

2nd edition, May 2004

Translation

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Application of digital track geometry analysis to the planning of tamping and lining/levelling work

Application de l'évaluation digitale de l'état géométrique de la voie dans le cadre de la planification des travaux de bourrage et de dressage

Anwendung der digitalen Bewertung des geometrischen Gleiszustandes zur Planung von Stopf- und Richtarbeiten



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NB: The contents of the edition of January 1986 have not been changed.

Important: the 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.

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

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Summary

UIC Leaflet 715-1 sets out the general principles relating to the continuous measurement of the geometrical quality of the track and of switch and crossing work: the frequency of measurement, limiting values, analysis and preparation of programmes of work. The measurements involve the use of digital procedures and, in conjunction with other observations, is based on determining the requirement in terms of tamping and lining/levelling work. The standard of geometrical quality to be achieved is defined as a function of the running speed, the desired level of comfort and the limiting intervention thresholds.

With a view to optimising maintenance costs the work needs to be scheduled in the light of the actual condition of the track and not just systematically: the leaflet provides recommendations concerning the length of the sections to be dealt with according to the defects observed.