



**UNITED NATIONS  
ECONOMIC COMMISSION FOR EUROPE  
(UNECE)**



**Working Party on Intermodal  
Transport and Logistics**

**Groupe de travail du transport  
intermodal et de la logistique**

**Рабочая группа по  
интермодальным перевозкам  
и логистике**

**Serviced by:  
Sustainable Transport Section**

**Geneva, 6-7 November 2012**

**Tuesday, 6 Nov.: 15-18 hours**

**Wednesday, 7 Nov: 10-13 hours and 15-18 hours**

**UNECE Transport Division**



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### Adoption of the agenda (ECE/TRANS/WP.24/130) (E,F,R)

#### Agenda item **6 November 2012 (15.00-18.00 hours)**

- 1 Adoption of the agenda
- 2 (d) Sustainable developments + intermodal transport (TK Blue)
- 2 (a) Trends and performance in intermodal transport (UIRR)
- 5 2012 Theme: Intelligent Transport Systems (ITS) and intermodal transport  
Reception (Bureau S 410) at 18.10 hours

#### **7 November 2012 (10.00-18.00 hours)**

- 5 Follow-up of 2012 Theme
- 2 (a) Trends and performance in intermodal transport (EIA, BIC)
- 2 (c) Pan-European developments (Turkey and other countries)
- 2 (d) Sustainable developments (Rio+20 and ForFITS)
- 3, 4 + 6 Policy measures – Theme 2011 and new Theme for 2013
- 9 Revision of IMO/ILO/UNECE Guidelines stowage of cargo into containers
- 10 Weights and dimensions  
Lunch Break 13.00 – 15.00 hours
- 7 – 8 AGTC and Protocol on inland water transport
- 11 – 14 Activities of UNECE, election of officers, date of next meeting, etc.



**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**2. New developments and best practices in intermodal transport**

**(d) Sustainable development and intermodal transport**

- **Presentation by TK Blue**

**(a) Trends and performance in intermodal transport and logistics industry**

- **Presentation by UIRR**



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### Agenda item 5: Intelligent Transport Systems

Working Party on Intermodal Transport and Logistics (WP.24) Groupe de travail du transport intermodal et de la logistique (WP.24) Рабочая группа по интермодальным перевозкам и логистике (WP.24)		
Tuesday, 6 November 2012 (Palais des Nations, Salle V, 1.floor)		
Programme		
Agenda item 5 - Point 5 de l'ordre du jour		
Intelligent Transport Systems (ITS): Opportunities and challenges for intermodal transport Systèmes de transports intelligents : Possibilités et difficultés du transport intermodal		
16:00 - 18:00		
16:00	Introduction	Mr. Michel Viardot, Chair of WP.24
16:05-16:50	ITS - Opportunities and challenges for intermodal transport (5 min) ECE/TRANS/WP.24/2012/1	UNECE secretariat
	Electronic trading in international supply chains: UN/CEFACT and ISO ITS solutions for intermodal transport (15 min)	Mr. Dominique Vankemmel UN/CEFACT Domain Coordinator Transport and Logistics
	ITS and the carbon footprint in intermodal transport chains (15 min)	Mr. François Janin ITS Task Force Manager Min. of Ecology, Sustainable Development and Energy (France)
	ITS and supply chain efficiency (10 min)	Mr. Roland Frindik MARLO Consultants (Germany)
16:50 - 17:05	Discussions	
17:05 - 17:15	Short break - Networking	
17:15 - 17:45	Use of ITS in intermodal transport operations: The CESAR system (15 min)	Mr. Martin Burkhardt Director General International Union of Combined Road- Rail Transport Companies (UIRR)
	Freight logistics and Customs service providers: ITS solutions to facilitate intermodal transport (15 min)	Ms. Nicolette van der Jagt Director General European Organization for Freight Forwarding and Logistics (CLECAT)
17:45 - 18:00	Discussions Close of session (Mr. Michel Viardot, Chair of WP.24)	
18:10	Cocktail (Palais des Nations, S 410 - Door S2, 4 <sup>th</sup> floor)	



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 5. 2012 Theme Intelligent Transport Systems

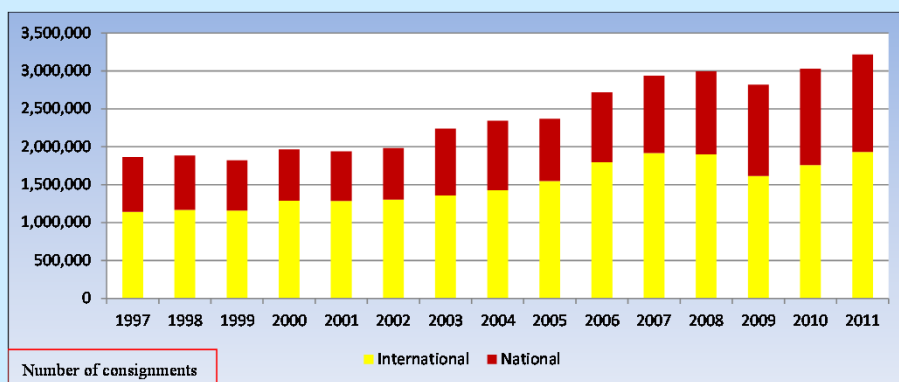
- Follow-up discussions

### 2. New developments and best practices in intermodal transport

#### (a) Trends and performance in intermodal transport and logistics industry

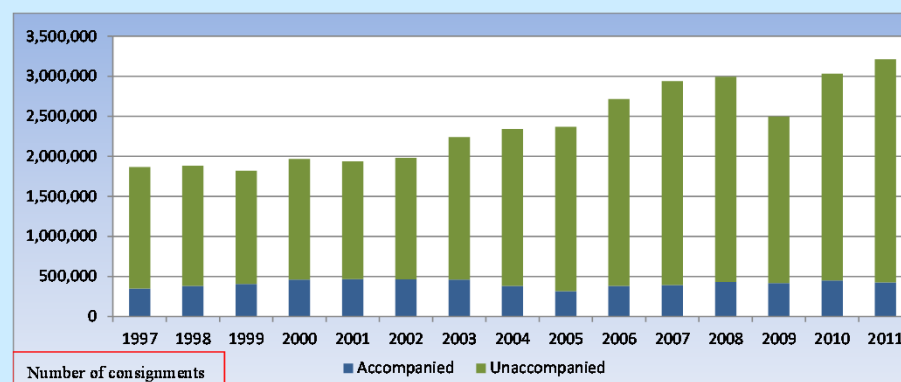
- Presentations by EIA, BIC and others

**Intermodal road/rail transport in Europe  
(UIRR companies)**  
Development of national and international traffic



Source: UIRR

**Intermodal road/rail transport in Europe  
(UIRR companies)**  
Development of accompanied (RoLa) and unaccompanied traffic



