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EUROPEAN AGREEMENT ON MAIN INTERNATIONAL RAILWAY LINES (AGC)

1997 AGC Inventory

Note by the Secretariat

Please note that the distribution of documentation for the Working Party on Rail Transport (SC.2) is no longer "restricted". Accordingly, the secretariat has adopted a new numbering system whereby all working documents other than Reports and Agendas will be numbered as follows: TRANS/SC.2/year/serial number. Reports, Agendas, resolutions and major publications will retain their previous numbering system (i.e. TRANS/SC.2/189).

In accordance with a decision of the ECE Inland Transport Committee (ECE/TRANS/125, para.101), an inventory of technical and operational parameters contained in the European Agreement on Main International Railway Lines (AGC) and in the European Agreement on Important International Combined Transport Lines and Related Installations (AGTC) should be established.

In 1993, the ECE issued a first inventory for the year 1992, covering only the AGTC network. For the year 1997, a second inventory is now being established on the basis of the attached pre-filled questionnaire covering both the AGC and the AGTC networks. Since both networks overlap to a large extent, and since many parameters in both agreements are identical, this second inventory will allow a comparison between the infrastructure and service standards and parameters in 1992 with those in 1997 for the most important railway lines in Europe.

**INVENTORY OF EXISTING STANDARDS AND PARAMETERS
OF THE AGC AGREEMENT AND THE AGTC AGREEMENT^{3/}**

Country: AGC line/ AGTC line code ^{4/}	Section of line ^{5/}	Railway lines: Infrastructure parameters (AGC, annex II/ AGTC, annex III) (Text in brackets below refer to target values in the AGC and AGTC)										Level crossings ^{6/}				
		Year:	Number of tracks (not speci- fied)	Loading gauge ^{7/} (UIC B)	Minimum distance between track centers ^{8/} (4.0m)	Nominal minimum speed AGTC: ^{9/} (100km/h) (120km/h) AGC: ^{9/} (160km/h)	Authorized mass per axle				Authorized mass per linear meter ^{10/} (8t)		Maximum gradient ^{11/} AGTC: (not specified) AGC: (35mm/m)	Minimum platform length in principal stations ^{12/} (400m)	Siding length (min. 750m)	Capacity bottle- necks ^{13/} (seldom)
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			(not speci- fied)	(UIC B)	(4.0m)	AGTC: ^{9/} (100km/h) (120km/h) AGC: ^{9/} (160km/h)	Loco- mo- tives ^{14/} (22.5t)	Rail cars and rail motor sets ^{15/} (1.7t)	Carri- ages ^{16/} (1.6t)	Wa- gons ^{17/} (20t (18t))	(8t)	AGTC: (not specified) AGC: (35mm/m)	(400m)	(min. 750m)	(seldom)	

EXPLANATORY NOTES

For an explanation of loading gauge code numbers used by some countries (i.e. Germany and Italy), it should be noted that:

UIC B = P 45, C 45; P= Pocket-wagons
UIC C1= P 102, C 102; C=Containers/swap-bodies

EXPLANATIONS OF FOOTNOTES IN THE TABLES

- a/ Railway network as stipulated in the European Agreement on Important International Combined Transport Lines and Related Installations (AGTC Agreement of 1 February 1991). Railway network as stipulated in the European Agreement on Main International Railway Lines (AGC Agreement of 31 May 1985).
- b/ See AGTC, annex I; see AGC, annex I.
"C-E" denotes railway lines which are contained and which are essentially identical in the AGTC and AGC Agreement.
"C" denotes railway lines which are contained only in the AGTC Agreement.
"E" denotes railway lines which are contained only in the AGC Agreement.
- c/ AGC and AGTC lines in a country have been divided into sections (parts of lines) which have the same or nearly the same infrastructure parameters (for example: Belgium: C-E 15 may be separated into two sections: "(Roosendaal-) Antwerpen-Bruxelles" and Bruxelles-Quévy (-Feignies)").
- d/ Target values given in the table refer to existing lines only. In filling in the table the actual values have been inserted indicating the value of the most restrictive parameters.
- e/ Minimum distance between track centres on existing lines: 4.0m.
- f/ For wagons \leq 100 km/h: 22.5 t; for wagons \leq 120 km/h: 20 t.
- g/ Nominal minimum speed on existing lines: 160km/h.
- h/ For locomotives \leq 200km/h: 22.5t at a speed of 200km/h (AGC only).
- i/ For rail cars and rail motor sets \leq 300km/h: 17t at a speed of 160km/h (AGC only).
- j/ AGC only.
- k/ For wagons \leq 100km/h: 20t at a speed of 100km/h, for wagons \leq 120km/h: 20t at a speed of 120km/h, for wagons \leq 140km/h: 18t at a speed of 140km/h.
- l/ Authorized mass per linear metre: 8t.
- m/ Maximum gradient: (a) AGTC: (not specified), (b) AGC: 35mm/m.

n/ Minimum platform length in principal stations: 400m (AGC only).

o/ Minimum useful siding length: 750m.

p/ "never", "seldom", "occasionally", "often", or "always" (AGC only).

EXPLANATIONS OF SYMBOLS AND ABBREVIATIONS EMPLOYED IN THE TABLES:

...	=	Not available and should be filled in
-	=	Magnitude zero
.	=	Not applicable
km/h	=	Kilometre-hour
t	=	Tonne
m	=	Metre
min.	=	Minute
