



Resolutions CESNI 2018-II-17, 2019-I-3 and 2019-II-10

## CESNI 2019-2021 work programme (State: October 2020)

### Caption

#### Strategic Guidelines (A, B, C)

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 end point.

**Part “Technical requirements”**

Code	Task of the CESNI work programme	Legal framework / standards	Priority
<p>A) CESNI shall <b>prepare and adopt standards</b> in the field of technical requirements for vessels, considering actively:</p> <ul style="list-style-type: none"> <li>- the regular revision of ES-TRIN in order to maintain and guarantee the high level of safety in inland navigation and to follow the technical evolution,</li> <li>- new technologies and innovation, including the use of alternative fuels,</li> <li>- digitalisation of inland navigation, including automation of navigation,</li> <li>- the improvement of working environment and ergonomic conditions for workers on board,</li> <li>- the development and further simplification of the transitional provisions.</li> </ul>			
PT-1	On the basis of an impact analysis, to finalise the transitional provisions for electric propulsion systems	ES-TRIN, Chapter 11	I
PT-2	To examine and where necessary amend the special provisions applicable to passenger vessels with the support of the temporary Working group CESNI/PT/Pax	ES-TRIN, Chapter 19	II
PT-3	To draft requirements for electronic systems with the support of the temporary Working group CESNI/PT/Elec	ES-TRIN, Chapter 12	II
PT-4	<p>To draft a new model of inland navigation vessel certificate and the corresponding ESI instruction, in particular to support:</p> <ul style="list-style-type: none"> <li>- policy initiatives on digital tools in inland navigation, notably EC’s initiatives</li> <li>- gradual introduction of electronic documents</li> <li>- information exchanges between inspection bodies</li> </ul>	ES-TRIN, Annex 3 ESI-I-1	I
PT-5	To collect experience and draft requirements for systems intended to avoid bridge collisions involving the wheelhouse	ES-TRIN	I
PT-6	To draft requirements for the use of fuel cells on inland navigation vessels	ES-TRIN, Chapters 10 and 30	I

Code	Task of the CESNI work programme	Legal framework / standards	Priority
PT-7	To draft requirements for permanently installed firefighting systems for protecting objects	ES-TRIN, Article 13.06	II
PT-8	To review and amend the special requirements for recreational craft	ES-TRIN, Chapter 26	III
PT-9	To review and amend the provisions for foam fire extinguishers	ES-TRIN, Article 13.03(2)	I
PT-10	To review and amend requirements for the functioning and the use of navigational radar installations	ES-TRIN, Annex 5	II
PT-11	To clarify the conditions for the application of the transitional provisions of Chapters 32 and 33 of ES-TRIN	ES-TRIN, Chapters 32 and 33	I
PT-12	To review and amend the provisions for noise emission limits	ES-TRIN, Chapters 15, 32 and 33	I
PT-13	To modernise stability requirements, in particular weight verification and stability experiment on renewal of the inland navigation vessel certificate	ES-TRIN, Articles 3.02, 19.03, 20.03, Chapters 22, 27, 28 and 29	II
PT-14	To review and amend requirements for electric propulsion engines aft of the aft-peak bulkhead	ES-TRIN, Article 3.03(2)	I
<p>B) CESNI shall <b>support proper implementation of standards</b> in the field of vessel technical requirements, including</p> <ul style="list-style-type: none"> <li>- maintenance of quality standards,</li> <li>- preparation of explanatory notices for the major standards or amendments,</li> <li>- deliberation on the uniform interpretation and application of the standards, including guidance for inspection bodies,</li> <li>- preparation of guidelines for audit of inspection bodies and private organisations,</li> <li>- deliberation on derogations and equivalences of technical requirements for a specific craft.</li> </ul>			
PT-15	To maintain quality standards, in particular for terminology and normative references		P