Source: UIRR



**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**2. New developments and best practices in intermodal transport**

**(c) Pan-European developments in intermodal transport and transport policies**

- **Reports of UNECE member countries**
- **Informal document WP.24 No.1 (2012) (Turkey)**

**(d) Sustainable development and intermodal transport**

- **Rio+20 Outcome document: The future we want**
- **UN project: «For Future Inland Transport Systems»**

**Mr. Pierpaolo CAZZOLA, UNECE Transport Division**



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 3. National policy measures to promote intermodal transport (1)

- Updated information for 2012 available:  
Austria, Belgium, Bulgaria, Czech Republic,  
Germany, Poland, Romania, Serbia, Slovakia,  
Slovenia, Spain, Switzerland, Turkey
- 5 new documents: See agenda
- On-line database
  - countries (14)
  - policy measures (11)
  - English (F and R under construction)

<http://apps.unece.org/NatPoIWP24/>

**UNECE**  
Transport Division

ENGLISH FRENCH RUSSIAN

#### National Policy Measures to Promote Intermodal Transport

Since 2007, the UNECE Working Party on [Intermodal Transport and Logistics](#) (WP24) is monitoring national policy measures to promote intermodal transport and show implementation of the ECMT Consolidated Resolution on Combined Transport (CEMT/CM (2002)3/Final).

As of 2012, information for 14 UNECE member States is available through this page. New and updated information will be added as it becomes available. More specific content may also be obtained by clicking on countries names which are underlined in the results table. For countries who have only submitted a national website link please see [here](#).

For further information, updates and comments, please contact the [UNECE secretariat](#)

In order to display information on this portal, you must select at least (1) one country, (2) one policy objective and (3) one sub-objective.

1. Choose the countries 2. Choose the objective(s) 3. Choose the sub-objective(s) **Show results**

<input type="checkbox"/> Austria	<input type="checkbox"/> 1. Importance of intermodal transport in national transport policy
<input type="checkbox"/> Belgium	<input type="checkbox"/> 2. National and international bodies
<input type="checkbox"/> Bulgaria	<input type="checkbox"/> 3. Costs and prices
<input type="checkbox"/> Czech Republic	<input type="checkbox"/> 4. Networks, terminals and logistics centres
<input type="checkbox"/> Germany	<input type="checkbox"/> 5. Interoperability
<input type="checkbox"/> Lithuania	<input type="checkbox"/> 6. Financial and fiscal support measures
<input type="checkbox"/> Poland	<input type="checkbox"/> 7. Regulatory support measures
<input type="checkbox"/> Romania	<input type="checkbox"/> 8. Transport operations
<input type="checkbox"/> Serbia	<input type="checkbox"/> 9. Market monitoring
<input type="checkbox"/> Slovakia	<input type="checkbox"/> 10. Foster innovations covering all
<input type="checkbox"/> Slovenia	
<input type="checkbox"/> Switzerland	
<input type="checkbox"/> Turkey	
<input type="checkbox"/> Ukraine	



**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**3. National policy measures to promote intermodal transport (2)**

Information available for 11 policy measures:

- (1) Importance of intermodal transport in national transport policy
- (2) National and international policy coordination
- (3) Costs and prices
- (4) Infrastructure (networks, terminals and logistics centers)
- (5) Interoperability
- (6) Financial and fiscal support measures**
- (7) Regulatory support measures
- (8) Transport operations
- (9) Market monitoring
- (10) Fostering of innovations
- (11) Support for intermodal operators

Mandate and basis: **ECMT Consolidated Resolution CEMT/CM(2002)3/FINAL**





# Working Party on Intermodal Transport and Logistics

## 55. session (6-7 November 2012)

### 3. National policy measures to promote intermodal transport (3)

National Policy Measures to Promote Intermodal Transport - English - Mozilla Firefox

apps.unece.org/NatPoiWP24/default.aspx

Getting Started Latest Headlines Customize Links Free Hotmail Windows Marketplace Windows Media Windows

#### National Policy Measures to Promote Intermodal Transport

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1. Choose the countries  Austria  Belgium  Bulgaria  Czech Republic  Germany  Lithuania  Poland  Romania  Serbia  Slovakia  Slovenia  Switzerland  Turkey  Ukraine

2. Choose the objective(s)  1. Importance of intermodal transport in national transport policy  2. National and international bodies  3. Costs and prices  4. Networks, terminals and logistics centres  5. Interoperability  6. Financial and fiscal support measures  7. Regulatory support measures  8. Transport operations  9. Market monitoring  10. Foster innovators covering all components of the transport chain  11. Operators in intermodal transport chains

3. Choose the sub-objective(s)  6.1 Financial support for investments (installations, rolling stock, systems, etc.)  6.2 Financial support for operations (specific, initial operations, etc.)  6.3 Fiscal support measures (vehicle tax, road user fee exemptions, etc.)

