Working Party on Intermodal Transport and Logistics (WP.24)
Working Party on Rail Transport (SC.2)

Joint session

Programme

Thursday, 3 November 2011 (Salle XI, Palais des Nations, Geneva)		
14:30-17:30	**Joint session of WP.24 and SC.2**	
14:30-14:40	Opening of joint session	Address by the chairs of WP.24 and SC.2
14.40-16.40	2011 Theme: Role of terminals and logistics centers for intermodal transport WP.24 – Agenda item 5 SC.2 – Agenda item 9	
	Doc. ECE/TRANS/WP.24/2011/3 Doc. ECE/TRANS/SC.2/2011/2 Introduction to the 2011 theme	UNECE secretariat (on behalf of the WP.24 group of experts)
	Planning and operational concept: New multimodal terminal at Dourges (Nord – Pas de Calais, France)	Mr. Philippe RIGAUD Direction Régionale de l'Environnement, de l'Aménagement et du Logement (DREAL) (Nord – Pas de Calais, France)
	European freight villages and their success factors	Dr. Thomas NOBEL Managing Director, German Association of Freight Villages (GVZ), Bremen, Germany
16:40-17:00	Coffee break	Networking
17:00-17:25	*European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)* *European Agreement on Main International Railway Lines (AGC)* *WP.24 – Agenda item 7 (c) SC.2 – Agenda item 2 (c)*	
	ECE/TRANS/WP.24/2010/2 ECE/TRANS/SC.2/2010/1 Technical report	UNECE secretariat
17:25 – 17:30	Close of joint session	Closing remarks by the chairs of WP.24 and SC.2

Programme

Jeudi 3 novembre 2011 (Salle XI, Palais des Nations, Genève)		
14:30 - 17:30	**Séance commune WP.24 et SC.2**	
14:30–14:40	Ouverture	Allocution des présidents du WP.24 et du SC.2
14.40 – 16.40	Thème 2011: Le rôle des terminaux et des centres logistiques dans le transport intermodal WP.24 – Point 5 de l'ordre du jour SC.2 - Point 9 de l'ordre du jour	
	ECE/TRANS/WP.24/2011/3 ECE/TRANS/SC.2/2011/2 Introduction	Secrétariat de la CEE-ONU (pour le groupe d'experts du WP.24)
	Planification et création de la plate-forme multimodale de Dourges (Nord – Pas de Calais, France)	M. Philippe RIGAUD Direction Régionale de l'Environnement, de l'Aménagement et du Logement (DREAL) (Nord – Pas de Calais, France)
	Centres logistiques européens [illegible] facteurs de succès	Dr. Thomas NOBEL Directeur, Association allemande des centres de logistiques (GVZ), Brème, Allemagne
16:40 – 17:00	Pause café	Réseautage
17:00 – 17:25	*Accord européen sur les grandes lignes de transport international combiné et les installations connexes (Accord AGTC)* *Accord européen sur les grandes lignes internationales de chemin de fer (Accord AGC)* *WP.24 – Point 7 (c) de l'ordre du jour SC.2 – Point 2 (c) de l'ordre du jour*	
	ECE/TRANS/WP.24/2010/2 ECE/TRANS/SC.2/2010/1 Rapport technique	Secrétariat de la CEE-ONU
17:25 – 17:30	Clôture de la séance commune	Conclusion des présidents du WP.24 et du SC.2

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

European Agreement on Main International Raileay Lines (AGC Agreement)

WP.24 – Agenda item 7 (c) **SC.2 – Agenda item 2 (c)**

- **Introduction: UNECE secretariat**
  - **Review of technical characteristics of AGC and AGTC rail networks**
    ECE/TRANS/SC.2/2010/1 (E,F,R
    ECE/TRANS/WP.24/2010/2 (E,F,R)
  - **Survey on relevance of AGC and AGTC technical parameters**
    ECE/TRANS/WP.24/2009/2 (E,F,R)

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)
  - AGTC (Annex III)
  - TSI (EU)
  - TAR (ESCAP)
  - TER
  - EIM (technical strategy)
  - FERRMED (standards)
  - County proposals (TRANS/WP.24/2005/5)
- **Compiled by secretariat in:** ECE/TRANS/SC.2/2010/1
  ECE/TRANS/WP.24/2010/2

United Nations Economic Commission for Europe

European Agreement on Main International Railway Lines (AGC)

31 May 1985

Photo Source: SBB-CFF

UNITED NATIONS

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 (≤200 km/h)	22.5 t	-	22.5 t
Rail cars and rail motor sets (≤300 km/h)	17 t	17 t	17 t
Carriages	16 t	-	16 t
Wagons ≤ 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.

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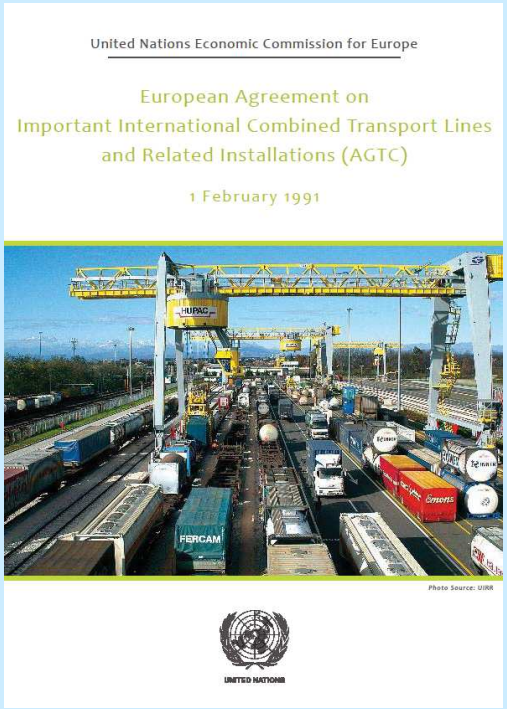
AGTC Infrastructure Parameters (Annex III)



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 2/	UIC C 2/
3. Minimum distance between track centres 1/		4.0 m	4.2 m
4. Nominal minimum speed	100 km/h 3/	120 km/h 3/	120 km/h 3/
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 1/	(not specified)	(not specified)	12.5 mm/m
7. Minimum useful siding length	600 m	750 m	750 m

1/ Not of immediate relevance for combined transport, but recommended for efficient international combined transport.
2/ UIC: International Union of Railways.
3/ Minimum standards for combined transport trains (see annex IV).

AGC and AGTC minimum infrastructure parameters

Consensus (in principle) …	with possible amendments:
1. Number of tracks	
2. Loading gauge	
3. Distance between track centers	
4. Minimum speed (nominal)	Maximum (design) speed)
5. Mass per axle (loco. Carriages, wagons)	22.5 t for all
6. Mass per linear meter	
7. Test train	
8. Gradient	
9. Platform length (in principal stations)	“Principal” ? 300-320 m ?
10. Useful siding length (750 m)	750-1000 m ?
11. Level crossings	

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)

Proposed SC.2 and WP.24 actions

- Review of present AGC+AGTC minimum 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
- Request written comments (Contracting Parties) by 1 March 2012

  Group of volunteers to prepare amendment proposals to AGC and AGTC Agreements
- WP.24 and SC.2 review proposals at November 2012 sessions

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AGC and AGTC networks