

## Maritime Knowledge Centre

# INFORMATION RESOURCES ON BULK CARRIER SAFETY

(Last Updated: 4 March 2010)

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**Links to other Relevant Information Resources Documents:** : Information Resources on [“Double/Single Hull Ship Design and related issues”](#)

## IMO MATERIAL ON THE WEBSITE

**SeaLibrary Online. Maritime Knowledge Centre Catalogues Online.**

[http://www.imo.org/InfoResource/mainframe.asp?topic\\_id=827](http://www.imo.org/InfoResource/mainframe.asp?topic_id=827)

**Bulk carrier safety.** [http://www.imo.org/Safety/mainframe.asp?topic\\_id=349](http://www.imo.org/Safety/mainframe.asp?topic_id=349)

**Survey and certification : Guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers** (IMO Resolution A.744(18), as amended) : An overview. Paper by Dr. Heike Hoppe, Technical Officer, January 2002. [http://www.imo.org/includes/blastDataOnly.asp/data\\_id=4267/HeikeA744.pdf](http://www.imo.org/includes/blastDataOnly.asp/data_id=4267/HeikeA744.pdf)

### **Focus on IMO**

**IMO and the safety of bulk carriers.** In: *Focus on IMO, September 1999.*

[http://www.imo.org/includes/blastData.asp/doc\\_id=425/BULK99.FIN.pdf](http://www.imo.org/includes/blastData.asp/doc_id=425/BULK99.FIN.pdf)

### **IMO News Magazine**

Notices:

1. For a list of articles in the IMO News Magazines on this subject, please refer to the IMO website [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=11](http://www.imo.org/Newsroom/mainframe.asp?topic_id=11)
2. The IRDs changed the contents in 2008 therefore if you wish to receive an archive copy where you can find a full list of articles in the IMO News Magazine on the subject with links to the IMO Website, please contact [maritimeknowledgecentre@imo.org](mailto:maritimeknowledgecentre@imo.org) (Please note that the IRDs were last updated in November/December 2007)

### **Press Briefings**

Notices:

1. For a list of Press Briefings on this subject, please refer to the IMO website [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=5](http://www.imo.org/Newsroom/mainframe.asp?topic_id=5)
2. The IRDs changed the contents in 2008 therefore if you wish to receive an archive copy where you can find a full list of Press Briefings on the subject with links to the IMO Website ,please contact [maritimeknowledgecentre@imo.org](mailto:maritimeknowledgecentre@imo.org) (Please note that the IRDs were last updated in November/December 2007)

## IMO DOCUMENTS

Notices:

1. Please note that only Resolutions, Circulars, Circular Letters, Conferences and Final Reports of the meeting sessions are listed below. For a list of IMO Documents on this subject please contact [maritimeknowledgecentre@imo.org](mailto:maritimeknowledgecentre@imo.org)
2. The IRDs changed the contents in 2008 therefore if you wish to receive an archive copy where you can find a full list of IMO Documents on the subject, please contact [maritimeknowledgecentre@imo.org](mailto:maritimeknowledgecentre@imo.org) (Please note that the IRDs were last updated in November/December 2007)

## Resolutions

- A.184(VI) Adoption of grain regulations as an equivalent to chapter VI of the International Convention for the Safety of Life at sea, 1960. 1969.
- A.713(17) Safety of ships carrying solid bulk cargoes. 1991.
- A. 744(18) Guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil Tankers. 1993
- A.797(19) Safety of ships carrying solid bulk cargoes. 1995.
- A.798(19) Guidelines for the selection, application and maintenance of corrosion prevention systems of dedicated seawater ballast tanks. 1995.
- A.862(20) Code of practice for the safe loading and unloading of bulk carriers 1997
- A.886(20) Guidance to ships' crews and terminal personnel for bulk carrier inspections 1997
- MSC.49(66) Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18))
- MSC.105(73) Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended)
- MSC.125(75) Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended)
- MSC.144(77) Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended)
- MSC.145(77) Performance standards for water level detectors on bulk carriers
- MSC.146(77) Application of IACS unified requirements S26, S27, and S31 to bulk carriers
- MSC.197(80) Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended)
- MSC.215(82) Performance standard for protective coatings for dedicated seawater ballast tanks in all types of ships and double-skin spaces of bulk carriers
- MSC 261(84) Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended)
- MSC 268(85) Adoption of the International Maritime Solid Bulk Cargoes (IMSBC) Code.

