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EUROPEAN COMMITTEE FOR DRAWING UP
STANDARDS IN THE FIELD OF INLAND
NAVIGATION

Collection of CESNI resolutions Meeting of 8 November 2018

Communication from the Secretariat

The Secretariat transmits herewith the collection of CESNI resolutions that were adopted by the Committee at its meeting on 8 November 2018.

RESOLUTIONS	
CESNI 2018-II-1	European Standard laying down Technical Requirements for Inland Navigation vessels, ES-TRIN, edition 2019/1
CESNI 2018-II-2	Standards for medical fitness
CESNI 2018-II-3	Standards of competence for the operational level
CESNI 2018-II-4	Standards of competence for the management level
CESNI 2018-II-5	Standards of competence for passenger navigation experts
CESNI 2018-II-6	Standards of competence for sailing on inland waterways with a maritime character
CESNI 2018-II-7	Standards of competence for sailing with the aid of radar
CESNI 2018-II-8	Standards of competence for liquefied natural gas (LNG) experts
CESNI 2018-II-9	Standards for the practical examination for obtaining a specific authorisation for sailing with the aid of radar
CESNI 2018-II-10	Standards for the practical examination for obtaining a certificate of qualification as a passenger navigation expert
CESNI 2018-II-11	Standards for the practical examination for obtaining a certificate of qualification as a liquefied natural gas (LNG) expert
CESNI 2018-II-12	Standards for practical examination for obtaining a certificate of qualification as a boatmaster
CESNI 2018-II-13	Standards for the additional module on supervision in the context of the practical examination for obtaining a certificate of qualification as a boatmaster
CESNI 2018-II-14	Standards for technical and functional requirements applicable to vessel-handling simulators and radar simulators

RESOLUTIONS	
CESNI 2018-II-15	Standards for the administrative procedure for the approval of vessel-handling simulators and radar simulators
CESNI 2018-II-16	Creation of a permanent Working group on information technologies (CESNI/TI)
CESNI 2018-II-17	CESNI 2019-2021 work programme

Resolution CESNI 2018-I-1

**European Standard laying down Technical Requirements for Inland Navigation vessels
ES-TRIN, edition 2019/1**

The European Committee for drawing up Standards in the field of Inland Navigation (“CESNI”),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the European Standard laying down Technical Requirements for Inland Navigation
vessels (ES TRIN) 2019/1 in the annex to this resolution,
proposes 1st January 2020 as the date for entry into force in accordance with article 10
paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-2

Standards for medical fitness

The European Committee for drawing up Standards in the field of Inland Navigation (“CESNI”),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards for medical fitness in the annex to this resolution,

proposes 18 January 2022 as the date for entry into force in accordance with article 10
paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-3

Standards of competence for the operational level

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards of competence for the operational level in the annex to this resolution,
proposes 18 January 2022 as the date for entry into force in accordance with article 10
paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-4

Standards of competence for the management level

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards of competence for the management level in the annex to this resolution,
proposes 18 January 2022 as the date for entry into force in accordance with article 10
paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-5

Standards of competence for passenger navigation experts

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards of competence for passenger navigation experts in the annex to this
resolution,
proposes 18 January 2022 as the date for entry into force in accordance with article 10
paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-6

Standards of competence for sailing on inland waterways with a maritime character

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards of competence for sailing on inland waterways with a maritime character
in the annex to this resolution,
proposes 18 January 2022 as the date for entry into force in accordance with article 10
paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-7

Standards of competence for sailing with the aid of radar

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards of competence for sailing with the aid of radar in the annex to this
resolution,
proposes 18 January 2022 as the date for entry into force in accordance with article 10
paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-8

Standards of competence for liquefied natural gas (LNG) experts

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards of competence for sailing with the aid of radar in the annex to this
resolution,
proposes 18 January 2022 as the date for entry into force in accordance with article 10
paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-9

