Working Party on Inland Water Transport

Progress in CESNI/QP

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Technical requirements for Inland Navigation Vessels

CESNI has already develop standards for IWT vessels (ES-TRIN)

A: General technical standards for hull, propulsion and accommodation

B: Standards for passenger vessels

C: Standards for pushed or towed convoys and side by side formations

D: Standards for traditional craft

E: Standards for vessels using a fuel with a flashpoint lower than 55 degrees (i.e. LNG)
Standards for practical examination for IWT crews
Standards for practical examination for IWT crews

CESNI has already developed a draft curriculum of a practical examination.

The curriculum envisages testing the following competencies:

- Planning a journey
- Skippering an inland navigation vessel under predefined conditions / in predefined situations
- Completing a selection of manoeuvres
- Ability to assume command tasks and put them into effect by means of targeted activities
Standards for practical examination for IWT crews

Purpose of the practical examination:

The aim is to check the candidate’s fitness to skipper a vessel, i.e. his/her ability to prepare and carry out a journey under normal conditions, as well as his/her ability to cope in exceptional situations.

Skippering a vessel also calls for managerial skills; it is important to be able to give crew members clear instructions. The simulator/vessel may also be used for this purpose for giving instructions in connection with the journey.
**Competency standards for IWT crews**

CESNIs’ work is based on the STCIN standards developed during PLATINA 1

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- **Competency levels divided into management and operational levels**
- **Additional competencies for convoys and passenger vessels**
- **Additional standards for waterways with a maritime character and for vessels using LNG as fuel**
- **Standard for communication and linguistic knowledge (based on Riverspeak)**
Standards for simulators in IWT training and examination

UNECE
Working Party on Inland Water Transport
02.11.2016
Standards for simulators in IWT training and examination

CESNI will develop standards for a VHINS (Vessel handling inland navigation simulator)

A: Technical standards
B: Standard for the VHINS as instrument for practical assessments

CESNI has already taken the following steps

A: Development of a draft content for practical assessments
B: Development of a list of 75 required functionalities
C: Development of technical requirements for simulators used for assessments
Standards for simulators in IWT training and examination

Three different quality steps for VHINS

A: High: Very detailed simulation – environment (wind, current etc.) influences vessel on many different points

B: Medium: Medium detailed simulation – environment influences vessel on some designated points

B: Basic: Simple simulation – environment influences vessel on very few designated points

The different quality steps should be applicable for different assessments
Standards for simulators in IWT training and examination

Further steps – “CESNI/QP/Simul”

Establishment of a non-permanent working/expert group on VHINS

Task 1: Preparation of a proposal regarding the technical requirements and functionalities for VHINS

Task 2: Assessment of the necessity for a standard for the accreditation of VHINS

Tasks 1 and 2 can be awarded to different experts!
Standards for minimum medical requirements for IWT crews

CESNI is currently developing minimum standards for IWT crews

Discussion: Is the current standard set by the CCNR the starting point?

Discussion: Should the STCW standards for coastal waters also be incorporated
Thank you very much!

Большое спасибо!