

## Main Changes

### NR675 Ships Equipped with Smart Systems

The main changes in Bureau Veritas NR675 *Ships Equipped with Smart Systems*, July 2026 edition with respect to the previous edition (January 2024) are as follows.

#### Rules history

<p><b>July 2026 edition</b> entry into force on July 1, 2026</p> <p><b>Contents</b></p>	<p><b>Previous edition: January 2024</b> entry into force on January 1, 2024</p> <p><b>Contents</b></p>
<p><b>NR675 – Ships Equipped with Smart Systems</b> [NR675 DT R04 E July 2026]</p>	<p><b>NR675 – Additional Class Notation SMART</b> [NR675 DT R03 E January 2024]</p>

#### Section 1 – General Requirements

Topic	Description	Reference
Definitions	Adding definitions of ‘Company’ and ‘Company interface’, which replace the ODS & SDS defined in previous edition	Sec 1, [1.2.1]
Qualification of smart groups	Re-qualification of smart groups as follows: <ul style="list-style-type: none"> <li>Smart group 1: ‘computer-based system’, replacing ‘computer-based ship’</li> <li>Smart group 2: ‘connected system’, replacing ‘connected ship’</li> <li>Smart group 3: ‘augmented system’, replacing ‘augmented ship’</li> </ul>	Sec 1, [1.3.4]

#### Section 2 – Smart Groups

Topic	Description	Reference
Smart groups requirements	Creation of a new Section 2 defining the specific requirements related to the smart groups 1, 2 and 3. These requirements are removed from the Sections covering the different smart functions	Sec 2
Structure and hierarchy of smart groups	Introduction of an incremental logic from smart group 1 up to smart group 3	Sec 2, [1.1.1]
Requirements for smart group 2	Update of the requirements for smart group 2: new requirements for connected systems are introduced and requirements related to the following pre-requisite notations are withdrawn: <ul style="list-style-type: none"> <li>Cybersecurity related notations</li> <li>Data infrastructure related notations</li> <li>Ship shore communication related notations.</li> </ul>	Sec 2, [2.2]
Application of smart group 3	Update of the application of smart group 3 to smart functions implemented in smart systems installed on board and provided with a company interface.	Sec 2, [2.3.2]

#### Section 4 – Machinery Smart Functions

Topic	Description	Reference
Pre-requisite notations for <b>SMART(Mx)</b>	Withdrawal of notation <b>MON-SHAFT</b> from the pre-requisite notations for the assignment of <b>SMART(Mx)</b>	Sec 4, [2.1.1]