

Samson's ICARIA Service Program provides a means of compliance documentation for SOLAS requirements that are in effect January 1, 2024.

Samson can provide a MSMP Gap Analysis document based on data received from the vessel to identify any limitations to be identified in the vessel's mooring plan. *MSC.1/Circ. 1175*

ICARIA provides a means to document and manage all criteria in C. All in-service Ships noted below and *MSC.1/Circ.1620*

**APPLICATION / Summary**

<b>CONSTRUCTION ASPECT</b>			
<b>Ships constructed on or after 1 January 2024</b>	Ships of 3,000 GT and above	<b>SOLAS Reg. II-1/3-8 paragraph 7</b> – The mooring arrangement shall be designed, and the mooring equipment including lines shall be selected, to ensure occupational safety and safe mooring of the ship. – Ship-specific information shall be provided and kept on board.	– MSC.1/Circ.1619 – MSC.1/Circ.1175/Rev. 1
	Ships of less than 3,000 GT	<b>SOLAS Reg. II-1/3-8 paragraph 8</b> – Should comply with the requirement of SOLAS Reg. II-1/3-8 paragraph 7, above as far as reasonably practicable – Or with applicable national standards of the Administration.	– MSC.1/Circ.1619 – MSC.1/Circ.1175/ Rev. 1 – National standards of the Administration
<b>Ships constructed on or after 1 January 2007</b>	<b>SOLAS Reg. II-1/3-8 paragraphs 4 to 6</b> – Ships shall be provided with arrangements, equipment, and fittings of sufficient safe working load to enable the safe conduct of all towing and mooring operations associated with the normal operation of the ship. – Arrangements, equipment, and fittings shall meet the appropriate requirements of the Administration, or an organization recognized by the Administration. – Each fitting or item of equipment shall be clearly marked with any limitations associated with its safe operation, considering the strength of the supporting ship's structure and its attachment to it.		– MSC.1/Circ.1175
<b>INSPECTION AND MAINTENANCE REGIME</b>			
<b>Ships in operation after 1 January 2024 (retroactive)</b>	<b>SOLAS Reg. II-1/3-8 paragraph 9</b> – Mooring equipment, including lines, shall be inspected and maintained in a suitable condition for their intended purposes.		– MSC.1/Circ.1620

**C. All In-Service Ships**

The following minimum requirements are to be complied with an compliance is to be confirmed by the attending surveyor at the initial survey for new ships or the first annual survey of Cargo or Passenger Ship Safety of Construction after 1 January 2024 for existing ships:

- I. Procedures for mooring operations, inspection, and maintenance of mooring equipment, including mooring lines to be documented and available on board.
- II. Procedures to allow the identification and control of mooring lines, tails, and associated attachments when on board to be documented and available on board.
- III. The onboard maintenance plan or computer maintenance management system is to include the periodic inspection of mooring lines, mooring line tails and associated attachments.
- IV. The records of inspection and maintenance of mooring equipment and inspection and replacement of mooring lines, are kept updated and are available on board at least to the last periodic renewal survey.
- V. Manufacturers criteria for replacement of mooring lines are available (*Ref. MSC.1/Circ.1620 paragraph 4.3.1*).
- VI. Records of the original design concept, equipment, arrangement, and specifications are available on board.

