

Main Changes

NR529 GAS-FUELLED SHIPS

The main changes in Bureau Veritas in Rule Note NR529 *Gas-Fuelled Ships*, January 2026 edition with respect to the previous edition (January 2025) are as follows.

Rules history

January 2026 edition entry into force on January 1, 2026 Contents	Previous edition: January 2025 entry into force on January 1, 2025 Contents
NR529 – Gas-Fuelled Ships <small>[NR529.DT R08 January 2026]</small>	NR529 – Gas-Fuelled Ships <small>[NR529 DT R07 January 2025]</small>

Overview

General update of the document to return to a structure and numbering (Chapters and Sections) in line with our Rules. (see Chapter 1, Appendix 1 for correspondence with previous edition and correspondence with IMO IGF Code)

Chapter 1 – General

Section 1 – Application

Topic	Description	Reference
Documents to be submitted	Deletion of reference to the hull temperature monitoring system Add a new document (Programme of gas trials)	Ch 1, Sec 1, Tab 1

Section 2 – Risk assessment

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Risk assessment	Ch 1, Sec 2, [1.1.2]

Chapter 2 – Ship design, arrangement and structure

Section 1 – General requirements

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Clarification of the protective distance	Ch 2, Sec 1, [2.1.4] and [2.1.5]

Section 8 – Airlocks

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Update of an airlock requirement	Ch 2, Sec 8, [1.1.1]

Chapter 3 – Fuel containment system

Section 3 – Portable liquefied gas fuel tanks

Topic	Description	Reference
Portable fuel tanks	Supporting and fixing arrangements of portable fuel tanks	Ch 3, Sec 3, [1.1.4]

Section 5 – Pressure relief system

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Sizing of pressure relieving system	Ch 3, Sec 5, [3.1.1]

Section 7 – Maintaining of fuel storage condition

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Control of tank pressure and temperature	Ch 3, Sec 7, [1.1.1]

Chapter 4 – Materials

Section 1 – Metallic materials

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.524(106)	Addition of requirement for high manganese austenitic steel hot rolling and controlled cooling	Ch 4, Sec 1, Table 1

Chapter 5 – Machinery and piping

Section 1 – General pipe design

IACS Unified Requirements, Unified Interpretations and Recommendations

IACS Ref.	Rev.	Title / Description	Reference
UR M78	02	Modification on classes of vent pipes and bleed lines	Ch 5, Sec 1, Table 2

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Update on the calculation of the wall thickness	Ch 5, Sec 1, [3.1.1]

Other Changes

Topic	Description	Reference
Wall thickness	Clarification of the minimum wall thickness of heat exchanger and vaporizer tubes containing gas fuel	Ch 5, Sec 1, [3.1.3]

Section 2 – Fuel supply to consumers

IACS Unified Requirements, Unified Interpretations and Recommendations

IACS Ref.	Rev.	Title / Description	Reference
UI GF19	01	Interpretation of single common flanges on piping system for fuel transfer	Ch 5, Sec 2, [1.1.1] item c)

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Regulations on redundancy of fuel supply	Ch 5, Sec 2, [1.2.1]
MSC.551(108)	Regulations on safety functions of gas supply system	Ch 5, Sec 2, [1.3.10] and [1.3.11]
MSC.551(108)	Regulations for fuel supply to consumers in gas-safe machinery spaces	Ch 5, Sec 2, [3.1.1] item a)
MSC.551(108)	Regulations for the design of ventilated duct, outer pipe against inner pipe gas leakage	Ch 5, Sec 2, [4.1.3], [4.1.4] and [4.1.6]

Chapter 6 – Bunkering

Section 1 – General

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Regulations for manifold	Ch 6, Sec 1, [3.1.1], [3.1.2] and [3.1.3]

Other Changes

Topic	Description	Reference
Bunkering flange	Clarification on reducer, spoolpiece or other removable device intended to be fitted to the bunkering flange	Ch 6, Sec 1, [3.1.5]

Chapter 7 – Fire safety and electricity

Section 1 – Fire safety

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Regulations for dry chemical powder fire-extinguishing system	Ch 7, Sec 1, [5.1.4]

Section 2 – Explosion prevention

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Update of the hazardous classification of interbarrier spaces	Ch 7, Sec 1, [4.1.1] and [4.1.2]

Chapter 8 – Control and monitoring and safety system

Section 1 – General

IMO Requirements

IMO ref.	Title / Description	Reference
MSC.551(108)	Level indicators for liquefied gas fuel tanks	Ch 8, Sec 1, [3.1.3] item c)