

SCHEDULE 4

STANDARDS OF COMPETENCE FOR BOATMASTER'S LICENCES AND CERTIFICATES

PART 2

BOATMASTERS' CERTIFICATES

Interpretation

1. In this Part—

“candidate” means a person wishing to apply for a boatmaster’s certificate of any class;

“examiner” means the person appointed under paragraph 8;

“syllabus” means the syllabus set out in paragraph 19;

Group A and B certificates: generic competencies

2. The competencies required by the holder of a general Group A certificate are the practical skills and underpinning knowledge set out in section 1 of the syllabus.

3. The competencies required by the holder of a general Group B certificate are the practical skills and underpinning knowledge set out in section 2 of the syllabus.

Group A and B certificates: special competencies

4. The competencies required by the holder of a Group A or Group B certificate attesting competence in radar navigation are the practical skills and underpinning knowledge set out in section 3 of the syllabus.

5. The competencies required by the holder of a Group A or Group B certificate attesting competence in passenger transport are the practical skills and underpinning knowledge set out in section 4 of the syllabus.

6. The competencies required by the holder of a Group A or Group B certificate attesting knowledge of local navigation requirements are the practical skills and underpinning knowledge set out in section 5 of the syllabus.

Evidence of attainment of appropriate standard of competence

7. Each candidate must keep a written record (a “Task Record Book”) of the necessary practical skills he has mastered and the knowledge and experience he has gained which are relevant to the class of certificate he wishes to apply for.

8. A candidate’s standard of competence must be assessed by a person who is—

(a) appointed for that purpose by the Secretary of State, or

(b) appointed by a person approved by the Secretary of State for the purpose of appointing examiners.

9. An application for an assessment of competence or part of an assessment—

(a) must be in such form and contain, or be accompanied by, such particulars and documents as the Secretary of State may specify, and

(b) must be accompanied by the prescribed fee.

Status: This is the original version (as it was originally made).

10. A candidate attending for the part of the assessment described in paragraph 11(2)(b) must produce his Task Record Book to the examiner.

11.—(1) Except where paragraph 12 applies, the assessment must consist of—

- (a) (where necessary) a practical test of seamanship and vessel handling skill in a variety of circumstances chosen by the examiner and conducted on board a vessel of a kind reasonably representative of the class of vessel the command of which the certificate would authorise in waters appropriate to that class of certificate; and
- (b) an oral test of the candidate’s knowledge underpinning his practical skills.

(2) Subject to paragraphs 12 and 13, the assessment may, at the examiner’s discretion include—

- (a) a written examination to test part or all of the candidate’s knowledge underpinning his practical skills, and
- (b) questions about the entries in the Task Record Book.

(3) Different parts of the assessment may, if the examiner agrees, take place on different occasions.

12. This paragraph applies where the candidate holds a Tier 1 boatmaster’s licence with both cargo and towing and pushing endorsements.

13. Where paragraph 12 applies—

- (a) the examiner must assess the candidate’s knowledge of the subject matter of those items in the syllabus for a Group A or Group B certificate marked (a) and (b) under the heading “Navigation” and (b) under the heading “Vessel construction and stability”;
- (b) the examiner may assume (unless he has reason to believe otherwise) that the candidate possesses the remaining practical skills and underpinning knowledge required by the holder of a certificate of the group for which he has applied;
- (c) the examiner may conduct—
 - (i) a test mentioned in paragraph 11(1), or
 - (ii) the test mentioned in paragraph 11(2)(b),if, and only if, he reasonably believes it to be necessary.

14. The examiner must as soon as practicable submit a report of his assessment to the Secretary of State and if he is satisfied that the candidate possesses the necessary competencies the Secretary of State must issue the appropriate boatmaster’s certificate to the candidate.

Representations by unsuccessful candidates

15.—(1) A candidate who is aggrieved by an assessment may make representations in writing to the Secretary of State, care of the Customer Care Manager at the appropriate Regional Office of the Maritime and Coastguard Agency setting out his complaint and the reasons for it.

(2) Upon receipt of such representations, the Customer Care Manager must investigate the complaint and if he considers it is justified may offer to take such action in relation to the complaint as he thinks fit.

16.—(1) A candidate who is not satisfied with the action offered may appeal in writing to the Chief Executive of the Agency at Spring Place, 105 Commercial Road, Southampton SO15 1EG setting out the grounds of his appeal.

(2) Upon receipt of such representations, the Chief Executive must investigate the complaint and if he considers it is justified may offer to take such action in relation to the complaint as he thinks fit.

17.—(1) A candidate who is not satisfied with the action offered may ask the Chief Executive to refer the complaint to an independent adjudicator for a review of the fairness of the handling of the complaint.

(2) The independent adjudicator may request such further written evidence as he reasonably requires and may make such recommendations as he thinks fit to the Chief Executive who must act upon them.

18. For the avoidance of doubt, in paragraphs 15 to 17 “writing” includes e-mail.

Syllabus

19. The syllabus is as follows—

Section 1: General Group A certificates

1. *Navigation*

- (a) Exact knowledge of the traffic regulations of inland and maritime waterways, particularly the European Code for Inland Waterways and of the International Regulations for Preventing Collision at Sea and nautical signing (designation and buoying of waterways).
- (b) Knowledge of the general geographical, hydrological, meteorological and morphological characteristics of the main inland and maritime waterways.
- (c) Terrestrial navigation, including determination of course, position lines and ship’s position, nautical printed matter and publications, sea chart work, nautical marks and buoyage systems, checking of the compass and bases of tidology.

