

**PART II RULES FOR THE CONSTRUCTION
AND CLASSIFICATION OF SHIPS
IDENTIFIED BY THEIR MISSIONS**

TITLE 22 FERRY –BOAT

SECTION 1 NAVAL ARCHITECTURE

CHAPTERS

- A SCOPE
- B DOCUMEMENTS, REGULATIONS AND
STANDARDS
– See Part II, Title 15, Section 1 – cargo only
– See Part II, Title 26, Section 1 – cargo/pax
- C NAVIGATION ENVIRONMENT
– See Part II, Title 11, Section 1
- D ACTIVITIES / SERVICES
– See Part II, Title 11, Section 1
- E CONFIGURATIONS
- F HULL LINES AND DIMENSIONS
– See Part II, Title 11, Section 1
- G CAPACITIES AND SUBDIVISION
– See Part II, Title 15, Section 1 – cargo only
– See Part II, Title 26, Section 1 – cargo/pax
- H LOADING CONDITIONS, STABILITY AND
BUOYANCY
– See Part II, Title 15, Section 1 – cargo only
– See Part II, Title 26, Section 1 – cargo/pax
- I PROPULSION PERFORMANCE
– See Part II, Title 11, Section 1
- T INSPECTIONS AND TESTS
– See Part II, Title 11, Section 1

CONTENTS

CHAPTER A	5
SCOPE	5
A1. APPLICATION	5
100. <i>Application</i>	5
A2. DEFINITONS	5
100. <i>Additional definitions to Part II, Title 11,</i>	
<i>Section 1</i>	5
CHAPTER E	5
CONFIGURATIONS	5
E1. CONFIGURATION	5
100. <i>Configuration</i>	5

CHAPTER A SCOPE

CHAPTER CONTENTS

A1. APPLICATION

A2. DEFINITIONS

A1. APPLICATION

100. Application

101. The present Title 22 requirements are additional to those of Part II, Title 11, Section 1 and apply to ferry-boats as defined in Part I, Title 01, Section 1, Table T.B3.101.1:

“A ship fitted with double bottom which has one or more decks closed or open not normally subdivided and generally running the entire length of the ship, typically employed in short crossings, intended for the carriage of:

- a. passengers
- b. vehicles which embark and disembark on their own wheels”

Guidance

According to IMO:

The roll-on/roll-off ship is defined in the November 1995 amendments to Chapter II-1 of the International Convention for the Safety of Life at Sea (SOLAS), 1974 as being "a passenger ship with ro-ro cargo spaces or special category spaces..."

One of the ro-ro ship's most important roles is as a passenger/car ferry, particularly on short-sea routes.

According to Part I, Title 01, Section 1, B3.101:

01: for coastal navigation (held in open sea within the limits of the coast visibility, established as 20 nautical miles from the coast)

End of guidance

A2. DEFINITIONS

100. Additional definitions to Part II, Title 11, Section 1

101. Ro/Ro cargo spaces are spaces not normally subdivided in any way and extending to either a substantial length or the entire length of the ship, in which motor vehicles with fuel in their tanks for their own propulsion and/or goods (packaged or in bulk, in or on rail or road cars, vehicles (including road or rail tankers), trailers, containers, pallets, demountable tanks or in similar stowage units or other receptacles, which can be loaded and unloaded normally in a horizontal direction.

