

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)
ESP Thickness Measurements & Repair MSC.144(77) SOLAS XI A.7.4.4(18)	OI ≥ 500 GT		1 Jul 2006	KL	All	Thickness of longitudinal members required to be gauged should, at a minimum, be measured as follows: 1) two readings for each deck plate and bottom shell plate; 2) all longitudinal members comprising two girth belts for tankers between 10 and 15 years of age and three girth belts for tankers 15 years of age and older; 3) one reading for the web and face plate of every longitudinal and girder located within 10% of the molded depth of the main deck and bottom shell plate; and 4) one reading for web and face plates of the remaining longitudinal and girders. The minimum continuous length of a renewed or reinforced structural member should be at least twice the spacing of the primary members in way thereof. Thickness diminution at the butt joints of joining members forward and aft of the replaced member should not be within the substantial corrosion range (75% of the allowable diminution). A transition taper is to be provided in way of the butt joint where differences in thickness exceed 15% of the lower thickness.
1994 HSC Code MSC.36(63) MSC.174(79)	HSC > 12 Passengers ≥ 500 GT		1 Jul 2006	KL	All	HSC certificates are to indicate the completion date of the survey on which the certificate is based.
2000 HSC Code MSC.97(73) MSC.175(79)	HSC > 12 Passengers ≥ 500 GT		1 Jul 2006	KL	All	HSC certificates are to indicate the completion date of the survey on which the certificate is based. Boundaries and associated openings and penetrations of buoyant spaces that may be subjected to increased fluid pressure in the equilibrium position after damage are to be designed and constructed to prevent the passage of fluid under that pressure.
2000 SOLAS X 1994 HSC Code MSC.119(74)	HSC ≥ 3,000 GT		1 Jul 2006	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.
GC Code A.329(X) MSC.182(79)	Gas (All)		1 Jul 2006	KL	All	All GC Code certificates of fitness are to indicate the completion date of the survey on which the certificate is based.
SOLAS XII/14 Cargo Loading & Structural Standard MSC.168(79)	Combo ≥ 150m Length		1 Jul 2006	KL	All	To be exempted from the SOLAS XII/14 restrictions for sailing beyond 10 years of age with not less than 10% cargo weight per hold at 90% deadweight or above, compliance with IACS UR S12 Rev.2.1, which contains the minimum required standards for the side structures within the cargo area of single-side skin bulk carriers carrying solid bulk cargoes having a density ≥ 1,780 kg/m ³ , is required. Alternatively, single side skin bulk carriers which were not built in accordance with IACS UR S12 Rev.2.1, but have side shell frames and brackets renewed and or reinforced to comply with the shear and buckling strength checks at the lower bracket and at the bracket's connection to the frame as per IACS UR S31, are also exempted from SOLAS XII/14.
SOLAS XII/7 Maintenance of Hatch Covers MSC.169(79)	Combo ≥ 500 GT		1 Jul 2006	KL	All	Once per week during voyages (weather permitting) and when the covers are opened (but not more frequently than once per month) covers are to externally examined, particularly covers located within the forward 25% length. A maintenance plan and records are to form part of the ISM Code safety management system. Visible checks on corrosion, cracks and deformation of the coamings, stiffeners and brackets, especially in way of the coaming tops and corners, adjacent deck plating and brackets, are to be made.