

ANNEX 1

DRAFT MSC RESOLUTION

**AMENDMENTS TO THE INTERNATIONAL MARITIME DANGEROUS GOODS
(IMDG) CODE**

THE MARITIME SAFETY COMMITTEE,

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

NOTING resolution MSC.122(75) by which it adopted the International Maritime Dangerous Goods Code (hereinafter referred to as "the IMDG Code"), which has become mandatory under chapter VII of the International Convention for the Safety of Life at Sea (SOLAS), 1974, as amended (hereinafter referred to as "the Convention"),

NOTING ALSO article VIII(b) and regulation VII/1.1 of the Convention concerning the procedure for amending the IMDG Code,

HAVING CONSIDERED, at its 102nd session, amendments to the IMDG 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 IMDG Code, the text of which is set out in the annexes 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 December 2021, 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 the Convention to note that, in accordance with article VIII(b)(vii)(2) of the Convention, the amendments shall enter into force on 1 June 2022 upon their acceptance in accordance with paragraph 2 above;

4 AGREES that Contracting Governments to the Convention may apply the aforementioned amendments in whole or in part on a voluntary basis from 1 January 2021;

5 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 annexes to all Contracting Governments to the Convention;

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

ANNEX

**DRAFT AMENDMENTS TO THE
INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG) CODE
(AMENDMENT 40-20)**

(Note: Only a list of additional modifications to the draft IMDG Code (amendment 40-20), the full text of which was circulated by Circular Letter No.4135 of 7 November 2019, will be provided in this annex. The final consolidated text of IMDG Code (amendment 40-20) will be prepared by the Secretariat and annexed to the report of the Committee.)

ANNEX 2

DRAFT EDITORIAL MODIFICATIONS TO THE ENGLISH VERSION OF THE DRAFT AMENDMENTS (40-20) TO THE INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG) CODE (CIRCULAR LETTER NO.4135)

PART 2 CLASSIFICATION

Chapter 2.1 Class 1 – Explosives

2.1.3 Classification procedure

2.1.3.5.2 Replace the existing first sentence with the following:

"Assignment of fireworks to UN Nos. 0333, 0334, 0335 or 0336, and assignment of articles to UN 0431 for those used for theatrical effects meeting the definition for article type and the 1.4G specification in the default fireworks classification table in 2.1.3.5.5 may be made on the basis of analogy, without the need for Test Series 6 testing, in accordance with the default fireworks classification table in 2.1.3.5.5."

Chapter 2.5 Class 5 – Oxidizing substances and organic peroxides

2.5.3 Class 5.2 – Organic peroxides

2.5.3.2 Classification of organic peroxides

2.5.3.2.4 List of currently assigned organic peroxides in packagings

In the "Exempt" entries, replace "DI-(2-*tert*-BUTYLPEROXYISOPROPYL)BENZENE(S)" with "DI-(*tert*-BUTYLPEROXYISOPROPYL)BENZENE(S)".

Chapter 2.7 Class 7 – Radioactive material

2.7.2 Classification

2.7.2.4 Classification of packages or unpackaged materials

2.7.2.4.1.3 In sub-paragraph .6, replace the words "shall apply" with "applies".

2.7.2.4.1.4 In sub-paragraph .3, replace the words "shall apply" with "applies".

2.7.2.4.1.7 In sub-paragraph .5, replace the words "shall apply" with "applies".

**PART 3
DANGEROUS GOODS LIST,
SPECIAL PROVISIONS AND EXCEPTIONS**

**Chapter 3.1
General**

3.1.4 Segregation groups

3.1.4.4 In the entry "18 Alkalis (SGG18)", replace "1289 Sodium methylate" with "1289 Sodium methylate solution" and replace "1431 Sodium methylate solution" with "1431 Sodium methylate".

**Chapter 3.2
Dangerous Goods List**

Dangerous Goods List

UN No.	Amendment
2913	In column 2, in the proper shipping name, replace "SCO-I or SCO-II" with "SCO-I, SCO-II or SCO-III"

**Chapter 3.3
Special provisions applicable to certain substances,
materials or articles**

- SP 309 In the final paragraph, replace the words "an ANE" with "an ammonium nitrate emulsion, suspension or gel, intermediate for blasting explosives (ANE)".
- SP 310 In the third paragraph, delete the words "and packaged in accordance with P908 of 4.1.4.1 or LP904 of 4.1.4.3 as applicable".
- SP 377 In the fourth paragraph, delete the words "and packaged in accordance with P908 of 4.1.4.1 or LP904 of 4.1.4.3 as applicable".

**PART 4
PACKING AND TANK PROVISIONS**

**Chapter 4.1
Use of packagings, including intermediate bulk containers (IBCs)
and large packagings**

4.1.4 List of packing instructions

4.1.4.1 Packing instructions concerning the use of packagings (except IBCs and large packagings)

P622 In additional requirement 1, replace the words "rigid intermediate packagings", with "a rigid intermediate packaging".

In additional requirement 4, replace the words "to at least 165 g" with "of at least 165 g", and replace the words "to at least 480 g" with "of at least 480 g".

4.1.4.3 Packing instructions concerning the use of large packagings

LP622 In additional requirement 4, replace the words "to at least 165 g" with "of at least 165 g", and replace the words "to at least 480 g" with "of at least 480 g".