2. *Vessel manoeuvring and handling*

- (a) Handling of the vessel taking into account the effect of wind, current, thrust deduction and draught for the evaluation of sufficient buoyancy and stability.
- (b) The role and functioning of the rudder and propeller.
- (c) Anchoring and berthing in all conditions.
- (d) Manoeuvres in ports and locks and when meeting and passing other vessels.

3. *Vessel construction and stability*

- (a) Knowledge of the basic principles of vessel construction with particular regard to the safety of the crew, other persons and the vessel.
- (b) Basic knowledge of Directive 82/714/EEC of 4 October 1982⁽¹⁾, laying down the technical provisions for inland waterway vessels.
- (c) Basic knowledge of the main component parts of the vessel.
- (d) Theoretical knowledge of the buoyancy and stability rules and their practical application, especially seaworthiness.
- (e) Additional requirements, and in particular additional equipment, for maritime waterways.

4. *Engines*

- (a) Basic knowledge of the design and working of the engines to ensure their proper functioning.
- (b) Operation and inspection of the main and auxiliary engines and action to be taken in case of malfunction.

(1) OJNo. L301, 28.10.1982, p.1.

Status: This is the original version (as it was originally made).

5. *Loading and unloading*
 - (a) Use of draught indicators.
 - (b) Determination of the loading weight using the certificate of measurement.
 - (c) Loading and unloading and stowage of cargo (the stowage plan).
6. *Action in special circumstances*
 - (a) Principles of accident prevention.
 - (b) Measures to be taken in the event of damage, collision and running aground, including the sealing of leaks.
 - (c) Use of rescue apparatus and equipment.
 - (d) First aid in the event of accidents.
 - (e) Prevention of fires and use of fire-fighting equipment.
 - (f) Prevention of pollution of waterways.
 - (g) Specific measures relating to the rescue of persons, vessels and cargo on maritime shipping routes and survival in distress.

Section 2: General Group B certificates

1. *Navigation*
 - (a) Exact knowledge of the traffic regulations of inland and maritime waterways, particularly the European Code for Inland Waterways, including nautical signing (designation and buoying of waterways).
 - (b) Knowledge of the general geographical, hydrological, meteorological and morphological characteristics of the main inland waterways.
 - (c) Determination of course, nautical printed matter and publications and buoyage systems.
2. *Vessel manoeuvring and handling*
 - (a) Handling of the vessel taking into account the effect of wind, current, thrust deduction and draught for the evaluation of sufficient buoyancy and stability.
 - (b) The role and functioning of the rudder and propeller.
 - (c) Anchoring and berthing in all conditions.
 - (d) Manoeuvres in ports and locks and when meeting and passing other vessels.
3. *Vessel construction and stability*
 - (a) Knowledge of the basic principles of vessel construction with particular regard to the safety of the crew, other persons and the vessel.
 - (b) Basic knowledge of Directive [82/714/EEC](#) of 4 October 1982 on the technical provisions for inland waterway vessels.
 - (c) Basic knowledge of the main component parts of the vessel.
 - (d) Theoretical knowledge of the buoyancy and stability rules and their practical application.
4. *Engines*
 - (a) Basic knowledge of the design and working of the engines to ensure their proper functioning.
 - (b) Operation and inspection of the main and auxiliary engines and action to be taken in case of malfunction.

5. *Loading and unloading*
 - (a) Use of draught indicators.
 - (b) Determination of the loading weight using the certificate of measurement.
 - (c) Loading and unloading and stowage of cargo (the stowage plan).
6. *Action in special circumstances*
 - (a) Principles of accident prevention.
 - (b) Measures to be taken in the event of damage, collision and running aground, including the sealing of leaks.
 - (c) Use of rescue apparatus and equipment.
 - (d) First aid in the event of accidents.
 - (e) Prevention of fires and use of fire-fighting equipment.
 - (f) Prevention of pollution of the waterways.

Section 3: Additional subjects for radar navigation certification

- (a) Knowledge of radar theory, general knowledge of radioelectric waves and principles of radar operation.
- (b) Ability to use radar equipment, interpretation of the radar display, analysis of the information obtained and knowledge of the limits of that information.
- (c) Use of the turn indicator.
- (d) Knowledge of the ECIW rules on radar navigation.

Section 4: Additional knowledge for passenger transport certification

- (a) Basic knowledge of technical regulations on the stability of passenger vessels in case of damage, division into watertight compartments and plane of maximum draught.
- (b) First aid in case of accidents.
- (c) Fire prevention and fire-fighting equipment.
- (d) Life-saving methods and equipment.
- (e) How to protect passengers in general and especially in the case of evacuation, damage, collision, running aground, fire, explosion and other situations which may give rise to panic.
- (f) Knowledge of safety instructions; emergency exits, gangplank and use of emergency helm.

Section 5: Additional knowledge for local navigational knowledge certification

The practical skills and underpinning knowledge required for the issue of a relevant local knowledge endorsement of a boatmaster's licence.