Code	Task of the CESNI work programme	Legal framework / standards	Priority
PT-16	To prepare explanatory notices for the major standards or amendments	ES-TRIN	P
PT-17	To deliberate on the uniform interpretation and application of the standards	ES-TRIN, ESI ES-TRIN-faqs	P
PT-18	To draft an instruction ESI for a model of hull thickness measurement report	ES-TRIN, ESI	I
PT-19	In close cooperation with the other CESNI working groups, to clarify the requirements for training vessels	ES-TRIN	III
PT-20	Overview of the current practices in the inspection bodies	Draft standard	III
PT-21	To prepare and organise the joint meetings of the inspection bodies	-	P
PT-22	To deliberate on derogations and equivalences of technical standards for specific craft	-	P
PT-23	To examine the appropriate procedure for the certification of connectable pontoons	New ESI	I
<p>C) On priority topics regarding safe and sustainable inland navigation, CESNI shall <b>provide advice and analysis</b>, in particular as regards technical requirements for</p> <ul style="list-style-type: none"> <li>- deployment of new technologies and alternative fuels,</li> <li>- reduction of the environmental impact of inland navigation, including emission of greenhouse gases,</li> <li>- system of standardisation of equipment installed on board inland navigation vessels,</li> <li>- advice and support for the development and implementation of the European Hull Database (EHDB).</li> </ul>			
PT-24	To examine the opportunity of global approach for alternative motorisation solutions	ES-TRIN	III
PT-25	To examine the need for requirements applying to fuel-water emulsion systems	ES-TRIN, Chapter 8	III
PT-26	To assess the introduction of an energy index for inland vessels by analogy with maritime shipping	-	I

<b>Code</b>	<b>Task of the CESNI work programme</b>	<b>Legal framework / standards</b>	<b>Priority</b>
PT-27	In close cooperation with the other CESNI working groups, to give advice and support for the development and implementation of the European Hull Database (EHDB), including possible adaptations of ES-TRIN	ES-TRIN, Annex 2	P
PT-28	In close cooperation with the other CESNI working groups, to collect experience gained with pilot projects for automation of inland navigation and evaluation of the regulatory needs	-	P
PT-29	To collect data on main accidents	-	P
PT-30	To collect data on innovative inland navigation vessels, especially using alternative fuels	-	P
PT-31	To review transitional provisions for waste-water collection and disposal facilities	ES-TRIN	I
PT-32	Unforeseen amendments of ES-TRIN	ES-TRIN	-

**Part “Professional qualifications”**

Code	Task of the CESNI work programme	Legal framework / standards	Priority
<p>A) CESNI shall <b>prepare and adopt standards</b> in the field of professional qualifications, considering actively:</p> <ul style="list-style-type: none"> <li>- the regular revisions, in order to maintain and guarantee the high level of safety in inland navigation and to follow the technical evolution,</li> <li>- requirements for a monitoring system for quality management, in particular with respect to the competence standards,</li> <li>- the setting up of minimum requirements with regard to the basic safety training for deck crew members at entry level,</li> <li>- further definition of "standardised communication phrases",</li> <li>- the development of an approach for environment-friendly and efficient navigation (eco-navigation),</li> <li>- the development of standards for the use of modern training tools such as simulators used for training and assessment and development of e-learning tools.</li> </ul>			
QP-1	Revision of the adopted standards on competences, practical examinations, simulators and medical fitness with a special view to include new technologies and new future oriented-skills	Directive (EU) 2017/2397 <sup>1</sup> , Annex IV, RPN	P
QP-2	Draft standards for assessing and assuring the quality of training programmes and examination	Directive (EU) 2017/2397, Art. 19, Art. 27(3)(b), (c) and (d)	I
QP-3	Draft standards for basic safety training for deckhands	Directive (EU) 2017/2397, Annex I, (1.1)	I

<sup>1</sup> Directive (EU) 2017/2397 of the European Parliament and of the Council of 12 December 2017 on the recognition of professional qualifications in inland navigation and repealing Council Directives 91/672/EEC and 96/50/EC (OJ L 345, 27.12.2017, p. 53).

Code	Task of the CESNI work programme	Legal framework / standards	Priority
QP-4	Draft standards for standardised communication phrases in four languages	Directive (EU) 2017/2397, Annex II, (1.6) for OL and Annex II, (2.6) for ML	I
QP-5	Draft standards for environment-friendly and efficient vessel operation ( <i>eco navigation</i> )	Directive (EU) 2017/2397, Annex II, (2.1)	II
QP-6	Draft standards for the use of digital equipment for examination other than for the practical examination for obtaining the qualification of the boatmaster and for the specific authorisation to sail with the aid of radar	Directive (EU) 2017/2397 e.g. Art. 19(2)(a), 20(1), RPN	II
QP-7	Draft standards for the administration of certificates (issuing, suspension, withdrawal, etc.)	Directive (EU) 2017/2397, RPN	II
QP-8	Draft standards for practical examination for the operational level (OL)	Directive (EU) 2017/2397, Art. 17(2), Annex II, (1), RPN	I
QP-9	Inventory and evaluation of good practises in e-learning tools	-	III

