

ANNEX 3

**RESOLUTION MSC.476(102)
(adopted on 11 November 2020)**

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

THE MARITIME SAFETY COMMITTEE,

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

NOTING resolution MSC.5(48), by which it adopted the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk ("the IGC Code"), which has become mandatory under chapter VII of the International Convention for the Safety of Life at Sea, 1974 ("the Convention"),

NOTING ALSO article VIII(b) and regulation VII/11.1 of the Convention concerning the procedure for amending the IGC Code,

HAVING CONSIDERED, at its 102nd session, amendments to the IGC Code proposed and circulated in accordance with article VIII(b)(i) of the Convention,

1 ADOPTS, in accordance with article VIII(b)(iv) of the Convention, amendments to the IGC Code, the text of which is set out in the annex to the present resolution;

2 DETERMINES, in accordance with article VIII(b)(vi)(2)(bb) of the Convention, that the amendments shall be deemed to have been accepted on 1 July 2023 unless, prior to that date, more than one third of the Contracting Governments to the Convention or Contracting Governments the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world's merchant fleet have notified their objections to the amendments;

3 INVITES Contracting Governments to note that, in accordance with article VIII(b)(vii)(2) of the Convention, the amendments shall enter into force on 1 January 2024 upon their acceptance in accordance with paragraph 2 above;

4 REQUESTS the Secretary-General, for the purposes of article VIII(b)(v) of the Convention, to transmit certified copies of the present resolution and the text of the amendments contained in the annex to all Contracting Governments to the Convention;

5 REQUESTS ALSO the Secretary-General to transmit copies of this resolution and its annex to Members of the Organization, which are not Contracting Governments to the Convention.

ANNEX

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

**CHAPTER 6
Materials of construction and quality control**

6.5 Welding of metallic materials and non-destructive testing

6.5.3 Welding procedure tests for cargo tanks and process pressure vessels

1 Paragraph 6.5.3.5.1 is replaced by the following:

"1 tensile tests: cross-weld tensile strength shall not be less than the specified minimum tensile strength for the appropriate parent materials. For materials such as aluminium alloys, reference shall be made to 4.18.1.3 with regard to the requirements for weld metal strength of under-matched welds (where the weld metal has a lower tensile strength than the parent metal). In every case, the position of fracture shall be recorded for information;"

ANNEX 5

DRAFT AMENDMENTS TO THE IMO/WHO/ILO MEDICAL FIRST AID GUIDE FOR USE IN ACCIDENTS INVOLVING DANGEROUS GOODS (MFAG) (MSC/CIRC.857)

TABLES

TABLE 2 CPR (CARDIO-PULMONARY RESUSCITATION)

Treatment

The following sentence is added as the new fifth bullet point, under the bullet point on "Once a clear and open airway is established, insert Guedel airway: see appendix 3." and under the corresponding picture:

- "• If the casualty is very breathless, give 50 mg furosemide (frusemide) by intramuscular injection to increase the urine output."

TABLE 19 METHANOL (METHYL ALCOHOL) AND ETHYLENE GLYCOL

INGESTION

The second, third and fourth bullet points under the heading "Treatment" are amended to read as follows:

- "• Give 70 mL of ethyl alcohol 99.5% in 350 to 500 mL water or soft drink.
- This is a **MEDICAL EMERGENCY**. The casualty should be transferred to a shore hospital as soon as possible.
- Continue to give 10 mL of ethyl alcohol 99.5 % in 50 mL or more water or soft drink every hour until the casualty can be evacuated."

FOLLOW-UP

The first bullet point is amended to read as follows:

- "• If the casualty cannot be evacuated, and if medically advised, continue treatment with alcohol (ethyl alcohol) up to maximum 15 hours."

Appendices

Appendix 2

CPR (CARDIO-PULMONARY RESUSCITATION)

Breathing and heart have stopped

The first sentence under the heading "Terminating heart compression" is amended to read as follows:

"With deep unconsciousness, the absence of spontaneous respiration and fixed, dilated pupils having persisted for 30 min, further efforts to restore circulation and breathing are usually futile and might be stopped, unless a case of hypothermia or intoxication is suspected."