Show results Export to Excel

Austria	Belgium	Bulgaria	Czech Republic
<p><b>6. Financial and fiscal support measures</b></p> <p>6.1 Financial support for investments (installations, rolling stock, systems, etc.)</p> <p>Austria provides financial support for the purchase of transport equipment, the implementation of innovative and new technologies as well as feasibility studies in connection with implementing measures. The "Innovation programme for combined freight transport", from 1 January 2009 to 31 December 2014, contains substantial financial measures for the promotion of combined transport in Austria. It supports investments in installations, systems and mobile equipment necessary for the transport or handling of goods in combined transport. Austria also provides financial support for investments in terminals, regarding construction, enlargement and modernization of transshipment points. A "programme for the support of transshipment points for intermodal transport (road/rail/ship)" has been in force since 1 July 2006 and will end on 30 June 2012. Investments in installations and constructions which are exclusively used for the transshipment of goods are eligible for public funding. For inland waterways, the "Programme for the development of intermodal transports and for the promotion of projects concerning combined transport on the Danube" has been implemented and prolonged until 2013. It offers financial support for regular combined transport services on the Danube as well as for studies and concepts concerning intermodal transport on the Danube.</p>	<p><b>6. Financial and fiscal support measures</b></p> <p>6.1 Financial support for investments (installations, rolling stock, systems, etc.)</p> <p>Flemish Region - Inland waterways and maritime canals: participation in public-private partnership projects to build loading and unloading facilities (EUR 4 200 000 in 2006 and EUR 1 615 000/year in 2007, 2008 and 2009). - Premium for modernisation of small boats (400 000 €). - Premium for retrofits of the boat motors with low emissions Walloon Region Financial support measures for combined transport investment include: - Premium for retrofits of the inland waterway fleet in the Walloon Region (engine, plant and computer or telecommunications software for instance). - Premium for firms making investments aimed at facilitating the development of inland waterway transport. These measures are limited to 21% of the investment.</p>	<p><b>6. Financial and fiscal support measures</b></p> <p>6.1 Financial support for investments (installations, rolling stock, systems, etc.)</p> <p>The modernization of the transport infrastructure of the Republic of Bulgaria is one of the main priorities of the Ministry of Transport and its realization follows the principles laid down in two basic documents, elaborated by the ministry: Strategy for development of transport infrastructure of the Republic of Bulgaria till 2015 and Operational Programme Transport 2007 - 2013. The implementation of these documents is a precondition for enhancing the capacity of the network, achieving the necessary interoperability with the Trans European Transport Network, as well as elimination of the bottlenecks along the main axes and facilitation of the combined transport. In this respect, the ensuring and provision of the necessary funds for implementation of the above mentioned strategic documents is a governmental priority.</p>	<p><b>6. Financial and fiscal support measures</b></p> <p>6.1 Financial support for investments (installations, rolling stock, systems, etc.)</p> <p>Under the "Operational Program Transport" for the period 2007-13, the program "Support for the revitalization of the railway sidings" was announced, which is designed to promote investments in construction and acquisitions of transshipment equipment for new or existing expanded sidings.</p>
<p><b>6. Financial and fiscal support measures</b></p> <p>6.3 Fiscal support measures (vehicle tax, road user fee exemptions, etc.)</p> <p>Incentives regarding vehicle tax. All national vehicles (i.e. motor vehicles and their trailers) exceeding 3.5 tonnes are exempt from vehicle tax, if - during that calendar month they are used exclusively for initial and terminal haulages for combined rail/road transport, i.e. the pick up from and delivery to the nearest technically suitable terminal of containers (of a length of at least 20 ft), swap bodies or semi trailers transported by rail. On request, national vehicles exceeding 3.5 tonnes using the rolling road (RoLa) or (in case of semi trailers) unaccompanied combined transport on Austrian territory are reimbursed 15 per cent of the monthly vehicle tax for each combined transport journey effected by rail. This reimbursement may reach 100 per cent of the annual vehicle tax.</p>	<p><b>6. Financial and fiscal support measures</b></p> <p>6.3 Fiscal support measures (vehicle tax, road user fee exemptions, etc.)</p> <p>Walloon Region Navigation dues were abolished in 2006. (Estimated value for the sector: 5 000 000 EUR /year) Exemption of the tax on building and equipments related to Combined transport. (precompte immobilier)</p>	<p><b>6. Financial and fiscal support measures</b></p> <p>6.3 Fiscal support measures (vehicle tax, road user fee exemptions, etc.)</p> <p>No special remarks</p>	<p><b>6. Financial and fiscal support measures</b></p> <p>6.3 Fiscal support measures (vehicle tax, road user fee exemptions, etc.)</p> <p>Reduction of the annual road tax (by 100%) for those vehicles that are exclusively used in initial and terminal haulage and (by 25 to 90%) for those vehicles that affect the respective number of trips within the frame of a combined transport (in accordance with the valid tenor of Act No. 16/1993 Coll., on Road Tax).</p>



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 3. National policy measures to promote intermodal transport (4)

- Need to continue this activity?
  - Other information sources?
- Requirement:
  - Info from countries (pre-filled questionnaires)
  - Regular update
  - Translation (E,F,R)
- Next status report: 2015 ?

**UNECE Transport Division**

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#### National Policy Measures to Promote Intermodal Transport

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<input type="checkbox"/> Ukraine	



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 4. Follow-up to the 2011 Theme: Role of terminals and logistics centres for intermodal transport

- **WP.24 road map (ECE/TRANS/WP.24/2009/5):**  
Annual theme (topic) for substantive discussions
  - 2010 Inland water transport
  - 2011 Terminals and logistics centres
  - 2012 Intelligent transport systems
  - 2013 (yet to be decided)

- **Annual procedure:**

- Group of volunteers: Background note
- WP.24 discussions (lead country/organization)
- Follow-up event/meeting (technical visit)
- WP.24 conclusions

#### Timing

early summer  
autumn  
following spring  
following autumn



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 6. Theme for substantive discussions in 2013

- Possible themes (contained in WP.24 road map of 2009):
  - Opportunities and challenges of inland waterways (done in 2010)
  - Role of terminals (done in 2011)
  - Responses by Governments and industry to counter the economic crisis
  - Land transport strategies of maritime ports: Intermodal transport and dry ports in Europe
- Other proposals (weights and dimensions)



**International Transport Forum**



**Funding transport**



**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)**

- (a) Status of AGTC Agreement and adopted amendment proposals
- (b) Amendment proposals  
(updating and extension of the AGTC network)
- (c) Amendment proposals  
(minimum infrastructure and performance standards)



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)

- Contracting Parties
- Depository Notifications
- Text of AGTC Agreement
- Map (AGC+AGTC network)
- Inventory of standards

[www.unece.org/trans/wp24/welcome](http://www.unece.org/trans/wp24/welcome)

The screenshot shows the UNECE website interface. The header includes the UNECE logo and the text "United Nations Economic Commission for Europe". The main navigation bar contains links for Home, About UNECE, Main areas of work, and Information resources. The breadcrumb trail reads: UNECE » Transport » Areas of Work » Intermodal Transport » Intermodal Transport Home. The left sidebar menu is titled "Transport" and includes "Intermodal Transport Home", "Meetings Documents", "Working Party on Intermodal Transport and Logistics (WP.24)", "Group of Experts on the IMO/ILO/UNECE Guidelines for Packing of CTUs", "Kiev Seminar", "Meetings", "Legal Instruments", "AGTC Agreement" (with sub-items: Contracting Parties, Depository Notifications, Text of Agreements, Map, Inventory of standards), "Protocol of AGTC (inland waterways)", and "Publications". The main content area is titled "Introducing Intermodal Transport" and contains text about the Working Party on Intermodal Transport and Logistics (WP.24) and its predecessors, providing a forum for exchange of technical, legal and policy information. It also mentions the objective to promote combined and intermodal transport in the 56 UNECE member countries. A red circle highlights the "AGTC Agreement" section in the sidebar. On the right, there is a "Meetings and Events" section with a calendar for October 2011 and a "MAPS" button.

