



UNECE

Inland Transport Committee

79th Session – Geneva

21-24 February 2017

**SC.3 - Working Party on
Inland Water Transport**

Progress & Results

Mr. Barthold Van Acker, Chair of SC.3

SC.3 – Inland Water Transport

60 Years of Activities



- SIGNI: standardization of signs and signals
- CEVNI: European code for Inland Waterways
- Inland Navigation: international conventions
- Inland Navigation: professional requirements
- Inland Navigation: radiocommunication
- AGN: the Blue Book, an inventory of main standards and parameters of the E Waterway Network

SC.3 – Inland Water Transport

60 Years of Activities



- Vessels: standardization of technical requirements
- Vessel Certificates: unification
- Inland Water Transport: policy issues
- Promotion of River Information Services (RIS)
- Environmental issues: prevention of pollution
- Promotion of Recreational Navigation, including the International Certificate for Operators of Pleasure Craft

SC.3 – Inland Water Transport

Already 86 Resolutions



To mention **some** of those resolutions:

- Blue Book, res. nos. **30, 40**: network of inland waterways
- Res. nos. **24 (CEVNI), 35, 59**: rules and signs
- Res. nos. **15, 61, 69**: technical requirements for vessels
- Res. nos. **48, 57, 58, 63, 79, 80**: **RIS**
- Res. nos. **13, 14, 40, 41, 52**: recreational navigation
- Res. no. **21**: pollution prevention

SC.3 – Inland Water Transport Strategy for 2016-2021



- Integrated **pan-European** infrastructure and services for Inland Waterway Transport
- Overarching goals and objectives for 2016-2021
- Necessary actions to reach the goals and objectives
- IWT **Vision 2030**: a longer-term strategy evolving from the strategic review of ITC in 2016-2017
- **SC.3**: revision of the Terms of Reference

SC.3 – Inland Water Transport

IWT Vision 2030



SC.3 – Inland Water Transport

The Blue Book: 3rd Edition

An inventory of main standards and parameters of the E Waterway Network

E	NAME	LENGTH (km)			CAPACITY (TEU/ANNUAL)			CLASSIFICATION			REMARKS
		1	2	3	1	2	3	1	2	3	
1

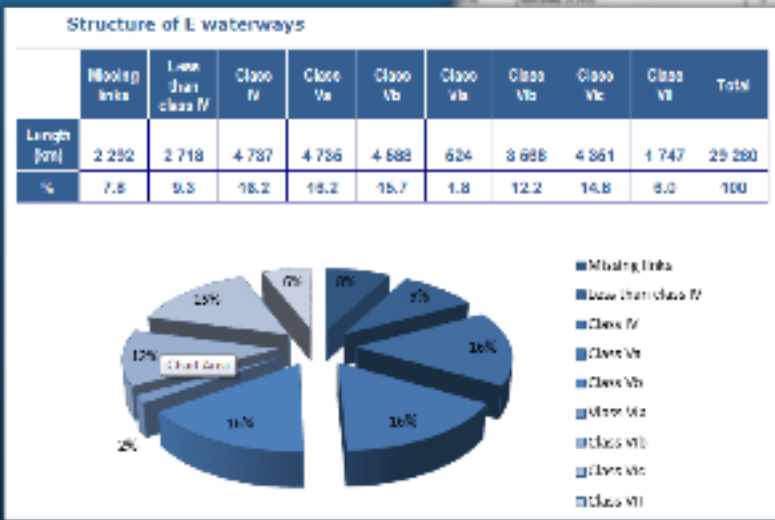


Table 1
Navigation Characteristics of Main European Inland Waterways of Commercial Importance

E	NAME	MULTI-USE CHARACTER	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND CARGOES (BASED ON EUROPEAN REGULATIONS)			MINIMUM HEADWAY (m)	CLASS	BARRIAGE (km)			COURSES
				LENGTH (m)	BREADTH (m)	DRAUGHT (m)			1	2	3	
101	Duisburg - Bonn	...	140	110	11.40	3.30	0.25	na	0	0	0	...
102	Duisburg - Bonn	...	140	110	11.40	3.30	0.25	na	0	0	0	...
103	Duisburg - Bonn	...	140	110	11.40	3.30	0.25	na	0	0	0	...