CHAPTER E CONFIGURATIONS

E1. CONFIGURATION

E1. CONFIGURATION

100. Configuration

101. The most usual configurations and the applicable requirements are shown in Table T.E1.101.1 below:

TABLE T.E1.101.1 – CONFIGURATIONS OF Ro-Ro SHIPS AND APPLICABLE REGULATIONS

Ship Type	GT ≥ 500	GT < 500
<p>Roll on / roll off cargo ship Roll on-Roll off are multi-deck ships with double bottom and, in some cases, with wing tanks up to the lowest deck above the full load waterline, which has one or more decks closed or open not normally subdivided and generally running the entire length of the ship intended for the carriage of:</p> <p>a. vehicles which embark and disembark on their own wheels, and/or goods in or on pallets or containers which can be loaded and unloaded by means of wheeled vehicles b. railway cars, on fixed rails, which embark and disembark on their own wheels</p> <p>Class notation: Ro/Ro cargo</p>	<p>Section 1 Part II, Title 15</p> <p>Section 2 Part II, Title 15</p> <p>Section 3 Part II, Title 15</p> <p>Section 5 Part II, Title 11</p> <p>Section 6 Part II, Title 15</p> <p>Section 7 Part II, Title 15</p>	<p>Section 1 Part II, Title 11</p> <p>Section 2 Part II, Title 15</p> <p>Section 3 Part II, Title 11 (as applicable)</p> <p>Section 5 Part II, Title 11</p> <p>Section 6 Part II, Title 15</p> <p>Section 7 Part II, Title 15</p>
<p>Roll on / roll off pure car carrier Ro/Ro cargo vessels which, however, carry exclusively cars, trucks and buses.</p> <p>Class notation: Ro/Ro cargo, pure car</p>	Same as roll on/roll off cargo	Same as roll on/roll off cargo
<p>Roll on / roll off container Roll-on-roll-off cargo vessels which also carry containers.</p> <p>Class notation: Ro-Ro cargo, container</p>	Same as roll on/roll off cargo However, special consideration is to be given for the carriage of containers (See part II, Title 12).	Not applicable
<p>Roll on / roll off dangerous goods Roll-on-roll-off cargo vessels which also carry dangerous goods</p> <p>Class notation: Ro/Ro cargo, DG-P</p>	Same as roll on/roll off cargo Additional requirements for dangerous goods in Part II, Title 104).	Same as roll on/roll off cargo Additional requirements for dangerous goods in Part II, Title 104).
<p>Roll on / roll off passenger and cargo Roll on-Roll off are multi-deck ships with double bottom and, in some cases, with wing tanks up to the lowest deck above the full load waterline, which has one or more decks closed or open not normally subdivided and generally running the entire length of the ship intended for the carriage of:</p> <p>a. passengers b. vehicles which embark and disembark on their own wheels, and/or goods in or on pallets or containers which can be loaded and unloaded by means of wheeled vehicles c. railway cars, on fixed rails, which embark and disembark on their own wheels</p> <p>Class notation: Ro/Ro passengers and cargo</p>	<p>Section 1 Part II, Title 26</p> <p>Section 2 Part II, Title 15</p> <p>Section 3 Part II, Title 26</p> <p>Section 5 Part II, Title 11</p> <p>Section 6 Part II, Title 26</p> <p>Section 7 Part II, Title 26</p>	<p>Section 1 Part II, Title 11</p> <p>Section 2 Part II, Title 15</p> <p>Section 3 Part II, Title 11 (as applicable)</p> <p>Section 5 Part II, Title 11</p> <p>Section 6 Part II, Title 26</p> <p>Section 7 Part II, Title 11</p>

Ship Type	GT ≥ 500	GT < 500
<p>Ferry Boat Title 22 – Ferry boat (passengers + vehicles) A ship fitted with double bottom which has one or more decks closed or open not normally subdivided and generally running the entire length of the ship, typically employed in short crossings, intended for the carriage of:</p> <ul style="list-style-type: none"> a. passengers b. vehicles which embark and disembark on their own wheels <p>Class notation: Ferry Boat (Short crossings)</p>	<p>Section 1 Part II, Title 26</p> <p>Section 2 Part II, Title 15</p> <p>Section 3 Part II, Title 26</p> <p>Section 5 Part II, Title 11</p> <p>Section 6 Part II, Title 26</p> <p>Section 7 Part II, Title 26</p>	<p>Section 1 Part II, Title 11</p> <p>Section 2 Part II, Title 15</p> <p>Section 3 Part II, Title 11 (as applicable)</p> <p>Section 5 Part II, Title 11</p> <p>Section 6 Part II, Title 26</p> <p>Section 7 Part II, Title 11</p>

Rgmm14en-PIIT22S1-ac-00