## Circulars

### BC

- BC/Circ.57 Contact names and addresses of the offices of designated national competent authorities responsible for the safe carriage of grain and solid cargoes  
12/12/00

## MSC

MSC/Circ.531 12/06/90	Instability of ships resulting from shifting or liquefaction of bulk cargo.
MSC/Circ.611 18/06/93	Questionnaire on the condition of ships carrying solid bulk cargoes.
MSC/Circ.628 17/06/93	Guidelines on the enhanced programme of surveys for bulk carriers
MSC/Circ.646	Recommendations for the fitting of hull stress monitoring systems for improving the safe operation of ships carrying dry cargo in bulk. 06/06/94
MSC/Circ.655 06/06/94	Guidance for planning the enhanced programme of inspections during surveys of bulk carriers and oil tankers.
MSC/Circ.665 22/12/94	Duties of chief mate and officer of the watch (OOW) at loading and discharging ports. Containers and cargoes : loading and unloading of bulk cargoes
MSC/Circ.666 22/12/94	Cargo operation form. Containers and cargoes : loading and unloading of bulk cargoes.
MSC/Circ.667 22/12/94	Safe practice on board bulk carriers.
MSC/Circ.686 02/06/95	Guidelines on the means of access to structures for inspection and maintenance of oil tanker and bulk carriers.
MSC/Circ.690 01/06/95	Ship/shore safety checklist for loading or unloading dry bulk cargo carriers.
MSC/Circ.742 14/06/96	Amendments to the Code of safe practice for solid bulk cargoes (BC Code).
MSC/Circ.815 13/11/1998	List of IMO safety-related requirements and recommendations applicable to all ships and certain types of ships <a href="http://www.imo.org/Circulars/mainframe.asp?topic_id=333">http://www.imo.org/Circulars/mainframe.asp?topic_id=333</a>
MSC/Circ.908 04/06/99	Uniform method of measurement of the density of bulk cargoes <a href="http://www.imo.org/includes/blastData.asp/doc_id=827/908.PDF">http://www.imo.org/includes/blastData.asp/doc_id=827/908.PDF</a>
MSC.Circ.921 04/06/99	Amendments to the Code of Safe Practice for solid Bulk Cargoes (BC Code) <a href="http://www.imo.org/includes/blastData.asp/doc_id=842/921.PDF">http://www.imo.org/includes/blastData.asp/doc_id=842/921.PDF</a>
MSC/Circ.947 & FAL/Circ.91 01/06/00	Safe loading and unloading of bulk carriers <a href="http://www.imo.org/includes/blastData.asp/doc_id=844/947.pdf">http://www.imo.org/includes/blastData.asp/doc_id=844/947.pdf</a>
MSC/Circ.962 01/06/00	Amendments to the Code of Safe Practice for solid bulk cargoes (BC Code) <a href="http://www.imo.org/includes/blastData.asp/doc_id=865/962.pdf">http://www.imo.org/includes/blastData.asp/doc_id=865/962.pdf</a>
MSC/Circ.1013 23/07/01	Interim application of paragraph 4.6.1.1, 4.6.2.2 and 15.7 of the survey guidelines under the harmonized system of survey and certification (Resolution A.746(18))