Code	Task of the CESNI work programme	Legal framework / standards	Priority
QP-10	Draft standards for the use of a simulator for stretches with specific risks	Directive (EU) 2017/2397, Art. 20	III
QP-11	Draft standards for renewal of certificates for specific operations (content of refresher exams after 5 years for LNG experts and passenger navigation experts)	Directive (EU) 2017/2397, Annex I, (4.1). 3 <sup>rd</sup> indent; (4.2)(b), RPN	III
QP-12	Draft standards for models of medical certificates	Directive (EU) 2017/2397, Art. 23(1), (2), (3), RPN	II
QP-13	Contribution to the setting of technical requirements for training vessels in close cooperation with CESNI/PT	ES-TRIN	II



Code	Task of the CESNI work programme	Legal framework / standards	Priority
QP-14	Guidelines for exchange of information related to the certificates of qualification and service record books not covered by proceedings in CEG for social issues (e.g. ADN, engine personnel, national qualifications)	Directive (EU) 2017/2397, Art. 25, Art. 10(3) - (9), RPN	II
<p>B) CESNI shall <b>support proper implementation of standards</b> in the field of professional qualifications, including</p> <ul style="list-style-type: none"> <li>- maintenance of quality standards,</li> <li>- preparation of explanatory notices for the major standards or amendments,</li> <li>- preparation of uniform terminology,</li> <li>- preparation of guidelines for the assessment of certification systems used in third countries requesting recognition of certificates of qualification.</li> </ul>			
QP-15	Maintenance of quality standards, in particular for terminology and normative references (e.g. to EU or CCNR regulations, ES-TRIN, international regulation on radio communication etc.)	Directive (EU) 2017/2397, Annex IV and CESNI standards for models of certificates (QP standards), RPN	P
QP-16	Preparation of explanatory notices for the major standards or amendments	Directive (EU) 2017/2397, Annex IV and CESNI standards for models of certificates, RPN	I
QP-17	Deliberation on the uniform interpretation and application of the standards with a view to draft FAQ or service instructions to competent authorities if need be	CESNI/QP standards and RPN	P
QP-18	Draft standards for the implementation of theoretical exams for competence standards	Directive (EU) 2017/2397, Art. 16(1), RPN	I

Code	Task of the CESNI work programme	Legal framework / standards	Priority
QP-19	Guidelines for monitoring of training, assessment and certification (quality assurance system) including in third countries	Directive (EU) 2017/2397, Art. 27 and 10(3) - (9), RPN	I
QP-20	Preparation and organisation of the joint meeting of the examination bodies	-	II
<p>C) On priority topics regarding safe and sustainable inland navigation, CESNI shall <b>provide advice and analysis</b> in order to prepare further technical standards in view of possible future regulatory evolutions, in particular</p> <ul style="list-style-type: none"> <li>- technical recommendations for the setting up of manning requirements at EU and CCNR level on the basis of the results from the Social Partners' study TASCs,</li> <li>- the development of a proposal for a competence standard to access the occupation of carrier by inland waterways after evaluation of the entrepreneurial skills required today under Directive 87/540/EEC and national implementations.</li> </ul>			
QP-21	Analysis and technical advice on possible ways forward at European level based on TASCs project results	RPN, Possible future proposal for legal instrument at European level	I
QP-22	Technical advice for the setting up of manning requirements, including possible standards	RPN, Possible future proposal for legal instrument at European level	II
QP-23	Draft standards of competence for entrepreneur carrying goods or passengers by IWT	Directive 87/540/EEC <sup>2</sup>	II
QP-24	Collection of data on main accidents (casualties, wounded persons and substantial damage)	-	P

<sup>2</sup> 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).

**Part “Information technologies”**

Code	Task of the CESNI work programme	Legal framework / standards	Priority
<p>A) CESNI shall <b>prepare and adopt standards</b> in the field of information technologies, considering actively:</p> <ul style="list-style-type: none"> <li>- the regular revisions, in order to maintain and guarantee the high level of safety in inland navigation and to follow the technical evolution,</li> <li>- the development of voluntary standards, as long as EU legislations and the related implementing regulations and the Rhine regulations will not be amended to foresee references to standards adopted by CESNI.</li> </ul>			
TI-1	Prepare a revision of the technical specifications for the electronic chart display and information system (Inland ECDIS Standard, Edition 2.5)	<p>Commission Implementing Regulation (EU) 909/2013</p> <p>Commission Implementing Regulation (EU) 2018/1973</p>	II
	Preliminary draft for an Inland ECDIS Test Standard		I
	Preliminary draft amendment to the technical specifications for the electronic chart display and information system (Inland ECDIS Standard S-401)		II

