

| | | | | |
|---|---|---------|------------|---|
|  QUALITY MATTERS | <p align="center">SHIPS CLASSIFICATION MALAYSIA</p> <p align="center">SCM CIRCULAR</p> <p align="center">TO SHIPOWNERS, SHIPYARDS, MASTERS, AGENTS AND RELEVANT INTEREST PARTIES</p> | | |  <small>MS ISO 9001 REG. NO. AR2998</small> |
| | Issue No | 04/2014 | Issue Date | 08 APRIL 2014 |
| TITLE | <p align="center">LIST OF NEW IMO OBLIGATORY REQUIREMENTS ENTERING INTO FORCE IN 2014</p> | | | |

To All Owners and Managers of Malaysian Vessels,

This circular provides latest IMO obligatory requirements entering into force in 2014.

| # | Convention/ Resolutions. | Chapter/ Regulation | Date of force | Ship type / Size/ Application/ | Subject/ Items Required | Key Words |
|------|-------------------------------------|--|--|---|--|--|
| 1-1 | SOLAS MSC.325(90) | II-1/8-1 (new sub-para. .3) | 2014-01-01 | Passenger • Keel-laid (KL) ≥ 2014-01-01 • Length, L ≥ 120m | Onboard stability computer or shore based support to provide stability calculation for safe return to port after flooding casualty. | stability computer , shore based support |
| 1-2 | SOLAS MSC.325(90) | III/20.11.2.4 (new sub-para. .4) | 2014-01-01 | All vessels with Free-fall Lifeboat. | The 5-yearly overboard test of free-fall release system can be done with only operating crew on board, or by a simulated launching in accordance MSC.1/Circ.1206/Rev.1. | Free-fall release, Lifeboat |
| 1-3 | SOLAS MSC.317(89) | III/1 (new para. 5) | 2013-01-01 Next dry-dock: 2014-07-01. Not later than: 2019-07-01 | All ships with Lifeboat. | On-load release mechanisms not complying with LSA Code para 4.4.7.6.4 to 4.4.7.6.6, shall be replaced with equipment that complies with the Code. | On-load release mechanisms, Lifeboat |
| 1-4 | SOLAS MSC.325(90) | V/14.2(new para) | 2014-01-01 | Cargo, Passenger, HSC/ DSC | The Administration to establish appropriate minimum safe manning document (or equivalent) following a transparent procedure. | Safe manning document |
| 1-5 | SOLAS MSC.325(90) | VI/5-2 (new reg.) | 2014-01-01 | All Cargo, Bulk liquid cargoes carrier. | New regulation 5-2 prohibiting blending of bulk liquid cargoes and production process during sea voyages. | No blending on voyages |
| 1-6 | SOLAS MSC.325(90) | VII/4 (new updated texts) | 2014-01-01 | Cargo, HSC/DSC, Passenger, (Carrying dangerous goods). | Transport documentation shall be in accordance with the IMDG Code and shall be made available to the person or organization designated by the port State authority. | Dangerous goods; • transport , • documentation |
| 1-7 | SOLAS MSC.325(90) | XI-1/2 (new updated texts) | 2014-01-01 | Bulk carriers, Oil tankers | Guidelines for enhanced survey has been replaced by the 2011 ESP Code (Res. A.1049(27)). | 2011 ESP Code |
| 1-8 | SOLAS MSC.282(86) | V/19.2.2.3.5 (new sub-para.3.5) | 2014-07-01 First survey safety equip. | Cargo, KL ≤ 2011-06-30, 150 ≤ GT ≤ 499. | Bridge navigational watch alarm system (BNWAS) required and shall be in operation whenever the ship is underway at sea. | BNWAS |
| 1-9 | SOLAS MSC.282(86) | V/19.2.10.4 (new sub- para.10.4 | 2014-07-01 | Bulk , non-tankers -bulk cargo • KL ≥ 2014-07-01 • 3000 ≤ GT < 10000 | Electronic Chart Display and Information System (ECDIS) to be fitted (mandatory). | ECDIS |
| 1-10 | SOLAS MSC.282(86) | V/19.2.10.5 (New sub-para. 10.5) | 2014-07-01 | Passenger: • KL < 2012-07-01, • GT ≥ 500. | Electronic Chart Display and Information System (ECDIS) to be fitted (mandatory). | ECDIS |
