

**ANNEX 12**

**RESOLUTION MSC.447(99)  
(adopted on 24 May 2018)**

**AMENDMENTS TO THE CODE FOR THE CONSTRUCTION AND EQUIPMENT OF SHIPS  
CARRYING LIQUEFIED GASES IN BULK (GC CODE)**

THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(b) of the Convention on the International Maritime Organization concerning the functions of the Committee,

RECALLING ALSO resolution A.328(IX) by which the Assembly, at its ninth session, adopted the *Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk* (GC Code),

NOTING resolution MSC.441(99), by which it adopted the corresponding amendments to the Certificate of Fitness under the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IGC Code),

HAVING CONSIDERED, at its ninety-ninth session, amendments to the Certificate of Fitness under the GC Code prepared by the Secretariat and, subsequently, approved by the Committee at its ninety-eighth session,

RECOGNIZING the need for the amendments to the GC Code to become effective on the date on which the corresponding amendments to the IGC Code enter into force,

1 ADOPTS amendments to the Certificate of Fitness under the Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk, as amended, the text of which is set out in the annex to the present resolution;

2 DETERMINES that the said amendments shall become effective on 1 January 2020 upon acceptance and entry into force of the corresponding amendments to the IGC Code adopted by resolution MSC.441(99).

ANNEX

**AMENDMENTS TO THE CODE FOR THE CONSTRUCTION AND EQUIPMENT OF SHIPS  
CARRYING LIQUEFIED GASES IN BULK (GC CODE)**

1 In the appendix, the existing paragraph 6 of the model form of Certificate of Fitness for the Carriage of Liquefied Gases in Bulk is replaced with the following:

"6 That the loading and stability information booklet required by paragraph 2.2.3 of the Code has been supplied to the ships in an approved form.

7 That the ship must be loaded:

.1\* only in accordance with loading conditions verified compliant with intact and damage stability requirements using the approved stability instrument fitted in accordance with paragraph 2.2.4 of the Code;

.2\* where a waiver permitted by paragraph 2.2.5 of the Code is granted and the approved stability instrument required by paragraph 2.2.4 of the Code is not fitted, loading should be made in accordance with one or more of the following approved methods:

(i)\* in accordance with the loading conditions provided in the approved loading and stability information booklet referred to in 6 above; or

(ii)\* in accordance with loading conditions verified remotely using an approved means.....; or

(iii)\* in accordance with a loading condition which lies within an approved range of conditions defined in the approved loading and stability information booklet referred to in 6 above; or

(iv)\* in accordance with a loading condition verified using approved critical KG/GM data defined in the approved loading and stability information booklet referred to in 6 above;

.3\* in accordance with the loading limitations appended to this Certificate.

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 who may authorize in writing the adoption of the proposed loading condition.\*\*

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\* Delete as appropriate.

\*\* Instead of being incorporated in the Certificate, this text may be appended to the Certificate, if duly signed and stamped."

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**ANNEX 13**

**AMENDMENTS TO THE CODE FOR EXISTING SHIPS CARRYING LIQUIFIED GASES IN BULK (EGC CODE)**

1 In the appendix, the existing paragraph 6 of the model form of Certificate of Fitness for the Carriage of Liquefied Gases in Bulk is replaced with the following:

"6 That the loading and stability information booklet required by paragraph 2.2 of the Code has been supplied to the ship in an approved form.

7 That the ship must be loaded:

.1\* only in accordance with loading conditions verified compliant with intact and damage stability requirements using the approved stability instrument fitted in accordance with paragraph 2.3 of the Code;

.2\* where a waiver permitted by paragraph 2.4 of the Code is granted and the approved stability instrument required by paragraph 2.3 of the Code is not fitted, loading should be made in accordance with the following approved methods:

(i)\* in accordance with the loading conditions provided in the approved loading and stability information booklet referred to in 6 above; or

(ii)\* in accordance with loading conditions verified remotely using an approved means.....; or

(iii)\* in accordance with a loading condition which lies within an approved range of conditions defined in the approved loading and stability information booklet referred to in 6 above; or

(iv)\* in accordance with a loading condition verified using approved critical KG/GM data defined in the approved loading and stability information booklet referred to in 6 above; and

.3\* in accordance with the loading limitations appended to this Certificate.

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 who may authorize in writing the adoption of the proposed loading condition. \*\*

\* Delete as appropriate.

\*\* Instead of being incorporated in the Certificate, this text may be appended to the Certificate, if duly signed and stamped."

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