



TECHNICAL CIRCULAR No. 736 of 4th July 2022

To	All Surveyors/Auditors. All flags
Title	Penetration to watertight doors
Reference	SOLAS Regulation II-1/13

Penetrations in Watertight Divisions

The Sub-Committee considered a submittal soliciting the view of the Sub-Committee on the requirements of SOLAS regulation II-1/13 and II-1/13-1 with respect to the applicability of prototype testing of penetration watertightness after having undergone the standard fire test appropriate for the location where those penetrations are to be installed.

In opinions expressed within the Sub-Committee, it was generally agreed that any penetration used for the passage of heat sensitive piping systems through a watertight bulkhead on a *passenger ship* must be tested with the heat sensitive piping and approved for watertight integrity post fire.

It was also generally agreed that due to the considered flooding risk, SOLAS Regulation II-1/13 is only considered for heat sensitive piping systems and not intended to be applied to cable penetrations.

Next Steps: Having provided this feedback to the submitter, the Sub-Committee invited the submittal of a draft interpretation on the application of SOLAS regulations II-1/13 and II-1/13-1, to be submitted to SDC 9.

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REFERENCES:

- SOLAS Ch. II.

ATTACHMENTS: No

Kindest Regards,
CONARINA Technical Office

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