| 1-11 | SOLAS MSC.338(91) MSC.337(91) | II-1/3-12 (New reg.) | 2014-07-01 | New Cargo, Passenger • GT ≥ 1600, • Contract ≥ 2014-07-01 or • KL ≥ 2015-01-01, or • Delivery ≥ 2018-07-01. | Provisions for reduction of noise mandatory, and not only recommendatory. Solas II-1 Reg.36, now deleted. The Code on Noise levels on board ships (Res. A.468(XII)) has also been adopted through MSC.337(91). Some recommendatory parts of chapter I of the Noise Code are still to be treated as non-mandatory. <u>Not applicable to ship as listed in para. 1.3.4 of the Code.</u> | Noise Code Noise reduction |

| | | | | | | |
|--------|-------------------------------------|---|--|--|--|---|
| 1-11-1 | SOLAS MSC.338(91) | II-1/3-12.2 (New reg.) II-1/36 (Reg. now deleted) | 2014-07-01 | New Cargo, Passenger: <ul style="list-style-type: none"> • 2009-01-01 ≤ KL < 2015-01-01 • Delivery < 2018-07-01 • contract < 2014-07-01 | Solas II-1 Reg. 3-12.2 on <u>noise levels in machinery spaces</u> replaces Reg. 36 and is applicable to vessels recently constructed or being under construction, and which are not required to comply with the Code on noise levels on board ships, as required by reg. II-1/3-12.1. <i>Not applicable to ship as listed in para. 1.3.4 of the (Noise) Code</i> | Noise reduction, Noise Code. |
| 1-12 | SOLAS MSC.338(91) | II-2/1.2.4.7 (New sub-para.) | 2014-07-01 | Cargo : <ul style="list-style-type: none"> • GT≥500, Passenger : <ul style="list-style-type: none"> • 1992-02-01 ≤ built < 2002-07-01 (Carry dangerous goods). | SOLAS Reg.II-2/1.2.4 sub-para .7 is added to clarify that fire detection system covering Ro-Ro or cargo spaces on vessels built in this period do not need to comply with new SOLAS Reg. II-2/19.3.3 <u>provided they comply with Reg. II-2/ 54.2.3 in Solas 1997 ed.</u> (as adopted by MSC.13(57)). | Dangerous goods |
| 1-12-1 | SOLAS MSC.338(91) | II-2/1.2.4.8 (New sub-para.) | 2014-07-01 | Cargo : <ul style="list-style-type: none"> • GT≥500, Passenger: <ul style="list-style-type: none"> • 1984-09-01 ≤ KL < 2002-07-01, Carriage of dangerous goods) | SOLAS Reg.II-2/1.2.4 sub-para .8 is added to clarify that that fire main(water supplies), bilge pumping , personnel protection and water spray system for Ro-Ro or cargo spaces on vessels built in this period do not need to comply with new SOLAS/ II-2/19.3.1, 19.3.5, 19.3.6 and 19.3.9, <u>provided they comply with Reg. II-2/ 54.2.1, 54.2.5, 54.2.6 and 54.2.9 in SOLAS 1997 ed.</u> (as adopted by res. MSC.1(XLV)). | Fire Protection |
| 1-12-2 | SOLAS MSC.338(91) | II-2/1.2.5 (New para.) | 2014-07-01 Deadline: 2019-07-01. | Cargo, Passenger: KL < 2012-07-01. | SOLAS Reg.II-2/1 para .2.4 is added which requires Low volume alarm on self-contained compressed air breathing apparatus(SCABA) for fire-fighter's outfit fitted. | SCABA, Low volume alarm |
| 1-13 | SOLAS MSC.338(91) | II-2/9 | 2014-07-01 | Cargo, GT ≥ 500, Ro-Ro, Passenger: <ul style="list-style-type: none"> • pax ≤ 36 | SOLAS Reg.II-2, Tables 9.3, 9.4, 9.5 and 9.6 in the Regulation are amended giving stricter requirements to containment of fire within Ro-Ro and special category spaces. A new note "g" and "j" is added to table 9.4 and 9.6 respectively, clarifying that vessels constructed before 2014-07-01 should comply with the previous requirements applicable at time of construction. | Deck & Bulkhead Insulation |
| 1-14 | SOLAS MSC.338(91) | II-2/9.6.2 & II-2/9.6.3 (Deleted & renumbered para(s)) | 2014-07-01 | Cargo , Passenger : KL ≥ 2014-07-01. | The paragraphs are deleted (requirement covered by revised table 9.3 and 9.4) and subsequent para(s) 6.2 and 6.3 are renumbered (from 6.4 and 6.5). | Deck & Bulkhead Insulation |
