

PR1D Procedure for Class Entry of Ships not subject to PR1A or PR1B

(Oct 2014)

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Notes:

1. This Procedural Requirement applies to requests for class received on or after 1 January 2015.

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Procedure for Class Entry of Ships not subject to PR1A or PR1B**Application**

This Procedure contains procedures and requirements pertaining to class entry of ships not subject to PR1A or PR1B and is applicable, unless stated otherwise, to vessels of over 100 GT of whatever type, self-propelled or not, restricted or unrestricted service, except for "inland waterway" vessels.

The obligations of this Procedure apply to Classification Societies which are subject to verification of compliance with QSCS.

Definitions

'Interim Certificate of Class', or Interim Class Certificate, is the certificate issued immediately upon completion of the survey of the vessel to enable it to trade while the report of the classification surveys is processed by the Society pursuant to issuing its full term Class Certificate.

'Plan Appraisal' means the process of plan and document review and/or approval as required by the applicable classification Rules of the Society.

For terminology not defined in this procedure, reference is to be made to the definitions in PR1A.

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(cont)**Section A - Procedural Requirements****A.1 Obligations and reporting of the Society**

A.1.1 Whenever a Society is requested by an Owner to accept an existing vessel into class, the Society is to notify the Owner in writing of:

- .1 the relevant surveys specified in PR1D/B.2.1 that are required to be satisfactorily completed for entry into class;
- .2 the plan submittal and appraisal requirements for classification by the Society as a prerequisite to obtaining an Interim or Full Term Certificate of Class;
- .3 the requirement that an Interim or Full Term Certificate of Class can be issued only after the Society has satisfactorily completed all required plan appraisal and surveys.

A.1.2 Prior to issuing an Interim Certificate of Class the Society is to obtain a written request for classing the vessel from the owner.

A.1.3 The Society is not to issue an Interim Certificate of Class, or other documents enabling the vessel to trade under its classification:

- .1 until all required surveys have been completed;
- .2 until the appraisal of the plans listed in Section C, as required by the Society to verify compliance with its applicable classification Rules, has been carried out¹;
- .3 before giving the opportunity to the Flag Administration to provide any further instruction within three (3) working days².

¹ Where issues remain outstanding, the Society may impose a Recommendation/Condition of Class for a limited time period in accordance with Procedural Requirement IACS PR 35.

² In compliance with the requirements of Art. 10.5 of the Regulation (EC) No 391/2009 as amended.

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(cont)**Section B - Technical Requirements**

For entry into class, the following minimum technical requirements are to be applied.

B.1 Plans and information

B.1.1 The Society is to request the submission of plans, documents or alternative technical information required to verify that the vessel complies with the Society's applicable classification Rules.

B.1.2 In cases where the vessel has been previously classed by the Society or a Society subject to verification of compliance with QSCS, the submission of plans may be specially considered subject to confirmation of no alteration/modification to the vessel.

B.1.3 Where plan appraisal issues remain outstanding, the Society may impose a Recommendation/Condition of Class for a limited time period in accordance with Procedural Requirement IACS PR 35.

B.1.4 However, having made a good faith effort to obtain the information, if it proves not practicable to acquire certain plans as listed in Section C, equivalent/alternative technical data must be provided prior to the Society issuing the Full Term Class Certificate.

B.2 Class Entry Surveys

B.2.1 A class entry survey is to be held by the Society, the minimum extent of which is to be based on the age and type of the vessel as follows:

- .1 Special Survey of Hull and Machinery including thickness measurements
- .2 Dry docking Survey
- .3 Tailshaft Survey(s)
- .4 Boiler Survey(s) and Pressure vessel survey(s)

B.2.2 The Society may request further examinations, tests and measurements, including but not limited to material testing, non-destructive testing, hydraulic and hydrostatic tests and sea trial.

B.2.3 Where the vessel has, during any portion of the five years prior to the request for classification being received, been previously classed by:

- i. the Society, or
- ii. a Society subject to verification of compliance with QSCS at the time it classed the vessel,

then survey requirements may be specially considered but are not to be less than those required by PR1A.

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(cont)**Section C - Plans to be submitted by the Owner to the Society****C.1 Plans to be submitted**

C.1.1 Main Plans

- General Arrangement
- Capacity Plan
- Hydrostatic Curves
- Loading Manual, where required
- Damage stability calculation, where required

C.1.2 Steel plans

- Midship Section
- Scantling Plan
- Decks
- Shell Expansion
- Transverse Bulkheads
- Rudder and Rudder Stock
- Hatch Covers
- Stern frame

C.1.3 Machinery plans (as applicable)

- Machinery Arrangement
- Shafting arrangement, i.e. Intermediate, Thrust and Screw Shafts
- Propeller
- Main Engines, Propulsion Gears and Clutch Systems (or Manufacturer make, model and rating information)
- For Steam Turbine Vessels, Main Boilers, Superheaters and Economisers (or Manufacturer make, model and rating information) and Steam Piping
- Bilge and Ballast Piping Diagram
- Wiring Diagram
- Steering Gear Systems Piping and Arrangements and Steering Gear Manufacturer make and model information

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(cont)**C.2 Torsional vibration calculations**

C.2.1 For vessels less than two (2) years old, torsional vibration calculations are to be submitted.

C.3 Additional requirements for vessels with ice class notation

C.3.1 Plans for flexible couplings and/or torque limiting shafting devices in the propulsion line shafting (or manufacturer make, model and rating information) are to be submitted.

C.4 Additional plans required for oil tankers

C.4.1 Pumping arrangement at the forward and after ends and drainage of cofferdams and pump rooms are to be submitted.

C.5 Additional plans required for unattended machinery space notation

C.5.1 The following additional plans are to be submitted:

- Instrument and Alarm List
- Fire Alarm System
- List of Automatic Safety Functions (e.g. slowdowns, shutdowns, etc.)
- Function Testing Plan.

C.6 Additional plans and documents may be required by the Society for appraisal

Notes to Section C:

- (1) Additional information may be necessary according to Flag State requirements.
- (2) Alternative technical data may be accepted by the Society in lieu of specific items of the listed documentation not being available at the time of the transfer.

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