



RYA Tender operators course Syllabus

Preparation for Sea

Can:

Prepare the vessel including: Navigation equipment
Bilge pump and alarms
Essential safety equipment
Stowage of warps and securing gear
Pre-departure procedures

Understands:

Drive systems
Emergency shutdown procedures for the vessel being used for training
The need to be familiar with procedures for re-fuelling on board and at sea
Communication protocol with mother ship

Can:

Carry out fuel and mechanical checks on the vessel being used for training including:
Engines, cooling and lubrication systems
Safely start and shutdown engines
Diagnose basic engine start problems Fuel levels

Life Saving Apparatus (LSA)

Knowledge of:

Sources of information on different types of LSA

Understands:

The importance of familiarisation with the use of different types of LSA

Can:

Demonstrate the use of all LSA carried onboard

Boat handling

Understands:

The importance of having crew to assist in berthing operations
The importance of boat control in waves and adequate seating to minimize the possibility of injury
How to select an anchorage with due regard to the safety of the vessel and passengers who may be partaking in water sports
Towing water toys and the need for a spotter
Tidal considerations



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Rules of the Road

Knowledge of:

Sources of local byelaws

Understands:

The importance of adhering to local byelaws

Can:

Apply the International Regulations for the Prevention of Collisions at Sea (IRPCS)

Demonstrate a good sense of situational awareness including; the ability to conduct dynamic risk assessment given the prevailing conditions and location

Passenger safety and comfort

Knowledge of:

Sources of information regarding maximum number of people and payload

Understands:

When to instruct passengers to wear appropriate LSA

The importance of boat control in waves and appropriate seating to minimise the possibility of injury or ejection

Requirement to comply with maximum number of people and payload

The hazards associated with non-compliant passengers and those under the influence of alcohol

The hazards associated with less mobile passengers and children

Strategies for ensuring the safety of non-English speaking passengers

The importance of selecting a safe place to meet and greet passengers

The need to pre-plan onward land transportation of passengers

Can:

Brief the crew on passage plan and roles and responsibilities

Give an effective passenger safety briefing

Give an effective demonstration of all relevant LSA and location

Embark and disembark passengers safely

Drive appropriate to prevailing weather and sea conditions, with due consideration to keeping all on board comfortable and dry



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Daytime pilotage

Understands:

The benefit of agreeing and lodging the pilotage plan with the Master or Officer of the Watch
The requirement for a safety margin when using chartplotters and other electronic navigation aids
The need to use a secondary means of position fixing when using electronic navigation aids including the use of verifiable waypoints
Consideration for local environmental conditions, hazards and other water users
The importance of maintaining contact with the mother vessel at all times
Safe speed for navigation

Can:

Produce an effective day time pilotage plan
Use charts and publications
Interpret Lateral and Cardinal buoyage System A & B
Use a chartplotter for navigation afloat
Use waypoint navigation
Use pilotage to enter a port by day

Night time pilotage

Understands:

The additional hazards associated with moving passengers by water during the hours of darkness

Can:

Take charge of a power driven vessel during the hours of darkness, including but not limited to, short passages between harbour and mother vessel
Produce an effective night-time pilotage plan
Demonstrate ability to keep a proper look-out by all available means
Identify position at all times

Emergency situations

Knowledge of:

Helicopter rescue procedures
Local safe havens/points of refuge

Understands:

Effective management of an emergency situation by day and at night
Importance of keeping an up-to-date head count of all persons on board
Fire prevention and fighting



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Action to take in the event of hull damage / loss of watertight integrity
What to do in a medical emergency
The principles of towing and being towed
The danger of cold shock

Theory Types of Tender Knowledge of:

Different types of tender

Different types of propulsion systems: outdrive, outboard, jet drive, forward-facing drives, shaft drive

Understands:

The handling characteristics for various types of common hull forms

Launch and Recovery

Knowledge of:

Various methods of launch and recovery from the mother vessel whilst at anchor and stopped in the water

Understands:

Requirement to gain on board type specific training

Legislation and guidance

Knowledge of:

The requirement to maintain a current MCA Officer of the Watch Training Record Book (Yacht) RYA

Code of Practice for Safe Water Sports Operations

RYA Guidance on Small High-Speed Craft Passenger Safety

Understands:

The importance of carrying the correct documents

Vessel Specific Training

Knowledge of:

Additional regulated training available

Understands:

The importance of vessel and equipment specific training