Standards for the practical examination for obtaining a specific authorisation for sailing with the aid of radar

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards for the practical examination for obtaining a specific authorisation for sailing with the aid of radar in the annex to this resolution,
proposes 18 January 2022 as the date for entry into force in accordance with article 10 paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-10

Standards for the practical examination for obtaining a certificate of qualification as a passenger navigation expert

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),

having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,

adopts the standards for the practical examination for obtaining a certificate of qualification as a passenger navigation expert in the annex to this resolution,

proposes 18 January 2022 as the date for entry into force in accordance with article 10 paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-11

Standards for the practical examination for obtaining a certificate of qualification as a liquefied natural gas (LNG) expert

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards for the practical examination for obtaining a certificate of qualification as a liquefied natural gas (LNG) expert in the annex to this resolution,
proposes 18 January 2022 as the date for entry into force in accordance with article 10 paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-12

Standards for practical examination for obtaining a certificate of qualification as a boatmaster

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,
adopts the standards for practical examination for obtaining a certificate of qualification as a
boatmaster in the annex to this resolution,
proposes 18 January 2022 as the date for entry into force in accordance with article 10
paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-13

Standards for the additional module on supervision in the context of the practical examination for obtaining a certificate of qualification as a boatmaster

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),

having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,

adopts the standards for the additional module on supervision in the context of the practical examination for obtaining a certificate of qualification as a boatmaster in the annex to this resolution,

proposes 18 January 2022 as the date for entry into force in accordance with article 10 paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-14

Standards for technical and functional requirements applicable to vessel-handling simulators and radar simulators

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),

having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,

adopts the standards for technical and functional requirements applicable to vessel-handling simulators and radar simulators in the annex to this resolution,

proposes 18 January 2022 as the date for entry into force in accordance with article 10 paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-15

Standards for the administrative procedure for the approval of vessel-handling simulators and radar simulators

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),

having regard to CESNI's Rules of Procedure, in particular article 9 paragraph 1 thereof,

- adopts the standards for the administrative procedure for the approval of vessel-handling simulators and radar simulators in the annex to this resolution,

proposes 18 January 2022 as the date for entry into force in accordance with article 10 paragraph 2 of CESNI's Rules of Procedure.

Annex

(separately)

Resolution CESNI 2018-II-16

Creation of a permanent Working group on information technologies (CESNI/TI)

The European Committee for drawing up Standards in the field of Inland Navigation ("CESNI"),
having regard to article 8 of CESNI's Rules of Procedure and to CESNI's Internal Regulations
on working groups,

is setting up the CESNI Working group on information technologies (CESNI/TI),

invites the chairpersons of the RIS Expert Groups (Inland ECDIS Expert Group, VTT Expert
Group, ERI Expert Group and NtS Expert Group) to participate as observers in the work of the
Working group with reference to article 2, paragraph 3 (d) of its Rules of Procedure.

The Working group's mission is specified in the annex.

This Resolution shall enter into force on 1 January 2019. The Committee will examine this
decision in autumn 2019 with a view to gradually integrating the existing RIS expert groups into
CESNI's structure and procedures, as well as its work programme for information technologies, and
will adapt them if necessary.

Annex

Annex to Resolution CESNI 2018-II-16

**Mission of the CESNI permanent Working group on information technologies
(CESNI/TI)**

1. Mission

Having regard to CESNI's mission as determined in article 1 of the CESNI's Rules of Procedure, as well as CESNI's multi-annual work programme adopted in accordance with article 6 of CESNI's Rules of Procedure, the CESNI/TI permanent Working group's primary mission, under the Committee's guidance, is:

- a) to develop proposals for the development and revision of technical standards in the field of information technologies, in particular for River Information Services (RIS), including proposals for the revision of standards made mandatory by EU regulations;
- b) to promote the proper implementation of standards in the field of RIS and other areas of information technologies;
- c) to provide advice and analysis on information technology standards (including RIS), in particular to support policy initiatives on digital instruments in inland navigation and the gradual introduction of electronic documents.

