



TECHNICAL CIRCULAR No. 930 of 6th July 2026

To	All Surveyors/Auditors. All flags
Title	Ships using hydrogen as fuel
Reference	IGF Code

Interim guidelines for the safety of ships using hydrogen as fuel

MSC approved the *Interim guidelines for the safety of ships using hydrogen as fuel* which can be used to ensure the safe design, construction, and operation of ships using hydrogen as fuel, effective immediately. They apply to ships using liquefied and/or compressed hydrogen and are aligned with the IGF Code where applicable. The goal-based approach with functional requirements allows innovation and the use of diverse solutions to address the safety challenges unique to hydrogen's properties, reduce risks and ensure equivalent safety.

Key design principles and requirements of the interim guidelines include:

- Hazards associated with H2 and LH2 systems including vacuum systems are to be considered, as a minimum, during risk assessment.
- Consideration of the location and safety philosophy of hydrogen containment systems and associated fuel preparation areas.
- The use of gas dispersion, radiation and explosion analysis as part of the design concept, engineering and risk assessments processes, to inform design and mitigation measures for the design and operation of the ship.
- Functional requirements for containment systems, piping systems, bunkering systems fire safety, inerting and ventilation, control and monitoring systems, material considerations, testing, and operations.

REFERENCE:

- IGF Code

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