

MSC Guidelines for Review of Initial Certificate of Compliance (ICOC) Plans

Procedure Number: H2-16

Revision Date: 07/20/2018

S.E. HEMANN, CDR, Chief, Hull Division

Purpose

The purpose of this Plan Review Guideline is to provide the submitter with general guidance and information for the preparation and submission of Initial Certificate of Compliance (ICOC) Plans.

References

- a. U.S. Coast Guard Marine Safety Manual (MSM), Vol. II: Material Inspection, Section D, Chapter 7 (COMDTINST 16000.7B)
 - b. SOLAS Consolidated Edition 2014; Consolidated Text of the International Convention for the Safety of Life at Sea, 1974, and its Protocol of 1988: articles, annexes and certificates
 - c. International Code for Fire Safety Systems (FSS); 2015 Edition
 - d. Navigation and Vessel Inspection Circular (NVIC) No. 06-05, "Unified Interpretations of SOLAS Chapter II-2, the FSS Code, the FTP Code, and related Fire Test Procedures"
-

Contact Information

If you have any questions or comments concerning this document, please contact the Marine Safety Center (MSC) by email or phone. Please refer to the Procedure Number **H2-16**.

Email: MSC@uscg.mil

Phone: 202-795-6730

Website: <https://www.dco.uscg.mil/MSC>

General Guidance

- ❑ It is recommended that the structural fire protection plan and the emergency escape plan be concurrently designed and reviewed on initial construction and at any time the escape arrangements or structural fire protection are altered. A number of issues are intertwined and must be reviewed together.
- ❑ Check that the information listed in the MSM on pages D7-10 through D7-12 is included in the submittal package.
- ❑ Ensure "A" and "B" Class bulkheads, automatic sprinklers, and fire detection are clearly shown on the Fire Control Plan.

MSC Guidelines for Review of Initial Certificate of Compliance (ICOC) Plans

Procedure Number: H2-16

Revision Date: 07/20/2018

- ❑ Ensure the length and area of each Main Vertical Zone (MVZ) or horizontal zone on each deck complies with SOLAS II-2/3.32 & II-2/9.2.2.1.2.
- ❑ Ensure that steps and recesses of the boundaries of the MVZs are kept to a minimum (SOLAS II-2/9.2.2.1.1.1). Where recesses do exist, they should preferably be the same on each deck.
- ❑ Ensure space classifications and boundaries comply with SOLAS II-2/9.2.2.2. Pay particular attention to areas classified as open decks. SOLAS II-2/9.2.2.3, 10.5.4, 7.2.2, 7.4 and 7.5 may be applicable to areas under overhangs on the upper decks, mooring decks, promenades and outdoor restaurants depending on their arrangement.
- ❑ Ensure the typical penetration details comply with the requirements of SOLAS II-2/9.3, 9.4, & 9.7.
- ❑ Ensure that draft stops are in accordance with SOLAS II-2/8.4.
- ❑ Ensure compliance with the direct access to stairways requirements of SOLAS II-2/13.3.2.3.
- ❑ Ensure the Means of Escape (MoE) comply with SOLAS II-2/13.
- ❑ Ensure muster stations are adequately sized per SOLAS III/11.2 with 0.35m² per person
- ❑ Ensure the location of the emergency source of electrical power, associated transforming equipment, transitional power source, and emergency switchboards complies with SOLAS II-1/42.1.3
- ❑ Ensure that the sprinkler pump is not located within a space that is required to be protected by the sprinkler system, in accordance with Chapter 8.2.4.3 of the FSS Code.
- ❑ Ensure the watertight doors comply with SOLAS II-1/13, particularly SOLAS II-1/13.4, 13.7, 13.10 and 13.11.
- ❑ Ensure the number and location of fire pumps comply with SOLAS II-2/10.
- ❑ Ensure muster station, embarkation and survival craft comply with SOLAS III/11, 12, 13, 14, 22, 25, and 28.

MSC Guidelines for Review of Initial Certificate of Compliance (ICOC) Plans

Procedure Number: H2-16

Revision Date: 07/20/2018

Additional USCG guidance can be found in Marine Safety Center's SOLAS Plan Review Guidelines, located on the website in the Contact Information section.

Disclaimer

This guidance is not a substitute for applicable legal requirements, nor is it itself a rule. It is not intended to nor does it impose legally-binding requirements on any party. It represents the Coast Guard's current thinking on this topic and may assist industry, mariners, the general public, and the Coast Guard, as well as other federal and state regulators, in applying statutory and regulatory requirements. You can use an alternative approach for complying with these requirements if the approach satisfies the requirements of the applicable statutes and regulations. If you want to discuss an alternative, you may contact the Marine Safety Center (MSC), the unit responsible for implementing this guidance.