This permanent Working group will also be responsible for developing proposals by autumn 2019 for the gradual integration of the existing RIS Expert Groups into the structure and procedures of CESNI. The proposals shall be prepared in close consultation with the RIS Expert Groups and shall take into account the resources available to the Secretariat to assist the experts.

2. Functioning

The permanent Working group CESNI/TI will have two to four meetings per year.

In accordance with Article 3 paragraph 4 of the Internal Regulations of CESNI on working groups, the Chair of the permanent Working group CESNI/TI will report orally during the meetings of the Committee on the Working group's progress. The Committee will also be the recipient of the permanent Working group CESNI/TI's reports and proposals.

Resolution CESNI 2018-II-17

CESNI 2019-2021 work programme

The European Committee for drawing up Standards in the field of Inland Navigation (CESNI),
having regard to its Rules of Procedure, in particular article 6 thereof,

having regard to the strategic guidelines for 2019-2021 proposed by DG MOVE and the CCNR Secretariat,

adopts the CESNI 2019-2021 work programme,

instructs its working groups to finalise the problem analyses on this work programme and, if necessary, to propose adjustments to the work programme and submit them to the Committee,

and undertakes to modify this work programme were this to prove necessary having regard in particular to the proposals referred to above as well as to the regulatory frameworks of the European Union and CCNR.

Annex

**CESNI 2019-2021 work programme
Part “Technical requirements”**

Caption

Strategic Guidelines (A, B, C)

Bold means problem analysis

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.

Code	Task of the CESNI work programme	Regulation	Priority	Working documents
A) CESNI shall prepare and adopt standards in the field of technical requirements for vessels, considering actively: <ul style="list-style-type: none"> - 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, - new technologies and innovation, including the use of alternative fuels, - digitalisation of inland navigation, including automation of navigation, - the improvement of working environment and ergonomic conditions for workers on board, - the development and further simplification of the transitional provisions. 				
PT-1	On the basis of an impact analysis, to finalise the transitional provisions for electric propulsion systems	ES-TRIN, Chapter 11	I	CESNI/PT (17) 10 – Com. Secr CESNI/PT (17) 79 rev. 1 – Com. Secr CESNI/PT (18)m 15, 4.2
PT-2	To review and amend the special provisions applicable to passenger vessels with the support of the temporary working group CESNI/PT/Pax	ES-TRIN, Chapter 19	II	RV (15) 20 = JWG (15) 51 – Com. NL CESNI (16) 24 – Com. FR CESNI/PT (17) 15 corr. – Com. NL CESNI (18) 1, Com. Secr, Annex 5 (Sea Europe) CESNI/PT (18)m 14 CESNI/PT (16) 55 rev. 2 Resolution CESNI 2018-I-2
PT-3	To draft requirements for electronic systems with the support of the temporary working group CESNI/PT/Elec	ES-TRIN, Chapter 12	II	JWG (14) 70 = RV/G (14) 76 – Com. DE JWG (15) 22 = RV/G (15) 22 – Com. DE CESNI/PT (17) 51 – Com. Secr Resolution CESNI 2017-III-1

