

4th edition, March 2007

Translation

O

Special design and fittings features of vehicles accepted for use in international passenger night traffic

Caractéristiques particulières de construction et d'aménagement intérieur des véhicules du trafic de nuit admis en trafic international

Besondere Bau- und Ausstattungsmerkmale für im internationalen Verkehr zugelassene Fahrzeuge des Nachtreiseverkehrs



UNION INTERNATIONALE DES CHEMINS DE FER
INTERNATIONALER EISENBAHNVERBAND
INTERNATIONAL UNION OF RAILWAYS

Leaflet to be classified in Volumes:

V - Transport stock

I - Passenger and baggage traffic

IV - Operating

Application:

With effect from 1 March 2007

All members of the International Union of Railways

Record of updates

1st edition, January 1979	First issue
2nd edition, January 1993	with its 2 amendments (1.7.1993, 1.1.1996)
3rd edition, April 2003	Incorporation of the safety features tested by the "Safety in Night Traffic" Working Party Description of the interior fittings of the modules in question
4th edition, March 2007	Rewording of points 2.12 and 3.3

The person responsible for this leaflet is named in the UIC Code

Contents

Summary	1
1 - Scope	2
2 - Basic provisions	3
2.1 - General	3
2.2 - Maximum loading gauge.....	3
2.3 - Speed	3
2.4 - Brakes	3
2.5 - Entrance vestibules and entrance doors	3
2.6 - "Persons on board" indication.....	3
2.7 - Gangways between coaches.....	3
2.8 - Soundproofing	3
2.9 - Air-conditioning installations	4
2.10 -Sanitary modules	4
2.11 -Windows/Emergency exits.....	4
2.12 -Fire protection	4
2.13 -Service compartment.....	4
2.14 -Wheelchair passengers	4
3 - Comfort and safety features	5
3.1 - Description of berths.....	5
3.2 - Description of modules	6
3.3 - Doors	12
4 - Technical characteristics	14
4.1 - Water supply - drainage of water installations	14
4.2 - Electrical power supply	14
4.3 - Lighting	15
4.4 - Public address and intercom systems	15

List of abbreviations	16
Bibliography	17

Summary

UIC Leaflet 565-1 applies to the single-tier and multi-tier vehicles used in passenger night services offering sleeping accommodation: in compartments with one to four sleeper berths, and/or in compartments with four to six couchettes.

It sets out the special and/or additional requirements as well as any departures from the UIC provisions generally applicable to passenger coaches, in connection, for instance, with water and power supply, air-conditioning, lighting, intercom arrangements and public address system.

It indicates the fundamental points to be borne in mind as regards the spatial layout of the vehicle and describes the modules to be considered in respect of the interior fitting-out of the vehicle (e.g. compartments, toilets).

The leaflet also proposes specific features which might be introduced to improve the safety of passengers and attendants, these safety facilities having been defined, tested and validated by the "Safety in Night Traffic" Working Party.

Application of the provisions of this leaflet is obligatory. The recommendatory nature of certain provisions is made clear in the wording of the passages in question.

The leaflet applies to future orders for vehicles of new design as well as to existing vehicles undergoing extensive renovation and conversion.

1 - Scope

This leaflet is applicable to:

- new designs of single-tier and multi-tier vehicles for use in passenger night services offering sleeping car berths and/or couchettes, ordered after 1 January 2003;
- existing night traffic vehicles undergoing extensive renewal and conversion work after 1 January 2003.

The provisions contained in this leaflet shall carry mandatory status, with the exception of those worded as recommendations (see points 2.10 - page 4, 4th paragraph; 3.2.1 - page 6, 9th paragraph; 3.2.2 - page 7, 3rd paragraph and 3.2.4 - page 8).

2 - Basic provisions

2.1 - General

The vehicles used in night trains must comply with the UIC provisions (see Bibliography - page 17) applicable to all passenger coaches, subject to any exceptions stated in the following text. The UIC leaflets in particular listed in the Bibliography must be heeded.

2.2 - Maximum loading gauge

Where multi-tier night train vehicles are designed in accordance with the provisions of *UIC Leaflet 506*, agreement as regards their deployment must be reached between the railway undertakings involved.

2.3 - Speed

The running gear of the vehicles shall be suitable for speeds of at least 200 km/h.

2.4 - Brakes

The vehicles shall be fitted with disc brakes.

2.5 - Entrance vestibules and entrance doors

The vehicles must have at least one entrance vestibule with two access doors. A hand brake as specified in *UIC Leaflet 543* and an electrical control box as specified in *UIC Leaflet 550-1* must be accessible from the entrance vestibule.

2.6 - "Persons on board" indication

A system to indicate that people are on board the stabled coach shall be provided on each side of the coach, at about 1 200 mm above the upper edge of the side sill and close to a door.

2.7 - Gangways between coaches

These must comply with *UIC Leaflet 561* concerning improved comfort.

2.8 - Soundproofing

The vehicle shall be acoustically insulated in such a way as to ensure that the level of running noise inside all the compartments and modules does not exceed 60 dB (A).