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Working Party on Transport Statistics

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Item 3 (i) of the provisional agenda

Methodological development and harmonization of transport statistics

Passenger accessibility of heavy rail systems

Submitted by the European Railway Agency

I. Mandate

1. The Inland Transport Committee, at its seventy-second session in February 2010, endorsed the policy statement on passenger accessibility of heavy rail systems adopted by the Working Party on Rail Transport (ECE/TRANS/SC.2/212, annex III) and invited the Working Party on Transport Statistics to consider whether and how it could collect the data needed to quantify social benefits of accessibility measures.
2. The secretariat presents below a proposal submitted by the European Railway Agency (ERA).

II. Proposal

3. Following the request of the UNECE Inland Transport Committee for data collection related to the accessibility of the railway transport by People with Reduced Mobility (PRM), the ERA would highlight the following key parameters to be collected for the consideration of the next session of the Working Party on Transport Statistics (WP6):
4. Infrastructure parameter
 - (a) PRM stations with free obstacle route with the following breakdown:
 - (i) Small station: less than 1000 passengers per day (combined total of passengers; embarking and disembarking);
 - (ii) Large stations: the first 10 stations in terms of passengers per day;

- (iii) Other stations: remaining stations being not considered “small” or “large”.
 - (b) Number of stations according to the platform height:
 - (i) 550 mm;
 - (ii) 760 mm;
 - (iii) Stations with a platform height lower than 550 mm;
 - (iv) Stations with a platform height higher than 760 mm;
 - (v) Stations with platform height > 550 mm and < 760 mm;
 - (vi) Stations with several types of platform heights, at least one of them is 550 or 760 mm.
 - (c) Stations with boarding aids:
 - (i) Number of stations with following break-down
 - Manual ramps;
 - Semi-automatic ramps (and possibly manual ramps);
 - Boarding lifts (and possibly manual or semi-automatic ramps).
 - (ii) Number of equipments in stations with the following break-down:
 - Manual ramps;
 - Semi-automatic ramps (and possibly manual ramps);
 - Boarding lifts (and possibly manual or semi-automatic ramps).
5. Rolling stock parameter
- (a) Passenger rolling stock (RST) equipped with boarding aid, with the following breakdown:
 - (i) RST only with portable ramps;
 - (ii) RST with semi-automatic ramps (and possibly manual ramps);
 - (iii) RST with bridging plates (and possibly manual ramps);
 - (iv) RST with on-board lifts (and possibly bridging plates or semi-automatic ramps and manual ramps);
 - (b) Rolling stock with spaces for wheelchair users, with the following breakdown:
 - (i) EMU¹/DMU² trains total:
 - Number of trainsets equipped with wheelchair users spaces;
 - Total number of wheelchair users spaces;
 - (ii) Other trains than E-DMU; total number of vehicles equipped with wheelchair users spaces:
 - Number of trainsets equipped with wheelchair users spaces;

¹ EMU: electric multiple unit.

² DMU: diesel multiple unit.

- Total number of wheelchair users spaces.

6. Passenger traffic

(a) Passenger traffic with a PRM card (allowing discount fares, national definition to be given):

(i) Traffic with card related to mobility impairment;

- Number of passengers;
- Number of passenger-kilometres;

(ii) Traffic with card related to visual impairment;

- Number of passengers;
- Number of passenger-kilometres;

(iii) Traffic with card related to other impairments;

- Number of passengers;
- Number of passenger-kilometres.

7. Definitions shall be taken from the PRM TSI³ published in EU Official Journal on 21 December 2007:

Obstacle free route: section 4.1.2.3. Obstacle-free route, page 96 ;

Platform height: section 4.1.2.18.1. Platform height, page 103;

Boarding aids: station: 4.1.2.21. Boarding aids for passengers using wheelchairs;

RST: 4.2.2.12.3. Boarding aids.

³ TSI: Technical Specifications for Interoperability.