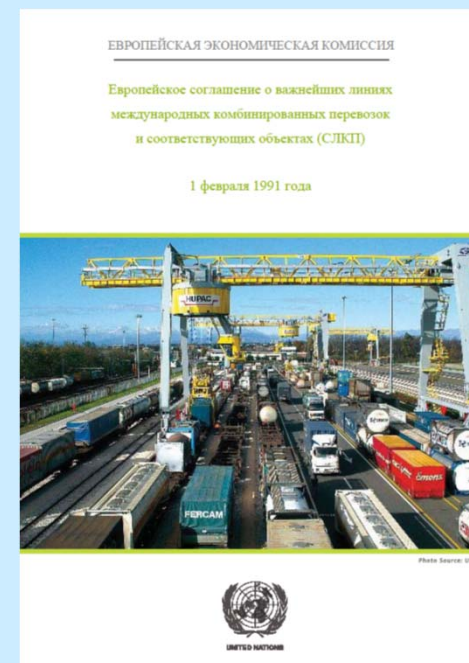
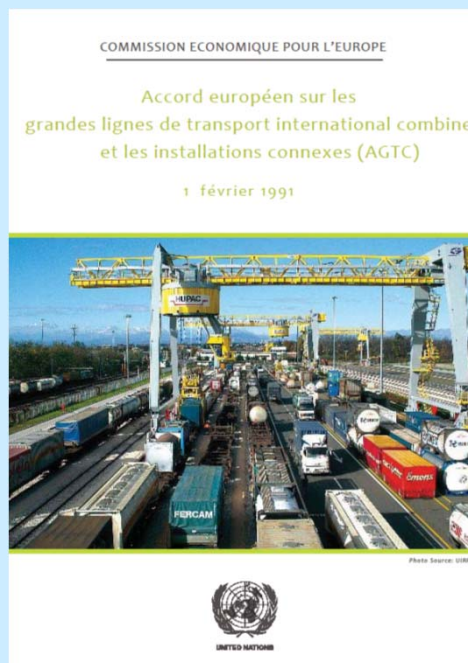
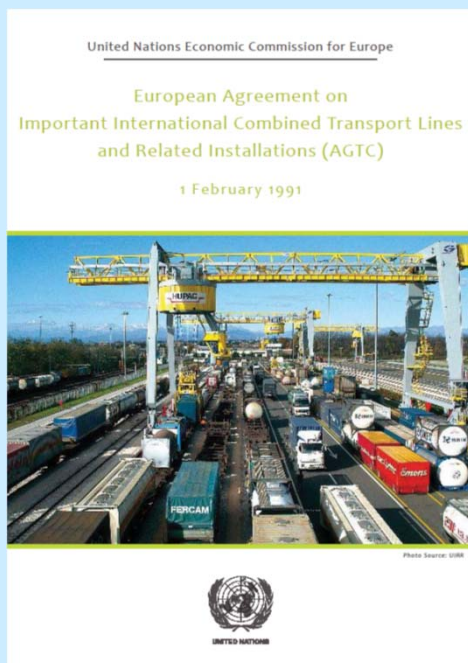


## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)

#### (a) Status of AGTC Agreement and adopted amendment proposals

Updated text of AGTC Agreement: **ECE/TRANS/88/Rev.6 (E,F,R)**





**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)**

• **32 Contracting Parties**

**Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, France, Georgia, Germany, Greece, Hungary, Italy, Kazakhstan, Latvia, Lithuania, Luxembourg, Republic of Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Switzerland, Turkey, Ukraine**

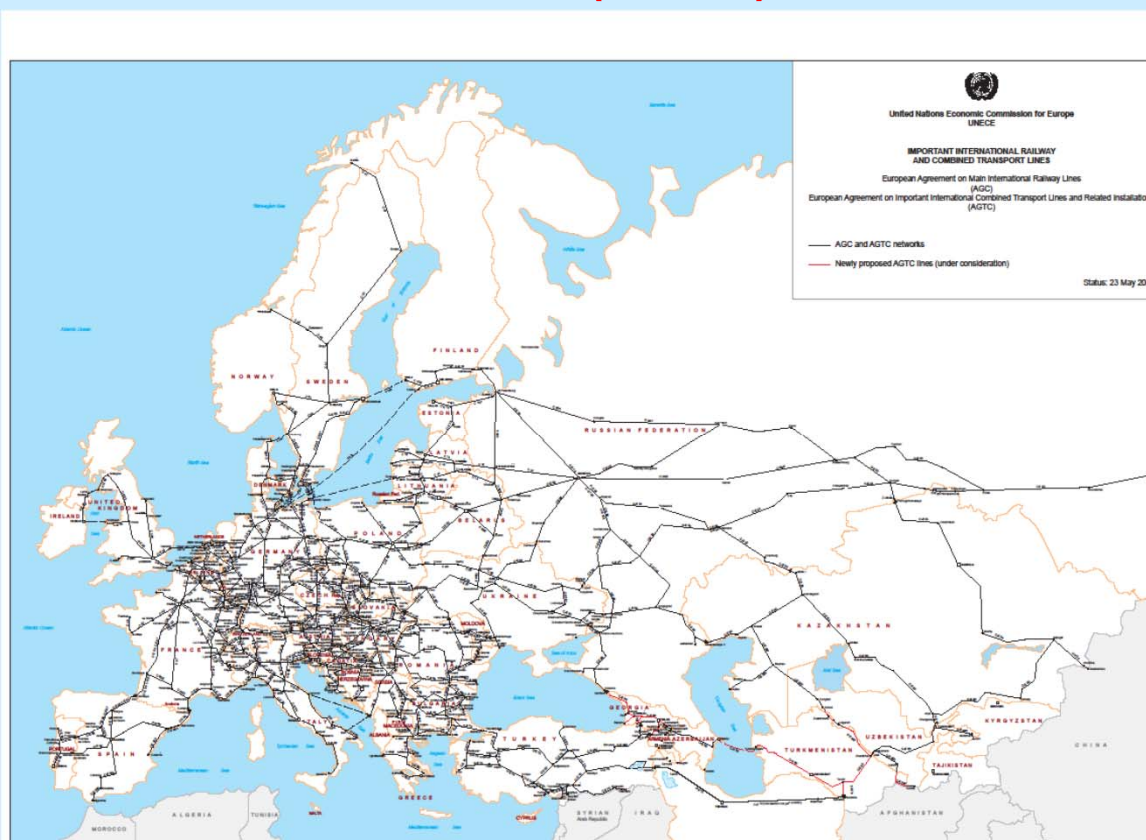




## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)

