



CESNI work programme 2025-2027

Caption:

Strategic Guidelines (A, B, C)

Bold means problem analysis.

An italic task number means that this task is continued from the previous work programme.

Priority I means ongoing or to be started in the first half of the mandate.

Priority II means to be started in the second half of the 3-year mandate, generally as soon as the working group has finalised the proposals for topics of priority I.

Priority III means no action foreseen, to be evaluated after 2 years.

Priority P as "Permanent" means that the particular action is to be performed continuously. The action in question has no start or endpoint.

Part “Technical requirements”

Code	Task of the CESNI work programme	Priority	Working documents
<p>A) CESNI shall prepare and adopt standards in the field of technical requirements for vessels, actively promoting:</p> <ul style="list-style-type: none"> • the regular revision of ES-TRIN to maintain and guarantee the high level of safety in inland navigation and to follow the technical evolution, • new technologies and innovation, including the use of relevant alternative fuels, batteries and electric propulsion systems, supporting the transition towards zero-emission for the fleet, • the digitalisation of inland navigation, including automated vessels, digital documents as well as navigation and information equipment, • electronic tools for recording and exchanging information on vessels, • an international labelling system, • the review and further simplification of the transitional provisions for the existing fleet. 			
PT-1	To draft requirements for the use of alternative fuels on inland navigation vessels (Chapter 30 and Annex 8), with the support of the temporary working group CESNI/PT/FC	/	<p>CESNI/PT (21) 43 – Com. FR CESNI/PT (21) 44 – Com. DE CESNI (23) 22 – Com. Secr.</p>
PT-2	To finalise the transitional provisions of requirements for electric propulsion systems (Chapter 11)	/	<p>CESNI/PT (17) 10 – Com. DE CESNI/PT (19) 74 – Com. NL CESNI/PT (21) 19 – Com. DE/FR/NL/Secr. CESNI/PT (21) 42 – Com. NL</p>
PT-3	To review requirements for lithium-ion accumulators	/	<p>CESNI/PT (24) 47 – Com. HR, DE, FR CESNI/PT (23)m 25, item 3.6</p>
PT-4	To draft a standard relating to a methodology for measuring and calculating emissions from inland navigation vessels as well as defining emission classes		<p>CESNI (23) 17 – Com. CCNR</p>
PT-5	To update requirements for navigation, position and information equipment	//	<p>CESNI/PT (24) 49 – Com. DE</p>
PT-6	To finalise the requirements for electronic equipment, systems and networks (Chapter 12)	/	<p>CESNI/PT (21) 31 – Com. Secr. CESNI/PT (21) 32 – Com. Secr. CESNI/PT (24) 37 – Com. BE/DE CESNI/PT (24) 49 – Com. DE</p>

Code	Task of the CESNI work programme	Priority	Working documents
PT-7	To draft minimum requirements for track guidance assistant for inland navigation	I	CESNI/PT (21) 68 – Com. CCNR CESNI (23) 6 – Com. CCNR CESNI/PT (24) 2 – Com. Secr.
PT-8	To draft minimum requirements for bridge collision warning systems (possibly including a test standard)	II	CESNI/PT (24) 49 – Com. DE
PT-9	To draft requirements for the equipment on remotely operated craft on the basis of the experience collected, and then subsequently, to draft requirements and recommendations relating to remote operation centres	II	CESNI/PT (21) 67 – Com. CCNR CESNI (24) 16 = CESNI/PT (24) 50 – Com. CCNR CESNI/PT (24) 49 – Com. DE
PT-10	To draft a new model of inland navigation vessel certificate and the corresponding ESI instruction	I	CESNI/PT (20) 46 rev. 1 – Com. Secr CESNI/PT/Mod (24) 5 rev. 2 – Com. Secr.
PT-11	To review and simplify the transitional provisions for existing vessels, with the support of a temporary working group	I	CESNI/PT (20) 34 – Com. BE CESNI/PT (22) 14 rev. 2 – Com. Secr. CESNI/PT/DT (24) 1 rev.1 – Com. Secr.
PT-12	To review the long-term transitional provisions with a view to finding a collective solution aimed at preserving small vessels of less than 55m	II	CESNI (24) 16 = CESNI/PT (24) 50 – Com. CCNR
PT-13	To review requirements for newly built cargo vessels of less than 55m and then subsequently newly built small floating equipment	III	CESNI/PT (21) 47 – Com. FR CESNI/PT (24) 51 rev. 1 – Com. IWTp (not yet available)
PT-14	To ease the proper implementation of the existing stability requirements, in particular with weight verification and heeling test on renewal of the inland navigation vessel certificate, and then subsequently, to review stability requirements for the different types of craft	III	CESNI/PT (17) 53 – Com. AT CESNI/PT (18) 45 – Com. FR CESNI/PT (21) 37 – Com GERC (item 2 c) CESNI/PT (24) 58 – Com. FR CESNI/PT (24) 71 – Com. GERC (not yet available)

