

SUB-COMMITTEE ON SHIP DESIGN AND
CONSTRUCTION
11th session
Agenda item 6

SDC 11/6/1
04 November 2024
Original: ENGLISH
Pre-session public release:

AMENDMENTS TO THE 2011 ESP CODE

Consequential revision of MSC.1/Circ.1502 to reflect changes in the 2011 ESP Code (resolution MSC.525(106))

Submitted by IACS

SUMMARY

Executive summary: This document presents the proposed revision of MSC.1/Circ.1502 on the *Guidance on pressure testing of boundaries of cargo oil tanks under direction of the master* to keep consistency with the latest 2011 ESP Code (amended by resolution MSC.525(106)).

*Strategic direction,
if applicable:* 7

Output: 7.21

Action to be taken: Paragraph 6

Related document: Resolution MSC.525(106)

Introduction

1 Resolution MSC.525(106) amended the 2011 ESP Code regarding the pressure testing requirements of the boundaries of cargo tanks carried out by the ship's crew under the direction of the master which are specific in paragraph 2.6.1 of part A of annex B (for double-hull oil tankers) and paragraph 2.6.1 of part B of annex B (for oil tankers other than double-hull oil tankers) of the Code.

2 Under the output and agenda item where the draft amendment(s) to mandatory instruments was considered, question 10 of part III of annex 2 (check/monitoring sheet) of MSC.1/Circ.1500/Rev.2 asks to confirm that:

"All necessary related and consequential amendments to other existing instruments, including non-mandatory instruments, in particular to the forms of certificates and records of equipment required in the instrument being amended, have been examined and included as part of the proposed amendment(s)".

Discussion

3 IACS notes that MSC.1/Circ.1502 on the *Guidance on pressure testing of boundaries of cargo oil tanks under direction of the master* is relevant to the above-mentioned pressure testing and still contains the tank pressure testing provisions in its paragraph 3.4 which were based on the requirements of the 2011 ESP Code as per resolution MSC.461(101).

4 Therefore, IACS considers that MSC.1/Circ.1502 needs to be updated to keep consistency with the latest 2011 ESP Code.

Proposal

5 Noting the above, IACS proposes a draft revision of MSC.1/Circ.1502 to update its paragraph 3.4, as set out in the annex for consideration at this session.

Action requested of the Sub-Committee

6 The Sub-Committee is invited to consider the foregoing, the proposal in paragraph 5 and in the annex, and to take action, as appropriate.

ANNEX

DRAFT AMENDMENTS TO GUIDANCE ON PRESSURE TESTING OF BOUNDARIES OF CARGO OIL TANKS UNDER DIRECTION OF THE MASTER (MSC.1/CIRC.1502)

The following changes are proposed: *

"ANNEX

...

3 Testing of cargo oil tanks

...

3.4 Testing of the boundaries of cargo tanks carried out by the ship's crew under the direction of the master may be accepted by the surveyor provided the following conditions are complied with:

- .1 a tank testing procedure specifying fill heights, tanks being filled and boundaries being tested has been submitted by the owner and reviewed by the Administration or RO prior to the testing being carried out;
- .2 ~~there is no record of leakage, distortion or substantial corrosion that would affect the structural integrity of the tank~~ the tank testing is carried out prior to the overall survey or close-up survey;
- .3 the tank testing ~~has been satisfactorily~~ is carried out within the renewal survey window not more than three months prior to the date ~~of the survey~~ on which the overall or close-up survey is completed;
- .4 the tank testing has been satisfactorily carried out and there is no record of leakage, distortion or substantial corrosion that would affect the structural integrity of the tank;
- .45 the satisfactory results of the testing are recorded in the ship's logbook; and
- .56 the internal and external condition of the tanks boundaries and associated structure are found satisfactory by the surveyor at the time of the overall and close-up survey."

* Tracked changes are indicated using "grey shading" to highlight new insertions and "strikethrough" to highlight deletion of the existing texts.