

Type of newsletter: **CLASS NEWSLETTER, Rules for the classification of ships, edition July 2025**  
Number: **07.07.2025, revision 0**

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**APPLICATION:**

Type of ships: **Vessels subject to CRS class requirements**

Flag(s): -

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## Release of the Rules for the classification of ships, edition July 2025

CRS is pleased to announce the release of the July 2025 edition of the Rules for the classification of ships which can be downloaded from the following address:

<http://www.crs.hr/rules-imo-and-eu-regulations/crs-rules-and-standards/rules-for-the-classification-of-ships>

CRS Rules are continually revised and updated in order to timely include internationally accepted standards (IACS Procedural requirements (PRs), Unified requirements (URs), Unified interpretations (UIs), IMO, ILO, EU, Flag state requirements, etc.) related to the safety of human life at sea and protection of the sea environment, as far as they concern classification.

CRS publishes and systematically maintains its rules related to design, construction, and maintenance of various types of vessels and their associated essential engineering systems related to:

- Structural strength, and where necessary watertight integrity of all essential parts of the hull and its appendages.
- Safety and reliability of the propulsion and steering system and those features and auxiliary systems for establishing and maintaining basic conditions on board.
- Stability.
- Subdivision
- Fire protection.
- Refrigerating plant.

A full list of CRS Rules in force from 1st July 2025 is attached.

An outline of amendments CRS Rules in force from 1st July 2025 is attached.

**RULES OF CROATIAN REGISTER OF SHIPPING, July 2025**  
**PRAVILA HRVATSKOG REGISTRA BRODOVA, srpanj 2025.**

**RULES FOR THE CLASSIFICATION OF SHIPS**  
**PRAVILA ZA KLASIFIKACIJU BRODOVA**

*Edition - Izdanje*

<b>PART 1</b>	<b><u>GENERAL REQUIREMENTS</u></b> OPĆI PROPISI	<b>January 2025</b>
Chapter 1	<u>General information</u> Općenito	<b>January 2025</b>
Chapter 2	<u>Survey during construction and initial survey</u> Nadzor nad gradnjom i osnovni pregled	<b>January 2025</b>
Chapter 3	<u>Type approval of products</u> Tipno odobrenje proizvoda	<b>January 2025</b>
Chapter 4	<u>Approval of manufacturers and service suppliers</u> Odobrenje proizvođača i uslužnih tvrtki	<b>January 2025</b>
Chapter 5	<u>Surveys of ships in service</u> Pregledi postojećih brodova <u>Surveys of ships in service - Corrigenda</u> Pregledi postojećih brodova - Ispravak	<b>January 2025</b> <b>July 2025 - new</b>
Chapter 6	<u>Requirements for additional class notations</u> Zahtjevi za dodatne oznake klase	<b>January 2025</b>
<b>PART 2</b>	<b><u>HULL</u></b> TRUP	<b>January 2024</b>
	<u>HULL - Amendments No. 1</u> TRUP - Izmjene i dopune broj 1	<b>July 2024</b>
	<u>HULL - Amendments No. 2</u> TRUP - Izmjene i dopune broj 2	<b>January 2025</b>
<b>PART 3</b>	<b><u>HULL EQUIPMENT</u></b> OPREMA TRUPA	<b>July 2025 - new</b>
<b>PART 4</b>	<b><u>STABILITY</u></b> STABILITET	<b>July 2023</b>
	<u>STABILITY - Amendments No. 1</u> STABILITET – Izmjene i dopune broj 1	<b>January 2024</b>
	<u>STABILITY - Amendments No. 2</u> STABILITET – Izmjene i dopune broj 2	<b>July 2024</b>
	<u>STABILITY - Amendments No. 3</u> STABILITET – Izmjene i dopune broj 3	<b>July 2025 - new</b>
<b>PART 5</b>	<b><u>SUBDIVISION</u></b> PREGRAĐIVANJE	<b>January 2025</b>
<b>PART 7</b>	<b><u>MACHINERY INSTALLATION</u></b> STROJNI UREĐAJ	<b>January 2020</b>
	<u>MACHINERY INSTALLATION - Amendments No. 1</u> STROJNI UREĐAJ - Izmjene i dopune broj 1	<b>January 2021</b>
	<u>MACHINERY INSTALLATION - Amendments No. 2</u> STROJNI UREĐAJ - Izmjene i dopune broj 2	<b>July 2022</b>
	<u>MACHINERY INSTALLATION - Amendments No. 3</u> STROJNI UREĐAJ - Izmjene i dopune broj 3	<b>July 2024</b>
	<u>MACHINERY INSTALLATION - Amendments No. 4</u> STROJNI UREĐAJ - Izmjene i dopune broj 4	<b>January 2025</b>
<b>PART 8</b>	<b><u>PIPING</u></b> CJEVOVODI	<b>January 2025</b>
	<u>PIPING – Amendments No. 1</u> CJEVOVODI – Izmjene i dopune broj 1	<b>July 2025 - new</b>

