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Translation

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Compendium of the data to be exchanged between Railway Undertakings (RUs) for the purpose of conveying freight traffic

Répertoire des informations à échanger entre Entreprises Ferroviaires (EF) pour la production des transports de fret ferroviaire

Zusammenstellung der zwischen den Eisenbahnverkehrsunternehmen (EVU) im Schienengüterverkehr für die Produktionsdurchführung auszutauschenden Informationen



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Application :

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All members of the International Union of Railway

Record of updates

1st edition, March 1972	Entitled: "Regulations governing the exchange between Railways of preliminary information relating to consignments by international services".
2nd edition, July 1978	Entitled: "Regulations governing the advance exchange of information between railways relating to international freight traffic in wagons".
3rd edition, January 1982	Entitled: "Compendium of wagonload consignment data exchanged between railways in international traffic", and 10 modifications. Further development.
4th edition, February 2008	Complete revision of the January 1982 Leaflet bearing in mind the introduction of CIM 1999.
5th edition, May 2015	Complete Revision, restructuring of the Hermes 30 Message under consideration of the TAF TSI requirements.

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

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Summary

This Leaflet contains a compendium of the information to be exchanged between railway undertakings (RUs) when carrying out rail freight traffic.

In multilateral rail freight traffic it is necessary to provide data for the movement of a train and the wagons, loading units and other rail vehicles that it contains to the RUs which move the train and carry out the individual transport operations. This is the basis for an efficient and economical operation of the trains and the transport operation.

If this data is transmitted to the following RU at the right time it is not necessary for the participating RUs to collect it and/or capture it.

1 - Object

This leaflet specifies the data to be exchanged which is necessary for the operation of trains and the forwarding of wagons, intermodal units or other rail vehicles.

The data exchange is in the XML message format (see Appendix 1 XSD-Schema, see: www.uic.org/spip.php?article3379).

A detailed description of the message contents is given in Appendix 2 (XLS) (see: www.uic.org/spip.php?article3379). The information from HERMES30 xml version 2.0 is divided into the following groups:

- Basic information,
- Train related data,
- Wagon data,
- Commercial Wagon data,
- Information concerning the load of the wagon,
- Specific Information on the load of the wagon,
- Current operational wagon data,

The structure of the previous Hermes 30 messages is described in [Appendix A - page 9](#).

This leaflet specifies the type of information, which all RUs consider appropriate to transmit.

The compiling of this information is basically done for all the vehicles in a freight train.

Timing and Update of Messages

The HERMES-message should be send as early as possible, when the train-composition is finished at the last station, where the wagon-sequence is changed.

In the HERMES-message the information concerning the Engines are respective to those engines, which are on the train at the last station, where the wagon-sequence is changed. The HERMES message should be sent as early as possible even when the engines are not yet known. Another HERMES-message can be sent when the engines crossing the border are known, if it is bilaterally agreed.

2 - Nature and organisation of data

This structure refers to the Schema description from the HERMES 30 XML versions 2.0.

Data exchanged shall be divided into nine groups according to affinity.

The guidelines governing the Implementation are set in Appendix 1 (XSD schema), see: www.uic.org/spip.php?article3379.

The detailed description and encoding to be used is described in Appendix 2 (XLS file), see: www.uic.org/spip.php?article3379.

2.1 - File header

In the XML File header following version information is to be provided:

```
<?xml version="1.0" encoding="UTF-8"?>
<PreAdvice_404-2_2013
xmlns:xsi=http://www.w3.org/2001/XMLSchema-instance
xsi:schemaLocation="http://www.gru.raildata.ch/
H30_XML_version_2_0_2014-01-02.xsd">
```

"H30_XML_version_2_0_2014-01-02.xsd" is the file name of the currently used schema file and must be adapted when the version and therefore the file name is changed.

2.2 - Group H: Message Header

Basic message information.

2.3 - Group T: Train related data

The Group T consists of 4 sub-groups:

- Group T1: Train data
- Group T2: Interchange Points
- Group T3: Engines
- Group T4: Wagon list information

2.4 - Group W: Wagon data

The Group W consists of 2 sub-groups:

- Group W1: Technical Wagon data
- Group W2: Wagon restrictions data