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PT-15	To review hull's strength requirements, prepare an ESI for hull inspection and develop guidelines for vessel loading	II	CESNI/PT (24) 46 – Com. BE
PT-16	To review requirements for passenger sailing vessels (Chapter 20) to increase the safety level and keep pace with technological development	II	CESNI/PT (24) 43 – Com. NL
PT-17	To review requirements concerning the minimum speed, the manoeuvrability and the stopping capacity of large pushed convoys (Articles 5.06, 5.07 and 5.09)	II	CESNI/PT (24) 44 – Com. AT, RO
PT-18	To review requirements concerning draught scales (Article 4.04) for passenger vessels, pushers and floating equipment	III	CESNI/PT (24) 46 – Com. BE

Code	Task of the CESNI work programme	Priority	Working documents
<p>B) CESNI shall support proper implementation of standards in the field of vessel technical requirements, including:</p> <ul style="list-style-type: none"> • maintenance of quality standards and guidelines, • preparation of explanatory notices for the major standards or amendments, • deliberation on the uniform interpretation and application of the standards, including guidance for inspection bodies, • cooperation with international standardisation bodies, • facilitation of innovation by reducing administrative burden in implementation, • deliberation on derogations and equivalences of technical requirements for a specific craft, • technical guidance regarding on-shore power supply to inland vessels for ports, operators and administrations. 			
<i>PT-19</i>	To deliberate on derogations and equivalences of technical requirements for specific craft	<i>P</i>	-
<i>PT-20</i>	To deliberate on the uniform interpretation and application of the standards as well as maintain quality standards, instructions and FAQ	<i>P</i>	CESNI/PT (24) 49 – Com. DE (examples)
<i>PT-21</i>	To prepare explanatory notices for the major standards or amendments	<i>P</i>	CESNI (24) 2 – Com. Secr.
<i>PT-22</i>	To prepare and organise the next joint meeting of the inspection bodies (as well as address remaining issues from the meeting in Zagreb in 2023)	<i>P</i>	CESNI/PT (23)m 60 rev. 1
<i>PT-23</i>	To update the lists of approved authorities, firms, installations and equipment in the field of technical requirements for inland navigation vessels (listes.cesni.eu)	<i>P</i>	-

Code	Task of the CESNI work programme	Priority	Working documents
C)	<p>On priority topics regarding safe and sustainable inland navigation, and other areas of inland navigation, CESNI shall provide advice and analysis in the field of vessel technical requirements, in particular for:</p> <ul style="list-style-type: none"> • the deployment of new technologies and alternative fuels, • the European Hull Database (EHDB), • the reduction of the environmental impact of inland navigation (air, noise, vibrations, and water pollutions, as well as greenhouse gases), • the prevention of damages and collisions, • accident data with a view to improving technical requirements and preventing further accidents, in close cooperation with CESNI/QP. 		
PT-24	To give advice and support for the development and implementation of the European Hull Database (EHDB), including possible adaptations of ES-TRIN and possible interlinks between the data fields of the new model of inland navigation vessel certificate	III	-
PT-25	To make a gap analysis of ES-TRIN to support automated navigation	III	CESNI/PT (21) 73 – Com. BE
PT-26	To gather experience gained from research projects and practical experience in adapting vessels to low-water periods, as well as monitoring obstacles and regulatory gaps	P	CESNI (24) 16 = CESNI/PT (24) 50 – Com. CCNR
PT-27	To follow-up to recommendations after investigations of serious accidents	P	CESNI/PT (24) 46 – Com. BE

