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**Title:** Alternative Design Methodology for the Fire Safety of Composite Superstructures

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**Authors:** Antoine Breuillard, Phillippe Corrigan

**Contact:** antoine.breuillard@bureauveritas.com

**Abstract:** This paper focuses on a risk assessment methodology developed to help define the design fire scenarios for ship structures including composites in the framework of IMO MSC/Circ. 1002. The methodology is applicable to any kind of composite material used for structural division in large composite designs.

**Keywords:** Fire, composite, alternative design, preliminary analysis, ship design, fire safety engineering, fire simulation, evacuation simulation