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Original

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General principles governing the preparation and administration of coding

*Principes généraux réglant l'établissement et la gérance des codifications
Allgemeine Grundsätze für die Aufstellung und Geschäftsführung der Codierung*



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

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All members of the International Union of Railways and OSJD

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2nd edition, April 1976	Published with the title "General principles governing the preparation and administration of codings"
3rd edition, January 1990	-
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The person responsible for this leaflet is named in the UIC Code

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Summary

The purpose of this leaflet is to specify the principles and conditions for the creation, examination, administration and maintenance of coding of information used by the members of the UIC and/or OSJD for the processing of traffic, transport and other documents and for exchanges of information regarding international freight and passenger transport as well as infrastructure management.

1 - Purpose of the leaflet

1.1 - The purpose of this leaflet is to specify the principles and conditions for the creation, examination, administration and maintenance of coding of information used by the members of the UIC and/or OSJD for the processing of traffic, transport and other documents and for exchanges of information regarding international freight and passenger transport as well as infrastructure management.

1.2 - This leaflet is based on the need to unify the coding of information in UIC and OSJD, in order to organise the exchange of information between railway undertakings and/or infrastructure managers and to create the conditions for the establishment of standardised databases at international level.

1.3 - This leaflet is based on the premise that the object of coding is data elements and/or groups of elements in blocks of data (strings, segments).

Standards for coding of information and international information exchanges between railway undertakings and/or infrastructure managers are specified in special normative documents - leaflets, based either on:

- railway standards produced specially for the railway companies in common by the UIC and OSJD, or
- general standards, produced by international organisations (e.g. ISO, UN, W3C).

These leaflets define:

- the principles, methods, conditions and rules for coding data elements and how they fit into groups, blocks of data and messages;
- the principles, conditions and rules for information exchange between UIC and/or OSJD members;
- catalogues, lists and libraries, which include information about coded elements, structures of blocks of data and messages, as well as data models;
- rules for implementation of the coding standards.

The common UIC/OSJD leaflets carry mandatory status for members of both organisations. Any exemption from this provision shall be specified in the leaflet in question.

1.4 - This leaflet supplements and draws on the provisions of the Internal Regulations of the Joint UIC/OSJD Group for Coding and Information Technology.