



MARITIME SAFETY COMMITTEE
88th session
Agenda item 5

MSC 88/5
20 July 2010
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GOAL-BASED NEW SHIP CONSTRUCTION STANDARDS

Outcome of MSC 87: future work on goal-based standards

Note by the Secretariat

SUMMARY

<i>Executive summary:</i>	The document recalls the outcome of MSC 87 regarding goal-based new ship construction standards and the considerations of the Committee with respect to future work on the agenda item
<i>Strategic direction:</i>	10
<i>High-level action:</i>	10.1.1
<i>Planned output:</i>	10.1.1.2
<i>Action to be taken:</i>	Paragraph 4
<i>Related document:</i>	MSC 87/26, section 5

Background

1 The Committee will recall that MSC 87 agreed and adopted/approved, as appropriate, a package of measures concerning goal-based ship construction standards (GBS) for bulk carriers and oil tankers, consisting of:

- .1 International goal-based ship construction standards for bulk carriers and oil tankers, adopted by resolution MSC.287(87) (MSC 87/26, paragraph 3.47 and annex 1);
- .2 associated amendments to SOLAS chapter II-1 to make the above standards mandatory, adopted by resolution MSC.290(87) (MSC 87/26, paragraph 3.48 and annex 4);
- .3 Guidelines for verification of conformity with goal-based ship construction standards for bulk carriers and oil tankers, adopted by resolution MSC.296(87) (MSC 87/26, paragraph 5.32 and annex 12);
- .4 Guidelines for information to be included in a Ship Construction File, approved as circular MSC.1/Circ.1343 (MSC 87/26, paragraph 5.33); and
- .5 timetable and schedule of activities for the implementation of the GBS verification scheme (MSC 87/26, paragraph 5.34 and annex 13).

Future work on GBS

2 In considering how to proceed with the work on goal-based standards, MSC 87 recalled that MSC 84, when agreeing a work plan for the continued development of GBS (MSC 84/24, paragraph 5.20), had listed the following issues under long-term considerations:

- .1 assessment of the experience gained from the application of GBS and incorporation of lessons learned into the Generic guidelines for developing goal-based standards (MSC 87/5);
- .2 validation of the results of the safety level approach by comparing with the prescriptive approach;
- .3 determination of the current safety level of the rules/regulations;
- .4 application of GBS to other ship types on an incremental basis;
- .5 expansion of GBS to cover every aspect of the design and construction of new ships;
- .6 consideration of whether all new or revised IMO regulations, classification rules and other mandatory standards should be followed by a commentary in an agreed format, explicitly stating which functional requirements are addressed and providing the substantial basis for the regulation; and
- .7 consideration of whether any changes to the IMO process for submitting proposals for new work programme items are needed after approval/adoption of the guidelines for developing goal-based standards.

3 Consequently, MSC 87 agreed to keep the item on "Goal-based new ship construction standards" on the Committee's agenda to:

- .1 monitor the progress made with the implementation of the GBS SOLAS amendments and Standards, and in particular the verification scheme, taking into account the regular progress reports by the Secretariat as stipulated in the timetable and schedule of activities for the implementation of the GBS verification scheme and take action as may be necessary;
- .2 further develop/finalize the Generic guidelines for developing goal-based standards; and
- .3 further consider the issues under long-term considerations agreed at MSC 84 (see paragraph 2),

and invited Member Governments and international organizations to submit relevant comments and proposals to this session.

Action requested of the Committee

4 The Committee is invited to note the above information and to take action as deemed appropriate.