

Issued: 18.12.2024	Entry into force: 01.01.2025	Validity: Until further notice
Legal basis Act on the Ice Classes of Ships and Icebreaker Assistance (1121/2005), section 4 and section 7, subsection 2		
Provisions on sanctions for operations violating this Regulation are laid down in:		
Implemented EU legislation:		
Modification details: Repeals the regulation on Finnish ice classes equivalent to class notations of recognized classification societies and the determination of the ice classes of ships (TRAFI/383804/03.04.01.00/2016), which was issued on 14 November 2017 by the Finnish Transport Safety Agency.		

Finnish ice classes equivalent to class notations and establishing the ice classes of ships

CONTENTS

1	Scope	2
2	Determining the Finnish ice class of a ship on the basis of the class notation assigned by a recognised classification society and the list of equivalences	2
3	Establishing the Finnish ice class of a ship upon application	2
3.1	Requisite information and reports	2
3.2	Integrated tug-barge vessels	3
3.3	Polar Class ships.....	3
3.4	Existing ships of ice class IA Super or IA.....	4
4	Entry into force	4
Annex 1	List of equivalences.....	5
	Table 1: American Bureau of Shipping (ABS)	5
	Table 2: Bureau Veritas SA (BV).....	5
	Table 3: China Classification Society (CCS)	5
	Table 4: Croatian Register of Shipping (CRS)	5
	Table 5: DNV AS (DNV)	6
	Table 6: Indian Register of Shipping (IRS).....	6
	Table 7: Korean Register (KR).....	6
	Table 8: Lloyd's Register Group LTD (LR)	7
	Table 9: Nippon Kaiji Kyokai General Incorporated Foundation (ClassNK)	7
	Table 10: Polish Register of Shipping (PRS)	7
	Table 11: RINA Services S.p.A. (RINA).....	8
	Table 12: Polar Class notations. Common to recognised classification societies. International Code for Ships Operating in Polar Waters, Polar Code.....	8

1 Scope

This Regulation applies to the determination and establishment of the Finnish ice classes of ships and integrated tub-barge vessels.

With this Regulation, the Finnish Transport and Communications Agency establishes the list of equivalences between Finnish ice classes and class notations assigned by recognised classification societies referred to in section 4, subsection 2 of the Act on the Ice Classes of Ships and Ice-breaker Assistance (1121/2005). The list is included in Annex 1 to this Regulation. This Regulation also lays down more detailed regulations on the information and documentation required for establishing the ice class as referred to in section 7, subsection 2 of the Act on the Ice Classes of Ships and Ice-breaker Assistance.

2 Determining the Finnish ice class of a ship on the basis of a class notation assigned by a recognised classification society and the list of equivalences

If a ship equipped with propulsion machinery of its own has been assigned an ice class notation by a recognised classification society, the ship's Finnish ice class is determined on the basis of the list of equivalences established in Annex 1 in accordance with the highest ice class corresponding to the notation.

If a ship lacks propulsion machinery of its own, but has on its class certificate a class notation that is included in the list of equivalences, the class notation is considered to correspond to Finnish ice class III.

However, a ship of ice class IA Super or IA the keel of which has been laid or which has been at a similar stage of construction before 1 September 2003 shall comply with the requirements for ships of ice class IA Super or IA laid down in the Finnish Transport and Communications Agency's most recent Ice Class Regulation in force no later than 1 January in the year when twenty years have elapsed since the year the ship was delivered. The list of equivalences cannot be applied to such a ship; instead, the ice class of the ship is established in accordance with section 3.4 of this Regulation.

3 Establishing the Finnish ice class of a ship upon application

3.1 Requisite information and documentation

If a ship does not have an ice class notation, assigned by a recognised classification society, that is included in the list of equivalences the shipowner must submit the following information and documentation to the Finnish Transport and Communications Agency for the purpose of establishing the ship's Finnish ice class:

1. a free-form written application on establishing the ship's ice class;
2. a copy of the ship's class certificate;
3. a copy of the relevant ice class rules of the classification society;
4. a copy of ship documents showing that the dimensions and construction of the ship's engine output correspond to the requirements of the ice class;
5. a copy of ship documents showing that the dimensions and construction of the ship's hull correspond to the requirements of the ice class;

6. a copy of ship documents showing that the dimensions and construction of the ship's rudder and steering gear correspond to the requirements of the ice class;
7. a copy of a ship document showing that the dimensions and construction of the ship's propulsion machinery and parts thereof correspond to the requirements of the ice class;
8. a copy of the ship's marine sea water cooling system arrangement and starting air system arrangement; and
9. any other information and documentation considered necessary for establishing the ice class.

If the ship has an ice class, assigned by a recognised classification society, that is not included in the list of equivalences, the Finnish Transport and Communications Agency shall establish a Finnish ice class for the ship upon the shipowner's application. The shipowner must submit the information and documentation listed above to the Finnish Transport and Communications Agency for the purpose of establishing the ship's Finnish ice class.

3.2 Integrated tug-barge vessels

A combination comprising a push-barge and a power-driven pusher tug may be considered a single power-driven ship, provided that the design of the hulls and the coupling system allow the combination to function as a single ship when navigating in ice.

The shipowner must submit the information and documentation listed above in section 3.1 to the Finnish Transport and Communications Agency for the purpose of establishing the tug-barge vessel's Finnish ice class. If both the tug and the barge have been assigned a class notation that is included in the list of equivalences, the applicant must, instead of all the information listed in section 3.1, only submit a free-form written application and documentation demonstrating that the dimensions and construction of the tug-barge vessel's engine output correspond to the requirements of the Finnish ice class.

The engine output required for the Finnish ice class of a tug-barge vessel is determined in accordance with the engine output requirements of the Ice Class Regulations currently in force and calculated using the hull shape of the barge and the number, type and diameter of the power-driven pusher tug's propellers.

