

# Main Changes

## NR483 Rules for the Classification of Naval Ships

The main changes in Bureau Veritas *Rules for the Classification of Naval Ships*, December 2025 edition with respect to the previous edition (November 2024) are as follows.

### Rules history

December 2025 edition entry into force on December 1, 2025	Previous edition: November 2024 entry into force on November 1, 2024
Contents	Contents
<b>Part A - Classification and Surveys</b> [NR483 A DT R07 December 2025]	<b>Part A - Classification and Surveys</b> [NR483 A DT R06 November 2024]
<b>Part B - Hull and Stability</b> [NR483 B DT R07 December 2025]	<b>Part B - Hull and Stability</b> [NR483 B DT R06 November 2024]
<b>Part C - Machinery, Systems and Fire Protection</b> [NR483 C DT R07 December 2025]	<b>Part C - Machinery, Systems and Fire Protection</b> [NR483 C DT R06 November 2024]
<b>Part D - Service Notations</b> [NR483 D DT R07 December 2025]	<b>Part D - Service Notations</b> [NR483 D DT R06 November 2024]
<b>Part E - Additional Class Notations</b> [NR483 E DT R07 December 2025]	<b>Part E - Additional Class Notations</b> [NR483 E DT R06 November 2024]

## Part A – Classification and Surveys

### Additional Service Features

Topic	Description	Reference
<b>CBM</b>	New additional service feature <b>CBM</b> for the application of Condition Based Maintenance schemes.	Ch 1, Sec 2, [4.11] Ch 2, Sec 2, [5.4] Ch 2, App 4

### Chapter 1 – Principles of Classification and Class Notations

Topic	Description	Reference
Classification Notations	Clarification of main class symbols, their assignment and related terminology	Ch 1, Sec 2, [2.1.2]
Construction marks	Clarification of the principles for assignment of the machinery construction mark in the case of a ship with nuclear propulsion	Ch 1, Sec 2, [3.2.1]

### Chapter 3 – Scope of Surveys (All Ships)

Topic	Description	Reference
Battery System	Update following NR467 for ESS and improvements for loose batteries storage and charging	Ch 3, Sec 1, [3.3] Ch 3, Sec 1, [3.4.5] Ch 3, Sec 3, [4.6] Ch 3, Sec 3, [4.8.6]

## Part B – Hull and Stability

### Chapter 2 – General Arrangement Design

Topic	Description	Reference
Cofferdams	Clarification of requirements for arrangement of cofferdams separating tanks containing low flashpoint fuels	Ch 2, Sec 2, [2.2.3]

### Chapter 4 – Structure Design Principles

Topic	Description	Reference
Materials and welding	Update of steel plates thickness limit	Ch 4, Sec 1, Tab 1
Materials	Update of requirements for use of forged and cast steels in accordance with NR216	Ch 4, Sec 1, [3.2] and [3.3]

### Chapter 8 – Other Structures

Topic	Description	Reference
Small hatch covers	Update of requirements for the minimum thickness of the plating of small hatch covers.	Ch 8, Sec 8, [5.10] and [5.11] Ch 8, Sec 8, [6.2.3] Ch 8, Sec 8, [10.1.1]
Helicopter decks	Clarification of the requirement limiting the height of obstacles in order to account for deck sheer and camber	Ch 8, Sec 11, [3.3.1]

### Chapter 9 – Hull Outfitting

#### IACS Unified Requirements, Unified Interpretations & Recommendations

IACS Ref.	Rev.	Title / Description	Reference
UR M25	5	Astern power for main propulsion	Ch 9, Sec 1

#### Other Changes

Topic	Description	Reference
Equipment	Clarification of requirements for high holding power and very high holding power anchors	Ch 9, Sec 4, [3.1.3] Ch 9, Sec 4, [3.1.6] Ch 9, Sec 4, [3.1.7]

