 5 Years Where 1.5.6.3 Applies**

The ship complies with the relevant provisions of the Code, and this Certificate should, in accordance with 1.5.6.3 of the Code, be accepted as valid until \_\_\_\_\_ .

Signed: \_\_\_\_\_  
(Signature of Authorized Official)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(Seal or Stamp of Authority, as appropriate)

**Endorsement Where the Renewal Survey has been Completed and 1.5.6.4 Applies**

The ship complies with the relevant provisions of the Code, and this Certificate should, in accordance with 1.5.6.4 of the Code, be accepted as valid until \_\_\_\_\_ .

Signed: \_\_\_\_\_  
(Signature of Authorized Official)

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(Seal or Stamp of Authority, as appropriate)

Note:

- 1. Delete as appropriate.

**Endorsement to Extend the Validity of the Certificate Until Reaching the Port of Survey  
or a Period of Grace Where 1.5.6.5/1.5.6.6<sup>1</sup> Applies**

This certificate should, in accordance with 1.5.6.5/1.5.6.6<sup>1</sup> of the Code, be accepted as valid until \_\_\_\_\_ .

Signed: \_\_\_\_\_  
*(Signature of Authorized Official)*

Place: \_\_\_\_\_

Date: \_\_\_\_\_  
*(Seal or Stamp of Authority, as appropriate)*

**Endorsement for Advancement of Anniversary Date Where 1.5.6.8 Applies**

In accordance with 1.5.6.8 of the Code, the new anniversary date is \_\_\_\_\_ .

Signed: \_\_\_\_\_  
*(Signature of Authorized Official)*

Place: \_\_\_\_\_

Date: \_\_\_\_\_  
*(Seal or Stamp of Authority, as appropriate)*

In accordance with 1.5.6.8 of the Code, the new anniversary date is \_\_\_\_\_ .

Signed: \_\_\_\_\_  
*(Signature of Authorized Official)*

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Note:

1. Delete as appropriate.

**ENCLOSURE 1A** to the International Certificate of Fitness  
for the Carriage of Liquefied Gases in Bulk

**PRODUCTS & CONDITIONS LIST**

<b>Products</b>	<b>Conditions of Carriage</b> <i>(tank numbers, minimum temperature, MARVS, maximum density, tank loading conditions, etc.)</i>

Tank numbers referred to in this list are identified on the annexed, signed, and dated Tank Plan (*Enclosure 2A*).

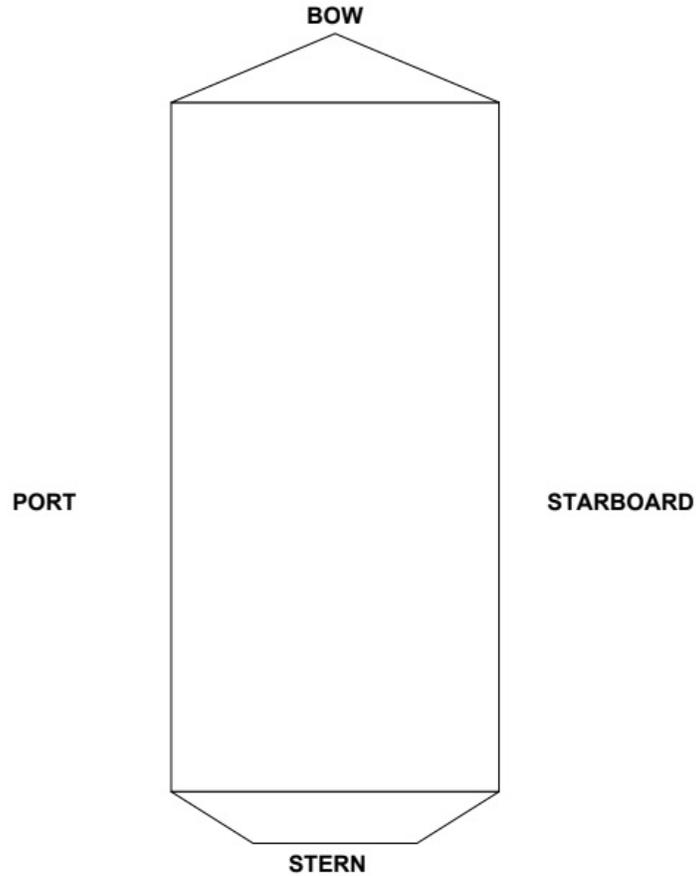
\_\_\_\_\_  
*(Signature of Official Issuing the Certificate  
&/or Seal of Issuing Authority)*

\_\_\_\_\_  
*(Date of Issue)*

**ENCLOSURE 2A** to the International Certificate of Fitness  
for the Carriage of Liquefied Gases in Bulk

**TANK PLAN**

Cargo Tanks Above/Below Main Deck



\_\_\_\_\_  
*(Signature of Official Issuing the Certificate  
&/or Seal of Issuing Authority)*

\_\_\_\_\_  
*(Date of Issue)*

**ENCLOSURE 3A** to the International Certificate of Fitness  
for the Carriage of Liquefied Gases in Bulk

**EQUIVALENTS TO THE PROVISIONS, PROCEDURES, OR  
ARRANGEMENTS REQUIRED BY THE CODE**

\_\_\_\_\_  
*(Signature of Official Issuing the Certificate  
&/or Seal of Issuing Authority)*

\_\_\_\_\_  
*(Date of Issue)*