

SUB-COMMITTEE ON SHIP SYSTEMS AND
EQUIPMENT
6th session
Agenda item 9

SSE 6/9/Y
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**REQUIREMENTS FOR ONBOARD LIFTING APPLIANCES AND
ANCHOR HANDLING WINCHES**

Consideration of the placeholder for the draft new SOLAS regulations (Part 2)

Submitted by Japan and ICS

SUMMARY

Executive summary: This document provides text proposals for the draft new SOLAS regulations based on the analysis and proposals provided in SSE 6/9/X (Japan and ICS).

Strategic Direction, if applicable: Other work

Output: OW 34

Action to be taken: Paragraph 4

Related documents: SSE 4/19, SSE 5/17SSE 4 and MSC 98/23

Introduction

1 This document provides specific text proposals for the development of new draft SOLAS regulations based on the analysis and proposals provided in SSE 6/9/X (Japan and ICS).

Action requested of the Sub-Committee

2 The Sub-Committee is invited to consider the proposals in the annex when further considering the placeholder for the draft new SOLAS regulations for OLAW, and take action as appropriate.

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ANNEX

DRAFT AMENDMENTS TO SOLAS CHAPTER II-1, PART A-1, STRUCTURE OF SHIPS

Regulation 2 – Definitions

1 The following definitions are added:

To be developed based on MSC 100/9/1 and MSC 100/9/5 taking into account annex 1 to SSE 6/9.

2 The following new regulation is added after existing regulation 3-12:

"Regulation 3-13 – Lifting appliances and anchor handling winches"

1 Application

1.1 Unless expressly provided otherwise, this regulation shall apply to lifting appliances and anchor handling winches which have a Safe Working Load (SWL) of [1,000] kg or greater and loose gear utilized with the lifting appliances and the anchor handling winches.

1.2 Notwithstanding the above, this regulation does not apply to:

- .1 lifting appliances on [ships certificated in accordance with MODU Code] [mobile offshore drilling units ...];
- .2 lifting appliances used on offshore construction ships, such as pipe/cable laying/repair or offshore installation vessels, including ships for decommissioning work, which comply with international standards acceptable to the Administration; and
- .3 lifting appliances using integrated mechanical equipment for raising and lowering hold hatch covers.

2 Design and construction

2.1 Lifting appliances and anchor handling winches installed on or after [date] shall be:

- .1 designed, constructed and installed in accordance with the requirements of a classification society which is recognized by the Administration in accordance with the provisions of regulation XI-1/1, or with applicable national standards of the Administration which provide an equivalent level of safety;
- .2 be load tested after installation and before being taken into use for the first time, and after repairs, modifications or alterations of major character; and
- .3 be permanently marked with, and provided with documentary evidence of:
 - .1 for lifting appliances, the safe working load (SWL); or

.2 for anchor handling winches, the maximum rated line pull.

2.2 Lifting appliances and anchor handling winches installed on ships before [date] shall comply with regulation II-1/3-13.2.1.2 and II-1/3-13.2.1.3 no later than the date of the first renewal survey on or after [date].

3 Condition of equipment

All lifting appliances, anchor handling winches regardless of installation date and all loose gear utilized with any lifting appliances and anchor handling winches shall be maintained and inspected[, examined[,] [and] tested[and operated]] based on the Guidelines developed by the Organization*.

* Refer to the Guidelines to be developed by the Organization.

(Based on draft new regulation II-1/3-13.6 in annex 1 to SSE 6/9).

4 Out-of-service lifting appliances and anchor handling winches

4.1 While all reasonable steps shall be taken to maintain lifting appliances, anchor handling winches and loose gear to which this regulation applies in working order, malfunctions of that equipment shall not be considered as making the ship unseaworthy or as a reason for delaying the ship in ports where repair facilities are not readily available, provided that action has been taken by the Master to:

- .1 take the inoperative lifting appliance or anchor handling winch into account in planning and executing a safe voyage;
- .2 prevent [inadvertent] operation of lifting appliances and anchor handling winches, including making appropriate electrical [or hydraulic] power and mechanical isolations;
- .3 prevent uncontrolled movement of lifting appliances using appropriate restraining and preventing arrangements, if required;
- .4 store [and [tag] [mark]] out-of-service loose gear separately from in-service loose gear. [Such equipment should be marked as out-of-service]; and
- .5 record that a lifting appliances, anchor handling winches [and] [or] [item of] loose gear is out of service until necessary repairs have been completed.

4.2 Lifting appliances and anchor handling winches which are to remain out-of-service for a period of 12 months or more for reasons other than damage or repair, should continue to be maintained and inspected as required by the present regulation. Preservation of the equipment should be in accordance with the recommendations of the manufacturer. Prior to re-entry into service, such lifting appliances and anchor handling winches should be thoroughly examined and tested as required by the present regulation.