Part “Professional qualifications”

Code	Task of the CESNI work programme	Priority	Working documents
<p>A) CESNI shall prepare and adopt standards in the field of professional qualifications, actively promoting:</p> <ul style="list-style-type: none"> - the regular revision of ES-QIN to maintain and guarantee the high level of safety in inland navigation and to follow the technical evolution, - the development of competence-based standards for <ul style="list-style-type: none"> o entrepreneurs, in particular for digitalisation and greening, o working with new and innovative technologies including the use of relevant alternative fuels, batteries and electric propulsion systems, o working with increasingly digitalised vessels, included automated vessels, o eco-navigation, o modern training tools, including remote learning, - the establishment of modern manning requirements, - electronic tools for recording and exchanging information on crew. 			
QP-1	Update of ES-QIN with a view to regular revisions of ES-TRIN, ES-RIS and other regulations (e.g. in the field of cyber security, regulations from EU, IMO etc., technical standards from ISO, CEN)	<i>P</i>	ES-QIN 2024/1
QP-2	Draft tables of competence of entrepreneurs (freight transport) in inland navigation including green and digital competences as input for update of Directive 87/540 ¹ after fitness check and evaluation	I	CESNI/QP (24) 2 rev. 2 CESNI/QP (21) 88 – Com. Secr.
QP-3	Draft tables of competence of entrepreneurs (passenger transport) in inland navigation including green and digital competences as input for update of Directive 87/540 ¹ after fitness check and evaluation	III	CESNI/QP (21) 88 – Com. Secr.
QP-4	Draft competence tables for new and innovative technologies including the use of relevant alternative fuels (e.g. hydrogen, ammonia), and propulsion systems, including an evaluation of the adopted approach for methanol and electric propulsion systems.	I	CESNI/QP (21) 87 – Com. Secr. CESNI (24) 7 rev. 1 = CESNI/QP (24) 9 rev. 2 – Com. Secr. (methanol) CESNI (24) 6 rev. 1 = CESNI/QP (24) 8 rev. 2 (electric propulsion)
QP-5	Revision of the standards for the practical examination for obtaining a certificate of qualification as a liquefied natural gas (LNG) expert, and assessment of the needs to develop standards for other technologies (e.g. methanol, hydrogen, electric propulsion, ammonia)	I	CESNI/QP (24) 27 – Com. NL
QP-6	New standards on simulators for new competences related to alternative energies (including LNG)	//	CESNI/QP (21) 53 – Com. NL CESNI/QP (21) 90 – Com. Secr.

¹ Council Directive of 9 November 1987 on access to the occupation of carrier of goods by waterway in national and international transport and on the mutual recognition of diplomas, certificates and other evidence of formal qualifications for this occupation (87/540/EEC) (OJ L 322, 12.11.1987, p. 20).

Code	Task of the CESNI work programme	Priority	Working documents
QP-7	Standards and recommendations relating to operators in remote operation centres (ROC) and crew members (OL and ML) on board of remotely operated vessels	III	CESNI/QP (21) 69 rev. 1 = CESNI/PT (21) 67 rev. 1 = CESNI/TI (21) 53 rev. 1 – Com. CCNR
QP-8	Update of competence standards, draft standards for (practical) examination and draft standards on simulators for the use of the track guidance assistant for inland navigation, and development of a brochure for users	I	CESNI/QP (21) 70 = CESNI/PT (21) 68 = CESNI/TI (21) 54 – Com. CCNR CESNI/QP (24) 20 rev. 1
QP-9	Update of competence standards and standards for practical examinations as a concrete follow-up to the 2023 meeting of exam commissions	I	CESNI/QP (24) 28 – Com. Secr. CESNI/QP (24) 19 rev. 1 – Com. Secr CESNI/QP (23) 102 – Com. Secr
QP-10	Draft standards for flexible minimum crewing requirements (based on workload and task allocation)	I	CESNI/QP (21) 51 – Com. Secr. CESNI/QP/Crew (24) 8 rev. 2
QP-11	Development of a CESNI approach for safety personnel and if necessary, development of guidelines for the first aider and breathing apparatus wearer	I	CESNI/QP (24) 44 – Com. HU
QP-12	Draft standards for functional and technical requirements of electronic tools for recording and exchanging information on crew	I	CESNI/QP (24) 29 – Com. DG MOVE CESNI/TI (24) 28 = CESNI/QP (24) 26
QP-13	Regulatory review to promote opportunities for various simulator applications	II	CESNI (24) 16 = CESNI/QP (24) 35 – Com. CCNR