MSC/Circ.1051 19/07/02	Interim application of paragraphs 4.6.1.1, 4.6.2.2 and 15.7 of the survey guidelines under the harmonized system of survey and certification (Resolution A.746(18)) <a href="http://www.imo.org/includes/blastData.asp/doc_id=2294/1051.pdf">http://www.imo.org/includes/blastData.asp/doc_id=2294/1051.pdf</a>
MSC/Circ.1071 13/06/2003	Guidelines for bulk carrier hatch cover surveys and owner's inspections and maintenance <a href="http://www.imo.org/includes/blastData.asp/doc_id=2972/1071.pdf">http://www.imo.org/includes/blastData.asp/doc_id=2972/1071.pdf</a>
MSC/Circ.1084 13/06/2003	Principles for hot work on board all types of ships <a href="http://www.imo.org/includes/blastData.asp/doc_id=2985/1084.pdf">http://www.imo.org/includes/blastData.asp/doc_id=2985/1084.pdf</a>
MSC/Circ.1095 18/06/2003	Revised minimum safety standards for ships carrying liquids in bulk containing benzene <a href="http://www.imo.org/includes/blastData.asp/doc_id=3014/1095.pdf">http://www.imo.org/includes/blastData.asp/doc_id=3014/1095.pdf</a>
MSC/Circ.1100 & MEPC/Circ.407 27/08/2003	Recommendation for the use of a standard format for the cargo information required by chapter 16 of the IBC Code <a href="http://www.imo.org/includes/blastData.asp/doc_id=3188/1100.pdf">http://www.imo.org/includes/blastData.asp/doc_id=3188/1100.pdf</a>
MSC/Circ.1107 25/05/2004	Application of Solas regulation II-1/3-6 on access to and within spaces in, and forward of, the cargo area of oil tankers and bulk carriers and application of the technical provisions for means of access for inspections <a href="http://www.imo.org/includes/blastData.asp/doc_id=3685/1107.pdf">http://www.imo.org/includes/blastData.asp/doc_id=3685/1107.pdf</a>
MSC/Circ.1108 25/05/2004	Guidelines for assessing the longitudinal strength of bulk carriers during loading, unloading and ballast water exchange <a href="http://www.imo.org/includes/blastData.asp/doc_id=3681/1109.pdf">http://www.imo.org/includes/blastData.asp/doc_id=3681/1109.pdf</a>
MSC/Circ.1117 24/06/2004	Guidance for checking the structure of bulk carriers <a href="http://www.imo.org/includes/blastData.asp/doc_id=3727/1117.pdf">http://www.imo.org/includes/blastData.asp/doc_id=3727/1117.pdf</a>
MSC/Circ.1119 10/06/2004	Ship/terminal interface improvement for bulk carriers <a href="http://www.imo.org/includes/blastData.asp/doc_id=3728/1119.pdf">http://www.imo.org/includes/blastData.asp/doc_id=3728/1119.pdf</a>
MSC/Circ.1143 13/12/2004	Guidelines on early assessment of hull damage and possible need for abandonment of bulk carriers <a href="http://www.imo.org/includes/blastData.asp/doc_id=4581/1143.pdf">http://www.imo.org/includes/blastData.asp/doc_id=4581/1143.pdf</a>
MSC/Circ.1146 15/12/2004	Lists of solid bulk cargoes for which a fixed gas fire-extinguishing system may be exempted or for which a fixed gas fire-extinguishing system is ineffective <a href="http://www.imo.org/includes/blastData.asp/doc_id=4752/1146.pdf">http://www.imo.org/includes/blastData.asp/doc_id=4752/1146.pdf</a>
MSC/Circ.1159 24/05/2005	Guidelines on the provision of stability-related information for bulk carriers <a href="http://www.imo.org/includes/blastData.asp/doc_id=5141/1159.pdf">http://www.imo.org/includes/blastData.asp/doc_id=5141/1159.pdf</a>
MSC/Circ.1160 16/05/2005	Manual on loading and unloading of solid bulk cargoes for terminal representatives <a href="http://www.imo.org/includes/blastData.asp/doc_id=5144/1160.pdf">http://www.imo.org/includes/blastData.asp/doc_id=5144/1160.pdf</a>

## **Sub-Committee on Ship Design and Equipment**

### **44<sup>th</sup> Session** (5 – 9 March 2001)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=107&doc\\_id=340](http://www.imo.org/Newsroom/mainframe.asp?topic_id=107&doc_id=340)

DE 44/19	Report to the Maritime Safety Committee. (Annex 9 – Draft amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18) as amended)
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#### **45<sup>th</sup> Session** (18 – 22 March 2002)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=107&doc\\_id=2045](http://www.imo.org/Newsroom/mainframe.asp?topic_id=107&doc_id=2045)

DE 45/27 Report to the Maritime Safety Committee (Section 14 – Matters related to bulk carriers; Annex 9 – Draft MSC Resolution on adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended)