* Lower than ...
 ** ...
 *** ...

SC.3 – Inland Water Transport Resolution No. 59, rev. 2

Waterway signs and marking: guidelines

Guidelines for Waterways Signs and Marking

Resolution No. 59
(Adopted by the Working Party on Inland Water Transport (1 November 2010))
The Working Party on Inland Water Transport

Considering its Resolution No. 21 (2004) (European) as amended by resolutions Nos. 26, 27, 37, 38, 40 (ECE/TRANS/SC.3/158/Rev.5),

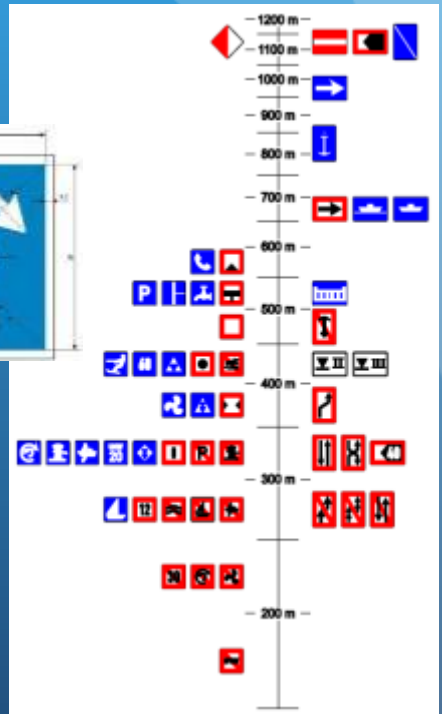
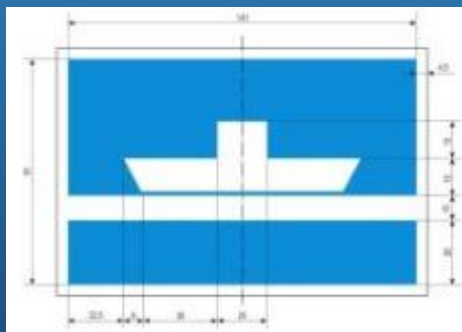
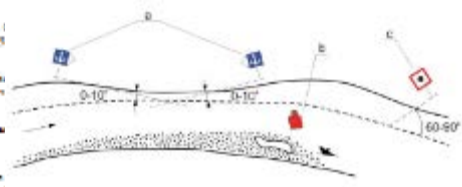
Considering also its Resolution No. 22 (2005) on Waterways as amended by resolutions Nos. ECE/TRANS/SC.3/158/Rev.24,

Considering further its Resolution No. 59 (2010) (Guidelines for Signs and Marking) as amended by Resolution No. 71 (ECE/TRANS/SC.3/168/Rev.1),

Recognizing the need for uniformity of the Working Party on Inland Water Transport's and Safety Requirements in Inland Navigation on the basis of its recommendations (ECE/TRANS/SC.3/158/Rev.24, para. 14.33),

Convinced, in the interest of safety of navigation, of establishing harmonized rules for signage signs and marking prescribed by CEVNI and SIGNI as well as for their visibility and maintenance,

1. Decides to explore the text of the Annex of Resolution No. 71 with the text contained in the Annex to this resolution;
2. Requests Governments to inform the Executive Secretary of the Economic Commission for Europe whether they accept this resolution;
3. Requests the Executive Secretary of the Economic Commission for Europe to plan the operation of the application of this resolution progressively on the basis of the Working Party on Inland Water Transport.