**RULES FOR THE CLASSIFICATION OF SHIPS**  
**PRAVILA ZA KLASIFIKACIJU BRODOVA**

*Edition - Izdanje*

<b>PART 9</b>	<b><u>MACHINES</u></b> STROJEVI <a href="#"><u>MACHINES – Amendments No. 1</u></a> STROJEVI – Izmjene i dopune broj 1	January 2025  July 2025 - new
<b>PART 10</b>	<b><u>BOILERS, HEAT EXCHANGERS AND PRESSURE VESSELS</u></b> KOTLOVI, IZMJENJIVAČI TOPLINE I POSUDE POD TLAKOM <a href="#"><u>BOILERS, HEAT EXCHANGERS AND PRESSURE VESSELS - Amendments No. 1</u></a> KOTLOVI, IZMJENJIVAČI TOPLINE I POSUDE POD TLAKOM - Izmjene i dopune broj 1	July 2009  July 2016
<b>PART 11</b>	<b><u>REFRIGERATING PLANT</u></b> RASHLADNI UREĐAJ	July 2009
<b>PART 12</b>	<b><u>ELECTRICAL EQUIPMENT</u></b> ELEKTRIČNA OPREMA <a href="#"><u>ELECTRICAL EQUIPMENT – Amendments No. 1</u></a> ELEKTRIČNA OPREMA – Izmjene i dopune broj 1 <a href="#"><u>ELECTRICAL EQUIPMENT – Amendments No. 2</u></a> ELEKTRIČNA OPREMA – Izmjene i dopune broj 2 <a href="#"><u>ELECTRICAL EQUIPMENT – Amendments No. 3</u></a> ELEKTRIČNA OPREMA – Izmjene i dopune broj 3	July 2023  January 2024  July 2024  July 2025 - new
<b>PART 13</b>	<b><u>AUTOMATION</u></b> AUTOMATIZACIJA <a href="#"><u>AUTOMATION – Amendments No. 1</u></a> AUTOMATIZACIJA – Izmjene i dopune broj 1	January 2020  January 2025
<b>PART 17</b>	<b><u>FIRE PROTECTION</u></b> PROTUPOŽARNA ZAŠTITA <a href="#"><u>FIRE PROTECTION – Amendments No. 1</u></a> PROTUPOŽARNA ZAŠTITA – Izmjene i dopune broj 1 <a href="#"><u>FIRE PROTECTION – Amendments No. 2</u></a> PROTUPOŽARNA ZAŠTITA – Izmjene i dopune broj 2	July 2024  January 2025  July 2025 - new
<b>PART 24</b>	<b><u>NON-METALLIC MATERIALS</u></b> NEMETALNI MATERIJALI <a href="#"><u>NON-METALLIC MATERIALS - Corrigenda</u></a> NEMETALNI MATERIJALI - Ispravak	July 2017  July 2022
<b>PART 25</b>	<b><u>METALLIC MATERIALS</u></b> METALNI MATERIJALI <a href="#"><u>METALLIC MATERIALS – Amendments No. 1</u></a> METALNI MATERIJALI – Izmjene i dopune broj 1	January 2025  July 2025 - new
<b>PART 26</b>	<b><u>WELDING</u></b> ZAVARIVANJE	January 2025
<b>PART 27</b>	<b><u>CHEMICAL TANKERS</u></b> TANKERI ZA KEMIKALIJE <a href="#"><u>CHEMICAL TANKERS - Corrigenda</u></a> TANKERI ZA KEMIKALIJE - Ispravak <a href="#"><u>CHEMICAL TANKERS - Amendments No. 1</u></a> TANKERI ZA KEMIKALIJE - Izmjene i dopune broj 1 <a href="#"><u>CHEMICAL TANKERS - Amendments No. 2</u></a> TANKERI ZA KEMIKALIJE - Izmjene i dopune broj 2	January 2021  July 2022  January 2023  July 2024
<b>PART 28</b>	<b><u>HIGH-SPEED CRAFT</u></b> BRZI BRODOVI <a href="#"><u>HIGH-SPEED CRAFT - Amendments No. 1</u></a> BRZI BRODOVI - Izmjene i dopune broj 1 <a href="#"><u>HIGH-SPEED CRAFT - Amendments No. 2</u></a> BRZI BRODOVI - Izmjene i dopune broj 2 <a href="#"><u>HIGH-SPEED CRAFT - Amendments No. 3</u></a> BRZI BRODOVI - Izmjene i dopune broj 3 <a href="#"><u>HIGH-SPEED CRAFT - Amendments No. 4</u></a> BRZI BRODOVI - Izmjene i dopune broj 4	January 2020  July 2022  January 2023  January 2024  January 2025