#### **46<sup>th</sup> Session** (10 – 19 March 2003)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=107&doc\\_id=2676](http://www.imo.org/Newsroom/mainframe.asp?topic_id=107&doc_id=2676)

DE 46/32 Report to the Maritime Safety Committee. (Section 18 – Performance standards for water ingress alarms on bulk carriers; Section 19 – Guidance on early abandonment of bulk carriers; Section 20 – Application of IACS URs S26, S27 and S31 to bulk carriers; Section 22 – Standards for hatch cover securing mechanisms on bulk carriers, Section 23 – Alternate hold loading ban for bulk carriers; Section 24 – Double side skin construction of bulk carriers; Section 25 – Application of structural standards in SOLAS Chapter XII; Section 26 – Improved loadings/stability information for bulk carriers; Annex 17 – Draft MSC Resolution on performance standards for water level detectors on bulk carriers; Annex 19 – Draft MSC Circular on guidelines on early assessment of hull damage and possible need for abandonment of bulk carriers; Annex 20 – Draft MSC Resolution on application of IACS unified requirements S26, S27 and S31 to bulk carriers; Annex 22 – Draft MSC Circular on guidelines for bulk carrier hatch cover surveys and owner’s inspections and maintenance; Annex 23 – preliminary draft amendments to SOLAS Chapter XII)

#### **47<sup>th</sup> Session** (25 February – 5 March 2004)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=107&doc\\_id=3350](http://www.imo.org/Newsroom/mainframe.asp?topic_id=107&doc_id=3350)

DE 47/25 Report to the Maritime Safety Committee (Sections 14 – Alternate hold loading ban for bulk carriers; Section 15 – Double-side-skin construction of bulk carriers; Section 17 – Improved loading/stability information for bulk carriers, Annex 1 – Proposed amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744.(18), as amended), Annex 14 – Draft MSC Resolution on performance standards for water level detectors on bulk carriers and single hold cargo ships other than bulk carriers, Annex 18 – Draft MSC Resolution on standards and criteria for side structures of bulk carriers of single-side skin construction, Annex 19 – Draft MSC Resolution on standards for owners’ inspections and maintenance of bulk carrier hatch covers, Annex 20 – Draft MSC Circular on guidelines for assessing the longitudinal strength of bulk carriers during loading, unloading and ballast water exchange, Annex 23 – Draft amendments to Solas regulation II-1/3-6 on access to and within spaces in the cargo area of oil tankers and bulk carriers)

#### **48<sup>th</sup> Session** (21-25 February 2005)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=107&doc\\_id=3721](http://www.imo.org/Newsroom/mainframe.asp?topic_id=107&doc_id=3721)

DE 48/25 Report to the Maritime Safety Committee

#### **49<sup>th</sup> Session** (20 – 24 February 2006)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=107&doc\\_id=6173](http://www.imo.org/Newsroom/mainframe.asp?topic_id=107&doc_id=6173)

DE 49/20 Report to the Maritime Safety Committee. (Annex 15 – Draft MSC Resolution on performance

standard for protective coatings for dedicated seawater ballast tanks on all new ships and double-side skin spaces of bulk carriers; Annex 16 – Draft MSC Circular on application of SOLAS regulation XII/6.3 on corrosion prevention of double-side skin spaces and dedicated seawater ballast tanks of bulk carriers and application of the performance standard for protective coatings for dedicated seawater ballast tanks on all new ships and double-side skin spaces of bulk carriers)

**50<sup>th</sup> Session** (5 – 9 March 2007)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=107&doc\\_id=7524](http://www.imo.org/Newsroom/mainframe.asp?topic_id=107&doc_id=7524)

DE 50/27 Report to the Maritime Safety Committee. (Section 3 – Amendments to Resolution A.744(18); Annex 1 – Draft amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil pollution (Resolution A.744(18), as amended); Annex 3 – Draft MSC resolution on performance standard for protective coatings for void spaces on bulk carriers and oil tankers

## **Sub-Committee on Dangerous Goods, Solid Cargoes and Containers**

**8<sup>th</sup> Session** (22 – 26 September 2003)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=113&doc\\_id=2800](http://www.imo.org/Newsroom/mainframe.asp?topic_id=113&doc_id=2800)