- AGC and AGTC Map of networks





## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

# 7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)

- Inventory of standards**

Railway Line: **C-E 25**

Country	Section of Line	Loading gauge	Nominal minimum speed	Minimum platform length in principal stations	Capacity bottlenecks - Railway line
Belgium	Bruxelles - Arlon - Sterpenich (- Kleinbetting-en)	2	130	300	4
Luxembourg	(Sterpenich) - Kleinbettingen -Luxembourg - Bettembourg (- Thionville)	2	100	-	3
France	Bettembourg - Mulhouse	2	120	-	3
France	Mulhouse - Basel	2	120	-	3
France	Mulhouse - Besançon	1	120	-	3
France	Besançon - Dole	2	120	-	3
France	Dole - Dijon	1	120	-	3
Switzerland	(Mulhouse -) Basel -Olten - Bern - Brig (- Domodossola)	3	80	400	2
Italy	(Brig -) Domodossola - Arona	1	100	-	-
Italy	Arona - Novara	1	100	-	-
Italy	Novara - Milano	2	100	-	-
Italy	Milano - Genova	2	100	-	-

Map of AGC and AGTC networks  
Carte des réseaux AGC et AGTC

The inventory provides information on the performance of the pan-European rail (AGC) and combined transport (AGTC) networks and shows the degree of compliance with the infrastructure standards stipulated in the AGC and AGTC Agreements.

L'inventaire fournit des informations sur l'exploitation des réseaux ferroviaires et de transport combiné pan-européens contenus dans les accords AGC et AGTC et montre le degré de conformité avec les normes d'infrastructure définies dans les accords AGC et AGTC.

Use the form below to build a report on existing infrastructure standards for a chosen railway or combined transport line. Any number of available parameters can be included in the report. Utiliser le formulaire ci-dessous pour établir un rapport sur les normes d'infrastructure pour une ligne de chemin de fer ou de transport combiné donné. Le nombre de paramètres disponibles pouvant être introduits dans le rapport n'est pas limité.

1. Choose a railway or combined transport line (refer to the above map)

**C-E 25**

2. Choose the parameters you want to include in the report

Number of tracks  
Loading gauge  
Minimum distance between track centres  
Nominal minimum speed  
Authorized mass per axle - Locomotives  
Authorized mass per axle - Rail cars and rail motor sets  
Authorized mass per axle - Carriages  
Authorized mass per axle - Wagons  
Authorized mass per linear metre

Tip: Use Shift-click or Ctrl-click to select multiple parameters

3. Click on the button below to generate the report

Generate Report

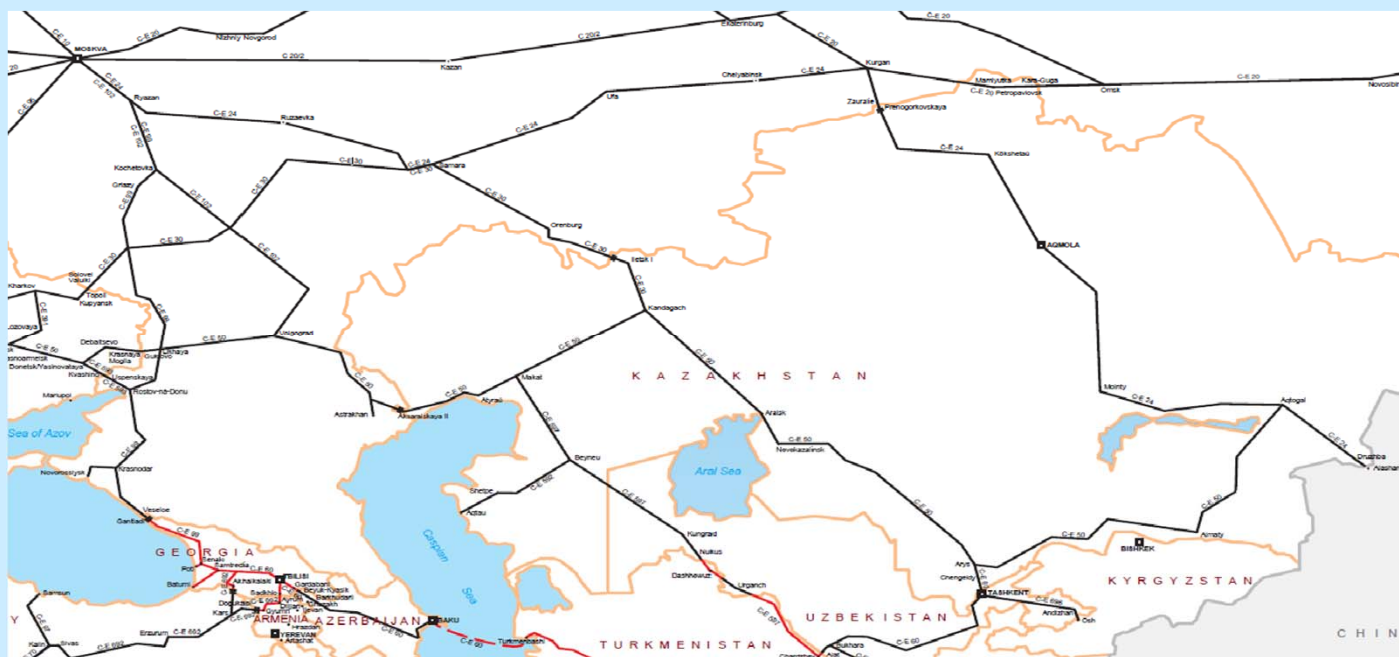


## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)