**RULES FOR THE CLASSIFICATION OF SHIPS**  
**PRAVILA ZA KLASIFIKACIJU BRODOVA**

*Edition - Izdanje*

<b>PART 29</b>	<a href="#"><u><b>POLAR CLASS SHIPS AND ICE CLASS SHIPS</b></u></a> BRODOVI S POLARNOM KLASOM I BRODOVI S KLASOM ZA LED	January 2019
	<a href="#"><u><i>POLAR CLASS SHIPS AND ICE CLASS SHIPS - Amendments No. 1</i></u></a> BRODOVI S POLARNOM KLASOM I BRODOVI S KLASOM ZA LED - Izmjene i dopune broj 1	January 2021
	<a href="#"><u><i>POLAR CLASS SHIPS AND ICE CLASS SHIPS - Amendments No. 2</i></u></a> BRODOVI S POLARNOM KLASOM I BRODOVI S KLASOM ZA LED - Izmjene i dopune broj 2	January 2022
	<a href="#"><u><i>POLAR CLASS SHIPS AND ICE CLASS SHIPS - Amendments No. 3</i></u></a> BRODOVI S POLARNOM KLASOM I BRODOVI S KLASOM ZA LED - Izmjene i dopune broj 3	July 2024
	<a href="#"><u><i>POLAR CLASS SHIPS AND ICE CLASS SHIPS - Corrigenda</i></u></a> BRODOVI S POLARNOM KLASOM I BRODOVI S KLASOM ZA LED - Ispravak	July 2025 - new
<b>PART 33</b>	<a href="#"><u><b>SHIPS USING GASES OR OTHER LOW-FLASHING FUEL</b></u></a> BRODOVI KOJI UPOTREBLJAVAJU PLINOVITA GORIVA ILI DRUGE VRSTE GORIVA NISKE TOČKE PLAMIŠTA	January 2025
	<a href="#"><u><i>SHIPS USING GASES OR OTHER LOW-FLASHING FUEL – Amendments No. 1</i></u></a> BRODOVI KOJI UPOTREBLJAVAJU PLINOVITA GORIVA ILI DRUGE VRSTE GORIVA NISKE TOČKE PLAMIŠTA – Izmjene i dopune broj 1	July 2025 - new
<b>PART 34</b>	<a href="#"><u><b>RULES FOR THE CLASSIFICATION OF VESSELS OF LESS THAN 24 METERS IN LENGTH</b></u></a> PRAVILA ZA KLASIFIKACIJU PLOVILA DULJINE MANJE OD 24 METRA	July 2021
<b>PART 35</b>	<a href="#"><u><b>YACHTS</b></u></a> JAHTE	January 2022
	<a href="#"><u><b>COMMON STRUCTURAL RULES FOR BULK CARRIERS AND OIL TANKERS, January 2024 edition</b></u></a>	July 2024
	<a href="#"><u><b>COMMON STRUCTURAL RULES FOR BULK CARRIERS AND OIL TANKERS, January 2024 edition Corrigenda No. 1</b></u></a>	July 2024