PART 6 CONSTRUCTION AND TESTING OF PACKAGINGS, INTERMEDIATE BULK CONTAINERS (IBCs), LARGE PACKAGINGS, PORTABLE TANKS, MULTIPLE-ELEMENT GAS CONTAINERS (MEGCs) AND ROAD TANK VEHICLES

Chapter 6.1 Provisions for the construction and testing of packagings

6.1.3 Marking

6.1.3.13 In the second sentence, replace the words "must appear" with "shall appear" (*twice*).

Chapter 6.3 Provisions for the construction and testing of packagings for class 6.2 infectious substances of category A (UN 2814 and UN 2900)

6.3.5 Test provisions for packagings

6.3.5.3 Drop test

6.3.5.3.2.2 In the introductory sentence after the words "in the shape of a drum", insert "or a jerrican".

In sub-paragraphs .1 and .2, replace the word "chime" with "edge".

In sub-paragraph .3, replace the word "side" with "body or side".

Chapter 6.4 Provisions for the construction, testing and approval of packages for radioactive material and for the approval of such material

6.4.23 Applications for approval and approvals for radioactive material transport

6.4.23.12 In sub-paragraph (a), replace "A/132/B(M)F-96" with "A/132/B(M)F", replace "A/132/B(M)F-96T" with "A/132/B(M)FT", replace "A/139/IF-96" with "A/139/IF" and replace "A/145/H(U)-96" with "A/145/H(U)".

In sub-paragraph (b), replace "A/132/B(M)F-96" with "A/132/B(M)F", and replace "CH/28/B(M)F-96" with "CH/28/B(M)F".

In sub-paragraph (c), replace "A/132/B(M)F-96 (Rev.2)" with "A/132/B(M)F (Rev.2)", and replace "A/132/B(M)F-96 (Rev.0)" with "A/132/B(M)F (Rev.0)".

In sub-paragraph (d), replace "A/132/B(M)F-96(SP503)" with "A/132/B(M)F(SP503)".

Chapter 6.5
Provisions for the construction and testing
of intermediate bulk containers (IBCs)

6.5.2 Marking

6.5.2.1 Primary marking

6.5.2.1.3 In the last sentence, replace the words "a packaging" with "an IBC", and replace the words "must appear" with "shall appear".

Chapter 6.6
Provisions for the construction and testing
of large packagings

6.6.3 Marking

6.6.3.4 In the last sentence, replace the words "must appear" with "shall appear" (*twice*).

Chapter 6.7
Provisions for the design, construction, inspection and testing
of portable tanks and multiple-element gas containers (MEGCs)

6.7.2 Provisions for the design, construction, inspection and testing of portable tanks intended for the transport of substances of class 1 and classes 3 to 9

6.7.2.19 Inspection and testing

6.7.2.19.6.1 Delete paragraph 6.7.2.19.6.1 and move the text "Except as provided for in this paragraph, portable tanks which have missed the timeframe for their scheduled 5-year or 2.5-year periodic inspection and test may only be filled and offered for transport if a new 5-year periodic inspection and test is performed according to 6.7.2.19.4." as the new last paragraph of 6.7.2.19.6, after the existing sub-paragraph .2.

6.7.3 Provisions for the design, construction, inspection and testing of portable tanks intended for the transport of non-refrigerated liquefied gases of class 2

6.7.3.15 Inspection and testing

6.7.3.15.6.1 Delete paragraph 6.7.3.15.6.1 and move the text "Except as provided for in this paragraph, portable tanks which have missed the timeframe for their scheduled 5-year or 2.5-year periodic inspection and test may only be filled and offered for transport if a new 5-year periodic inspection and test is performed according to 6.7.3.15.4." as the new last paragraph of 6.7.3.15.6, after the existing sub-paragraph .2.

6.7.4 Provisions for the design, construction, inspection and testing of portable tanks intended for the transport of refrigerated liquefied gases of class 2

6.7.4.14 Inspection and testing

6.7.4.14.6.1 Delete paragraph 6.7.4.14.6.1 and move the text "Except as provided for in this paragraph, portable tanks which have missed the timeframe for their scheduled 5-year

or 2.5-year periodic inspection and test may only be filled and offered for transport if a new 5-year periodic inspection and test is performed according to 6.7.4.14.4." as the new last paragraph of 6.7.4.14.6, after the existing sub-paragraph .2.

**PART 7
PROVISIONS CONCERNING
TRANSPORT OPERATIONS**

**Chapter 7.1
General stowage provisions**

7.1.4 Special stowage provisions

7.1.4.5 Stowage of goods of class 7

7.1.4.5.3 At the end of sub-paragraph .3, replace the words "radiation limits" with "dose rate limits".

**Appendix A
List of generic and N.O.S. proper shipping names**

In the table, for class 7, in the entry for UN 2913, in the column for proper shipping name, general entries, replace "SCO-I or SCO-II" with "SCO-I, SCO-II or SCO-III".

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In the column for "Substance, material or article", replace "Di-(2-*tert*-butylperoxyisopropyl)benzene(s) (concentration ≤ 42%, with inert solid) (**exempt**)" with "Di-(*tert*-butylperoxyisopropyl)benzene(s) (concentration ≤ 42%, with inert solid) (**exempt**)".

In the column for "Substance, material or article", in the entry for RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), non fissile or fissile-excepted, UN 2913, replace "SCO-I or SCO-II" with "SCO-I, SCO-II or SCO-III".