## Part C – Machinery, Systems and Fire Protection

### Chapter 1 – Machinery

#### IACS Unified Requirements, Unified Interpretations & Recommendations

IACS Ref.	Rev.	Title / Description	Reference
UR M25	5	Astern power for main propulsion	Ch 1, Sec 1, [2.7.1] Ch 1, Sec 4, [2.2] Ch 1, Sec 5, [2.4] Ch 1, Sec 12, [1.3.9] Ch 1, Sec 16, [3.2.2] Ch 1, Sec 16, [3.4]

IACS Ref.	Rev.	Title / Description	Reference
UR M10	5	Protection of internal combustion engines against crankcase explosions	Ch 1, Sec 2, [2.3.2] and [2.3.3] Ch 1, Sec 2, [2.3.6] a)
UR P2.2	5	Classes of pipes	Ch 1, Sec 10, Tab 3
UR P2.7.4	11	Mechanical joints	Ch 1, Sec 10, Tab 16 and Tab 17
UR P2.11	5	Type approval of mechanical joints	Ch 1, Sec 10, [2.4.5] item a) and b)
UR M83	0	Testing of the control system of controllable pitch propellers intended for main propulsion	Ch 1, Sec 16, [3.8.5]
UR P2.9	3	Pressure tests of piping after assembly on board	Ch 1, Sec 16, [3.9.3]

## Other Changes

Topic	Description	Reference
Protection of ammunition spaces	Update of requirements for fire protection of ammunition spaces	Ch 1, Sec 10, [9.1.9]
Refrigerating installations	Update on allowed refrigerants	Ch 1, Sec 14, [2.1.3] Ch 1, Sec 14, [2.2.1] and [2.2.2]

## Chapter 2 – Electrical Installations

### IACS Unified Requirements, Unified Interpretations & Recommendations

IACS Ref.	Rev.	Title / Description	Reference
UR E21	2	Requirements for uninterruptible power system (UPS) units	Ch 2, Sec 6, [2.1], [2.2], [2.3] and [2.4] Ch 2, Sec 6, [3.3.2]

## Other Changes

Topic	Description	Reference
Standards and references	Clarified reference standards to be applied, including IEC standards.	Ch 2, Sec 1, [1.2.2]
Battery system	Update following NR467 for ESS and improvements for loose batteries storage and charging	Ch 2, Sec 3, [7.11.1] Ch 2, Sec 3, [10.1], [10.2], [10.3], [10.5] and [10.6] Ch 2, Sec 7 Ch 2, Sec 10, [5.1] Ch 2, Sec 11, [6] Ch 2, Sec 12, [5] Ch 2, Sec 15, [5]
Rotating machines	Update of testing requirements for rotating machines	Ch 2, Sec 4, [5]
Transformers	Updated of requirements for tests to be carried out on transformers	Ch 2, Sec 5, Tab 2
Modification of switchgear and controlgear assemblies design	Modification of switchgear and controlgear assemblies design	Ch 2, Sec 8, [1.2] Ch 2, Sec 8, [3]
High voltage installations	Update of requirements for switchgear and controlgear assemblies	Ch 2, Sec 13, [6]
Synchronous machines	New appendix for indirect test method for synchronous machines	Ch 2, App 1
Induction machines	New appendix for indirect test method for induction machines (static torque method)	Ch 2, App 2

## Chapter 4 – Fire Protection, Detection and Extinction

### IACS Unified Requirements, Unified Interpretations & Recommendations

IACS Ref.	Rev.	Title / Description	Reference
UI SC 277	1	Update of the "safe position" definition	Ch 4, Sec 8, [2.4.1]