| 1-15 | SOLAS MSC.338(91) | II-2/10.5.6.3.1 | 2014-07-01 | Cargo , Passenger : KL ≥ 2014-07-01. | Sub-para .1 is clarified so that all this paragraph is applicable for any combustion machinery, regardless of service it supplies power to. | Fire Protection |
| 1-16 | SOLAS MSC.338(91) | II-2/10.10.1 | 2014-07-01 Deadline: 2019-07-01. | Cargo, Passenger: KL < 2012-07-01. | Para 10.1 is replaced with an added reference to the revised FSS Code (Ch.3/2.1.2.2) at sub para .1 and .2, on requirement for low volume alarm on the self-contained compressed air breathing apparatus. | SCABA, Low volume alarm |
| 1-17 | SOLAS MSC.338(91) | II-2/10.10.4 (New para.) | 2014-07-01 | Cargo , Passenger : KL ≥ 2014-07-01. | New requirement for carriage of two-way portable radiotelephone apparatus of explosion proof or intrinsically safe type for firefighter's communication. | 2-way portable radio, Explosion proof , Firefighter's comm. |
| 1-17-1 | SOLAS MSC.338(91) | II-2/10.10.4 (New para.) | 2014-07-01 1st safety equipment Deadline: 2018-07-01 | Cargo , Passenger : KL < 2014-07-01. | New requirement for carriage of two-way portable radiotelephone apparatus of explosion proof or intrinsically safe type for firefighter's communication. | 2-way portable radio, Explosion proof , Firefighter's comm. |
| 1-17-2 | SOLAS MSC.338(91) | II-2/15.2.2.6 (New para.) | 2014-07-01 | Cargo , Passenger : KL ≥ 2012-07-01. | New para reg.15.2.2.6 added for the requirements of means of recharging breathing apparatus (BA) cylinders used during drills, or replacement of suitable number of spare cylinders. | BA Sets, Recharge, Spare Cylinders |
| 1-18 | SOLAS MSC.338(91) | II-2/20.6.1 (Amended para(s) 6.1.1 & 6.1.2 and respective sub para.). | 2014-07-01 | Cargo , Passenger : KL ≥ 2014-07-01. | In para 6.1.1, water spray systems and foam systems complying with the FSS Code are included as alternatives to fixed gas fire-extinguishing system for vehicle spaces and Ro-Ro spaces which are not special category spaces. The reference to fixed water based fire-fighting system in para. 6.1.2 is also revised to refer to the revised FSS Code. | Fixed gas fire-ext.sys, Water spray systems, Foam systems, FSS Code. |
| 1-19 | SOLAS MSC.338(91) MSC.346(91) | III/17-1 (New reg.) | 2014-07-01 | ALL KL ≥ 2014-07-01. | Ships to have ship-specific plans and procedures for recovery of persons/ Man-Over Board (MOB) from the water. Res. MSC.346(91) invites contracting governments to determine to what extent the reg. should apply to other categories of ships as listed. | Procedures of Recovery MOB. |

| | | | | | | |
|--------|---------------------------------|---|--|--|--|---|
| 1-19-1 | SOLAS MSC.338(91) | III/17-1.1 (New reg.) | 1st periodical or renewal survey : 2014-07-01 | ALL KL < 2014-07-01. | Ships to have ship-specific plans and procedures for recovery of persons from the water. Res. MSC.346(91) invites contracting governments to determine to what extent the reg. should apply to other categories of ships as listed. (See also 1-19) | Procedures of Recovery MOB. |
| 1-19-2 | SOLAS MSC.338(91) | III/17-1.2 (New reg.) | 2014-07-01 | Ro-Ro Passenger | Defines that new reg. III/17-1.1 applies to all Ro-Ro Passenger vessels complying with reg. III/26.4. | Procedures of Recovery MOB. |
| 1-20 | SOLAS MSC.325(90) | XI-1/2 | 2014-07-01 | Bulk carriers, Oil tankers: GT≥500 | Reg. XI-1/2 refers to the new 2011 ESP Code, by Assembly resolution A.1049(27)". | 2011 ESP Code. |
| 1-21 | SOLAS MSC.338(91) | Appendix | 2014-07-01 | Passenger, Cargo, Nuclear ships. | The forms of certificates and records of equipment are replaced. Editorial and additional changes: <ul style="list-style-type: none"> • Nuclear Passenger Ship Safety Certificate, • Nuclear Cargo Ship Safety Certificate, | New Certificate |
