

MARITIME SAFETY COMMITTEE
106th session
Agenda item 13

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NAVIGATION, COMMUNICATIONS AND SEARCH AND RESCUE

The need of consequential amendments to SOLAS regulation V/19 subsequent to the adoption of *Performance standards for electronic chart display and information systems (ECDIS)*

Submitted by IACS

SUMMARY

Executive summary: In order to facilitate global and uniform implementation, this document seeks clarification as to whether SOLAS regulation V/19.2.1.4 should be amended as a consequence of the adoption by MSC 106 of the draft revised *Performance standards for electronic chart display and information systems (ECDIS)*.

*Strategic direction, if 7
applicable:*

Output: 7.14

Action to be taken: Paragraph 7

Related documents: MSC106/13, NCSR 9/24

Introduction

1 This document is submitted in accordance with the provisions of paragraph 6.12.5 of the *Organization and method of work of the Maritime Safety Committee and the Marine Environment Protection Committee and their subsidiary bodies* (MSC-MEPC.1/Circ.5/Rev.3) and provides comments on paragraph 2.21 of document MSC 106/13 inviting the Committee to adopt the draft MSC resolution on the revised *Performance standards for electronic chart display and information systems (ECDIS)* (annex 24 of document NCSR 9/24).

2 The NCSR Sub-Committee, at its 9th session, finalized the draft MSC resolution on the revised *Performance standards for electronic chart display and information systems (ECDIS)*, and submitted it to MSC 106 for approval, as contained in annex 24 of document NCSR 9/24.

Discussion

3 The revised Performance standards for ECDIS now expands the scope of ECDIS to incorporate the function for electronic nautical publications, in addition to that for electronic nautical charts. IACS notes that the draft resolution intends that ECDIS equipment installed on or after 1 January 2029 should conform to the revised Performance Standards to be adopted at MSC 106; and that ECDIS equipment installed on or after 1 January 2026 but before 1 January 2029 should conform either to the revised Performance standards to be adopted at MSC 106 or the one specified in the annex to resolution MSC.232(82).

4 However, given the non-mandatory nature of the revised Performance standards, it is not sufficiently clear whether the use of electronic nautical publications through ECDIS is acceptable in the context of SOLAS chapter V, without amending SOLAS regulation V/19.2.1.4 as shown below¹.

"2.1 All ships irrespective of size shall have:

...

.4 nautical charts and nautical publications to plan and display the ship's route for the intended voyage and to plot and monitor positions throughout the voyage. An electronic chart display and information system (ECDIS) is also accepted as meeting the chart carriage requirements and nautical publications carriage requirements of this subparagraph. Ships to which paragraph 2.10 applies shall comply with the carriage requirements for ECDIS detailed therein;"

5 In addition, if the use of ECDIS may be accepted as a means to comply with the carriage requirement of nautical publications, there is a need to clarify how to identify and record such use and/or any other means for electronic nautical publications in the record forms of various safety certificates, i.e. Forms E, P, C, etc., taking into consideration the unified interpretation concerning nautical charts and ECDIS, i.e. MSC.1/Circ.1496.

Proposal

6 If the Committee agrees that further consequential work is required, as discussed in paragraphs 4 and 5 above, then IACS proposes to change the title of the existing output 7.14, as shown below, keeping its target completion year until 2023, to allow further consideration at NCSR 10.

~~"Revision of ECDIS Guidance for good practice (MSC.1/Circ.1503/Rev.1) and Consequential amendments to SOLAS regulation V/19.2.1 subsequent to the amendments to ECDIS performance standards (resolution MSC.232(82))"~~

Action requested of the Committee

7 The Committee is invited to consider the proposal in paragraph 6 above, and take actions as appropriate.

¹ Throughout the document tracked changes are indicated using "strikeout" for deleted text and "grey shading" to highlight all modifications and new insertions, including deleted text.
