



TECHNICAL CIRCULAR No. 907 of 7th January 2026

To	All Surveyors/Auditors. All flags
Title	Fixed Water-Based Fire-Fighting Systems
Reference	FFS Code Chapter 7

Amendments to FFS Code Chapter 7

Fixed Water-Based Fire-Fighting Systems amends the specification of fixed water-based fire-extinguishing systems on Ro-Ro passenger ships having weather decks intended for the carriage of vehicles as required by SOLAS Chapter II-2. The performance standards and testing requirements shall apply to Ro-Ro passenger ships constructed on or after 1 January 2026:

- The protected area shall be the entire length and width of the weather deck intended for vehicle carriage. Fixed monitor(s) shall deliver water to weather deck vehicle carriage areas, and areas including superstructure boundaries up to 8.0 m horizontally from vehicle storage areas, or the next vertical boundaries, whichever is less.
- Combined capacity of all monitors shall be a minimum 2.0 L/min/m² of protected area, with individual monitor output no less than 1,250 L/min. Even water distribution shall be ensured.
- Distance from monitor to the farthest extent of the MSC.555(108) protected area forward shall not exceed 75% of monitor throw in still air condition.
- Each monitor shall be located outside the area which it protects, in a safe position, with fire-safe access. Monitors shall provide unobstructed water coverage with vehicles stowed to maximum capacity of the weather deck. Areas not covered by monitors shall be protected by water nozzles, designed considering weather conditions and providing 5.0 L/min/m² with fire-accessible release controls.
- The system shall be immediately available and capable of continuous water supply. Water supply shall simultaneously cover the entire weather deck width and 40 m length (or full deck length if less), with capacity no less than required for the largest monitor.
- The system may be supplied by the fire main, the pump(s) serving other fixed water-based fire-fighting systems, or a dedicated pump providing a continuous supply of seawater.
- Where the ship's fire pumps feed monitor(s):
 - o A valve shall enable segregation to operate systems separately or simultaneously; and
 - o The pump capacity shall serve both systems simultaneously, including two fire main jets at required pressure (four jets if carrying dangerous goods on weather deck).
- Where another fixed water-based fire-fighting system feeds monitor(s):
 - o A valve shall enable segregation to operate systems separately or simultaneously; and
 - o For open ro-ro spaces, pump capacity shall serve both systems simultaneously (minimum two sections near weather deck openings plus one weather deck monitor).

CONARINA Head Office

6505 Blue Lagoon Dr. Suite 455

Miami, FL., 33126

Tel: 1 (786) 558 5288,

Fax: 1 (786) 325 0200,

bel@conarinagroup.com



For closed ro-ro and special category spaces, simultaneous operation is not required.

REFERENCE:

- MSC.555(108)

ATTACHMENTS: No.

Kindest Regards,
CONARINA Technical Office

CONARINA Head Office

6505 Blue Lagoon Dr. Suite 455
Miami, FL., 33126
Tel: 1 (786) 558 5288,
Fax: 1 (786) 325 0200,
joel@conarinagroup.com