



## TECHNICAL CIRCULAR No. 034 of 26<sup>th</sup> November 2011

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To:	All Surveyors
Applicable to flag:	All Flags
Subject:	Goal Based Standards for Shipbuilding
Reference:	SAFETY-SOLAS Amm. Reg.II-1/3-10, Oil tankers and bulk carriers >150m, Due date:1 <sup>st</sup> Jan.2012

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### **Goal-based Ship Construction Standards for Bulk Carriers and Oil Tankers (GBS) (SOLAS regulation II-1/3-10)**

- MSC.287(87) – Adoption of the International Goal-Based Ship Construction Standards for Bulk Carriers and Oil Tankers
- MSC.290(87) – Adoption of Amendments to the International Convention for the Safety of Life at Sea, 1974, as amended (SOLAS)
  - (i) The new SOLAS regulation II-1/3-10 (MSC.290(87)) enters into force on 1 January 2012 and applies to oil tankers of 150 m in length and above and to bulk carriers of 150 m in length and above (constructed with single deck, top-side tanks and hopper side tanks in cargo spaces, excluding ore carriers and combination carriers):
    - for which the building contract is placed on or after 1 July 2016;
    - in the absence of a building contract, the keels of which are laid or which are at a similar stage of construction on or after 1 July 2017; or
    - the delivery of which is on or after 1 July 2020.
  - (ii) Ships shall be designed and constructed for a specified design life and meeting the functional requirements of the GBS (MSC.287(87)). This is achieved by satisfying applicable structural requirements of our ROs, which would be required to conform to the functional requirements.
  - (iii) In order to ensure that the structural requirements conform to the functional requirements, the rules of our ROs would be subjected to verification by a Panel of Experts appointed by the IMO. The method and criteria to be applied during the verification process is given in a separate MSC resolution: MSC.296(87) – *Adoption of the Guidelines for Verification of Conformity with Goal-Based Ship Construction Standards for Bulk Carriers and Oil Tankers.*
  - (iv) Shipowners should take note that a Ship Construction File (SCF) with specific information on how the functional requirements of GBS have been applied in the ship design and construction shall be provided upon delivery of a new ship, and kept on board the ship

and/or ashore and updated as appropriate throughout the ship's service. Guidelines on the SCF and its contents are given in MSC.1/Circ.1343 – *Guidelines for the information to be included in a Ship Construction File*.

(v) Although the GBS regulation will enter into force on 1 January 2012, the earliest application date is 1 July 2016. This is to allow sufficient time for the verification of rules. Further, in 2014, the MSC will review the progress on the implementation of GBS, in particular on verification, and if necessary, to adjust the application dates accordingly. Shipowners should take note that the regulation is applicable by ship length and not gross tonnage. They should liaise with the RO of their choice when planning to construct new vessels which fall within the application dates.

**REFERENCES:**

SOLAS Amendments Reg. II-1/3-10, MSC.87

**ATTACHMENTS:**

NONE

Kindest Regards,  
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