DSC 8/15 Report to the Maritime Safety Committee (Section 10 – Ship/terminal interface improvement for bulk carriers; Section 11 – Alternative hold loading ban for bulk carriers; Annex 3 – Draft MSC Circular ship/terminal interface improvement for bulk carriers)

## **Maritime Safety Committee**

*Please note that listed below are sessions from the year 2000 onwards only.*

**72<sup>nd</sup> Session** (17 – 26 May 2000)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=349](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=349)

MSC 72/23 Report of the Maritime Safety Committee on its 72<sup>nd</sup> Session (Section 4 – Bulk carrier safety; Annex 21 – Draft amendments to Annex B to Resolution A.744(18) on guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers)

**73<sup>rd</sup> Session** (27 November – 6 December 2000)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=350](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=350)

MSC 73/31 Report of the Maritime Safety Committee on its 73<sup>rd</sup> Session. (Section 5 – Bulk carrier safety; Annex 13 – Resolution MSC.105(73) – Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18) as amended))

**74<sup>th</sup> Session** (30 May – 8 June 2001)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=1151](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=1151)

MSC 74/24 Report of the Maritime Safety Committee on its 74<sup>th</sup> session. (Section 5 – Bulk carrier safety; Annex 17 – Draft amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18)))

### **75<sup>th</sup> Session** (15 – 24 May 2002)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=2161](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=2161)

MSC 75/24 Report of the Maritime Safety Committee on its 75<sup>th</sup> Session (Section 5 – Bulk carrier safety; Annex 4 – Resolution MSC.125(75) – Adoption of amendments to the Guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18) as amended))

### **76<sup>th</sup> Session** (2 – 13 December 2003)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=2325](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=2325)

MSC 76/23 Report to the Maritime Safety Committee on its 76<sup>th</sup> Session (Section 5 - Bulk carrier safety, Annex 7 – Draft MSC Resolution – Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended))

### **77<sup>th</sup> Session** (28 May – 6 June 2003)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=2795](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=2795)

MSC 77/26 Report of the Maritime Safety Committee on its 77<sup>th</sup> Session. (Section 5 – Bulk carrier safety; Annex 4 – Resolution MSC.144(77) – Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended); Annex 5 – Resolution MSC.145(77) – Performance standards for water level detectors on bulk carriers; Annex 6 – Resolution MSC.146(77) – Application of IACS Unified Requirements S26, S27, S30 and S31 to bulk carriers)

### **78<sup>th</sup> Session** (12 – 21 May 2004)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=3097](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=3097)

MSC 78/26 Report of the Maritime Safety Committee on its 78<sup>th</sup> Session (Section 5 – Bulk carrier safety; Annex 11 – Draft MSC Resolution on standards and criteria for side structures of bulk carriers of single-side skin construction; Annex 12 – Draft MSC Resolution on standards for owners’ inspection and maintenance of bulk carrier hatch covers; Annex 15 – Draft amendments to the International Code for the Construction and equipment of ships carrying liquefied gases in bulk (IGC Code); Annex 16 – Draft amendments to the International Code for the Construction and equipment of ships carrying dangerous chemicals in bulk (IBC Code))

### **79<sup>th</sup> Session** (1 – 10 December 2004)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=3665](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=3665)

MSC 79/23 Report of the Maritime Safety Committee on its 79<sup>th</sup> Session (Annex 1 – Resolution MSC.168(79) – Standards and criteria for side structures of bulk carriers of single-side skin construction; Annex 2 - Resolution MSC 169(79) – Standards for owners’ inspection and maintenance of bulk carrier hatch covers; Annex 22 – Draft amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18) as amended; Annex 26 – Performance standards for water level detectors on bulk carriers and single hold cargo ships other than bulk carriers)

**80<sup>th</sup> Session** (11 – 20 May 2005)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=4834](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=4834)

MSC 80/24 Report of the Maritime Safety Committee on its 80<sup>th</sup> Session. (Annex 4 – Resolution MSC.197(80) – Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended)

**81<sup>st</sup> Session** (10 – 19 May 2006)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=6208](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=6208)