Code	Task of the CESNI work programme	Priority	Working documents
<p>B) CESNI shall support proper implementation of standards in the field of professional qualifications, including:</p> <ul style="list-style-type: none"> - maintenance of quality standards and guidelines, - preparation of explanatory notices for the major standards or amendments, - deliberation on the uniform interpretation and application of the standards. 			
QP-14	Maintenance of guidance documents and standards outside ES-QIN e.g. model exams, practical examination on OL, basic safety training for deckhands, standardised phrases, medical certificate, guidelines, etc.	P	CESNI/QP (21) 74 – Com. Secr.
QP-15	Setting up and support for a European Database of multiple-choice questions for the management level (ML)	I	CESNI/QP (21) 73 – Com. Secr. CESNI/QP/QM (24) 23 (state of play April 2024)
QP-16	Meeting of exam commissions and trainers in approved training programmes (every 3 years)	P	CESNI/QP (21) 79 – Com. Secr.
QP-17	Explanatory notices for important new standards, for guidance documents and for major amendments of such documents	P	
QP-18	Interpretation of ES-QIN (e.g. via FAQs) and exchange on uniform application of standards and guidance documents	P	CESNI/QP (24)m 41 – agenda point 10.1. Delegations agreed to compare current procedures to approve simulators to determine whether these procedures need to be harmonised.
QP-19	Clarification of the terms “withdrawal”, “suspension”, “confiscation” and harmonisation of practical approaches	II	CESNI (24) 16 = CESNI/QP (24) 35 – Com. CCNR

Code	Task of the CESNI work programme	Priority	Working documents
	<p>C) On priority topics regarding safe and sustainable inland navigation, and other areas of inland navigation, CESNI shall provide advice and analysis in the field of professional qualifications, in particular for:</p> <ul style="list-style-type: none"> - the European Crew Database (ECDB), - concepts for refresher classes for crew members in the areas of digitalisation and greening of the fleet. 		
QP-20	Advice for ECDB: Support the evolution of the ECDB by collecting user experiences / feedback and by feeding it in a structured way into the improvement of the ECDB	/	
QP-21	Helping to make jobs related to inland waterways more attractive	P	CESNI (24) 16 = CESNI/QP (24) 35 – Com. CCNR CESNI/QP (24) 24 – IWT Platform
QP-22	Contribution to the review of Directive (EU) 2017/2397 by identifying issues that may need to be amended or addressed	P	CESNI (24) 16 = CESNI/QP (24) 35 – Com. CCNR

Part “Information technologies”

