

Developing a high-speed ship endorsement course

**This guideline is for training providers who are developing a
course for the high-speed ship endorsement**



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1. Overview

This guidance sets out the requirements for a course to achieve the high-speed ship endorsement. Maritime New Zealand (Maritime NZ) recognises that there are organisations which require their skippers to hold high-speed ship endorsements and that these organisations are well placed to provide training.

Maritime Rules Part 35 Subpart A allows for the Director of Maritime NZ to approve courses related to Maritime Rules Part 32. The high-speed ship endorsement is covered by 32.66 and can be applied to Skipper Restricted Limits (SRL) and Skipper Coastal and Offshore (SCO) certificates.

The high-speed ship endorsement applies to ships that are between 20 and 35 metres in length overall **or** that carry more than 50 passengers **and** that operate at 20 knots or more within restricted waters.

Disclaimer:

These guidelines provide information and explanations about the requirements set out in the maritime rules, but are not a substitute for the rules themselves, which are the law. These guidelines refer to provisions in the Maritime Rules Part 35, Training and Examinations. The Director of Maritime NZ will grant an approval only when satisfied that all requirements have been met. In this guideline, any references to 'we' or Maritime New Zealand relating to a decision about the issue or renewal of any seafarer certificate are references to the Director or a person acting under the Director's delegated authority.

maritimenz.govt.nz/rules

1.1 About your training course

The high-speed ship endorsement course must meet the Director's approval. To do this a number of competencies must be met.

This guideline sets out the core competencies Maritime NZ requires and will help you to develop your training plan.

1.2 Our role – assessing your application

We are responsible for assessing your application to be a course provider for the high-speed ship endorsement.

We will check that

- all competencies identified as essential to the high-speed ship endorsement have been covered
- facilities and equipment used in the training (including simulators) are appropriate
- appropriately qualified and experienced people will provide the training
- the final assessment of candidates for the high-speed endorsement is appropriate
- the course completion documentation is appropriate.

1.3 Maritime rules

Maritime Rule Part 35 Subpart A enables the Director to approve training for the purposes of Part 32. The high-speed ship endorsement is covered by Part 32.66.

Part 32.66 states that an applicant for a high-speed ship endorsement must successfully complete relevant training.

To learn more about these rules, refer to Maritime Rule Part 32 and 35 on the Maritime NZ website.

maritimenz.govt.nz/rules

2. Training course requirements

An application for approval needs to describe the training the participants will undergo and the minimum maritime experience trainees will require as part of the training.

Maritime NZ may choose to inspect the premises and the training facilities of the organisation prior to approval being granted. This will assist us to check that risks associated with the maritime operation, including health and safety risks, have been identified and steps taken to address those risks.

The Director may conduct an inspection at any time if there are reasons to do so. For example, if there is evidence of non-compliance with the approved training course.

2.1 Contact details

You need to provide the full name of the training provider. This may be a person or a legal entity.

Include the main contact person within your organisation for this application. This will be the person Maritime NZ will contact if we require any further information.

Provide the name of the person responsible for managing the organisation only if they are not the main contact person. For example, there may be a chief executive or a director of the organisation who does not run the training course.

2.2 Overview of the organisation providing the training

You need to describe the purpose of your organisation and the type of work the high-speed endorsement will cover. For example, the organisation may be a ferry operator or involved in tourism.

Describe how the training course will be achieved within your organisation and who is responsible for its management and oversight. For example, you may pair up a trainee with a qualified skipper who will mentor them and teach them the competencies required for the endorsement.

2. Training course requirements (continued)

2.3 Course outline

You will need to provide a course outline giving the detail of what and how people are trained to carry out the functions of the high-speed endorsement.

As a minimum you will need to provide the following information.

1. Contact details – full name and address of the training provider that is requesting approval.
2. Course curriculum – what competencies will be covered, what format the course will take, number of hours involved and teaching techniques to be used. See 2.4 for further guidance on this.
3. Entry standards – details about what pre-requisites (if any) must be held by the trainees.
4. Assessment procedures – what format this will take and who will assess the trainees. See 2.5 for further guidance on this.
5. Course completion documentation – what you will provide to the trainees once they have successfully completed the course.