MSC 81/25 Report of the Maritime Safety Committee on its 81<sup>st</sup> Session (Annex 21 : Draft MSC Resolution on performance standard for protective coatings on dedicated seawater ballast tanks in all new ships and double-side skin spaces of bulk carriers)

**82<sup>nd</sup> Session** (29 November 8 December 2006)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=6677](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=6677)

MSC 82/24 Report of the Maritime Safety Committee on its 82<sup>nd</sup> Session (Annex 1 – Resolution MSC.215(82) – Performance standard for protective coatings for dedicated seawater ballast tanks in all types of ships and double-side skin spaces of bulk carriers)

**83<sup>rd</sup> Session** (3 – 12 October 2007)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=7542](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=7542)

MSC 83/28 Report of the Maritime Safety Committee on its 83<sup>rd</sup> Session

**84<sup>th</sup> Session** (7 – 16 May 2008)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=8872](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=8872)

MSC 84/24 Report of the Maritime Safety Committee on its 84<sup>th</sup> Session (Annex 7 – resolution MSC.261(84) – Adoption of amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18), as amended); Annex 12 – Draft MSC Resolution on adoption of the International Maritime Solid Bulk Cargoes (IMSBC) Code

**85<sup>th</sup> Session** (26 November – 5 December 2008)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=10351](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=10351)

MSC 85/26 Report of the Maritime Safety Committee on its 85<sup>th</sup> Session (Annex 4 – Draft MSC Resolution on adoption of the International goal-based ship construction standards for bulk carriers and oil tankers; Annex 5 – Draft MSC Resolution on adoption of the guidelines for verification of conformity with goal-based ship construction standards for bulk carriers and oil tankers)

**86<sup>th</sup> Session** (27 May – 5 June 2009)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=110&doc\\_id=10620](http://www.imo.org/Newsroom/mainframe.asp?topic_id=110&doc_id=10620)

MSC 86/26 Report of the Maritime Safety Committee on its 86<sup>th</sup> Session (Annex 4 – Draft MSC Resolution on adoption of the International goal-based ship construction standards for bulk carriers and oil tankers; Annex 5 – Draft MSC Resolution on adoption of the guidelines for verification of conformity with goal-based ship construction of conformity with goal-based ship construction standards for bulk carriers and oil tankers)

### **Sub-Committee on Safety of Navigation**

**49<sup>th</sup> Session** (30 June – 4 July 2003)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=112&doc\\_id=2797](http://www.imo.org/Newsroom/mainframe.asp?topic_id=112&doc_id=2797)

NAV 49/19 Report to the Maritime Safety Committee. (Section 15 – Guidance on early abandonment for bulk carriers)

### **Sub-Committee on Stability and Load Lines and on Fishing Vessels Safety**

**45<sup>th</sup> Session** (22 – 26 July 2002)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=246&doc\\_id=1759](http://www.imo.org/Newsroom/mainframe.asp?topic_id=246&doc_id=1759)

SLF 45/14 Report to the Maritime Safety Committee (Section 9 – Matters related to bulk carrier safety)

**46<sup>th</sup> Session** (8 – 12 December 2003)

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SLF 46/16 Report to the Maritime Safety Committee. (Section 12 – Improved loadings/stability information for bulk carriers)

**47<sup>th</sup> Session** (13-17 September 2004)

Summary Reports: [http://www.imo.org/Newsroom/mainframe.asp?topic\\_id=246&doc\\_id=3356](http://www.imo.org/Newsroom/mainframe.asp?topic_id=246&doc_id=3356)

SLF 47/17 Report to the Maritime Safety Committee. (Section 12 – Improved loading/stability information for bulk carriers; Annex 10 – Draft MSC Circular on guidelines on the provisions of stability-related information for bulk carries)

### **SOLAS Conferences**

**SOLAS/CONF.4 (24 – 28 November 1997)**

SOLAS/CONF.4/3 Consideration and adoption of amendments to the International Convention for the Safety of Life at sea. Draft text of amendments.

SOLAS/CONF.4/4 Consideration and adoption of amendments to Resolution A.744(18) – Guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers. Draft text of amendments.