Code	Task of the CESNI work programme	Regulation	Priority	Working documents
PT-4	To draft a new model of inland navigation vessel certificate and the corresponding ESI instruction, in particular to support : <ul style="list-style-type: none"> - policy initiatives on digital tools in inland navigation, notably EC's initiatives - gradual introduction of electronic documents - information exchanges between inspection bodies 	ES-TRIN, Annex 3 ESI-I-1	II	JWG (08) 21 – Com. DE RV (11) 48 = JWG (11) 84 – Com. BE RV/G (12) 60, F1 – Com. Secr RV (13) 54 = JWG (13) 51 – Com. FR CESNI/PT (18) 84 – Com. AT/Secr
PT-5	In close cooperation with the other CESNI working groups, to collect experience and draft requirements for systems intended to avoid bridge collisions involving the wheelhouse	ES-TRIN	I	CESNI/PT (17) 83 = CESNI (17) 32 – Com. DE
PT-6	To draft requirements for the use of fuel cells on inland navigation vessels	ES-TRIN, Chapters 10 and 30	II	CESNI/PT (18) 26 – Com. DE CESNI/PT (18) 80 – Com. DE
PT-7	To draft requirements for permanently installed firefighting systems for protecting objects	ES-TRIN, Article 13.06	I	CESNI/PT (18) 39 – Com. CH
PT-8	To review and amend the special requirements for recreational craft	ES-TRIN, Chapter 26	I	CESNI (18) 21 – Com. EBA CESNI/PT (18) 42 – Com. BE
PT-9	To draft a first set of harmonised requirements for vessels operating on waterways in zones 1 and 2	Draft standard	II	RV (13) 57 = JWG (13) 56 – Com. DE CESNI/PT (17) 88 rev. 1 – Com. Secr CESNI/PT (18) 27, 27 add. 1 and 27 add. 2 – Com. Secr CESNI/PT (18) 83 – Com. FR
PT-10	To review and amend requirements for the functioning and the use of navigational radar installations	ES-TRIN, Annex 5	II	CESNI/PT (18) 46 – Com. DE
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	CESNI/PT (18) 42 – Com. BE CESNI/PT (18) 56 – Com. DE

Code	Task of the CESNI work programme	Regulation	Priority	Working documents
PT-12	To review and amend the provisions for noise emission limits and for vibrations	ES-TRIN, Chapters 15, 32 and 33	I	JWG (09) 30 rev. 1 = RV/G (09) 45 rev. 1 – Com. DE JWG (11) 82 – Com. DE JWG (14) 83 rev. 1 = RV/G (14) 89 rev. 1 – Com. NL JWG (14)m 82 final, item 3.9 JWG (15)m 69 final, item 5.2 CESNI/PT (17) 66 rev. 1 corr – Com. Secr CESNI/PT (18) 73 – Com. DE CESNI/PT (18) 88 – Com. DE
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, 29	II	CESNI/PT (17) 53 – Com. AT CESNI (18) 1 – Com. Secr, Annex 5 (Sea Europe) CESNI/PT (17)m 93, item 4.5 CESNI/PT (18) 45 – Com. FR
PT-14	To review and amend requirements for electric propulsion engines aft of the aft-peak bulkhead	ES-TRIN, Article 3.03(2)	II	CESNI/PT (18) 92 – Com. BE
<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, - 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, - preparation of guidelines for audit of inspection bodies and private organisations, - deliberation on derogations and equivalences of technical requirements for a specific craft. 				
PT-15	To maintain quality standards, in particular for terminology and normative references		P	CESNI/PT (18) 77 – Com. DE
PT-16	To prepare explanatory notices for the major standards or amendments	ES-TRIN	P	CESNI/PT (18) 3 – Com. Secr
PT-17	To deliberate on the uniform interpretation and application of the standards	ES-TRIN, ESI ES-TRIN-faqs	P	CESNI Rules of procedure, Article 1