2. Training plan requirements (continued)

2.4 High-speed ship endorsement competencies

The following competencies have been identified by Maritime NZ and industry as core components of a high-speed endorsement training course. You will need to give details on how each competency will be delivered.

Lookout

Demonstrate knowledge of bridge resource management principles as applied to a high-speed ship.

Understand the importance of closed loop communication in the maintenance of an effective bridge team.

Demonstrate the use of a structured lookout system while the vessel is operating at high speed.

Collision avoidance management

Demonstrate the application of Maritime Rules Part 22 – Collision prevention at speeds above 20 knots.

Demonstrate the ability to select the vessel's route to avoid areas of dense traffic and minimise situations where risk of collision may develop.

Demonstrate an understanding of the change in perception resulting from high-speed vessel operation. Include the following:

- early identification of targets/objects
- decision making strategies to determine appropriate action
- speed/time/distance calculations
- change in time of closest point of approach (TCPA) calculations
- speed desensitisation upon slowing down.

Navigation of the vessel

Demonstrate the planning of a safe passage for a vessel operating at high speed.

Demonstrate the safe navigation of a vessel in confined waters at high speed. This may include congested waters (where vessels are under way and anchored) if applicable.

Demonstrate the integrated use of navigational aids while operating at high speed. Include the use of the following:

- charts and publications
- radar
- automatic identification system (AIS) (if fitted)
- global positioning system (GPS)
- chart plotter (ENS/ENC)
- buoyage.

2. Training plan requirements (continued)

Demonstrate the effects of changing environmental conditions on the handling of the vessel and safety of passengers including:

- sea state
- weather
- restricted visibility
- effects of wake of own vessel and other vessels and the shore line
- external forces affecting stability
- G-loading of passengers.

Passenger management

Demonstrate passenger management on a high-speed vessel including the following:

- passenger announcements
- acceleration and deceleration
- seating arrangements
- movement around the vessel
- consideration of passenger comfort and safety.

Emergency response

Demonstrate an understanding of the implication of high-speed operations when dealing with emergency situations. Include the following:

- person overboard
- collision
- grounding
- hull damage
- fire
- Master incapacitation
- serious injury.

2. Training plan requirements (continued)

2.5 Evaluation of competency

Describe how trainees will be assessed as competent at the end of the training course. As a minimum, the evaluation of competency should include the following.

Review a portfolio of evidence of in-service training and experience as follows:

- training on a high-speed ship under the direct supervision of the Master or Trainer for a minimum of 240 hours recorded sea time, or
- training on a high-speed ship under the direct supervision of the Master or Trainer for a minimum of 160 hours of recorded sea time plus 16 hours training in a full mission bridge simulator.

Describe the criteria for evaluating the competence of the trainees.

The person who provides the training must not be the person who evaluates that trainee's competence. As a minimum, Maritime NZ will be looking for the following:

- at least 12 months' recent experience as a high-speed ship Master
- recent experience on the vessel (or similar) used for the training
- holds the high-speed ship endorsement (or equivalent).

2.6 Trainer details

Provide information about the person who will deliver the training course. Include their level of experience as a high-speed ship Master and their qualifications.

As a minimum, Maritime NZ will be looking for the following:

- at least 12 months' recent experience as a high-speed ship Master
- recent experience on the vessel (or similar) used for the training
- holds the high-speed ship endorsement (or equivalent).

Trainers may only evaluate the competence of trainees that they did not train.

You will need to notify the Director in writing of any changes to the trainer(s) of the high-speed ship endorsement course.

3. Contact us for help

If you need more information about the requirements for your high-speed ship endorsement training course, or if you can't find the information you need, send us an email:

TEN@maritimenz.govt.nz OR enquiries@maritimenz.govt.nz

Tell us what you need help with and remember to include your contact details (email address and phone numbers).