SOLAS/CONF.4/5	Consideration and adoption of resolutions and recommendations and related matters
SOLAS/CONF.4/8 & SOLAS/CONF.4.8/Corr.1	Consideration and adoption of amendments to the International Convention for the Safety of Life at sea, 1974. Proposed amendments to the draft text of amendments. Submitted by Baltic and International Maritime Council (BIMCO)
SOLAS/CONF.4/9	Idem. Draft text of new chapter XII. Submitted by Japan.
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SOLAS/CONF.4/14	Idem. Proposed amendments to the Convention. Submitted by Australia
SOLAS/CONF.4/17	Idem. Submitted by Cyprus
SOLAS/CONF.4/18	Idem. Note by Cyprus
SOLAS/CONF.4/19	Idem. Submitted by Cyprus
SOLAS/CONF.4/20	Consideration and adoption of amendments to Resolution A.744(18) – Guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers. Note by Cyprus
SOLAS/CONF.4/21	Consideration and adoption of resolutions and recommendations and related matters. Proposed draft Conference resolution on the interpretation of the definition of bulk carrier. Submitted by the Netherlands and Norway
SOLAS/CONF.4/22	Consideration and adoption of amendments to the International Convention for the Safety of Life at sea, 1974. The lower size limit for application of the new chapter XII of SOLAS 1974. Submitted by Norway
SOLAS/CONF.4/23	Consideration and adoption of resolutions and recommendations and related matters. Submitted by Cyprus
SOLAS/CONF.4/24	Adoption of the Final Act of the Conference. Final Act of the Conference on Contracting Government to the International Convention for the Safety of Life at Sea, 1974. Text adopted by the Conference
SOLAS/CONF.4/25	Conference resolution 1 and related amendments to SOLAS; Conference resolution 2 and related amendments to resolution A.744(18); and Conference resolution 3 to 9 as adopted by the Conference.
SOLAS/CONF.4/25	Conference Resolution 2 and related amendments to Resolution A.744(18) - Amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers.
SOLAS/CONF.4/INF.3	Consideration and adoption of amendments to the International Convention for the Safety of Life at sea, 1974. Note by Cyprus. This document advises the Conference on the investigation into the loss of the single skin bulk carrier “ <i>Albion Two</i> ”

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## IMO PUBLICATIONS

### SOLAS

**- SOLAS. Consolidated edition 2004.** (IMO-ID110E). Language(s): E, F, S

Consolidated text of the Convention and its 1988 Protocol, incorporating all amendments in effect on 1 July 2004.

Articles of SOLAS 1974

Articles of the 1988 SOLAS Protocol

Chapter I (General provisions)

Chapter II-1 (Construction: Subdivision and stability, machinery and electrical installations)

Chapter II-2 (Construction: Fire protection, fire detection and fire extinction)

Chapter III (Life-saving appliances and arrangements)

Chapter IV (Radiocommunications)

Chapter V (Safety of navigation)

Chapter VI (Carriage of grain)

Chapter VII (Carriage of dangerous goods)

Chapter VIII (Nuclear ships)

Chapter IX (Management for the safe operation of ships)

Chapter X (Safety measures for high-speed craft)

Chapter XI- 1 (Special measures to enhance maritime safety)

Chapter XI-2 (Special measures to enhance maritime safety)

**Chapter XII (Additional safety measures for bulk carriers)**

**1997/1998 Amendments to the International Convention for the Safety of Life at Sea, 1974..** 1999 Edition. (IMO-158E). (New Chapter XII Additional safety measure for bulk carriers)

**Resolutions of the 1997 SOLAS Conference relating to bulk carrier safety** - Solas – International Convention for the Safety of Life at Sea, 1974 :. 1999 Edition. (IMO-I160E)

This publication contains the remaining resolutions of the 1997 SOLAS Conference, i.e. resolutions 2 to 9. They include amendments to the Guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (resolution A.744(18), as previously amended by resolution MSC.49(66)), which are mandatory under regulation XI/2 of the Convention.