#### (b) Amendment proposals (updating /extension of AGTC network)

- Kazakhstan (ECE/TRANS/WP.24/2011/4) - adopted by WP.24 in 2011





## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)

#### (b) Amendment proposals (updating /extension of AGTC network)

- Armenia, Georgia, Turkmenistan – pending (ECE/TRANS/WP.24/2009/1)





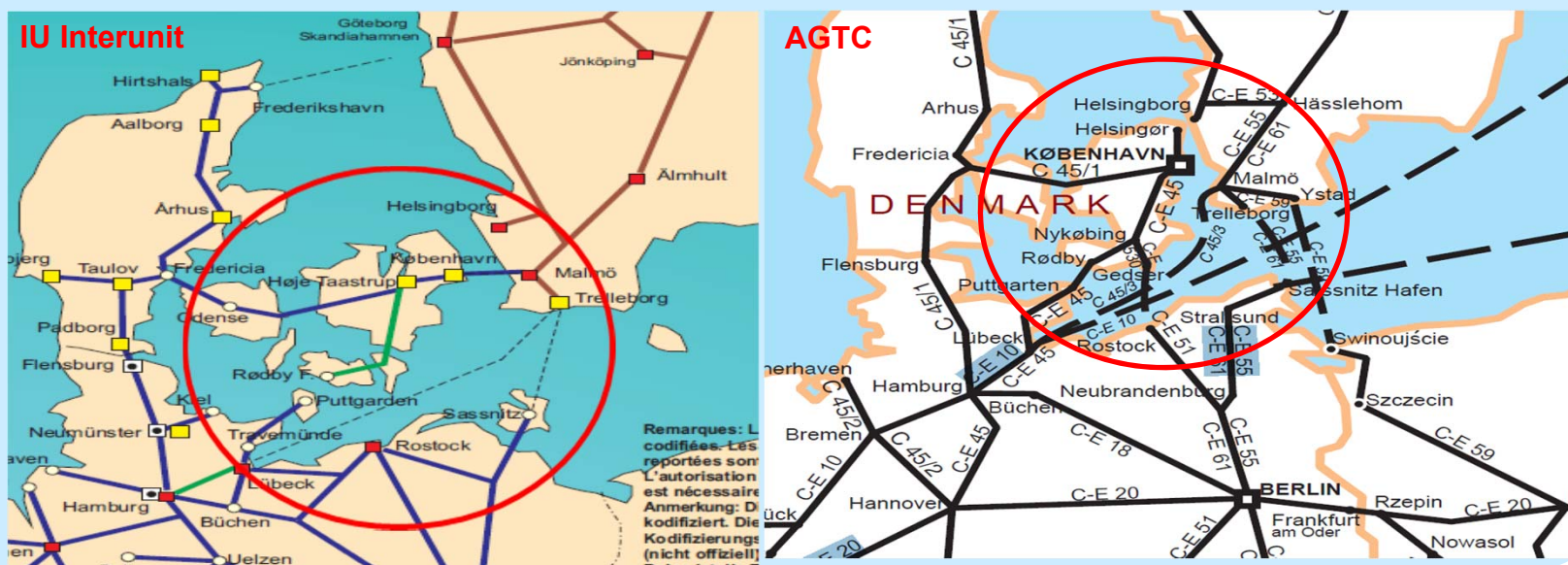
## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)

#### (b) Amendment proposals (updating /extension of AGTC network)

- Denmark, Germany, Sweden - pending (ECE/TRANS/WP.24/2009/4)

#### Comments and proposals from Denmark and Germany





**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)**

**(c) Amendment proposals**

**(minimum infrastructure and performance standards)**

**Documentation:**

- **Survey on relevance of AGC and AGTC technical parameters**  
**ECE/TRANS/WP.24/2009/2**
- **Review of technical characteristics of AGC and AGTC rail networks**  
**ECE/TRANS/WP.24/2010/2**
- **Review of operational targets in AGTC Agreement**  
**ECE/TRANS/WP.24/2010/3**
- **Comments of DG MOVE and further work**  
**ECE/TRANS/WP.24/2012/5**



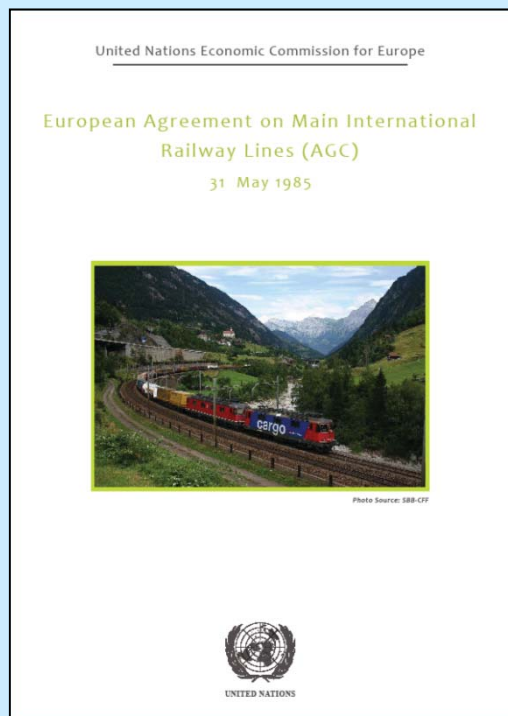
## 7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)

### Review of technical characteristics of AGC + AGTC rail networks

- Objective: To align AGC+AGTC infrastructure standards with modern rail technologies and technical requirements
- Comparisons has been made for 30 technical parameters:
  - AGC (Annex II) - TER
  - AGTC (Annex III)- EIM (technical strategy)
  - TSI (EU) - FERRMED (standards)
  - TAR (ESCAP) - County proposals ([TRANS/WP.24/2005/5](#))
- Compiled by secretariat in [ECE/TRANS/WP.24/2010/2](#)



