

International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IGC Code)

1993 Edition

Supplement June 2013

The following amendments were adopted by resolution MSC.177(79) on 10 December 2004 and entered into force on 1 July 2006:

Chapter 3 – Ship arrangements

(The following amendment applies to ships constructed on or after 1 January 2007.)

- 1 *In paragraph 3.6.4, the reference to “10.2.5.4” is replaced by “10.1.4”.*

Chapter 10 – Electrical installations

(The following amendments apply to ships constructed on or after 1 January 2007)

- 2 *In paragraph 10.1.2, at the end of the first sentence, the following footnote is added:*

** Refer to the relevant standards of the International Electrotechnical Commission, in particular, publication IEC 60092-502.*

- 3 *In paragraph 10.1.3, the footnote at the end of the paragraph is deleted.*

- 4 *In paragraph 10.1.4, the words “when the exceptions listed in 10.2 are permitted” in the first sentence are deleted.*

- 5 *The following new sentence is added at the end of paragraph 10.1.4:*
“Electrical equipment, cables and wiring should not be installed in hazardous locations unless it conforms with the standards not inferior to those acceptable to the Organization.* However, for

locations not covered by such standards, electrical equipment, cables and wiring which do not conform to the standards may be installed in hazardous locations based on a risk assessment to the satisfaction of the Administration, to ensure that an equivalent level of safety is assured.

* Refer to the standards published by the International Electrotechnical Commission, IEC 60092-502:1999, *Electrical installations in ships – Tankers*."

6 Existing paragraph 10.2 is deleted.

Appendix – Model form of International Certificate of Fitness for the Carriage of Liquefied Gases in Bulk

7 In the form of the International Certificate of Fitness for the Carriage of Liquefied Gases in Bulk, the following new section is inserted between the section commencing with the words "This certificate is valid until" and the section commencing with the words "Issued at":

"Completion date of the survey on which this certificate is based"
(dd/mm/yyyy)

The following amendments were adopted by resolution MSC.220(82) on 8 December 2006 and entered into force on 1 July 2008:

Chapter 1 – General

1.3 Definitions

1 In paragraph 1.3.2, the words "regulation II-2/3.3 of the 1983 SOLAS amendments" are replaced by "SOLAS regulation II-2/3.2".

2 Paragraph 1.3.34 is replaced by the following new paragraph 1.3.34:

"1.3.34 "SOLAS" means the International Convention for the Safety of Life at Sea, 1974, as amended."

Chapter 3 – Ship arrangements

3.3 Cargo pump-rooms and cargo compressor rooms

3 In paragraph 3.3.1.1, the words "regulation II-2/58 of the 1983 SOLAS amendments" are replaced by "SOLAS regulation II-2/9.2.4".

Chapter 11 – Fire protection and fire extinction

11.1 Fire safety requirements

4 *In paragraph 11.1.1, the words “chapter II-2 of the 1983 SOLAS amendments” are replaced by “SOLAS chapter II-2”, and sub-paragraphs .1 to .3 are replaced by the following new sub-paragraphs:*

- “.1 regulations 4.5.1.6 and 4.5.10 do not apply;*
- .2 regulation 10.2 as applicable to cargo ships and regulations 10.4 and 10.5 should apply as they would apply to tankers of 2,000 gross tonnage and over;*
- .3 regulation 10.5.6 should apply to ships of 2,000 gross tonnage and over;*
- .4 the following regulations of SOLAS chapter II-2 related to tankers do not apply and are replaced by chapters and sections of the Code as detailed below:*

Regulation	Replaced by
10.10	11.6
4.5.1.1 and 4.5.1.2	chapter 3
4.5.5 and 10.8	11.3 and 11.4
10.9	11.5

- .5 regulations 13.3.4 and 13.4.3 should apply to ships of 500 gross tonnage and over.”*

11.2 Fire water main equipment

5 *In paragraph 11.2.1, the words “regulations II-2/4 and II-2/7 of the 1983 SOLAS amendments” are replaced by “SOLAS regulations II-2/10.2, 10.4 and 10.5”, the words “regulations 4.2.1 and 4.4.1” are replaced by “regulations II-2/10.2.2.4.1 and II-2/10.2.1.3” and “regulation 4.4.2” is replaced by “regulation II-2/10.2.1.6”.*

6 *In paragraph 11.2.2, the words “regulations II-2/4.5.1 and II-2/4.8 of the 1983 SOLAS amendments, with hose lengths not exceeding 33 m” are replaced by “SOLAS regulations II 2/10.2.1.5.1 and II-2/10.2.3.3, with hose lengths as specified in regulation II 2/10.2.3.1.1”.*

11.5 Cargo compressor and pump rooms

7 *In paragraph 11.5.1, the words “regulation II-2/5.1 and .2 of the 1974 SOLAS Convention, as amended” are replaced by “SOLAS regulation II-2/10.9.1.1”, the words “regulation II-2/5.1.6 of the 1983 SOLAS amendments” are replaced by “SOLAS regulation II 2/10.9.1.1.1”.*

8 *In paragraph 11.6, in the heading, the word “Firemen’s” is replaced by the word “Fire-fighter’s”.*

9 *In paragraph 11.6.1, the word “firemen’s” is replaced by the word “fire-fighter’s” and the words “regulation II-2/17 of the 1983 SOLAS amendments” are replaced by “SOLAS regulation II 2/10.10”.*

Chapter 12 – Mechanical ventilation in the cargo area

10 *The words after the heading “The requirements of this chapter should be substituted for regulation II-2/59.3 of the 1983 SOLAS amendments” are replaced by the words “The requirements of this chapter should be substituted for SOLAS regulations II-2/4.5.2.6 and II 2/4.5.4”.*

Chapter 19 – Summary of minimum requirements

11 *The following products are added to the table in chapter 19:*

a	b	c	d	e	f	g	h	i
<i>Product name</i>	<i>UN number</i>	<i>Ship type</i>	<i>Independent tank type C required</i>	<i>Control of vapour space within cargo tanks</i>	<i>Vapour detection</i>	<i>Gauging</i>	<i>MFAG table No.</i>	<i>Special requirements</i>
Dimethyl ether	–	2G/2PG	–	–	F + T	C	–	
Carbon dioxide	–	3G	Yes	–	–	C	–	