Code	Task of the CESNI work programme	Legal framework / standards	Priority
TI-2	Prepare a revision of the technical specifications for electronic ship reporting (ERI Standard, Edition 1.4)	Commission Regulation (EC) 164/2010	II
	Draft a proposal to develop and update ERI XSD		I
	Draft a proposal to define Error codes' in the ERIRSP message		I
	Preliminary draft for an ERI Test Standard		II
	Draft a proposal to standardise ERIVOY message		I

Code	Task of the CESNI work programme	Legal framework / standards	Priority
TI-3	Prepare a revision of the technical specifications for vessel tracking and tracing systems and a draft amendment to VTT Standard (VTT Standard, Edition 1.4)	Commission Regulation (EC) 415/2007 as amended by the Commission Implementing Regulation (EU) 689/2012  Commission Implementing Regulation (EU) 2019/839	II
	Draft a proposal for a standard for AIS Application Specific Messages (ASM)		I
	Draft a proposal for a standard for AIS Aids to Navigation Report Messages (AIS AtoN)		I
	Draft amendment to Test Standard Inland AIS	Test standard Inland AIS (Edition 2017/2.0)  ES-TRIN (Art. 7.11)	I
TI-4	Prepare a revision of the technical specifications for Notices to Skippers (NtS Standard, Edition 5.0)	Commission Regulation (EC) 416/2007  Commission Implementing Regulation (EU) 2032/2018	II

Code	Task of the CESNI work programme	Legal framework / standards	Priority
	Draft a proposal to update of NtS XSD and NtS Web Service Specification		I
	Draft a proposal to update of the NtS Encoding Guide		I
	Draft a proposal to update of NtS Reference Tables		I
B) CESNI shall <b>support proper implementation of standards</b> in the field of RIS and in other fields of information technologies, including: <ul style="list-style-type: none"> <li>- maintenance of quality standards,</li> <li>- preparation of explanatory notices for the major standards or amendments.</li> </ul>			
TI-5	Maintenance of quality standards, in particular for terminology and normative references, including their publication and communication		P
TI-6	Develop guidelines and provide advice on the harmonised use and maintenance of the data of the RIS Index and other reference data required by the RIS Standards, such as the ERDMS	Directive (UE) 2005/44/EC, Annex I (indirect reference)	I
C) CESNI shall provide <b>advice and analysis</b> on information technologies standards (including RIS), in particular to support policy initiatives on digital tools in inland navigation (crew, vessels & infrastructure) and gradual introduction of electronic documents.			
TI-7	Provide advice and analysis on the possible revision of the RIS Guidelines as defined by Commission Regulation (EC) 414/2007 on the basis of the RIS Guidelines (Edition 4.0) developed by PIANC	Commission Regulation (EC) 414/2007  PIANC WG 125: RIS Guidelines, Edition 4.0	I

Code	Task of the CESNI work programme	Legal framework / standards	Priority
TI-8	Undertake a gap analysis of the RIS' implementation and identify standardisation needs in order to provide orientation for the future work programme of CESNI/TI		I
TI-9	Promoting the further integration of inland navigation into the logistics chains by identifying and implementing requirements for interfaces between RIS systems and systems of those involved in the processes.		P
TI-10	Provide advice and analysis to support policy initiatives on digital tools in inland navigation		P
TI-11	In close cooperation with the working groups CESNI/PT and CESNI/QP, collect the best practices related to the introduction of electronic documents (including organisation of a dedicated workshop), provide analysis and give recommendations on the gradual implementation of electronic documents in the inland navigation sector		II
TI-12	Undertake analysis and develop recommendations regarding cyber-risks and other safety risks for IT applications in inland navigation and provide proposals for concrete mitigation measures		I
TI-13	In close cooperation with the working groups CESNI/PT and CESNI/QP, collect experience gained with pilot projects for automation of inland navigation and the possible regulatory needs		II
TI-14	On the basis of preliminary screening of the GDPR, develop guidelines on the practical implementation of personal data protection measures related to data exchange standard for IWT in Europe.		II

**CESNI 2019-2021 work programme  
Part "General matters"**

Code	Task of the CESNI work programme	Priority
AG-1	Evaluation and 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 2021	P

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