## Working Party on Intermodal Transport and Logistics (WP.24) 55. session (6-7 November 2012)



**Done 31 May 1985**

## AGC Infrastructure Parameters (Annex II)

**Table 1**

INFRASTRUCTURE PARAMETERS FOR MAIN INTERNATIONAL RAILWAY LINES

	A Existing lines which meet the infrastructure requirements and lines to be improved or reconstructed	B New lines	
		B1 For passenger traffic only	B2 For passenger and goods traffic
1. Number of tracks	-	2	2
2. Vehicle loading gauge	UIC* B	UIC C1	UIC C1
3. Minimum distance between track centres	4.0 m	4.2 m	4.2 m
4. Nominal minimum speed	160 km/h	300 km/h	250 km/h
5. Authorized mass per axle:			
Locomotives ( $\leq 200$ km/h)	22.5 t	-	22.5 t
Rail cars and rail motor sets ( $\leq 300$ km/h)	17 t	17 t	17 t
Carriages	16 t	-	16 t
Wagons $\leq 100$ km/h	20 t	-	22.5 t
120 km/h	20 t	-	20 t
140 km/h	18 t	-	18 t
6. Authorized mass per linear metre	8 t	-	8 t
7. Test train (bridge design)	UIC 71	-	UIC 71
8. Maximum gradient	-	35 mm/m	12.5 mm/m
9. Minimum platform length in principal stations	400 m	400 m	400 m
10. Minimum useful siding length	750 m	-	750 m
11. Level crossings	None	None	None

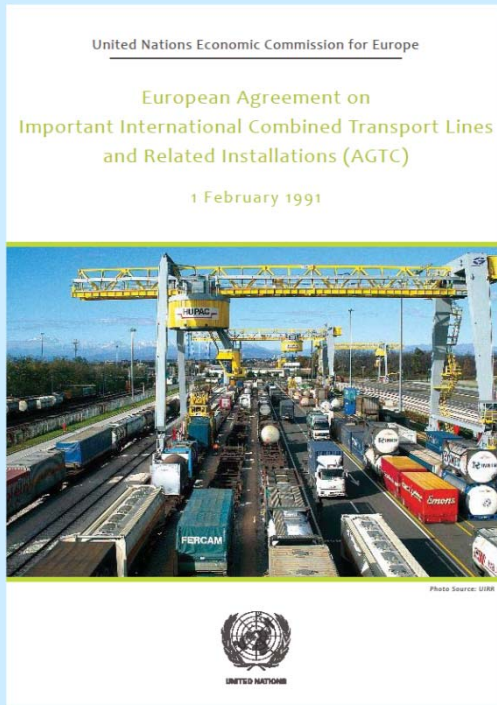
\* UIC: International Union of Railways.





## Working Party on Intermodal Transport and Logistics (WP.24) 55. session (6-7 November 2012)

### AGTC Infrastructure Parameters (Annex III)



**Done 1 February 1991**

#### INFRASTRUCTURE PARAMETERS FOR THE NETWORK OF IMPORTANT INTERNATIONAL COMBINED TRANSPORT LINES

	A		B
	Existing lines which meet the infrastructure requirements and lines to be improved or reconstructed		New lines
	at present	target values	
1. Number of tracks	(not specified)	(not specified)	2
2. Vehicle loading gauge		UIC B <sup>2/</sup>	UIC C <sup>2/</sup>
3. Minimum distance between track centres <sup>1/</sup>		4.0 m	4.2 m
4. Nominal minimum speed	100 km/h <sup>3/</sup>	120 km/h <sup>3/</sup>	120 km/h <sup>3/</sup>
5. Authorized mass per axle:			
Wagons ≤ 100 km/h	20 t	22,5 t	22,5 t
≤ 120 km/h	20 t	20 t	20 t
6. Maximum gradient <sup>1/</sup>	(not specified)	(not specified)	12.5 mm/m
7. Minimum useful siding length	600 m	750 m	750 m

<sup>1/</sup> Not of immediate relevance for combined transport, but recommended for efficient international combined transport.

<sup>2/</sup> UIC: International Union of Railways.

<sup>3/</sup> Minimum standards for combined transport trains (see annex IV).



**Working Party on Intermodal Transport and Logistics (WP.24)**  
**55. session (6-7 November 2012)**

**AGC and AGTC minimum infrastructure parameters**

**(ECE/TRANS/WP.24/2012/5, Annex)**

	<b>EC (DG MOVE) comments</b>
1. Number of tracks	...
2. Loading gauge	to be aligned with TSI
3. Distance between track centers	to be aligned with TSI
4. Minimum speed (nominal)	to be aligned with TSI
5. Mass per axle (loco. Carriages, wagons)	ok
6. Mass per linear meter	...
7. Test train	ok
8. Gradient	ok
9. Platform length (in principal stations)	ok
10. Useful siding length (750 m)	to be aligned with TSI
11. Level crossings	...



**Working Party on Intermodal Transport and Logistics (WP.24)**  
**55. session (6-7 November 2012)**

**Possible additional parameters (mainly based on TSI of EU)**

12. Nominal track gauge (1435 mm, 1520 mm, etc.)
13. Minimum radius of curvature
14. Cant (rate of change, cant deficiency)
15. Equivalent conicity
16. Rail inclination
17. Railhead profile
18. Switches and crossings
19. Track stiffness
20. Track resistance to applied loads
21. Structures resistance to applied loads
22. Track geometrical quality and limits on isolated defects
23. Electrical characteristics
24. Platforms (various values)
25. Stabling tracks
26. Fixed installations (toilet discharge, water restocking, etc.)
27. Ballast pick-up
28. Power source
29. Train control
30. Design frequency of trains (by type)



Working Party on Intermodal Transport and Logistics (WP.24)  
55. session (6-7 November 2012)

**7. European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)**

Proposed WP.24 actions (ECE/TRANS/WP.24/2012/5, paras. 7-15)

- Review of **present** AGC+AGTC infrastructure parameters/standards
- **Additional** parameters to be added ? Which ?
  - both for AGC and AGTC ?
  - Passenger and/or-freight ?
- **Technical interoperability within AGC and AGTC**
  - AGC and AGTC: Coordinated plan for development and construction of railway lines of major international importance at pan-European level
- **Group of volunteers to prepare amendment proposals ?**
- **WP.24 (and SC.2) review proposals at October 2013 sessions ?**

