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Working Party on Transport Statistics

Ad hoc Group of Experts on the E-Rail Traffic Census

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Item 5 of the provisional agenda

**DRAFT RECOMMENDATIONS TO GOVERNMENTS ON THE E-RAIL TRAFFIC
CENSUS IN EUROPE IN 2010
("2010 E-RAIL TRAFFIC CENSUS")¹**

Addendum

2010 E-Rail Traffic Census Tables

1. Each country should provide data in accordance with the following tables for the census year 2010.
2. Data transmission arrangements for European Union countries are similar to those applied to other Annexes of Regulation (EC) 91/2003.

¹ For all definitions, consult document ECE/TRANS/WP.6/AC.4/2008/1/Add.2.

Traffic flows on the rail network

Table 1. **Goods** train movements per year

Each country should provide data as informally exemplified below for the case of the Czech Republic.

Network segment identifier*	AGC line** number	AGTC line*** number	TEN flag*	Number of trains*
CZS1001			Yes/No	
CZS2001			Yes/No	
CZS1002			Yes/No	
....				
CZS2nnn			Yes/No	

Table 2. **Passenger** train movements per year

Each country should provide data as informally exemplified below for the case of the Czech Republic.

Network segment* identifier	AGC line** number	AGTC line*** number	TEN flag*	Number of trains*
CZS1001			Yes/No	
CZS2001			Yes/No	
CZS1002			Yes/No	
....				
CZS2nnn			Yes/No	

* See Table 7.

** In accordance with the AGC Agreement <<http://www.unece.org/trans/main/sc2/sc2.html>>.

*** In accordance with the AGTC Agreement <<http://www.unece.org/trans/wp24/welcome.html>>.

Table 3. **Other** train movements (service trains, etc.) per year – **OPTIONAL**

Each country should provide data as informally exemplified below for the case of the Czech Republic.

Network segment* identifier	AGC line** number	AGTC line*** number	TEN flag*	Number of trains*
CZS1001			Yes/No	
CZS2001			Yes/No	
CZS1002			Yes/No	
....				
CZS2nnn			Yes/No	

Table 4. Hauled train-kilometres per year - **OPTIONAL**

Network	Train-kilometres		
	Passenger trains	Goods trains	Other ² trains
E-Rail			
Other national			
Total			

² Optional.

* See Table 7.

** In accordance with the AGC Agreement <<http://www.unece.org/trans/main/sc2/sc2.html>>.

*** In accordance with the AGTC Agreement <<http://www.unece.org/trans/wp24/welcome.html>>.

Table 5. Technical characteristics of the rail network segments in 2010

The following technical characteristics should be given for each network segment. The countries are free to choose the granularity of the segmentation so that the segments build up a network.

Network segment identifier*	From	To	AGC line number**	AGTC line number***	TEN flag*	Track gauge	Length in km	Number of tracks	Is the segment electrified (Yes/No)?	Type of current (AC/DC) and voltage
CZS0001					Yes/No					
CZS0002					Yes/No					
CZS0003					Yes/No					
....										
CZS0nnn					Yes/No					

Table 6. Geographical co-ordinates of the rail network segments

Network segment identifier	Points (geographical co-ordinates)	
	X	Y
CZS0001	x1	y1
	x2	y2

	xn	Yn
CZS0nnn

* See Table 7.

** In accordance with the AGC Agreement <<http://www.unece.org/trans/main/sc2/sc2.html>>.

*** In accordance with the AGTC Agreement <<http://www.unece.org/trans/wp24/welcome.html>>.

Table 7. Description of variables

Country name	Use ISO3166-alpha2 except the United Kingdom. For the United Kingdom use the UK.
Network segment identifier	Use ISO3166-alpha2 except the United Kingdom. For the United Kingdom + 'S' + indication of direction (1 or 2) + number on 3 positions. It is recommended that traffic in different directions is reported by designating a separate "network segment" for each direction. For example, "Praha-Plzeň" ³ could be "1001" and "Plzeň-Praha" "2001".
TEN flag (Rail Transport European Network)	0: No 1: Yes
Number of trains	Numeric
Geographical co-ordinates	Spherical co-ordinates are measured in latitude and longitude. If the earth is considered to be a sphere, latitude and longitude are angles measured from the earth's centre to a point on the earth surface. Latitude and longitude are measured in degrees, minutes and seconds. The equator has latitude 0°, the North Pole 90°, and the South Pole -90°. The Prime Meridian, indicating a longitude of 0°, starts at the North Pole, passes through Greenwich, England and ends at the South Pole." At least the coordinates of the starting and ending points of the segment should be reported.

³ Praha-Plzeň is used as an informal example only. It might be that the national authorities choose to divide this line into several sections, if there happen to be major junctions, stations or sidings between the two cities.