SC.3 – Inland Water Transport

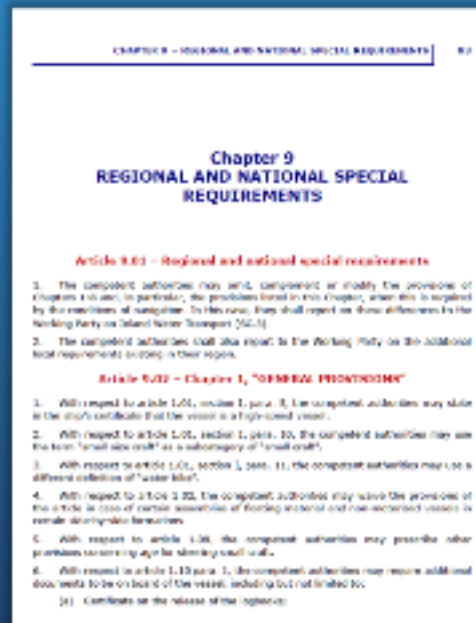
CEVNI, revision 5

European Code for Inland Waterways

Chapter 9: ongoing work

In several languages:

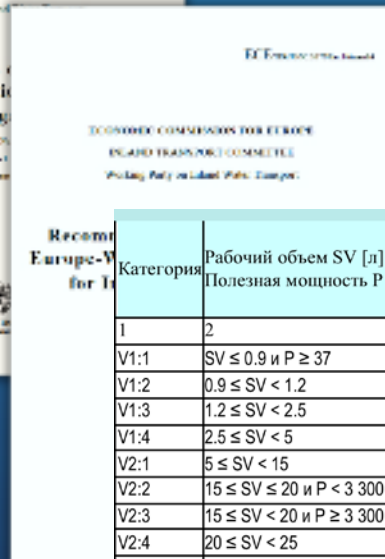
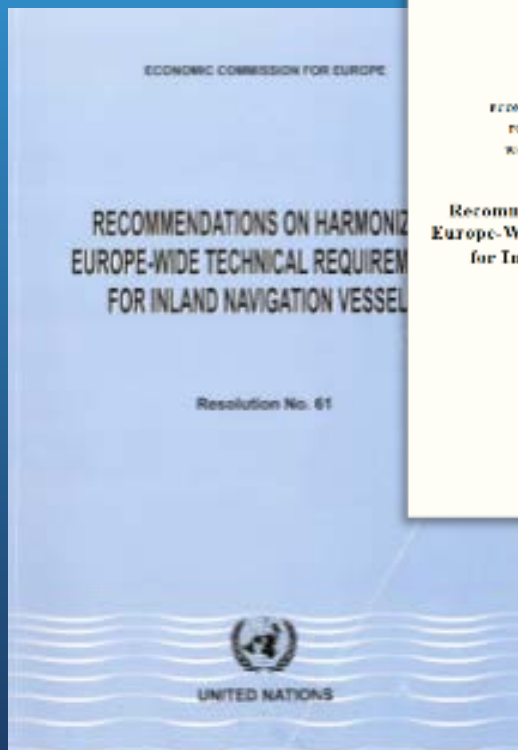
- English
- French
- Russian
- Slovak
- ...



SC.3 – Inland Water Transport Resolution No. 61, revised



Inland Navigation: recommendations on harmonized pan-European technical requirements for vessels



Категория	Рабочий объем SV [л] Полезная мощность P [кВт]	Оксид углерода (CO) [г/кВт.ч]	Сумма углеводородов и окиси азота (HC+NOx)[г/кВт.ч]	Частицы (PM) [г/кВт.ч]
1	2	3	4	5
V1:1	$SV \leq 0.9$ и $P \geq 37$	5,0	7,5	0,4
V1:2	$0.9 \leq SV < 1.2$	5,0	7,2	0,3
V1:3	$1.2 \leq SV < 2.5$	5,0	7,2	0,20
V1:4	$2.5 \leq SV < 5$	5,0	7,2	0,20
V2:1	$5 \leq SV < 15$	5,0	7,8	0,27
V2:2	$15 \leq SV \leq 20$ и $P < 3\,300$	5,0	8,7	0,50
V2:3	$15 \leq SV < 20$ и $P \geq 3\,300$	5,0	9,8	0,50
V2:4	$20 \leq SV < 25$	5,0	9,8	0,50
V2:5	$25 \leq SV < 30$	5,0	11,0	0,50

SC.3 – Inland Water Transport

River Information Services



- Res. no. **80**: draft revision preliminary approved
- Res. nos. **48, 57, 58, 63, 79**: pending, waiting for the European Commission and the RIS Expert Groups
- **Workshop**: RIS and other information communication technologies in a pan-European context