Code	Task of the CESNI work programme	Priority	Working documents
<p>A) CESNI shall prepare and adopt standards in the field of information technologies, actively promoting:</p> <ul style="list-style-type: none"> - the regular revision of ES-RIS to maintain and guarantee the high level of safety in inland navigation, to follow the technical evolution and to facilitate the integration of IWT in the logistic chains and dematerialisation of transport documents, - the digitalisation of IWT, including automated vessels, taking into account e.g. cybersecurity and data protection aspects, - electronic tools for recording and exchanging information on crew and vessels. 			
<i>TI-1</i>	Revision of the Inland ECDIS parts of ES-RIS, taking into account - if available - new developments regarding S-401 product specification	/	CESNI (24) 52 = CESNI/TI (24) 32 rev.1 = CESNI/TI/iECDIS (24) 22 rev.2
<i>TI-2</i>	Prepare the integration of the visualization of TGAIN into the inland ECDIS parts of ES-RIS	/	CESNI (24) 29 = CESNI/TI (24) 41 rev.1 = CESNI/TI/iECDIS (24) 21 rev.2
<i>TI-3</i>	Analysis and implementation of the visualization of radar-related information and information from emerging sensors for a higher automation of navigation in an Inland ECDIS	//	CESNI (24) 30 = CESNI/TI (24) 37 rev.1 = CESNI/TI/iECDIS (24) 20 rev.2
<i>TI-4</i>	Prepare the integration of the tests for the visualization of Inland AIS application-specific messages (ASM) into the Inland ECDIS test standard part of ES RIS	/	CESNI (24) 31 = CESNI/TI (24) 35 rev.1 = CESNI/TI/iECDIS (24) 19 rev.2
<i>TI-5</i>	Prepare a revision of the ERI part of ES-RIS	/	CESNI (24) 32 = CESNI/TI (24) 31 rev.1 = CESNI/TI/ERI (24) 17 rev.2
<i>TI-6</i>	Preliminary draft for an ERI Test Standard (focused on ERINOT message)	/	CESNI (24) 32 = CESNI/TI (24) 31 rev.1 = CESNI/TI/ERI (24) 17 rev.2
<i>TI-7</i>	Continue the transition from EDIFACT to XML in the ERI part of ES-RIS	/	CESNI (24) 32 = CESNI/TI (24) 31 rev.1 = CESNI/TI/ERI (24) 17 rev.2
<i>TI-8</i>	Draft amendments to Part II and Part VI of ES-RIS	//	CESNI (24) 35 = CESNI/TI (24) 34 rev.1 = CESNI/TI/VTT (24) 19 rev.2
<i>TI-9</i>	Improve quality control of NtS messages	//	CESNI (24) 36 = CESNI/TI (24) 33 rev.1 = CESNI/TI/NtS (24) 19 rev.2

Code	Task of the CESNI work programme	Priority	Working documents
TI-10	Prepare technical specifications for data for navigation and voyage planning, notably by integrating RIS.net concept in ES-RIS	I	CESNI (24) 37 = CESNI/TI (24) 40 rev.1 = CESNI/TI/NtS (24) 24 rev.2
TI-11	Prepare a revision of the NtS part of ES-RIS	I	CESNI (24) 36 = CESNI/TI (24) 33 rev.1 = CESNI/TI/NtS (24) 19 rev.2
TI-12	Standards and recommendations relating to centres for the remote operation of vessels (technical aspects, aspects relating to communication and the professional qualifications)	III	CESNI (24) 16 = CESNI/TI (24) 44 = CESNI/PT (24) 50 = CESNI/QP (24) 35
TI-13	Develop an information exchange standard for intention sharing, to be used between vessels or between a vessel and VTS.	I	CESNI (24) 40 = CESNI/TI (24) 42 rev.1 = CESNI/TI/IECDIS (24) 9 rev.2 = CESNI/TI/VTT (24) 9 rev.2
TI-14	Requirements for positioning equipment for future automation applications in inland navigation	II	CESNI (24) 41 = CESNI/TI (24) 25 rev.2 = CESNI/TI/IECDIS (24) 25 rev.2 = CESNI/TI/VTT (24) 23 rev.2

	Task of the CESNI work programme	Priority	Working documents
B) CESNI shall support proper implementation of standards in the field of RIS and other fields of information technologies, including: <ul style="list-style-type: none"> - maintenance of quality standards and guidelines, - preparation of explanatory notices for the major standards or amendments, - deliberation on the uniform interpretation and application of the standards, - the maintenance of the quality of the data in databases of particular importance for IWT, - collection of information on the implementation of RIS. 			
<i>TI-15</i>	Update of the document 'Maintenance procedures reference data and RIS Index'	<i>//</i>	CESNI (24) 43 = CESNI/TI (24) 45 rev.1
<i>TI-16</i>	Draft guideline on the integrity monitoring of the inland AIS VHF data link (AIS VDL)	<i>II</i>	CESNI (24) 25 = CESNI/TI (24) 34 rev.1 = CESNI/TI/VTT (24) 19 rev.2
<i>TI-17</i>	Update of the four guides on the key RIS technologies	<i>II</i>	CESNI (24) 45 = CESNI/TI (24) 50 rev.1 = CESNI/TI/iECDIS (24) 14 = CESNI/TI/NtS (24) 14 = CESNI/TI/ERI (24) 14 = CESNI/TI/VTT (24) 14
<i>TI-18</i>	Update the AIS installation guidelines following the evolution of ES-TRIN Annex 5	<i>I</i>	CESNI (24) 35 = CESNI/TI (24) 34 rev.1 = CESNI/TI/VTT (24) 19 rev.2
<i>TI-19</i>	Draft guidelines on ASM and AIS AtoN	<i>II</i>	CESNI (24) 35 = CESNI/TI (24) 34 rev.1 = CESNI/TI/VTT (24) 19 rev.2
<i>TI-20</i>	Maintenance of quality standards, in particular for terminology and normative references, including their publication and communication	<i>P</i>	CESNI (24) 48 = CESNI/TI (21) 46 corr.1

