

MANDATORY COMPLIANCE - SOLAS (continued)

Regulation/Reference	Ship Type	Relevant Survey	Compliance Date	Age Determinant	Age of Ship	Overview of Regulation (refer to actual regulation for details)
Bridge Visibility MSC.142(77) SOLAS V/22	All Ships ≥ 55m Length		1 Jul 2006	KL	≥ 1 Jul 1996	The lower length limit for the application of the bridge visibility requirements was revised from the 1966 ICLL length to LOA in order to improve the practicality of the regulations application during design where LOA is more readily available. Also, the value was increased from 45m to 55m in order to avoid unintended application to ships smaller in length than that currently specified.
SOLAS II-1/45 Electrical Equipment MSC.170(79)	Tanker ≥ 500 GT	INS	1 Jan 2007	KL	All	Electrical equipment installed in hazardous locations is prohibited unless it conforms with a standard not inferior to IEC 60092-502:1999. The IEC standard applies the zonal concept for classification of hazardous area (Zone 0, 1 and 2) which will allow for the use of explosion proof equipment in the cargo pump room including explosion proof electrical gas detectors.
IGC Code MSC.177(79)	Gas (All)		1 Jan 2007	KL	All	All certificates are to indicate the completion date of the survey on which the certificate is based. Electrical equipment installed in hazardous locations is prohibited unless it conforms with a standard not inferior to IEC 60092-502:1999. The IEC standard applies the zonal concept for classification of hazardous area (Zone 0, 1 and 2) which will allow for the use of explosion proof equipment in the cargo pump room including explosion proof electrical gas detectors.
IBC Code MEPC.119(52) MSC.176(79)	Chemical (All)		1 Jan 2007	KL	≥ 1 Jan 2007	Under this complete re-write of the International Bulk Chemical (IBC): 1) requirements for the shipyard to provide compatibility information for materials of construction to the ship operator prior to delivery of the ship. The shipper of cargo is to provide cargo compatibility information to the ship operator prior to transportation of the product; 2) provisions that allow electrical equipment, cables and wiring to be installed in hazardous locations if it conforms with standards not inferior to IEC 60092-502:1999; and 3) revised carriage requirements for the re-categorized products (including a breakdown of vegetable oils into specific products) according to the Global Harmonized System (GHS). Approximately 550 products were evaluated and are included in the new Chapter 17 and an additional 34 products were evaluated and are included in the new Chapter 18 of the IBC Code.
SOLAS V/20 VDR, and S-VDR MSC.170(79)	Cargo ≥ 3000 GT & < 20,000 GT	DD	1 Jul 2007 (2010)	KL	< 1 Jul 2002	Ships shall be fitted with a voyage data recorder (VDR) or a simplified VDR (S-VDR) of either fixed or float-free type. The S-VDR should meet the standards contained in resolution MSC.163(78) and record and maintain, for a period of at least 2 years following termination, bridge and communication audio, radar, position, speed, heading, date and time and, if radar data is not possible, AIS data. S-VDRs may be combined with an EPIRB, provided the standards for each piece of equipment are met.
2000 SOLAS X 1994 HSC Code MSC.119(74)	HSC > 12 Passengers		1 Jul 2007	KL	≥ 1 Jan 1996	AIS is required to be fitted on board. AIS provides to other ships, shore stations the ship's identity, type, position, course, speed and navigational status of the ship's command and engines.
SLS II-1/B-2 Damage Stability Upgrades SOLAS 1997 Edition	RoRo ≥ 400 Passengers	P	1 Oct 2010	KL	< 1 Jul 1998	With any one compartment flooded, ships with an Aymax ≥ 97.5 must possess a residual GZ with an area ≥ 0.015 m-rad, a magnitude ≥ 0.10m and sufficient to resist the larger moment due to passenger crowding, wind pressure or launching of all life boats fully loaded from one side.
SLS II-2/41-1 Fire Safety Upgrades SOLAS 1997 Edition	Passenger > 36 Passengers		1 Oct 2010	KL	< 1 Oct 1994	All of the fire safety provisions of SOLAS II-2, including requirements pertaining to combustible materials, must be met.