



Conscious of the importance of the Sava River for the economic, social and cultural development of the region,

Desirous of development of the inland navigation on the Sava River,

Having regard to the Council Directive 96/50/EC and Resolution 31 of the ECE/UN,

Believing that public authorities can contribute significantly to the development of the transport on the Sava River through their engagement to the provision and maintenance of the safe navigation system,

In accordance with Article 16 Paragraph 1 (a) and 2 of the Framework Agreement of the Sava River Basin and Article 8 Paragraph 2 of the Protocol on the Navigation Regime to the Framework Agreement of the Sava River Basin, the International Sava River Basin Commission (hereinafter: Sava Commission) on its VIII Special Session held on November 12-13, 2007, has adopted the following

DECISION – 32/07

on adoption of

RULES ON MINIMUM REQUIREMENTS FOR THE ISSUANCE OF BOATMASTER'S LICENSES ON THE SAVA RIVER BASIN

1. Text of the Rules on Minimum Requirements for the Issuance of Boatmaster's Licenses on the Sava River Basin is attached to this decision as its integral part.
2. This Decision shall apply as of June 01, 2008.
3. Parties shall adopt the measures necessary to implement this Decision and notify the Sava Commission.
4. This Decision shall be binding for the Parties unless any of the Sava Commission members withdraws his vote within 30 days after the decision has been adopted, or informs the Sava Commission that the Decision is subject to the approval of the relevant authority of his State.

If any of the Sava Commission members withdraws his vote within 30 days after the decision has been adopted, or informs the Sava Commission that the Decision is subject to the approval of the relevant authority of his State, the Sava Commission Secretariat shall, thereof, inform all other Sava Commission members.

5. If no member withdraws his vote nor informs the Sava Commission that the Decision is subject to the approval of the relevant authority of his State, the Decision shall enter into force on December 13, 2007, 2007.
6. Upon entry into force, this Decision shall be binding in its entirety and directly applicable in the Parties.
7. The Sava Commission Secretariat shall notify the Parties of the entry into force of the Decision.

Ref. No: 1S-8-D-07-8/1-3

Zagreb, November 13, 2007

Mr. Kemal Karkin
Chairman of the Sava Commission





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**RULES ON MINIMUM REQUIREMENTS
FOR THE ISSUANCE OF
BOATMASTER'S LICENSES
ON THE SAVA RIVER BASIN**

Chapter 1

GENERAL PROVISIONS

Article 1.0 - Scope

The present Rules shall be applied on the inland waterways on the Sava River from the river kilometer 0.00 to the river kilometer 586.00, on the Kolubara River from the river kilometer 0.00 to the river kilometer 5.00, on the Drina River from the river kilometer 0.00 to the river kilometer 15.00, on the Bosna River from the river kilometer 0.00 to the river kilometer 5.00, on the Vrbas River from the river kilometer 0.00 to the river kilometer 3.00, on the Una River from the river kilometer 0.00 to the river kilometer 15.00 and on the Kupa River from the river kilometer 0.00 to the river kilometer 5.00.

Article 1.1 - Purpose

1. These rules are to provide minimum requirements for the issuance and method for acquiring the boatmaster's licenses for the Sava River as well as the recognition of licenses.
2. In general, these rules shall apply to boatmasters of motorized vessels except the small crafts, floating equipment, assembly of floating material and ferry- boats.
3. Parties to the FASBR (hereinafter "the Parties") issuing a boatmaster' license for the carriage of goods and passengers by inland waterway (hereinafter "the license"), shall do so in accordance with the model described in Annex 1.
4. Parties shall take all appropriate measures to preclude the risk of licenses being forged.

Article 1.2 – Definitions

For the purposes of these Rules:

- (a) 'competent authority' means the authority designated by a Party to issue licenses after verifying that the applicants meet the requirements;
- (b) 'boatmaster' means the person referred to in the Article 1.02 of the Navigation Rules on the Sava River Basin who has the necessary aptitude and qualifications to navigate a vessel on the Sava River waterway, as well as the general responsibility for the ship and navigation;
- (c) 'member of the bridge crew' means a person who has regularly participated in navigating a vessel in inland navigation, including manning the tiller.

Article 1.3 – Types of licenses

1. Types of the boatmaster licenses are:
 - a) Type A – valid for all vessels;
 - b) Type B – valid for vessels less than 35 m long, except vessels authorized to carry more than 12 passengers, when vessel is not engaged in towing, pushing or propelling side by side formation.

Chapter 2
MINIMUM REQUIREMENTS FOR THE ISSUANCE OF BOATMASTER'S
LICENSES

Article 2.1 – Boatmaster license type A

1. The issuance of boatmaster's licenses type A shall be contingent on their satisfying the following minimum requirements:

- (a) The applicant must be not less than 21 years of age;
- (b) The candidate must have minimum elementary education
- (c) The applicant must demonstrate his physical fitness by passing a medical examination which, among else, tests the visual and auditory acuity, color vision, motility of the upper and lower limbs and the neuro-psychiatric state and cardiovascular condition; Fulfillment of the prescribed health requirements shall be proven by a valid certificate of medical fitness issued by the health institute recognized by the competent authority, not older than three months.
- (d) The applicant must have a minimum of four years navigation service, acquired in the deck department on board of a motorized inland navigation vessel, of which at least two years of navigation service as a member of the bridge crew. To be taken into account navigation service must be validated by the competent authority by being entered in a personal service record.
- (e) The applicant must possess valid radio operator's certificate for the radiotelephone service on Inland Waterways in accordance with provisions of the Regional Arrangement Concerning the Radiotelephone Service on Inland Waterways – RAINWAT.
- (f) The applicant shall perform navigation on the section of the Sava river for which he/she is taking the exam, in 16 sailings within 10 years, of which at least 3 sailings in both directions (upstream/downstream) within 3 years preceding the registration for the exam.
- (g) The applicant must have passed the examination of professional knowledge to the satisfaction of the competent authorities; this examination shall cover at least the subjects set out in the Annex 2 to these Rules.

