APPENDIX 15
TO THE GENERAL CONTRACT OF USE FOR WAGONS

WAGON PERFORMANCE MESSAGE (WPM)

Appendix 15 describes in more detail the information-related requirements laid out in article 15.

In accordance with pages 3-4, the user RU must send the Wagon Performance Message to the wagon keeper for all wagons registered in the GCU database.

The user RU must send the complete set of wagon performance data for the entire custody period of a wagon in accordance with GCU Article 1.4. The wagon performance data must be sent to the keeper by the end of the month at the latest for each period of custody concluded in the previous month. Wagon performance data for multiple wagons may be contained in a single Wagon Performance Message.

Should the user RU transfer a wagon to a third-party RU in accordance with GCU article 16, the last user RU which is a GCU signatory remains responsible for submitting the complete Wagon Performance Message on behalf of the third-party RU.

The user RU is informed if the wagon number is not found in the GCU database.

The performance message should be sent electronically in XML[1] or CSV format[2] in accordance with the description hereafter. The keeper must be sent a separate performance message for every custody period.

To correct any erroneous performance data within a message, the RU should send an identical dataset with a negative mileage that cancels out the erroneous dataset. A new, correct dataset is also to be sent if required.

The GCU Bureau provides a communication platform (GCU Broker) to the signatories for transmission of the Wagon Performance Message.

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[1] The XSD diagram and sample files are available to download from the GCU website.

[2] CSV files can be produced and read using (for example) MS Excel.

Wagon Performance Message in CSV format with 5 sample data records

WagonNumberFreight	UserRU	PeriodStart	PeriodEnd	Country	Kilometers	TotalLoadWeight
338078605601	2887	29.10.2016 09:00	29.10.2016 12:01	DE	124	64200
338078605601	2887	29.10.2016 12:01	30.10.2016 08:24	AT	354	0
338078605601	2887	31.10.2016 12:25	01.11.2016 13:10		355	58000
338078605601	2887	29.10.2016 12:01	31.10.2016 08:24		634	50000
338078134636	1234	29.10.2016 12:01	31.10.2016 08:24	AT	734	58230

Performance message with a correction posted for the last dataset in the report above

WagonNumberFreight	User RU	Period Start	Period End	Country	Kilometers	TotalLoadWeight
338078134636	1234	29.10.2016 12:01	31.10.2016 08:24	AT	-734	58230
338078134636	1234	29.10.2016 12:01	31.10.2016 08:24	DE	634	58230

Remarks

- A semi-colon (";") is to be used as the separating character for CSV files.
- The header must be included in the file.
- If the times for PeriodStart and PeriodEnd are unknown, "00:00" is to be used ("DD.MM.YYYY 00:00").
- A CSV sample file and template are available to download from the GCU website.

Description of wagon performance message (WPM) elements in CSV format

Element	Status	Definition
WagonNumberFreight	Mandatory	Full 12-position wagon number, including check digit, without spaces or hyphens. Example: 338078605601
User RU	Mandatory	4-position numerical company code of the user RU.
PeriodStart	Mandatory	Starting date and time of the wagon performance message (beginning of custody period). Format: dd.mm.yyyy hh:mm
PeriodEnd	Mandatory	End date and time of the wagon performance message (end of custody period). Format: dd.mm.yyyy hh:mm
Country	Conditional[3]	Identification of the country where the wagon performance was executed using the 2-position alphanumerical country code in accordance with ISO 3166-1. Example: FR
Kilometers	Mandatory	Actual kilometric performance of the wagon for the period specified (start date to end date). Kilometric performances within a station due to, for example, shunting movements for the purpose of loading/unloading or train formation can be disregarded. Tariff kilometres, estimations or timetabled kilometres are not sufficient to meet this requirement. Example: 423 (without decimal place)
TotalLoadWeight	Mandatory	Payload (net tonnage), including container, in kg. Empty = 0 kg Example: 55400 (without decimal place)

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[3] Obligatory in Germany under the "Noise Bonus" system. Performance data for cross-border traffic must be submitted separately by country within a single custody period.