**RULES FOR TECHNICAL SUPERVISION OF SEA-GOING SHIPS**  
**PRAVILA ZA TEHNIČKI NADZOR POMORSKIH BRODOVA**

*Edition - Izdanje*

<b>PART 19</b>	<a href="#"><u><b>CARGO HANDLING GEAR AND LIFTING APPLIANCES</b></u></a> UREĐAJ ZA RUKOVANJE TERETOM I NAPRAVE ZA DIZANJE	January 2011
<b>PART 20</b>	<a href="#"><u><b>PROTECTION AT WORK AND CREW ACCOMMODATION</b></u></a> ZAŠTITA PRI RADU I SMJEŠTAJ POSADE	January 2015
	<a href="#"><u><i>PROTECTION AT WORK AND CREW ACCOMMODATION - Amendments No. 1</i></u></a> ZAŠTITA PRI RADU I SMJEŠTAJ POSADE - Izmjene i dopune broj 1	January 2023
<b>PART 22</b>	<a href="#"><u><b>POLLUTION PREVENTION</b></u></a> SPRJEČAVANJE ONEČIŠĆENJA	July 2025 - new
<b>PART 29</b>	<a href="#"><u><b>POLAR CLASS SHIPS AND ICE CLASS SHIPS</b></u></a> BRODOVI S POLARNOM KLASOM I BRODOVI S KLASOM ZA LED	January 2018
<b>PART 32</b>	<a href="#"><u><b>SHIP RECYCLING</b></u></a> RECIKLIRANJE BRODOVA	October 2018
	<a href="#"><u><i>SHIP RECYCLING - Amendments No. 1</i></u></a> RECIKLIRANJE BRODOVA - Izmjene i dopune broj 1	January 2023
	<a href="#"><u><i>SHIP RECYCLING - Amendments No. 2</i></u></a> RECIKLIRANJE BRODOVA - Izmjene i dopune broj 2	January 2024
	<a href="#"><u><b>PRAVILA ZA STATUTARNU CERTIFIKACIJU RIBARSKIH BRODOVA *)</b></u></a>	srpanj 2012.

**TECHNICAL GUIDELINES**  
**TEHNIČKE SMJERNICE**

*Edition - Izdanje*

**GUIDELINES FOR THE CLASSIFICATION OF FLOATING DOCKS**  
**SMJERNICE ZA KLASIFIKACIJU PLUTAJUĆIH DOKOVA**

**November 2021**

**POTVRĐIVANJE SUSTAVA UPRAVLJANJA KVALITETOM**

*Edition - Izdanje*

**POTVRĐIVANJE SUSTAVA UPRAVLJANJA KVALITETOM** \*)

**srpanj 2012.**

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\*) Dostupno samo na hrvatskom jeziku – *Available only in Croatian*

## RULES UPDATING - DESCRIPTION OF MAIN CHANGES

### RULES FOR THE CLASSIFICATION OF SHIPS Part 3 – HULL EQUIPMENT

#### Rules to be updated

Rules for the classification of ships, Part 3 – Hull Equipment

#### Type of amendments

Rules to be published as consolidated edition

#### Foreseen Date of coming into force of the Rules

1 July 2025

#### Basis for Rules update (technical background)

[IACS UR C6 \(May 2024\) - Requirements for Lashing Software](#) – rules have been updated with the requirements deriving from newly published UR C6