	Task of the CESNI work programme	Priority	Working documents
<p>C) On priority topics regarding safe and sustainable inland navigation, and other areas of inland navigation, CESNI shall provide advice and analysis in the field of information technology, in particular for:</p> <ul style="list-style-type: none"> - the European Reference Data Management System (ERDMS), - initiatives on digital tools in inland navigation and gradual introduction of electronic documents, - the update of the technical frameworks for RIS. 			
TI-21	Evaluate the impact of the future revised RIS directive on ES-RIS	II	CESNI (24) 49 = CESNI/TI (24) 27 rev.1 = CESNI/TI/iECDIS (24) 10 rev.1 = CESNI/TI/NtS (24) 10 rev.1 = CESNI/TI/ERI (24) 10 rev.1 = CESNI/TI/VTT (24) 10 rev.1
TI-22	Based on a preliminary examination of the GDPR develop guidelines for the effective implementation of personal data protection measures in conjunction with data exchange standards for IWT in Europe	I	CESNI (24) 39 = CESNI/TI (21) 55 rev.1
TI-23	Analyse the impact of new technical developments on the VTT part of ES-RIS	III	CESNI (24) 35 = CESNI/TI (24) 34 rev.1 = CESNI/TI/VTT (24) 19 rev. 2
TI-24	Prepare a draft for good practice guide for cybersecurity onboard ships (and inland port)	III	CESNI (24) 33 = CESNI/TI (21) 64 rev.1
TI-25	Analyze and adapt to the European context the PIANC "Guidelines and Recommendations for RIS, Edition 2023" into CESNI RIS guidelines	II	CESNI (24) 47 = CESNI/TI (24) 39 rev.1
TI-26	Provide advice and analysis to support policy initiatives on digital tools in inland navigation. In particular at the request of CESNI/QP, contribute to the development of technical specifications in relation to the information technology applicable to e-tools used to record and exchange crew-related data.	P	CESNI (24) 38 = CESNI/TI (21) 51 rev.1 CESNI (24) 22 = CESNI/TI (24) 28 rev.1 = CESNI/QP (24) 26 rev.1
TI-27	Develop guidelines concerning implementation of digital technologies supporting automated navigation or remote operation systems, including cybersecurity aspects	II	CESNI (24) 42 = CESNI/TI (24) 38 rev.1
TI-28	Identification of obstacles and gaps in ES-RIS that could prevent the development of automated navigation or remote operation.	II	CESNI (24) 16 = CESNI/TI (24) 44 = CESNI/PT (24) 50 = CESNI/QP (24) 35
TI-29	Reflect on the introduction of digital signature in inland navigation to increase cybersecurity of electronic documents	II	CESNI (24) 46 = CESNI/TI (24) 51 rev.1
TI-30	Impact assessment of eFTI on the ERI part of ES-RIS	I	CESNI (24) 34 = CESNI/TI (24) 36 rev.1 = CESNI/TI/ERI (24) 19 rev.2

Part “General matters”

Code	Task of the CESNI work programme	Priority
AG-1	Possible revision of the CESNI Rules of Procedure <i>(Regarding the Rules of Procedure: Any proposed revision would need to be submitted to the CCNR.)</i>	P
AG-2	Follow-through and contribution to the Committee’s communication activities, with a view to ensuring the effective distribution of information on the CESNI’s activities and strengthening the level of acceptability and appropriation of the standards	P
AG-3	Collection of feedback and recommendations on innovative projects in inland navigation and requirements with regard to associated standards, to be used in preparing the CESNI’s future work programme beyond 2024	P
