



IRCLASS
Indian Register of Shipping



RULES AND REGULATIONS FOR THE CONSTRUCTION AND CLASSIFICATION OF PLEASURE CRAFTS AND LARGE YACHTS

RULES CHANGE NOTICE NO. 1

September 2024

General Information

This Rules change notice gives the new additions and amendments to the 'Rules and Regulations for the Construction and Classification of Pleasure Crafts and Large Yachts'.

These new additions and amendments are to be read in conjunction with the requirements given in the July, 2024 edition of the Rules.

The Parts / Chapters where amendments are made and their effective dates are indicated in **TABLE 1**. The actual requirements, arranged in the order of Part / Chapter / Section / Sub-section / Clause, have been given subsequently.

For ease of reference, the newly added text has been highlighted by underlining and the deleted text by striking through.

RULES AND REGULATIONS FOR THE CONSTRUCTION AND CLASSIFICATION OF PLEASURE CRAFTS AND LARGE YACHTS – July 2024

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TABLE 1 – AMENDMENTS INCORPORATED IN THIS NOTICE
These amendments will come into force as indicated in the Table

Section / Clause	Subject/ Amendments
Part 1, Chapter 1: General	
<i>The amendments are applicable to crafts contracted for construction on or after 1 January 2025</i>	
3/ 3.6.3/ Note (new)	A note is added to clarify the conditions under which Type 1 pleasure crafts may be permitted without deck.
3/ 3.6.6 (e) (new)	High Density Polyethylene (HDPE) is added to the list of materials from which pleasure crafts may be constructed.
3/ 3.6.6/ Note 1 (new)	A note is added to clarify that HDPE is to be used only for Type-I crafts with outboard engines.
Part 1, Chapter 3: Materials	
<i>The amendments are applicable to crafts contracted for construction on or after 1 January 2025</i>	
6 (new)	A new section is added for HDPE materials.
Part 1, Chapter 4: Structures	
<i>The amendments are applicable to crafts contracted for construction on or after 1 January 2025</i>	
2/ 2.5 (new)	A new sub-section is added to provide requirements for crafts constructed of HDPE.

Chapter 1

General

Section 3

Classification Regulations

3.6 Class Notations

3.6.3 Design Type Notation

TYPE-1 – Type 1, Crafts that operate up to distance of 1 nautical mile in fair weather and in daylight from a Nominated Point of Departure named in the Certificate of Registry and/or Certificate of Classification of the craft.

TYPE-2 – Type 2, Crafts that operate up to distance of 12 nautical miles from a Nominated Point of Departure named in the Certificate of Registry and/or Certificate of Classification of the craft.

Note: Type 1 pleasure crafts, intended for fair weather operations only, may be permitted without deck provided reserve buoyancy and stability for the Craft with its full complement of persons is adequate to remain afloat to survive the consequences of swamping.

TYPE-3 – Type 3, Crafts that operate up to distance of 24 nautical miles at sea from a Safe Haven.

TYPE-4 – Type 4, Crafts designed for Unrestricted Service

3.6.6 Material

Depending upon the material of hull construction, additional notation **MAT ()** may be assigned to the crafts, with letters within parentheses indicating the material used:

- (a) **A** – Aluminium
- (b) **S** – Steel
- (c) **F** – FRP/ GRP
- (d) **W** - Wood
- (e) **H** – HDPE (High Density Polyethylene) ⁽¹⁾

(Note 1: HDPE is to be used only for Type-1 crafts fitted with outboard engines.

End of Chapter

Chapter 3

Materials

Section	Contents
1	General
2	Structural Steel
3	Aluminium Alloys
4	Glass Reinforced Plastic Materials
5	Wood
6	HDPE (High Density Polyethylene)

[Section 6](#)

[HDPE \(High Density Polyethylene\)](#)

[6.1 General](#)

[6.1.1 HDPE \(High Density Polyethylene\) used in the construction of hull structures of Pleasure Crafts are to be in general,](#)

[manufactured and tested in accordance with the requirements of IRS *Guidelines on Hull Structure of Thermoplastic Vessels*.](#)

End of Chapter

Chapter 4

Structures

Section	Contents
1	Arrangements
2	Structures: Pleasure Crafts of Steel, Aluminium, and Fibre Reinforced Plastics <u>and HDPE (High Density Polyethylene)</u>
3	Structures : Wooden Vessels

Section 2

Structures: Pleasure Crafts of Steel, Aluminium, ~~and~~ Fibre Reinforced Plastics and HDPE (High Density Polyethylene)

2.5 Scantlings: HDPE (High Density Polyethylene)

2.5.1 The scantlings of Crafts made of HDPE are to be based on the applicable requirements in IRS Guidelines on Hull Structure of Thermoplastic Vessels.

End of Chapter