[IACS UR C7 \(May 2024\) - Approval and Certification of Container Securing Systems](#) – rules have been updated with the requirements deriving from newly published UR C7

[IACS UI SC156 \(Rev. 3, July 2024\) - Doors in watertight bulkheads of cargo ships and passenger ships](#) - existing rules requirements have been updated with this revision of UI SC156

[IACS UI SC190 \(Rev. 2, Nov. 2024\) - Application of SOLAS Regulation II-1/3-6 \(Res MSC.134\(76\)\) and Technical Provisions on Permanent Means of Access \(Res MSC.133\(76\)\)](#) - existing rules requirements have been updated with this revision of UI SC190

[IACS UI SC191 \(Rev. 9, Nov. 2024\) – Application of amended SOLAS regulation II1/3-6 \(resolution MSC.151\(78\)\) and revised Technical provisions for means of access for inspections \(resolution MSC.158\(78\)\)](#) - existing rules requirements have been updated with this revision of UI SC191

[IACS Rec. 90 \(Rev. 2, Nov. 2024\) - Ship Structure Access Manual](#) - existing rules requirements have been updated with this revision of Rec. 90

[IMO MSC.1/Circ.1362/Rev.2 - UNIFIED INTERPRETATION OF SOLAS CHAPTER II-1](#) – reference included in the rules

[IMO MSC.1/Circ.1353/Rev.2 - REVISED GUIDELINES FOR THE PREPARATION OF THE CARGO SECURING MANUAL](#) - reference included in the rules

#### Specific Application Requirements

The requirements of UR C6 are to be implemented on container ships contracted for construction on or after 1 July 2025

The requirements of UR C7 are to be implemented on container ships contracted for construction on or after 1 July 2025

## **RULES UPDATING - DESCRIPTION OF MAIN CHANGES**

### **RULES FOR THE CLASSIFICATION OF SHIPS** Part 4 - STABILITY

**Rules to be updated**

Rules for the classification of ships, Part 4 - Stability

**Type of amendments**

Rules to be published as Amendments No. 3 to July 2023 edition

**Foreseen Date of coming into force of the Rules**

1 July 2025

**Basis for Rules update (technical background)**

[IMO MSC.1/Circ.1537/Rev.2 - UNIFIED INTERPRETATIONS OF THE 2008 IS CODE](#) – reference included in the rules

[IMO MSC.1/Circ.1362/Rev.2 - UNIFIED INTERPRETATION OF SOLAS CHAPTER II-1](#) – reference included in the rules

**Specific Application Requirements**

None

## **RULES UPDATING - DESCRIPTION OF MAIN CHANGES**

### **RULES FOR THE CLASSIFICATION OF SHIPS** Part 8 – PIPING

**Rules to be updated**

Rules for the classification of ships, Part 8 – Piping

**Type of amendments**

Rules to be published as Amendments No. 1 to January 2025 edition

**Foreseen Date of coming into force of the Rules**

1 July 2025

**Basis for Rules update (technical background)**

[IACS UR M61 \(Rev. 3, Feb. 2024\) - Starting Arrangements of Internal Combustion Engines](#) - existing rules requirements have been updated with this revision of UR M61

[IACS UR M84 \(Feb. 2024\) - Starting Arrangements of Internal Combustion Engines](#) – rules have been updated with the requirements deriving from newly published UR M84

**Specific Application Requirements**

Rev. 3 of IACS UR M61 is to be implemented on ships contracted for construction on or after 1 July 2025.

The requirements of IACS UR M84 are to be implemented on ships contracted for construction on or after 1 July 2025.

