



# SCM CIRCULAR

NO.1/03

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*CIRCULAR TO SHIP OWNERS, MASTERS, AGENTS AND ALL RELEVANT PARTIES.*

## **ENTRY INTO FORCE OF AMMENDMENTS TO SOLAS'74.**

As stated in SCM circular 02/02, SOLAS 2000 amendments have come into force on 1<sup>st</sup> July 2002. Amongst the major changes that have been implemented are:

- Amendments to Chapter II-1, Reg.3-4 (towing arrangements, tankers  $\geq$  20000 DWT), Reg.3-5 (use of asbestos, new ships) and Reg.43 (emergency electrical power, new ships)
- Totally revised Chapter II-2. (affecting new and existing ships.)
- Totally revised Chapter V (affecting new and existing ships.)
- Amendments to Chapter IX (ISM) Reg.1, 3 and 6. (affecting new and existing ships.)
- Amendments to Chapter X (High Speed Craft)
- The existing Chapter XI has been renamed Ch.XI-1 (Special Measures to enhance maritime safety.) (affecting new and existing ships)
- A new Chapter XI-2 has been added.(Special measures to enhance maritime security) (affecting new and existing ships)

*Note: for the purpose of these rules, 'New ships' means any ships constructed on or after 1<sup>st</sup> July 2002, all other ships are 'Existing ships'.*

In entirety, the new regulations effect mainly "new ships", however the following are requirements that will affect existing ships and their date lines:

- 1) Ch.II-2 Reg.4.5.10.1 Protection of pump room in tankers.(to be carried out by the first scheduled dry docking after 1<sup>st</sup> July 2002, but no later than 1st July 2005):
  - Pumps installed in the cargo pump room, driven by shafts passing through pump room bulkhead shall be fitted with temperature sensing device with an audible and visual alarm in the cargo control room..
  - A system for continuously monitoring the concentrations of hydrocarbon gasses shall be fitted, when the concentration of hydrocarbon reaches a pre set level, a audible and visual alarm shall be effected in various service spaces.
  - All cargo pump rooms shall be provided with bilge level monitoring devices together with appropriately located alarms.
- 2) Ch.II-2 Reg.13.3.4 (EEBD) Emergency Escape Breathing Device. *See SCM circular 02/02.*
- 3) Ch.II-2 Reg.14/15/16 (for new and existing ships, not later than the first safety equipment survey after 1<sup>st</sup> July 2002)
  - A detailed fire protection maintenance plan is to be kept on board.
  - A detailed training manual shall be provided in each crew mess room.
  - A fire safety operational booklet containing the necessary information and instruction for the safe operation of the ship and cargo handling operations in relation to fire safety.

- 4) Ch.V Reg.19.2.1.6 (not later than the first Safety Equipment survey after 1st July 2002)
  - A receiver of a navigation satellite system, suitable for use at all times during the intended voyage to establish and update the ships position by automatic means. (GPS device commonly fitted on board shall be acceptable.)
- 5) Ch.V Reg.19.2.4 Automatic Identification System (AIS), to be fitted:
  - for new passenger ships. (constructed on/after 1<sup>st</sup> July 2002)
  - for tankers, not later than first Safety Equipment survey after 1<sup>st</sup> July 2003
  - for existing passenger ships, not later than 1<sup>st</sup> July 2003
  - for other cargo ships between 3000 – 10,000 GT, not later than 1<sup>st</sup> July 2006.
  - For other cargo ships between 300 – 3000, not later than 1<sup>st</sup> July 2007.
  - For other cargo ships not engaged in international trade, not later than 1<sup>st</sup> July 2008.

AIS shall:

- Provide automatically to appropriately equipped shore stations, other ships and air craft information, including the ships identity, type, position, course, speed, navigational status and safety related information.
  - Receive automatically such information from similarly fitted ships
  - Monitor and track ships; and
  - Exchange data with shore base facilities.
- 6) Ch.V Reg.1.2.5 All ships  $\geq 500$  GT shall, in addition to meeting the requirements of (5) shall have a gyro-compass or other means, to determine and display their heading by shipborne non-magnetic means and to transmit heading information for input to the AIS.
  - 7) Ch.V Reg.20 To assist with casualty investigations, ships, when engaged on international voyages shall be fitted with a voyage data recorder (VDR) as follows:
    - New passenger ships and new cargo ships  $\geq 3000$ GT (constructed on/after 1<sup>st</sup> July 2002).
    - Existing passenger ships, not later than 1<sup>st</sup> January 2004

SHIPS CLASSIFICATION MALAYSIA

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ROSIDI B. PUTEH  
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