



Working Party on Inland Water Transport

Progress in CESNI/QP

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Progress in CESNI

Technical requirements for Inland Navigation Vessels

Standards for practical examination for IWT crews

Competency standards for IWT crews

Standards for simulators in IWT training and examination

Standards for minimum medical requirements for IWT crews



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Technical requirements for Inland Navigation Vessels

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

i.e.

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)



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Standards for practical examination for IWT crews



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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



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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.



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Competency standards for IWT crews

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

Column 1	Column 2	Column 3	Column 4
COMPETENCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE

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)



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Standards for simulators in IWT training and examination



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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



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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



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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 of a standard for the accreditation of VHINS

Tasks 1 and 2 can be awarded to different experts!



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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



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Thank you very much!

Большое спасибо!



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