| 1-22 | SOLAS MSC.344(91) | Appendix | 2014-07-01 | Cargo, Passenger. | The forms of certificates replaced. Editorial changes. <ul style="list-style-type: none"> • Passenger Ship Safety Certificate, • Cargo Ship Safety Construction Certificate, • Cargo Ship Safety Equipment Certificate, • Cargo Ship Safety Radio Certificate, • Cargo Ship Safety Certificate • Exemption Certificate | New Certificate |
| 2-1 | MARPOL MEPC.235(65) | Annex I | 2014-10-01 | All Ships (Carry IOPP Cert.) | Amendment to Form A and Form B of Supplements to the IOPP Certificate | IOPP Cert. |
| 2-2 | MARPOL MEPC193(61) | Annex III | 2014-01-01 | All Ships (Carry harmful substances in package form) | Requirement for marking, labeling and documentation have been simplified, to refer to the IMDG Code requirements. The appendix has also been updated. | Labeling, IMDG Code. |
| 2-3 | MARPOL MEPC.202(62) | Annex VI | 2014/01/01 | All Ships | New Emission Control Area in the United States Caribbean Sea Area | ECA, USA |
| 2-4 | MARPOL MEPC.236(65) | Additional information | 2014/10/01 | All Existing Oil Tanker | Amendments to the Condition Assessment Scheme (Resolution MEPC.94(46), as amended) | CAS |
| 3-1 | Load Line MSC. 329(90) | Annex II/ Reg. 47 (New text) | 2014-01-01 | ALL L ≥ 24 meter | New definition of the northern boundary of the Southern Winter Seasonal Zone. Summer zones is enlarge at the South end of South Africa waters | ILLC Winter Seasonal Zone |
| 3-2 | Load Line MSC.345(91) | Annex I/ Chapter III/ Reg. 27(11) (Additional text and re-arrangement of para numbers) | 2014-07-01 | ALL L ≥ 24 meter | Update of text providing clarification on how to define initial condition of loading for which to check damage stability compliance. Changes are: <ul style="list-style-type: none"> • The first sentence of paragraph (b)(iv) is replaced. • After the existing paragraph (b)(iv), a new paragraph (b)(v) is inserted. • Paragraphs (b)(v) and (b)(vi) are renumbered as (b)(vi) and (b)(vii). • Paragraph (b)(vi) is replaced. | ILLC |
| 3-3 | Load Line MSC.345(91) | Annex I/ Chapter III/ Reg. 27(13) (Additional text) | 2014-07-01 | ALL L ≥ 24 meter | Additional text specifically stating that compliance with the damage stability criteria is not required to be demonstrated for service conditions. The change is: <ul style="list-style-type: none"> • A new paragraph (g) is added after the existing paragraph (f). | ILLC |
| 4-1 | HSC Code 2000 MSC.326(90) | Ch. 14.15.10.1 | 2014-01-01 | HSC | Sub-para. .1 replaced with new text clarifying that annual test of EPIRB both for passenger craft and cargo craft shall be carried out at intervals within 3 months before the expiry date, or 3 months before or after the anniversary date, of the HSC Safety Cert. | EPIRB |
| 5-1 | FSS Code MSC.327(90) | Ch. 6 and 8 | 2014-01-01 | KL≥ 2014-07-01: <ul style="list-style-type: none"> • Passenger , • Cargo ≥ 500 GT | The existing text of Ch. 6 is modified. The new Ch.6 defines more in detail the requirements for foam systems. Fire and component testing are now required for both inside air foam systems and conventional high expansion foam system, hence type approval certificate according to IMO MSC.1/ Circ. 1384 is required for such systems when the FSS Code is in force. Ch. 8, para 2.1.1 is amended, giving alternative solution for "Control stations", where water may cause damage to essential equipment, may be fitted with a dry pipe system or a pre-action system as permitted by (SOLAS) regulation II-2/10.6.1.1 . | Foam systems, Dry pipe system, Pre-action system. |