SC.3 – Inland Water Transport IWT & Security



- Resilience of IWT to external influences and factors
- Critical assets and infrastructure for IWT

Safety and security in European inland navigation (Geneva, 17 February 2016)

Programme of the workshop

Time	Topic
10:30 – 10:45	INTRODUCTORY REMARKS: UNECE WORK ON TRANSPORT SECURITY ISSUES UNECE
10:45 – 11:20	INTERNATIONAL ORGANIZATIONS: REGULATORY FRAMEWORKS AND APPROACHES TOWARDS THE WATER TRANSPORT SECURITY Mr. R. Janssens, Office of the Co-ordinator of OSCE Economic and Environmental Activities Mr. P. Norroy, the European Commission, Directorate-General for Mobility and Transport; Unit A.4 – Land & maritime security
11:20 – 12:00	SAFETY AND SECURITY IN EUROPEAN INLAND NAVIGATION Mr. A. Mintjes, the European Association of Inland Waterway Educational Institutions - EDINNA Mr. E. Sipirin, the Russian Chamber of Shipping
12:00 – 12:10	COFFEE BREAK
12:10 – 12:40	SAFETY AND SECURITY IN THE DANUBE REGION Mr. H. Schindler, the Danube Commission Mr. B. Szalma, Fluvius Co. Ltd - Plimssoll Co. Ltd companies and FONASBA
12:40 – 13:00	ROUND TABLE DISCUSSIONS AND ISSUES FOR FURTHER CONSIDERATION

And with specific attention:

- Security management
- Security provisions on an international level
- Security training and education

SC.3 – Inland Water Transport



IWT & Recreational Navigation

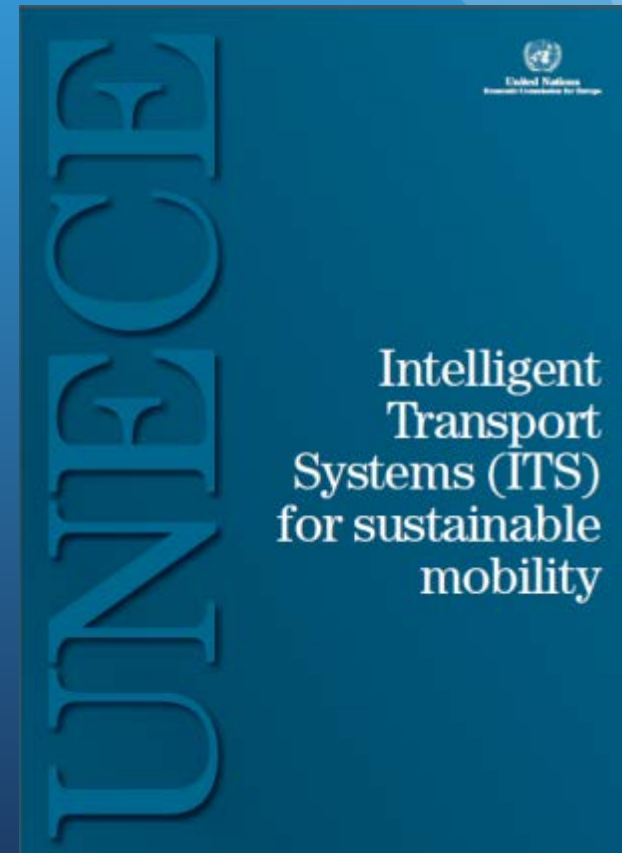
- Res. no. **13**, resp. **14**: international certificate for a pleasure craft (the ‘international card’), resp. the competence of pleasure craft operators
- Res. no. **40**: international certificate for operators of a pleasure craft
- Res. no. **41**: about small crafts used exclusively for pleasure navigation
- Res. no. **52**: European Recreational Inland Navigation Network

SC.3 – Inland Water Transport

Intelligent Transport Systems



- Res. no. 59: signs and marking
- Variable traffic signs
- Electronic charts
- Aids to Navigation (AtoN)
- Application Specific Messages



SC.3 – Inland Water Transport

That's all, folks!



Thank you all
for your attention!

Merci tous
pour votre attention!

Спасибо всем
за ваше внимание!



UNECE