



## **TECHNICAL CIRCULAR No. 880 of 4<sup>th</sup> July 2025**

To	All Surveyors/Auditors. All flags
Title	<b>Approval of Water Mist Lances</b>
Reference	SOLAS Regulation II-2/10.7.3

### **Draft Guidelines for the Design, Performance, Testing, and Approval of Water Mist Lances and Draft Amendments to SOLAS Regulation II-2/10.7.3**

#### **Draft Amendments to SOLAS Regulation II2/10.7.3 Concerning Water Mist Lances**

Amendments to the relevant section of SOLAS regulation II 2/10.7.3 were drafted providing for the carriage of at least one water mist lance, which is to be approved by the Administration in accordance with the draft guidelines.

The new requirements of paragraphs 7.3.1 and 7.3.2 shall apply to ships constructed on or after January 1, 2032. Ships constructed on or after 1 January 2016 and before 1 January 2032 shall comply with the previously applicable requirements of paragraphs 7.3.1 and 7.3.2.

**Draft Guidelines for The Design, Performance, Testing and Approval of Water Mist Lances**

In preparing the draft guidelines, the Sub-Committee agreed to a definition for a water mist lance, stating that it is a portable fire-fighting equipment, capable of penetrating a container and discharging a water mist or spray inside a container, when connected to the fire main. Additional requirements for the water mist lance include:

To be capable of being operated safely and rapidly by no more than two crew members, whilst wearing complete firefighting outfits as required in SOLAS regulation II-2/10.10. To enable activation of water mist at a safe distance from the containers so as not to require the operating crew member or other persons to be near the container when the container has been penetrated or when the water mist lance nozzle has been initially inserted. To be capable of deployment for additional container fires without the need for recharging or repair for minimum three container penetrations. To be capable of deploying water mist to a container at least three tiers above a safe platform, e.g., weather deck or lashing bridge.

The draft guidelines would be applicable to new ships constructed on or after 1 January 2032 only, and ships designed to carry containers on or above the weather deck, built on or after 2016 but before the introduction of these new provisions need only comply with the provisions introduced in 2016. Next steps:

#### **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](mailto:joel@conarinagroup.com)



The Sub-Committee instructed the Correspondence Group on Fire Protection to further consider the draft amendment to SOLAS regulation II-2/10.7.3 as well as the draft guidelines with a view to finalization at SSE 12 (2026).

REFERENCES:

- Draft Amendments to SOLAS Regulation II-2/10.7.3

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](mailto:joel@conarinagroup.com)