

 QUALITY MATTERS	SHIPS CLASSIFICATION MALAYSIA SCM CIRCULAR TO SHIPOWNERS, SHIPYARDS, MASTERS, AGENTS AND RELEVANT INTEREST PARTIES			 MS ISO 9001 REG. NO. AR2998
TITLE	LIST OF NEW IMO OBLIGATORY REQUIREMENTS ENTERING INTO FORCE IN 2017			
	Issue No	11/2016	Issue Date	30 - December- 2016

To All Owners and Managers of Malaysian Vessels,

This circular provides latest IMO obligatory requirements entering into force in 2017.

#	Convention/ Resolutions.	Chapter/ Regulation	Application/ Date of force	Ship type / Size	Subject/ Items Required	Key Words
1-1	SOLAS / MSC.386(94) MSC.385(94) MARPOL / MEPC.264(68) MEPC.265(68)	XIV (Polar Code) New chapters in : Annex I, Annex II, Annex IV and Annex V	01-Jan- 2017	All (All type of ships)	New SOLAS chapter XIV which requires all ships operating in Polar region to comply with the safety-related provision of the Polar Code (set forth in Resolution MSC.385(94)) New chapter 11 of Annex I, New chapter 10 of Annex II, New chapter 7 of Annex IV and New chapter 3 of Annex V	Polar Code
1-2	SOLAS / MSC.401(95)	V/19	31-Dec- 2017	All Ships / 500GT (All Ships = Self-propelled ships)	Multi-system shipborne radionavigation receivers installed, conform to performance standards specified in the annex to the resolution.	Radionavigation Receivers
1-3	SOLAS / MSC.350(92)	V/19.2	First Survey/ 01-July- 2017	Cargo / 500≥GT<3000 (Cargo = excluded tankers, Passenger).	Turn for Bridge Navigational Watch Alarm System complying with the standards contained in MSC.128(75) is required to be installed onboard for these size of vessel. BNWAS installed prior to 1 July 2011 , may be exempted from full compliance with the standards MSC.128(75).	BNWAS
1-4	SOLAS / MSC.282(86)	V/19.2.10.8	First Survey/ 01-July- 2017 Keel Laying < 01-July- 2013	Cargo / 20000≥ GT <50000	Turn for Electronic Chart Display and Information System (ECDIS) is to be fitted onboard these type of vessel, unless the ship is to be decommissioned within two years of the compliance date.	ECDIS
1-5	SOLAS / MSC.392(95)	II-2/20	Keel Laying ≥ 01-Jan- 2017	All Ships / 500GT	Reduction of air changes is allowed for ventilation systems serving vehicle, special category and ro-ro spaces (6 or 10 air changes per hour depending on ship type and space served as specified in SOLAS), if an air quality control system complying with MSC.1/Circ.1515 is fitted. Such ventilation systems, when fitted onboard passenger ships, are to be separate from other ventilation systems.	Ventilation systems, Air Quality control systems.
1-6	SOLAS / MSC.290(87) MSC.287(87)	II-1	Keel Laying ≥ 01-July- 2017	Bulk Carrier, Oil Tanker/ LBP ≥ 150 m	Single Side Skin bulk carriers (excluding ore carriers and combination carriers) and Oil tankers of these criteria, are to be designed and built to comply with Goal Based Ship construction standards (GBS).	LBP ≥ 150 m Bulk Carrier Oil Tanker
1-7	SOLAS / MSC.392(95)	II-2/ 4 and 11	Keel Laying ≥ 01-Jan- 2017	Oil Tanker/ ≥ 500GT	Amendments to venting arrangements of cargo tanks requires P/V valves in each cargo tank. Secondary means of venting to allow full flow relief of cargo or inert gas vapors at all times including in the event of damage to, or inadvertent closing of the primary means of venting. More specifically, Isolating valves fitted in cargo tank venting arrangements that are combined with other cargo tanks are to be so arranged to permit the passage of large volumes of vapor, air or inert gas mixtures during cargo loading and ballasting, or during discharging. In the event of damage to, or inadvertent closing of, the required tank isolation valve arrangement noted above, either a secondary means of venting capable of preventing over-pressure or under-pressure is to be provided; or pressure sensors are to be fitted in each tank which are to be monitored and alarmed at the ship's cargo control room or the position from which cargo operations are normally carried out.	P/V valves Tanker, C.O.T