Article 2.2 – Boatmaster license type B

1. The issuance of boatmaster's licenses type B shall be contingent to the satisfying the following minimum requirements:

- (a) Requirements from Article 2.1, paragraph 1, items (a), (b), (c), (e), (f) and (g).
- (b) The applicant must have a minimum of one year navigation service, acquired in the deck department on board a motorized inland navigation vessel as a member of the bridge crew. To be taken into account navigation service must be validated by the competent authority by being entered in a personal service record.

Article 2.3 - Special provisions concerning professional experience

1. Navigation service is the time spent on board of the vessel in navigation, where 180 days of uninterrupted navigation shall be considered as a one year of navigation service. Within 365 consecutive days only 180 days of navigation can be taken into account.
2. The minimum duration of the professional experience stipulated in paragraph 2.1 item (c) may be reduced up to two years maximum:
 - (a) when the applicant holds a diploma of the specialized inland navigation training or school which comprises a period of mandatory on-board service in the deck department.
 - (b) when the applicant has a navigation service, acquired in the deck department on board of a motorized sea vessel, where 250 days of sea navigation shall be considered as a one year of navigation service

Chapter 3
EXAMINATION OF PROFESSIONAL KNOWLEDGE

Article 3.1 - Examination Committee

1. The Competent Authority shall designate the Examination Committee responsible for administering the appropriate examination of professional knowledge. Examination Committee shall be composed of the president, who is the staff member from the competent authority, and two or more members with different qualifications. The president and members shall have sufficient professional knowledge and minimum one member shall have the boatmaster A license for the section of the Sava river for which applicants are taking the exam.
2. The Competent Authority or the Examination Committee duly mandated by it shall establish the procedure and conditions of the examinations, so as to enable the verification of theoretical and practical knowledge required for the operation of vessels on the Sava river waterway. The Competent Authority shall inform the Sava Commission about the above mentioned procedure and conditions.

Chapter 4
PERIODICAL MEDICAL EXAMINATIONS

Article 4.1 – Physical fitness

1. On reaching the age of 50 years, the holder of a license must, in the following three months and subsequently every five years, undergo the examination referred to in Article 2.1, paragraph 1, item (b).
2. On reaching the age of 65 years, the holder of a license must, in the following three months and subsequently every year, undergo the examination referred to in Article 2.1, paragraph 1, item (b).
3. Fulfillment of the requirements referred to in paragraph 1 and 2 hereof shall be proven by

valid certificate of medical fitness issued by the recognized health institute.

Chapter 5
RECOGNITION OF THE LICENCE


Article 5.1 – Conditions for the recognition

1. Each Party shall recognize licenses issued in accordance with these Rules by the competent authorities of the other Parties.

2. Licenses issued by the bodies outside the Sava River Basin can be recognized as the subject to approval of the Sava Commission.

ANNEX 1

Specimen of the licence: dimensions 85 mm x 54 mm; basic color - blue

SAVA RIVER BOATMASTER'S LICENCE		STATE AND AUTHORITY	
1. A			
2. _____		6. _____	
3. _____		7. _____	
4. 29. 02. 1960.-HR-SISAK			
5. 02. 01. 1985.			
8. _____			
9. WHOLE SAVA RIVER AND TRIB.			
10. 31. 12. 2009.			
11.			

SAVA RIVER BOATMASTER'S LICENCE	
1. Type of the license	7. Photo of the holder
2. Name of the holder	8. Signature of the holder
3. Surname of the holder	9. Whole Sava and tributaries or km ___ to km ___ sector of the Sava river
4. Date, state, place of the birth	10. Expiry Date
5. Date of the issue	11. Remarks
6. License number	

ANNEX 2

PROFESSIONAL KNOWLEDGE REQUIRED TO OBTAIN THE BOATMASTERS' LICENCE FOR NAVIGATION ON THE SAVA RIVER

CHAPTER 1

General subjects relating to the transport of goods and passengers

1. Navigation

- (a) Detailed knowledge of the traffic regulations of inland waterways, particularly Navigation Rules on the Sava River Basin, including nautical signing (designation and buoying of waterways);
- (b) Detailed knowledge of the general geographical, hydrological, meteorological and morphological characteristics of the Sava and its tributaries;
- (c) Detailed knowledge of the of the navigational characteristics of the Sava fairway (description, dimensions)
- (d) Basic knowledge of the general geographical, hydrological, meteorological and morphological characteristics of the main European inland waterways;
- (e) Determination of the course, nautical printed matters and publications, buoyage systems.

2. Vessel maneuvering and handling

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

3. Vessel construction and stability

- (a) Knowledge of the basic principles of vessel construction with regard in particular to the safety of persons, the crew and the vessel;
- (b) Basic knowledge of Directive 2006/87/EC of the European Parliament and of the Council of 12 December 2006 laying down technical requirements for inland waterway vessels and repealing Council Directive 82/714/EEC;
- (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 in order to ensure their proper functioning;
- (b) Operation and inspection of the main and auxiliary engines and action to be taken in case of disorder.

5. Loading and unloading

- (a) Use of draught indicators;
- (b) Determination of the loading weight using the certificate of measurement;
- (c) Loading and unloading, stowage of cargo (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.

CHAPTER 2

Obligatory additional subjects for radar navigation

- (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 supplied by the equipment and knowledge of the limits of the information supplied by radar;
- (c) Use of the turn indicator;
- (d) Knowledge of the rules on radar navigation.

CHAPTER 3

Obligatory additional knowledge for passenger transport

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