

4th edition, July 2002

Translation

R

Railway radio equipment - Fixed and mobile units - General technical considerations

Équipement radioélectrique du chemin de fer - Postes fixes et mobiles - Considérations techniques générales

Ortsfeste und mobile Funkeinrichtungen für Eisenbahnen - Allgemeine Technische Bedingungen



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



Documents

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Retyped in FrameMaker.

Important: the articles (points) in this leaflet have been renumbered in the new edition. The first digit of each point has been increased by one (i.e. 0 becomes 1, 1 becomes 2, and so on). Please take account of this when using cross-references from other leaflets.

Addition of the sentence on GSM-R in point 1.1.

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

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Summary

This leaflet sets out general technical considerations applicable to the radio service links covered in *UIC Leaflet 750*, with the exception of ground-to-train radio. Key points handled include modes of operation and choice of frequencies. The leaflet also contains technical requirements for the minimum reception voltage, transmitting power and rules for the aerials of fixed and mobile units. Different radio network structures are described: single frequency (with selective call function in some cases), multi-frequency, combined, fixed unit networks working in relay and monitored links. Finally, a technical solution is specified for closing off discrete networks working on the same radio frequency.