

MANDATORY COMPLIANCE – LOADLINE

Regulation/Reference	Ship Type	Relevant Survey	Compliance Date	Age Determinant	Age of Ship	Overview of Regulation (refer to actual regulation for details)
Hatch Cover Loads MSC.143(77) 88 Load Line	General Cargo ≥ 100m Length		1 Jan 2005	KL	≥ 1 Jan 2005	The loads applied to determine the strength of hatch covers located within the forward quarter length were significantly increased (e.g., the loads increase at the forward perpendicular from 42% for L= 100m to 280% for L= 340m at a Type B-Reduced freeboard. At the forward perpendicular the loads increase from 42% (for L= 100m) to 280% (for L= 340m) at a Type B-Reduced freeboard and remains constant for ships above 340m in length. The increase is due to assumed flooding of the forepeak space or the foremost cargo hold.
Hatch Cover Loads MSC.143(77) 88 Load Line	Bulk ≥ 100m Length		1 Jan 2005	KL	≥ 1 Jan 2005	The loads applied to determine the strength of hatch covers located within the forward quarter length were significantly increased (e.g., the loads increase at the forward perpendicular from 42% for L= 100m to 280% for L= 340m at a Type B-Reduced freeboard.
Reserve Buoyancy MSC.143(77) 88 Load Line Reg. 39	All ≥ 24m Length		1 Jan 2005	KL	≥ 1 Jan 2005	This new regulation requires a minimum amount and distribution of reserve buoyancy for ships assigned a type B freeboard or B-Reduced freeboard. The volume of reserve buoyancy (due to freeboard, sheer and focle) must not be less than the minimum required by regulation 39 which is calculated based on tabular freeboard, block coefficient, length and depth.
Minimum Bow Height MSC.143(77) 88 Load Line	All ≥ 24m Length		1 Jan 2005	KL	≥ 1 Jan 2005	The empirical formula was amended to increase the minimum bow height and thereby reduce the amount of water shipped over the bow (deck wetness) and the magnitude of pressures experienced based on an acceptable long-term probability level. For ships of more than 100m in length, the minimum required height will increase on the order of 0.5m.
Conditions of Freeboard Assignment MSC.143(77) 88 Load Line	All ≥ 24m Length		1 Jan 2005	KL	≥ 1 Jan 2005	A number of amendments incorporate existing IACS Unified Requirements. Arrangements and formula for calculating minimum area as a function of athwart ship free flow area are revised. Also, closures on chain pipes are required to minimize water ingress.
Load Line, 1988 Protocol Certificates MSC.172(79)	All Ships ≥ 24m Length		1 Jul 2006	KL	All	Load Line certificates are to indicate the completion date of the survey on which the certificate is based.

MANDATORY COMPLIANCE – STCW

Regulation/Reference	Ship Type	Relevant Survey	Compliance Date	Age Determinant	Age of Ship	Overview of Regulation (refer to actual regulation for details)
STCW MSC.180(79)	All Ships > 12 Passengers ≥ 500 GT		1 Jul 2006	KL	All	Seafarers are required to possess minimum standards of competence in the knowledge of survival boat and rescue boat dangers and maintenance associated with the use of on-load release devices.
STCW Code MSC.156(78)	All Ships > 12 Passengers ≥ 500 GT	≥	1 Jul 2006	KL	All	Minor amendments to the STCW Certificate.