## **RULES UPDATING - DESCRIPTION OF MAIN CHANGES**

### **RULES FOR THE CLASSIFICATION OF SHIPS** Part 9 - MACHINES

#### **Rules to be updated**

Rules for the classification of ships, Part 9 - Machines

#### **Type of amendments**

Rules to be published as Amendments No. 1 to January 2025 edition

#### **Foreseen Date of coming into force of the Rules**

1 July 2025

#### **Basis for Rules update (technical background)**

[IACS UR M61 \(Rev. 3, Feb. 2024\) - Starting Arrangements of Internal Combustion Engines](#) - existing rules requirements have been updated with this revision of UR M61

[IACS UR M84 \(Feb. 2024\) - Starting Arrangements of Internal Combustion Engines](#) – rules have been updated with the requirements deriving from newly published UR M84

[IACS Recommendation 185 - Guidelines on Main Propulsion Shafting Alignment](#) – rules have been updated with the requirements deriving from newly published Rec. 185

#### **Specific Application Requirements**

Rev. 3 of IACS UR M61 is to be implemented on ships contracted for construction on or after 1 July 2025.

The requirements of IACS UR M84 are to be implemented on ships contracted for construction on or after 1 July 2025.

## RULES UPDATING - DESCRIPTION OF MAIN CHANGES

### RULES FOR THE CLASSIFICATION OF SHIPS Part 12 – ELECTRICAL EQUIPMENT

#### Rules to be updated

Rules for the classification of ships, Part 12 – Electrical equipment

#### Type of amendments

Rules to be published as Amendments No. 3 to July 2023 edition

#### Foreseen Date of coming into force of the Rules

1 July 2025

#### Basis for Rules update (technical background)

[IACS UR E21 \(Rev. 2, Feb. 2024\) - Requirements for uninterruptible power system \(UPS\) units as alternative and/or transitional power](#) – existing rules requirements have been updated with this revision of UR E21

[IACS Recommendation No. 182 \(Dec. 2024\) – Onshore Power Supply](#) – rules have been updated with the requirements deriving from newly published Rec. 182

Requirements of IACS UI SC 4 – Emergency source of electrical power have been deleted

Requirements of IACS UI SC 5 – Emergency source of electrical power in passenger ships have been deleted

#### Specific Application Requirements

Rev. 2 of IACS UR E1 is to be implemented:

- i) when an application for certification of UPS is dated on or after 1 July 2025; or
- ii) which are installed in new ships contracted for construction on or after 1 July 2025.

## RULES UPDATING - DESCRIPTION OF MAIN CHANGES

### RULES FOR THE CLASSIFICATION OF SHIPS Part 17 – FIRE PROTECTION

#### Rules to be updated

Rules for the classification of ships, Part 17 – Fire protection

#### Type of amendments

Rules to be published as Amendments No. 2 to July 2024 edition

#### Foreseen Date of coming into force of the Rules

1 July 2025

#### Basis for Rules update (technical background)

[IACS UI SC276 \(Rev. 1, May 2024\) - Escape from machinery spaces on passenger ships SOLAS Chapter II-2, Regulation 13.4.1](#) - existing rules requirements have been updated with this revision of UI SC276

[IACS UI SC277 \(Rev. 1, May 2024\) - Escape from machinery spaces on cargo ships SOLAS Chapter II-2, Regulation 13.4.2](#) - existing rules requirements have been updated with this revision of UI SC277

[IACS UI SC301 \(Rev. 1, May 2024\) - SOLAS Regulations II-2/9.7.2 and 9.7.5.1 – Separation of ducts from spaces](#) - existing rules requirements have been updated with this revision of UI SC301

[IACS UI SC302 \(Rev. 1, May 2024\) - Interpretation of SOLAS Regulation II-2/11.4.1 Pertaining to Crowns of Machinery Spaces of Category](#) - existing rules requirements have been updated with this revision of UI SC302

Requirements of IACS UI SC 89 – Ventilation of cargo spaces have been deleted

Requirements of IACS UR F 43 – Fire testing of flexible hoses have been deleted

#### Specific Application Requirements

Rev. 1 of UI SC276 shall be implemented on ships contracted for construction on or after 1 July 2025.

Rev. 1 of UI SC277 shall be implemented on ships contracted for construction on or after 1 July 2025.

Rev. 1 of UI SC301 shall be implemented on ships contracted for construction on or after 1 July 2025.

Rev. 1 of UI SC302 shall be implemented on ships contracted for construction on or after 1 July 2025.