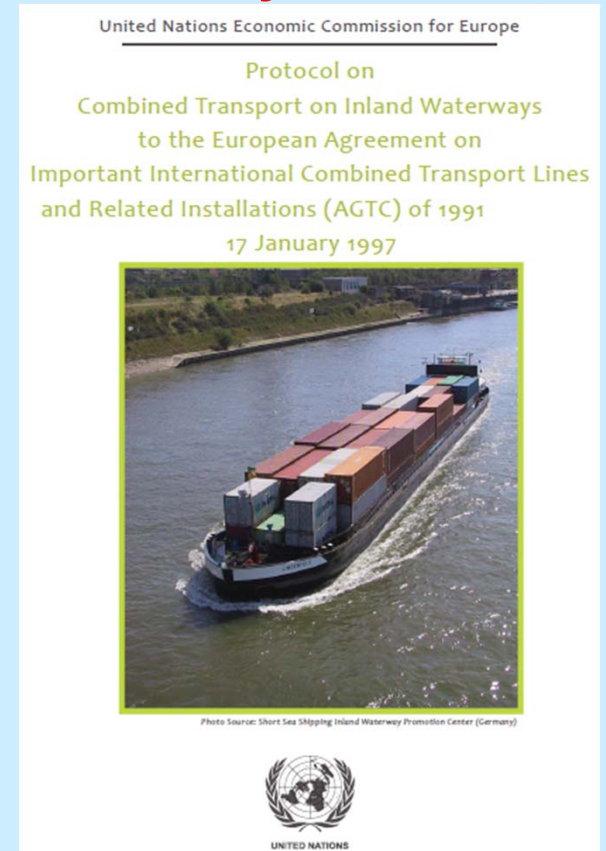


## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 8. Protocol on Combined Transport on Inland Waterways to the AGTC Agreement

#### (a) Status of the Protocol

- Text of AGTC Agreement:  
**ECE/TRANS/122 and Corrs. 1 and 2 (E,F,R)**
- 9 Contracting Parties:  
Bulgaria, Czech Republic, Denmark, Hungary,  
Luxembourg, Netherlands, Romania, Serbia,  
Switzerland
- Signature:  
Austria, France, Germany, Greece, Italy, Portugal, Slovakia





**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**8. Protocol on Combined Transport on Inland Waterways to the AGTC Agreement**

(b) Amendment proposals **ECE/TRANS/WP.24/2010/6 (E)**  
**ECE/TRANS/WP.24/2008/9 (E,F,R)**

- **Accepted: Austria (WP.24 on 5.10.2010 (ECE/TRANS/127, para. 50)**
- **Pending: Bulgaria, Croatia, France, Hungary, Romania**
- **Pending: UNECE secretariat**
  - **geo-political changes (Yugoslavia)**
  - **modification of name of Working Party**
- **Pending: - alignment with AGN Agreement**  
**ECE/TRANS/WP.24/2012/4 8 Lay-out of IWT and ports**
  - **new AGN network adopted by SC.3 on 12 October 2012**



**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**8. Protocol on Combined Transport on Inland Waterways to the AGTC Agreement**

**Alignment of AGN and Protocol to AGTC**

- **Inland waterways**
  - **AGN** by inland waterway
  - **Protocol** by country
- **IWT ports and terminals in ports**
  - **AGN** P ports
  - **Protocol** C-P and C terminals

**Blue Book database (on-line): Inventory of the AGN inland water network**



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 8. Protocol on Combined Transport on Inland Waterways to the AGTC Agreement

#### Blue Book database (on-line)

[http://www.unece.org/trans/main/sc3/bluebook\\_database.html](http://www.unece.org/trans/main/sc3/bluebook_database.html)







## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 9. Revision of the IMO/ILO/UNECE Guidelines for packing of cargo in intermodal transport units (cargo transport units)

Documentation: [ECE/TRANS/WP.24/2012/2](#)

- 1996: Developed and adopted by IMO, ILO and UNECE (WP.24)
- 2010: WP.24 decided to contribute to review and update of guidelines in cooperation with ILO and IMO





## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 10. Weights and dimensions of loading units in intermodal transport

- Monitoring of new developments by UNECE secretariat
  - 2010: [ECE/TRANS/WP.24/2010/5](#)
  - 2011: [ECE/TRANS/WP.24/2011/6](#)
  - 2012: [ECE/TRANS/WP.24/2012/3](#)





## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 10. Weights and dimensions of loading units in intermodal transport

New developments in 2012 (ECE/TRANS/WP.24/2012/3)

- France
- Germany
- Sweden
- European Union



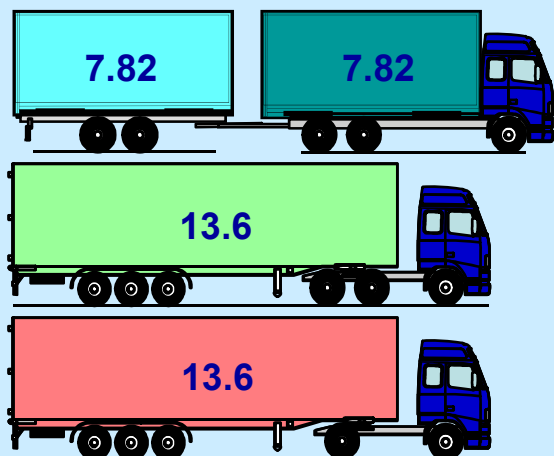


## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 10. Weights and dimensions of loading units in intermodal transport

EU Directive 96/53/EC

Max. length: 16.50m/18.75m (semi-trailer/truck-trailer)



--- 16,50 m / 18,75 m ---



« Mega-trucks »

----- 25,25 m -----



## Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

### 11. **Activities of UNECE Inland Transport Committee and its subsidiary bodies**

#### Working Party on Transport Trends and Economics (WP.5)

- Climate change impact and adaptation for international transport networks
- Euro-Asian transport links (EATL) project



#### Working Party on Rail Transport (SC.2)

- Alignment of AGC infrastructure standards
- Work towards unified railway law (Joint Declaration)



#### Working Party on Inland Water Transport (SC.3)

- Amendments of the AGN inland water network
- New Blue Book IWT database (on-line)
- Harmonization of professional requirements in IWT





**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**12. Election of officers for 2012**

The Working Party will elect a Chair for its session in 2013

**13. Date and venue of next session**

21-22 October 2013



**Working Party on Intermodal Transport and Logistics**  
**55. session (6-7 November 2012)**

**14. Summary of decisions**

**Draft report: available November/December 2012 (English)**

**Further information:**

**[www.unece.org/trans/wp24](http://www.unece.org/trans/wp24)**



# United Nations Economic Commission for Europe (UNECE)



**Palais des Nations, Geneva (Switzerland)**