Code	Task of the CESNI work programme	Regulation	Priority	Working documents
PT-18	To draft an instruction ESI for a model of hull thickness measurement report	ES-TRIN, ESI	I	CESNI/PT (18) 52 – Com. HR RV/G (12)m 59, GRSC4 CESNI/PT (18)m 41, HR1
PT-19	To draft an instruction ESI for implementation of ES-TRIN, Chapter 9 (emission of gaseous and particulate pollutants from internal combustion engines).	ES-TRIN, Chapter 9 and ESI	I	CESNI/PT (18) 54 – Com. NL CESNI/PT (18) 48 rev. 1 – Com. Secr CESNI/PT (18) 79 – Com. DE
PT-20	In close cooperation with the other CESNI working groups, to clarify the requirements for training vessels	ES-TRIN	II	CESNI/PT (18) 42 – Com. BE (Annex 1) CESNI/QP (18) 25, item 9 RV (13) 53 – Com. Secr CESNI (18) 1 corr. – Com. Secr, Annex 3 (EDINNA)
PT-21	To draft guidelines for uniform implementation of the technical requirements (level-playing field) by inspection bodies and private organisations	Draft standard	II	CESNI/PT (18) 89 – Com. CE/Secr
PT-22	To prepare and organise the joint meeting of the inspection bodies (2021)		P	CESNI/PT (18)m 41 final
PT-23	To deliberate on derogations and equivalences of technical standards for specific craft	-	P	CESNI/PT (17) 52 rev. 1 – Com. Secr
<p>C) On priority topics regarding safe and sustainable inland navigation, CESNI shall provide advice and analysis, in particular as regards technical requirements for</p> <ul style="list-style-type: none"> - deployment of new technologies and alternative fuels, - reduction of the environmental impact of inland navigation, including emission of greenhouse gases, - system of standardisation of equipment installed on board inland navigation vessels, - advice and support for the development and implementation of the European Hull Database (EHDB). 				
PT-24	To examine the opportunity of global approach for alternative motorisation solutions	ES-TRIN	II	CESNI/PT (18) 44 – Com. FR CESNI/PT (18) 58 – Com. Secr

Code	Task of the CESNI work programme	Regulation	Priority	Working documents
PT-25	To examine the need for requirements applying to fuel-water emulsion systems	ES-TRIN, Chapter 8	II	CESNI/PT (18) 95 – Com. DE CESNI/PT (16) 79 – Com. DE CESNI/PT (16)m 86, item 7
PT-26	To examine the appropriate procedure for the certification of connectable pontoons		I	CESNI/PT (18) 51 – Com. NL CESNI/PT (18)m 41
PT-27	To assess the introduction of an energy index for inland vessels by analogy with maritime shipping		II	CESNI/PT (18) 94 – Com. DE
PT-28	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	I	CESNI/PT (17)m 89
PT-29	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-30	To collect data on main accidents		P	CESNI/PT (18) 63 – Com. Secr
PT-31	To collect data on innovative inland navigation vessels, especially using alternative fuels		P	/

**CESNI 2019-2021 work programme
Part “Professional qualifications”**

Caption

Strategic Guidelines (A, B, C)

Bold means problem analysis

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.

Code	Task of the CESNI work programme	Regulation	Priority	Working documents
A) CESNI shall prepare and adopt standards in the field of professional qualifications, considering actively: <ul style="list-style-type: none"> - the regular revisions, in order to maintain and guarantee the high level of safety in inland navigation and to follow the technical evolution, - requirements for a monitoring system for quality management, in particular with respect to the competence standards, - the setting up of minimum requirements with regard to the basic safety training for deck crew members at entry level, - further definition of "standardised communication phrases", - the development of an approach for environment-friendly and efficient navigation (<i>eco-navigation</i>), - 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. 				
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 ¹ , Annex IV, RPN	II	CESNI (18) 29 – Com. Secr. (standards for medical fitness) CESNI (18) 30 until 35 – Com. Secr. (standards for essential competence requirements) CESNI (18) 36 until 40 – Com. Secr. (standards for practical examinations) CESNI (18) 41 and 42 – Com. Secr. (standards for the approval of simulators)
QP-2	Draft standards for assessing and assuring the quality of training programmes and examination	Directive (EU) 2017/2397, Art. 19, partly Art. 27	I	CESNI/QP (18)m 27 final CESNI/QP (18)m 28, 4 CESNI/QP (18) 24 – Com. ETF CESNI/QP (18) 25 – Com. EDINNA STF (12) 27 – Com. DG MOVE