## RULES UPDATING - DESCRIPTION OF MAIN CHANGES

### RULES FOR THE CLASSIFICATION OF SHIPS Part 25 – METALLIC MATERIALS

#### Rules to be updated

Rules for the classification of ships, Part 25 – Metallic materials

#### Type of amendments

Rules to be published as Amendments No. 1 to January 2025 edition

#### Foreseen Date of coming into force of the Rules

1 July 2025

#### Basis for Rules update (technical background)

[IACS Rec. 186 \(Mar. 2025\) - Additively Manufactured Metallic Parts for Marine and Offshore Applications](#)

This IACS Recommendation establishes a framework for the qualification, approval, and certification of additively manufactured metallic parts. This recommendation provides detailed guidance for key aspects of the AM process, including part design, feedstock selection, AM processes, post-processing, and inspection/testing. By incorporating recognized international standards such as ISO/ASTM 52900 and AWS D20.1, it aligns AM technology with existing Unified Requirements, particularly UR W for materials and welding, ensuring equivalent reliability and safety.

To facilitate the safe and effective adoption of AM in the marine sector, the recommendation outlines the following key areas:

- ▶ **Scope of AM Process:** The recommendation covers Powder Bed Fusion (PBF), Directed Energy Deposition (DED), and Binder Jetting (BJT), with detailed process-specific parameters.
- ▶ **Criticality Levels and Testing:** Introduces tiered testing levels (AM Levels 1-3) for class and certified items, enabling customised testing based on application criticality.
- ▶ **Feedstock and Material Standards:** Specifies rigorous qualification processes for AM feedstocks, including powder, wire, and binder feedstocks, including recycling protocols for sustainability.
- ▶ **Part Design and Qualification:** Includes innovative provisions for design optimisation, topology adjustment, and pre-build simulation to ensure robust performance under marine conditions.
- ▶ **Inspection and Non-Destructive Testing (NDT):** Addresses anisotropic properties and potential imperfections (e.g., porosity, lack of fusion) through advanced NDT methods like CT scans.

Recommendation 186 establishes a robust verification and certification framework, ensuring the safe and effective use of AM technology in critical marine contexts. Moving forward, IACS will continue to collaborate with stakeholders to expand the application of AM in safety-critical marine components. By encouraging shipyards, original equipment manufacturers (OEMs), and vessel operators to adopt AM, it paves the way for innovation in shipbuilding and offshore engineering, marking a pivotal step in the safe and standardized adoption of additive manufacturing.

#### Specific Application Requirements

None

## **RULES UPDATING - DESCRIPTION OF MAIN CHANGES**

### **RULES FOR THE CLASSIFICATION OF SHIPS** **Part 33 – SHIPS USING GASES OR OTHER LOW-FLASHING FUEL**

#### **Rules to be updated**

Rules for the classification of ships, Part 33 – Ships using gases or other low-flashing fuel

#### **Type of amendments**

Rules to be published as Amendments No. 1 to January 2025 edition

#### **Foreseen Date of coming into force of the Rules**

1 July 2025

#### **Basis for Rules update (technical background)**

[IACS UI GF20 \(June 2024\) - Arrangements of fuel tanks in methyl/ethyl alcohol fuelled vessels](#) - rules have been updated with the requirements deriving from newly published UI GF20

[IMO MSC.1/Circ.1666 - INTERIM GUIDELINES FOR THE SAFETY OF SHIPS USING LPG FUELS](#) – introduced in the rules as new Appendix 2

[IMO MSC.1/Circ.1667 - UNIFIED INTERPRETATION OF REQUIREMENTS IN THE IGF CODE FOR FUEL PREPARATION ROOMS NOT LOCATED ON AN OPEN DECK](#) – referenced in the rules

[IMO MSC.1/Circ.1670 - UNIFIED INTERPRETATION OF THE IGF CODE](#) – referenced in the rules

#### **Specific Application Requirements**

IACS UI GF20 is to be implemented to ships contracted for construction on or after 1 July 2025, to which the administration has required the application of MSC.1/Circ.1621.