**2001 and 2002 Amendments to Solas.** 2003 Edition (IMO-I117E)

Chapter XII - Additional safety measures for bulk carriers

## **IMO CODES/MANUALS**

**BC CODE** - Code of safe practice for solid bulk cargoes. 2004 Edition (IMO-ID260E)

**BLU CODE** - Code of practice for the safe loading and unloading of bulk carriers. 1998 Edition. (IMO-I266E). Language(s): E,S

The BLU was approved by the MSC at its 68th session (June 1997) and adopted by the Assembly at its 20th session (November 1997) by resolution A.862(20). The Code, which provides guidance to masters of bulk carriers, terminal operators and other parties concerned with the safe handling, loading and unloading of solid bulk cargoes, is also linked to regulation VI/7 of the 1974 SOLAS Convention, as amended by resolution MSC.47(66).

**BLU MANUAL** – Manual on loading and unloading of solid bulk cargoes for terminal representatives, 2008 edition. (IMO-I267E).

In response to the continuing loss of ships carrying solid bulk cargoes sometimes without trace and with heavy loss of life – the Code of Safe Practice for the Safe Loading and Unloading of Bulk Carriers (BLU Code) was developed by IMO as one of a number of measures to enhance the operational and structural safety of bulk carriers. It was adopted as a recommendatory instrument by the International Maritime Organization's Assembly at its twentieth session in November 1997

**IBC CODE** : International Code for the construction and equipment of ships carrying dangerous chemicals in bulk 2007 edition. Language(s): E (IMO-IC100E)

**IGC CODE** - International Code for the construction and equipment of ships carrying liquefied gases in bulk : IGC Code. 2nd. Ed.. 1993 Edition. (IMO-I104). Language(s): E, F, S, A.

**IGC CODE : Gas carrier code : 1994 and 1996 amendments.** 1998 Edition (IMO-I165)

- **1994 amendments** to the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IGC Code) : Adopted in accordance with Article VIII of the International Convention for the Safety of Life at Sea, 1974 : Resolution MSC.32(63) adopted on 23 May 1994 : *Certified true copy*\*\* signed on October 5th, 1994. Language(s): E/S/F/C/R/A.

- **1996 amendments** to the International Code for the Construction and Equipment of Ships carrying liquefied gases in bulk (IGC Code) : Adopted in accordance with article VIII of the International Convention for the Safety of Life at Sea, 1974 : *Certified true copy*\*\* signed on 20 January 1998. Language(s): E/ F/S/ A/C.

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**International Grain Code** - International code for the safe carriage of grain in bulk. 1991 Edition. Language(s): E, F, S, R, A, C. (IMO-I240).

**IMSBC Code : International Maritime Solid Bulk cargoes Code and Supplement.** 2009 edition. Language(s): E (IMO-IE260E)

## **IMO GUIDELINES**

**Guidelines on surveys required by the 1978 SOLAS Protocol, the IBC Code and the IGC Code.** 1987 Edition. (IMO-I858)

**\*\* *Certified true copy is not a sales item***

**Guidelines on the enhanced programme of inspections during surveys on bulk carriers and oil tankers. 2008 Edition (IMO-IA265E)**

The Guidelines became mandatory in 1996, under SOLAS regulation XI/2, which requires that bulk carriers and oil tankers be subject to an enhanced programme of inspections in accordance with the Guidelines. Since their adoption, the Guidelines have been frequently updated and brought in line with regulatory and technological developments as well as with current practice, in particular with the relevant IACS Unified Requirements.

- **1996 amendments to the guidelines on the enhanced programme of inspections during surveys of bulk carriers and oil tankers (Resolution A.744(18))** (Adopted in accordance with article VII of the International Convention for the Safety of Life at Sea, 1974) : *Certified true copy*\*\* signed on March 18th, 1997. Language(s): E/F/S

- **2000 Amendments to the guidelines on the enhanced programme of inspections during survey of bulk carriers and oil tankers. (Resolution A.744(18))**, adopted in accordance with article VIII of the International Convention for the Safety of Life at Sea, 1974). *Certified true copy* \*\* signed on 27 March 2002. Language(s): E/F/S/A/C/R

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2. The IRDs changed the contents in 2008 therefore if you wish to receive an archive copy where you can find a full list of articles (Technical and Legal) on the subject, please contact [maritimeknowledgecentre@imo.org](mailto:maritimeknowledgecentre@imo.org) (Please note that the IRDs were last updated in November/December 2007)