¹ 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	Regulation	Priority	Working documents
QP-3	Draft standards for basic safety training for entry level	Directive (EU) 2017/2397, Annex I 1.1	I	CESNI/QP (18)m 27 final CESNI/QP (18) 9 – Com. Secr. (CIPA rules) CESNI/QP (18)m 28, 4
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	CESNI/QP (18)m 27 final CESNI/QP (18)m 28, 4 CESNI/QP (18) 24 – Com. ETF CESNI/QP (18) 25 – Com. EDINNA Radiocommunication guide for inland navigation – Regional part Rhine and Moselle (2018)
QP-5	Draft standards for smart shipping, including environment-friendly and efficient navigation (<i>eco navigation</i>)	Directive (EU) 2017/2397, Annex II, 2.1	I	CESNI/QP (18)m 27 final CESNI/QP (18)m 28, 4 CESNI (18) 1 corr. Annex 1 – Com. EBU/ESO CESNI/QP (18) 24 – Com. ETF
QP-6	Draft standards for the use of simulators for training programmes and examination	Directive (EU) 2017/2397, Art. 19(2)a, 20(1), RPN	II	CESNI/QP (18) 24 – Com. ETF CESNI/QP (18) 25 – Com. EDINNA CESNI/QP (18)m 27, 2
QP-7	Draft standards for the administration of certificates (Issuing, suspension, withdrawal etc.)	Directive (EU) 2017/2397, RPN	II	CESNI/QP (18) 27, 7 – Com. Secr.
QP-8	Draft standards for practical examination of OL	Directive (EU) 2017/2397, Art. 17(1), Annex II, 1, RPN	I	CESNI (18) 1 corr. Annexes 2 and 3 (Com. ETF and EDINNA) CESNI/QP (18) 25 – Com. EDINNA CESNI/QP (18) 30 = STF (18)m 15 – Com. Secr.
QP-9	Inventory and evaluation of good practises in e-learning tools	-	II	Results of projects like PROMINENT, sm@rt qualification, INES and ongoing research projects
QP-10	Draft standards for the use of digital tools for training and examination with a simulator for stretches with specific risks	Directive (EU) 2017/2397, Art. 20	II	Good practise from Member States who will have defined stretches with specific risks according to Art. 9 of the Directive

Code	Task of the CESNI work programme	Regulation	Priority	Working documents
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 rd indent; 4.2 (b), RPN	II	CESNI/QP (18) 24 – Com. ETF
QP-12	Draft standards for models of medical documents	Directive (EU) 2017/2397, Art. 23(2), (3), RPN	II	CESNI/QP (17)m 12, 4.1.
QP-13	Contribution to the setting of technical requirements for training vessels in close cooperation with CESNI/PT	ES-TRIN	I	CESNI/PT (18) 42 – Com. BE (Annex 1) RV (13) 53 – Com. Secr. CESNI/QP (18) 25 (EDINNA)
<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, - preparation of explanatory notices for the major standards or amendments, - preparation of uniform terminology, - preparation of guidelines for the assessment of certification systems used in third countries requesting recognition of certificates of qualification. 				
QP-14	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	Draft delegated acts and draft implementing acts under Directive (EU) 2017/2397 which have to be updated, just like references to CESNI in CCNR resolutions amending RPN etc.
QP-15	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	Comparable to example of CESNI/PT (18) 3 – Com. Secr.

