

RECOMMENDED COMPLIANCE - MARPOL / SOLAS / LOADLINE (continued)

| Regulation/Reference | Ship Type | Relevant Survey | Compliance Date | Age Determinant | Age of Ship | Overview of Regulation (refer to actual regulation for details) |
|--|------------------|-----------------|-----------------|-----------------|-------------|--|
| Hatch Cover Securing Devices MSC.148(77) IACS UR S30 Rev.3 | Bulk ≥ 500 GT | | | DL | All | Recommends that securing devices and stoppers for cargo hold hatchways No.1 and No.2 which are wholly or partially within 25%L of the fore perpendicular, except pontoon type hatch cover should meet new strength formulations as per IACS UR S30, which take into account green sea horizontal loads. |
| Side Shell Frames MSC.148(77) IACS UR S31 Rev.1/Corr.3 | Bulk ≥ 500 GT | | | DL | All | Recommends that cargo hold side shell frames and brackets which were not built in accordance with IACS UR S12, Rev.1, or subsequent revisions, should be assessed under UR S31. Criteria for renewal and/or reinforcement include shear and buckling strength checks at the lower bracket and at the bracket's connection to the frame applying loads from extreme sea conditions as well as checks against as-built and UR S12 thicknesses. |

This table is a summary for informational purposes and should not be considered legal advice. While ABS 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. ABS expressly disclaims all warranties including the warranties of merchantability and fitness for a particular purpose.

NOTES:

- P** = first periodic (renewal) survey after indicated date
SLE = first safety equipment survey after indicated date
SLR = first safety radio survey after indicated date
I = first intermediate (I) survey after date
A = first Annual (A) survey after date
INS = installed after date indicated
AN = anniversary date in year
FS = first survey (including survey during construction) after indicated date
DL = delivery date
KL = keel laying date; 1900 is reference to capture all ships
DD = First dry docking scheduled after indicated date
> = on or after indicated date
< = before indicated date
- SHIP SIZE:**
LOA = length overall
LBP = length between perpendiculars
gt = gross tonnage
dwt = deadweight
88L = length according to the 1988 Load Line Protocol
66L = length according to the 1966 Load Line Convention

SHIP TYPES:

- All** - all types of ships, barges and MODUs.
All Ships - a self-propelled ship of any type and SP-MODUs.
Passenger - a Passenger Ship is a ship which carries more than the indicated number of passengers.
RoRo - a ship with ro-ro cargo spaces as defined in SOLAS II-2/3(41).
HSC - a High Speed Craft capable of a maximum speed in meters per second (m/s) equal to or exceeding a value of 3.7(WOL DISP/L^{0.1667}).
Cargo - any ship type (including SP-MODUs) which is not a passenger ship.
General Cargo - a Cargo Ship other than a tanker or a bulk carrier.
Tanker - a Cargo Ship constructed or adapted for the carriage in bulk of liquid cargoes of an inflammable nature.
Oil - a tanker constructed or adapted primarily to carry oil in bulk in its cargo spaces and includes combination carriers and any chemical tanker as defined in Annex II of the present Convention when it is carrying a cargo or part cargo of oil in bulk.
Crude - an oil tanker engaged in the trade of carrying crude oil.
Product - an oil tanker engaged in the trade of carrying oil other than crude oil.
Chemical - a cargo ship constructed or adapted primarily to carry a cargo of noxious liquid substances in bulk and includes an oil tanker as defined in Annex I of the present Convention when it is carrying a cargo or part cargo of noxious liquid in bulk.
Gas - a cargo ship constructed or adapted and used for the carriage in bulk of any liquid gas or other product listed in Chapter 19 of the International Gas Carrier Code.
Bulk - a bulk carrier is a ship which is constructed generally with single deck, top-side and hopper side tanks in cargo spaces, and is intended primarily to carry dry cargo in bulk and includes such types as ORE carriers and combination (COMBO) carriers.
Combo - a combination carrier is a ship designed to carry either oil or alternatively solid cargoes in bulk.
Ore - a single deck ship with two longitudinal bulkheads and a double bottom throughout the cargo region and intended for the carriage of ore cargoes in the centre holds only.
MODU - a Mobile Offshore Drilling Unit is any vessel capable of engaging in drilling operations for the exploration or exploitation of resources beneath the sea-bed such as liquid or gaseous hydrocarbons, sulphur or salt.
SP-MODU - a self propelled MODU.