### Other Changes

Topic	Description	Reference
New fire fighting equipment for navy	Foam making arrangements	Ch 4, Sec 1, [2.20] Ch 4, Sec 6, [4.2.2] c)
Battery system	Update following NR467 for ESS and improvements for loose batteries storage and charging	Ch 4, Sec 3 Ch 4, Sec 5, [6.8.3] Ch 4, Sec 5, [6.8.8] Ch 4, Sec 6 Ch 4, Sec 13, [6]
Ammunition spaces	Alternative methodology for the ventilation of ammunition space	Ch 4, Sec 5, [6.4.6] Ch 4, Sec 5, [6.8.1]
Sizing of system components	Update of requirements for sizing of fire extinguishing system components	Ch 4, Sec 6, [1.2.3] Ch 4, Sec 6, [1.3.3]
Fire safety	Various updates related to fire safety	Ch 4, Sec 6, [3.3]
Protection of ammunition spaces	Update of requirements for fire protection of ammunition spaces	Ch 4, Sec 6, [6.1]
Evacuation	Full update of evacuation requirements for aircraft carriers: - Protection of evacuation paths - Muster stations - Arrangement of means of escape	Ch 4, Sec 8, [4.6.1]
Fire-fighting	Amendements to requirements for the transportation of aviation fuels (high FP and low FP)	Ch 4, Sec 10, [3.1]

## Part D – Service Notations

### Chapter 2 – Aircraft Carrier

Topic	Description	Reference
EV and battery storage/charging	Update on the requirements for the transportation and charging of EV and li-ion batteries.	Ch 2, Sec 5, Tab 3 and Tab 4
Evacuation	Full update of evacuation requirements for aircraft carriers: - Protection of evacuation paths - Muster stations - Arrangement of means of escape	Ch 2, Sec 5, [6.1.2] Ch 2, Sec 5, [6.2.1], item c) and e) Ch 2, Sec 5, [6.2.2] Ch 2, Sec 5, [6.2.4] Ch 2, Sec 5, [6.2.5], item b) Ch 2, Sec 5, [6.2.12]

## Chapter 4 – Auxiliary Naval Vessel

### IACS Unified Requirements, Unified Interpretations & Recommendations

IACS Ref.	Rev.	Title / Description	Reference
UR F15	7	Reinforced thickness of ballast and cargo oil piping	Ch 4, Sec 1, [1.2] Ch 4, Sec 4, [3.1.3] Ch 4, Sec 4, [3.3]

### Other Changes

Topic	Description	Reference
EV and battery storage/charging	Update on the requirements for the transportation and charging of EV and li-ion batteries.	Ch 4, Sec 6, Tab 2 and Tab 3 Ch 4, Sec 6, [4.1.1]

## Chapter 5 – Amphibious Vessel

Topic	Description	Reference
EV and battery storage/charging	Update on the requirements for the transportation and charging of EV and li-ion batteries.	Ch 5, Sec 6, Tab 1 and Tab 2

## Part E – Additional Class Notations

### Existing additional class notations

Topic	Description	Reference
<b>CLEANSHIP</b> <b>CLEANSHIP SUPER</b>	Update of <b>CLEANSHIP</b> , <b>CLEANSHIP SUPER</b> and other environmental protection additional class notations, including guidelines for the control and management of ships' biofouling to minimize the transfer of invasive aquatic species in MEPC.378(80)	Chapter 7
<b>FIRE(S)</b>	Update of <b>FIRE(S)</b> to adapt to actual practices	Ch 10, Sec 3, [4.1.2] Ch 10, Sec 3, [4.2.2]
<b>FIRE(T)</b>	Clarification of the scope of multilayer tests and involvement of the Naval Authority	Ch 10, Sec 3, [3.2.1] Ch 10, Sec 3, Tab 1
<b>MANOVR</b>	Alignment of wave and wind conditions for conduct of manoeuvrability trials with MSC/Circ.1053 and clarification of allowable loading conditions.	Ch 9, Sec 1, [3.2.3] and [3.2.4]
<b>REF</b>	Update of allowed and forbidden refrigerants	Ch 11, Sec 3, [6.2]
<b>SEA-KEEP</b>	Clarification of requirements for assessment of sea-keeping performance	Ch 9, Sec 3, [1.3] Ch 9, Sec 3, Tab 15 and Tab 16