Code	Task of the CESNI work programme	Regulation	Priority	Working documents
QP-16	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	CESNI rules of procedures, Article 1
QP-17	Draft standards for the implementation of theoretical exams for competence standards	Directive (EU) 2017/2397, Art. 17(1), RPN	I	CESNI/QP (18) 30 = STF (18)m 15
QP-18	Guidelines for the assessment and monitoring of the quality assurance systems including in third countries	Directive (EU) 2017/2397, Art. 27 and 10(3)-(9), RPN	II	/
QP-19	Uniform implementation and setting up procedures for access procedure to European Crew Qualification Database and e-SRB and e-Logbooks including recognized certificates from third countries	Directive (EU) 2017/2397, Art. 25, 10(3)-(9), RPN	II	CESNI/QP (18) 15
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 provide advice and analysis in order to prepare further technical standards in view of possible future regulatory evolutions, in particular</p> <ul style="list-style-type: none"> - 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, - 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. 				
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	CESNI (18) 1 corr. Annex 1– Com. EBU/ESO CESNI/QP (18) 24 – Com. ETF Project end report (due in January 2019)

Code	Task of the CESNI work programme	Regulation	Priority	Working documents
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	CESNI (18) 1 corr. Annex 1 – Com. EBU/ESO CESNI/QP (18) 24 – Com. ETF Project end report (due in January 2019)
QP-23	Draft standards of competence for entrepreneur carrying goods or passengers by IWT	Directive 87/540/EEC ²	II	/
QP-24	Collection of data on main accidents		P	/

² 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).

**CESNI 2019-2021 work programme
Part “Information technologies”**

Indication

Most of the tasks are initiated by and will be executed in close cooperation with the RIS Expert Groups, i.e. the ERI EG, Inland ECDIS EG, NtS EG and VTT EG.

Caption

Strategic Guidelines (A, B, C)

Bold means problem analysis

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.

Code	Task of the CESNI work programme	Regulation / Standards	Priority	Proposed working documents by the RIS Expert Groups, CCNR or others
A) CESNI shall prepare and adopt standards in the field of information technology, considering actively: <ul style="list-style-type: none"> - the regular revisions, in order to maintain and guarantee the high level of safety in inland navigation and to follow the technical evolution, - 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. 				
TI-1	Prepare regular revisions of the technical specifications for the electronic chart display and information system (Inland ECDIS Standard)	Commission Implementing Regulation (EC) 909/2013	II	Inland ECDIS Standard (Edition 2.3; Edition 2.4) Inland ECDIS Technical clarification 2.3 Inland ECDIS Expert Group and VTT Expert Group: Guidelines for the Visualisation of Inland AIS Related Data in Inland ECDIS Displays (Edition 1.0); Technical requirements for the processing and visualisation of Inland AIS related data in Inland ECDIS Displays (Edition 1.1); Preliminary Draft Technical clarification on Inland ECDIS Standard Edition 2.3 of 16.10.2012; Preliminary Draft of S-401 related to the future evolution of the Inland ECDIS

Code	Task of the CESNI work programme	Regulation / Standards	Priority	Proposed working documents by the RIS Expert Groups, CCNR or others
TI-2	Prepare regular revisions of the technical specifications for electronic ship reporting (ERI Standard)	Commission Regulation (EC) 164/2010	II	<p>ERINOT 1.2 XSD XSD standard for ERINOT 1.2 message: encoding guidelines CCNR: Standard for Electronic Ship Reporting in Inland Navigation (ERI) (Edition April 2013) ERI Expert Group: ERINOT_SRS_V1_2 ERI Expert Group: Proposal by ERI WG 4 on shipborne reporting equipment</p>
TI-3	Prepare regular revisions of the technical specifications for vessel tracking and tracing systems (VTT Standard)	Commission Regulation (EC) 415/2007 as amended by the Commission Implementing Regulation (EU) 689/2012	II	<p>CCNR: Standard Edition 1.2 Test Standard Inland AIS - Edition 2.0 Technical clarifications 2014 Edition 1.2</p> <p>VTT Expert Group: Inventory for Harmonised Inland AIS Application Specific Messages in Europe (Edition 1.3); Guidelines for Defining Application Specific Messages (Edition 1.0); Information paper on Application Specific Messages (ASM) (Edition 1.1); European Harmonization process on Application Specific Messages for Inland AIS (Edition 2.0);</p> <p>VTT Expert Group: Information Paper on AIS Aids to Navigation Report Messages in Inland Navigation (Edition 1.1); Inland AtoN Codes for Use in AIS Message 21</p>
TI-4	Prepare regular revisions of the technical specifications for Notices to Skippers (NtS Standard)	Commission Regulation (EC) 416/2007	II	<p>NtS Expert Group: NtS_XSD_(Edition 4.0.4.0 and 4.0.4.2) and NtS_WSDL_(Edition 2.0.4.0); NtS Reference Tables, Notices to Skippers Encoding Guide for editors (Edition 1.3); Notices to Skippers Encoding Guide for application developers (Edition 1.3)</p>