| | | | | | | |
|-------|-----------------------------------|---------------------------------------|------------|---|---|---|
| 5-2-1 | FSS Code MSC.339(91) | Ch. 3 (Amendments to existing texts) | 2014-07-01 | KL ≥ 2014-07-01: • Passenger , • Cargo ≥ 500 GT | Chapter 3: Adding an audible alarm and a visual or other device which will alert the user before the volume of the air in the cylinder has been reduced to fire-fighter's outfits. | Fire Protection Fire-fighter's outfits, Audible alarm, Visual alarm. |
| 5-2-2 | FSS Code MSC.339(91) | Ch. 5 (Amendments to existing texts) | 2014-07-01 | KL ≥ 2014-07-01: • Passenger , • Cargo ≥ 500 GT | Chapter 5: As spaces to be equipped with visual and audible warning of the release of fire-extinguishing medium, container holds equipped with integral reefer containers and spaces accessible by doors or hatches are designated. The minimum time of gas discharge into container cargo spaces and general cargo spaces is stipulated. | Fire Protection, Fixed Gas fire-ext. sys |
| 5-2-3 | FSS Code MSC.339(91) | Ch. 7 (Amendments to existing texts) | 2014-07-01 | KL ≥ 2014-07-01: • Passenger , • Cargo ≥ 500 GT | Chapter 7: Newly develop requirements for a fixed pressure water-spraying fire-extinguishing system to be installed in ro-ro spaces. | Fixed pressure water-spraying & water-mist f/ext. sys. |
| 5-2-4 | FSS Code MSC.339(91) | Ch. 8 (Amendments to existing texts) | 2014-07-01 | KL ≥ 2014-07-01: • Passenger , • Cargo ≥ 500 GT | Chapter 8 : Clarifying that an average application rate of automatic sprinklers is to be calculated based on the gross horizontal projection of the area to be covered. | Fire Protection Automatic Sprinkler |
| 5-2-5 | FSS Code MSC.339(91) | Ch. 9 (Amendments to existing texts) | 2014-07-01 | KL ≥ 2014-07-01: • Passenger , • Cargo ≥ 500 GT | Chapter 9 : New sentences and paragraphs added to clarify requirements for detection and alarm systems. Additionally designating a cargo control room as a place to be equipped with an indicating unit of the fixed fire detection system. | Fire Protection, Fixed Fire Detection and Fire Alarm Systems |
| 5-2-6 | FSS Code MSC.339(91) | Ch. 12 (Amendments to existing texts) | 2014-07-01 | KL ≥ 2014-07-01: • Passenger , • Cargo ≥ 500 GT | Chapter 12 : Requiring a diesel-driven power source for the fixed emergency fire pump shall be fitted with an electric heating, for such pump will not be started promptly in cold condition. | Fixed Emergency Fire Pumps |
| 5-2-7 | FSS Code MSC.339(91) | Ch. 13 (Amendments to existing texts) | 2014-07-01 | KL ≥ 2014-07-01: • Passenger , • Cargo ≥ 500 GT | Chapter 13 : Regarding the means of escape of passenger ships, clarifying that intermediate landings are not taken as landings. | Arrangement of Means of Escape. |
| 5-2-8 | FSS Code MSC.339(91) | Ch. 14 (Amendments to existing texts) | 2014-07-01 | KL ≥ 2014-07-01: • Passenger , • Cargo ≥ 500 GT | Chapter 14 : Revising the requirements for a fixed deck foam system installed on vessels carrying the liquid substances listed in the IBC Code. | Fixed Deck Foam Sys. |
| 6-1 | IBC Code MSC.340(91) MEPC.225(64) | Ch. 17, 18 and 19 | 2014-06-01 | ALL (Holding NLS Cert / Int. Certificate of Fitness) | Existing text replaced. Updated with new products and revised carriage requirements. | NLS IBC Code |
| 7-1 | IMDG Code MSC.328(90) | | 2014-01-01 | Ships carrying dangerous goods. | Minor changes throughout the Code. | IMDG |
| 8-1 | Noise Code MSC.337(91) | | 2014-07-01 | Cargo, Passenger KL ≥ 2014-07-01. | The Code on noise levels on Board Ships has been revised and is made mandatory. (See also #1-11) | Noise |