3.3 Polar Class ships

A ship that has been assigned a class notation PC1-PC7 (International Code for Ships Operating in Polar Waters, Polar Code) for polar waters common to recognised classification societies must, instead of all the information listed in section 3.1, only submit to the Finnish Transport and Communications Agency a free-form written application and documentation demonstrating that the dimensions and construction of the ship's engine output correspond to the requirements of the Finnish ice class.

In other respects than engine output, class notations PC1-PC6 correspond to ice class IA Super and class notation PC7 to ice class IA.

If the class certificate or an annex thereto of a ship that has a polar class notation assigned by a recognised classification society additionally clearly states that the ship meets the engine output requirement of the Finnish ice class, the ship's Finnish ice class shall be determined on the basis of the polar class notation. No separate application is required.

3.4 Existing ships of ice class IA Super or IA

A ship of ice class IA Super or IA the keel of which has been laid or which has been at a similar stage of construction before 1 September 2003 shall comply with the requirements for ships of ice class IA Super or IA laid down in the Finnish Transport and Communications Agency's most recent Ice Class Regulation in force no later than 1 January in the year when twenty years have elapsed since the year the ship was delivered. The ice class of such a ship is established upon application. If the ship has been assigned a class notation that is included in the list of equivalences, the applicant must, instead of all the information listed in section 3.1, only submit a free-form written application and documentation demonstrating that the dimensions and construction of the ship's engine output correspond to the requirements of the Finnish ice class.

If the class certificate or an annex thereto of a ship that has an above-mentioned class notation assigned by a recognised classification society additionally clearly states that the ship meets the engine output requirements of the most recent Ice Class Regulation in force, the ship's Finnish ice class shall be determined on the basis of the class notation. No separate application is required.

4 Entry into force

This Regulation enters into force on 01.01.2025.

This Regulation repeals the Regulation on Finnish ice classes equivalent to class notations of recognised classification societies and the determination of the ice classes of ships (TRAFI/383804/03.04.01.00/2016), which was issued on 14 November 2017 by the Finnish Transport Safety Agency.

In Helsinki on 18 December 2024

Party making the decision

Jarkko Saarimäki

Director-General

Presenting official

Pietari Pentinsaari

Deputy Director-General

Annex 1 List of equivalences

Table 1: American Bureau of Shipping (ABS)

	Ice class notation	Equivalent Finnish ice class
1.1	A1	II
1.2	Ice Class I AA Ice Class I A Ice Class I B Ice Class I C	IA Super IA IB IC

Table 2: Bureau Veritas SA (BV)

	Ice class notation	Equivalent Finnish ice class
2.1	I HULL	II
2.2	ICE CLASS IA SUPER ICE CLASS IA ICE CLASS IB ICE CLASS IC	IA Super IA IB IC

Table 2: China Classification Society (CCS)

	Ice class notation	Equivalent Finnish ice class
3.1	CSA	II
3.2	Ice class B1* Ice class B1 Ice class B2 Ice class B3	IA Super IA IB IC

Table 3: Croatian Register of Shipping (CRS)

	Ice class notation	Equivalent Finnish ice class
4.1	100A1	II
4.2	Ice class IAS Ice class IA Ice class IB Ice class IC	IA Super IA IB IC

Table 5: DNV AS (DNV)

	Ice class notation	Equivalent Finnish ice class
5.1	1 A 1A1 100 A5	II II II
5.2	Ice-1A*F Ice-1A* Ice-1A Ice-1B Ice-1C	IA Super IA Super IA IB IC
5.3	Ice(1A*F) Ice(1A*) Ice(1A) Ice(1B) Ice(1C)	IA Super IA Super IA IB IC
5.4	E4 E3 E2 E1	IA Super IA IB IC

Table 6: Indian Register of Shipping (IRS)

	Ice class notation	Equivalent Finnish ice class
6.1	SUL	II
6.2	HAT(B) HT(B) HM(B) Ha(B)	IA Super IA IB IC

Table 7: Korean Register (KR)

	Ice class notation	Equivalent Finnish ice class
7.1	KRS1	II
7.2	IA Super IA IB IC	IA Super IA IB IC

Table 8: Lloyd's Register Group LTD (LR)

	Ice class notation	Equivalent Finnish ice class
8.1	100A1	II
8.2	Ice Class 1AS FS(+) Ice Class 1A FS(+) Ice Class 1B FS(+) Ice Class 1C FS(+) Ice Class 1AS FS Ice Class 1A FS Ice Class 1B FS Ice Class 1C FS	IA Super IA IB IC IA Super IA IB IC

Table 9: Nippon Kaiji Kyokai General Incorporated Foundation (ClassNK)

	Ice class notation	Equivalent Finnish ice class
9.1	NS*, NS	II
9.2	IA SUPER IS IA IS IB IS IC IS	IA Super IA IB IC

Table 4: Polish Register of Shipping (PRS)

	Ice class notation	Equivalent Finnish ice class
10.1	KM	II
10.2	L1A L1 L2 L3	IA Super IA IB IC

Table 11: RINA Services S.p.A. (RINA)

	Ice class notation	Equivalent Finnish ice class
11.1	C	II
11.2	ICE CLASS IA SUPER ICE CLASS IA ICE CLASS IB ICE CLASS IC	IA Super IA IB IC

Table 12: Polar Class notations. Common to recognised classification societies. International Code for Ships Operating in Polar Waters, Polar Code.

	Ice class notation	Equivalent Finnish ice class
11.1*	PC1 PC2 PC3 PC4 PC5 PC6	IA Super
11.2*	PC7	IA

* The equivalence of a Polar Class notation is only valid for ships that meet the requirements of the third paragraph in section 3.3.