#	Convention/ Resolutions.	Chapter/ Regulation	Application/ Date of force	Ship type / Size	Subject/ Items Required	Key Words
2-1	MARPOL / MEPC.270(69)	Annex II/ Appendix I	01-Sep-2017	Chemical Tankers / All size	Categorization of NLS. Amendments to the tables of the abbreviated legend to the revised GESAMP Hazard Evaluation Procedure in MARPOL Annex II/ Appendix I . These amendments refer to the legend only. Accordingly, these amendments do not affect the criteria or numerical ratings which are used to assign the pollution category to noxious liquid substances.	NLS GESAMP Hazard Evaluation
2-2	MARPOL / MEPC.271(69)	Annex VI/13	01-Sep-2017	All type & size	NOx ECA Record Book. New amendment to Annex VI Regulation 13.5 requires the Tier and operational status of engines > 130 kW installed on a ship constructed on or after 1 January 2016, which are certified to both Tier II and Tier III or which are certified to Tier II only, to be recorded within a prescribed logbook, together with the date, time and ship position when entering or exiting a Tier III emissions control area (ECA), or when the on/off status changes within such an area. The above is similar to the requirement in MARPOL Annex VI, regulation 14.6, for recording fuel oil change-over prior to entry into, and departure from, a designated SOx Emission Control Area.	NOx ECA Record Book Engines > 130 kW
2-3	MARPOL / MEPC.272(69)	Annex VI / NOx Technical Code	Engines installed ≥ 01-Sep-2017	All type & size	Amendments to the NOx Technical Code which enable certification of gas fueled and dual fuel engines, which include revisions to the Parent engine test report and test data form. Revised model form for engine test report only applicable to engines installed on/after 1 September 2017	Engines > 130 kW
2-4	MARPOL / MEPC.266(68)	Annex I / 12	New Ships & Existing Ships: Renewal survey ≥ 01-Jan-2017.	All Ships / GT ≥ 400	Revised Annex I, Regulation 12 (Tanks for Oil Residues (Sludge)) - restructured to incorporate existing Unified Interpretations relating to means of disposal, interconnections and tank cleaning arrangements. Modifications that may be required to ships constructed before 01-Jan-2017 with MEPC.1/ Circ.753/Rev.1 arrangements are to be completed no later than the first renewal survey carried out ≥ 1 January 2017. See also Circular No 06/2016 Date 17-Aug-2016 "Amended Requirements For Sludge Discharging And Bilge Water Piping As Of 1st January 2017"	Sludge
3-1	IGF Code MSC.391(95), MSC.392(95), SOLAS STCW Code MSC.394(95), MSC.395(95), MSC.396(95), MSC.397(95)	 II-1/ 2, 55, 56, 57 II-2/ 4, 11, 20 I , V	Keel Laying & Existing ships converted to use low flashpoint fuels ≥ 01-Jan-2017	All ships / GT ≥ 500	Ships burning low flash fuels to meet the IGF Code, - provisions to carry out a risk assessment when specified; - machinery spaces are either : - o "gas safe" (a single failure cannot lead to release of fuel gas) or - o "ESD-protected" (in the event of an abnormal gas hazard, all non-safe equipment/ignition sources and machinery is automatically shut down while equipment or machinery in use or active during these conditions is to be of a certified safe type); - protection of the fuel system from hull penetration damage - structural elements of the fuel containment system are to be evaluated with respect to failure modes, taking into account possibility of plastic deformation, buckling, fatigue and loss of liquid and gas tightness; - air locks providing direct access between non-hazardous and hazardous spaces is prohibited except where necessary for operational reasons, through a mechanically ventilated air lock with self-closing doors; - hazardous areas are to comply with IEC principles for the classification; and - gas detection is required at ventilation inlets to accommodation and machinery spaces if required from risk assessment - SOLAS II-2/4.2.1 permits otherwise for emergency generator, emergency fire pump's engines and auxiliary machines (which are not located in the machinery spaces of category A). These provisions do not apply to gas ships certified to the IGC Code. - SOLAS Appendix- revise form of Safety Cons. Cert. for Cargo Ships and Safety Cert. for Passenger Ships (application of IGF Code stated) - Mandatory minimum requirements are introduced for the training and qualification of masters, officers, ratings and other personnel on ships subject to the IGF Code.	Low Flash Fuels IGF Code

#	Convention/ Resolutions.	Chapter/ Regulation	Application/ Date of force	Ship type / Size	Subject/ Items Required	Key Words
4-1	IMSBC Code Revisions MSC.393(95)		Keel Laying & Existing ships carrying IMSBC cargo ≥ 01-Jan-2017	Cargo ships / GT ≥ 500	Routine on board operational fire safety risk assessments are to be carried out by the ship's crew for cargo handling areas on self-unloading bulk carriers featuring internally installed conveyor systems within the ship's structure. A new recommendatory section introduces the provisions on the management of residues of solid bulk cargoes, in relation to the 2012 Guidelines for the implementation of MARPOL Annex V (MEPC.219(63), as amended. The hazards, stowage and discharge arrangements and precautions to be implemented for individual schedules of solid bulk cargoes (including Ammonium Nitrate) are revised.	IMSBC (International Maritime Solid Bulk Cargoes) Risk Assessments

Note:

This table is a summary for informational purposes only. While SCM attempts to highlight aspects of regulations that will interest the greatest number of readers, such a Summary cannot be a complete statement of all regulations nor of any particular regulation and the nuances of its implementation. SCM expressly disclaims all warranties including the warranties of merchantability and fitness for a particular purpose. This table should not be considered legal advice.

For further information you may contact:

Ships Classification (Malaysia) Sdn. Bhd.

Wisma SCM, No. 2 & 3, Block 2, Presint Alami, Persiaran Akuatik,

Seksyen 13, 40675 Shah Alam, Selangor Darul Ehsan, Malaysia.

Phone: (603) - 5513 8170

Fax: (603) - 5513 8086

Website : www.myscm.com.my

Email: infohq@myscm.com.my

Capt M.Prathaban

H/P:012 2997278

Email: mprathaban@myscm.com.my

Marby Rohani

H/P:012 6071147

Email: marby@myscm.com.my

Mohd Nor Sahat

H/P:012 234 9521

Email: mdnor@myscm.com.my

Sosanto Yusup

H/P:013 3841229

Email: sosanto@myscm.com.my