Code	Task of the CESNI work programme	Regulation / Standards	Priority	Proposed working documents by the RIS Expert Groups, CCNR or others
B) CESNI shall support proper implementation of standards in the field of RIS and in other fields of information technology, including: <ul style="list-style-type: none"> - maintenance of quality standards, - preparation of explanatory notices for the major standards or amendments. 				
TI-5	Maintenance of quality standards, in particular for terminology and normative references		P	/
TI-6	On the basis of a preliminary analysis/screening, develop guidelines on the harmonised use and maintenance of the data of the RIS Index as well as on issues related to the ERDMS in order to facilitate the implementation of the RIS-Standards Prepare a report on the desired evolutions of the RIS Index	Directive (UE) 2005/44/EC, Annex I (indirect reference)	II	RIS Index Encoding Guide version 2.0 Platina: Manuals and other documents related to the ERDMS
C) CESNI shall provide advice and analysis on information technology 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	Commission Regulation (EC) 414/2007	I	PIANC WG 125: RIS Guidelines, Edition 4.0
TI-8	Undertake a gap analysis of the RIS' implementation in order to provide orientation for the future work of the European RIS Expert Groups	New	I	/
TI-9	Collect good-practice of use of RIS technology and digital tools in order to facilitate a better integration of inland navigation in logistics and to promote multimodality		P	Various EU funded projects; upcoming corridor management plans
TI-10	Provide advice and analysis to support policy initiatives on digital tools in inland navigation		I	/
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	EC's initiatives: Ares(2017)2546864; Digital Transport and Logistics Forum (DTLF); European Electronic Signature Standardization Initiative (EESSI) E-tools: A Single Market Information Tool (SMIT) A Single Digital Gateway DINA study on the future digitalization of inland waterway, October 2017; eIWT project (e-tool) CCNR: RIS/G (16) 4 = RP/G (16) 2 – Com. Secr. CCNR: RIS/G (16) 10 = RP/G (16) 12 – Com. IVR UNECE: ECE/TRANS/WP.15/AC.1/2018/25

Code	Task of the CESNI work programme	Regulation / Standards	Priority	Proposed working documents by the RIS Expert Groups, CCNR or others
TI-12	Undertake technical and legal 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	PIANC TG 204: Awareness Paper on cyber security in inland navigation IALA: Why does cyber security become more and more important for successful VTS? Studies and guidelines published by classification societies Directive (EU) 2016/1148
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 evaluate possible regulatory needs		II	CCNR: RP (18) 32 rev. 1 CCNR: RIS/G (18) 23 CCNR: RP (18) 4 rev. 1 CCNR: RP (17) 14
TI-14	On the basis of preliminary screening of the GDPR, develop guidelines on the practical implementation of personal data protection measures		I	Regulation (EU) 2016/679

**CESNI 2019-2021 work programme
Part “General matters”**

Code	Task of the CESNI work programme	Priority	Working documents
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	CESNI Rules of Procedure (Resolution CCNR 2015-I-3) Internal Regulations on working groups (Resolution CESNI 2016-II-2) Internal Regulations on the status of approved non-governmental organisations (Resolution CESNI 2016-II-3) Internal Regulations on the status of observer States (Resolution CESNI 2017-I-1)
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 appropriate of the standards	P	CESNI (17) 28 = PRE (17) 26
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	/
