

Amendments and Clarifications to Current Documents

The following document has been published containing minor errors or ambiguities. These are listed below with the amended text.

The changes will be incorporated into the document during the next revision of the document.

Document number	GC/RT5212	Document issue	One	Document issue date	February 2003
Title:	Requirements for Defining and Maintaining Clearances				
Section:	D	Clause number	D1.1		
Amendment text	<p>Aggregation of tolerances and allowances in gauging</p> <p>GC/RT5212 (D1.1) requires the effective position of the track (used to determine clearances) to be adjusted for accuracy of measurement and track tolerances.</p> <p>Although accuracy of measurement is often specified as a single value, this would have been derived from a statistical distribution, and the standard (D2) does not preclude the use of such a statistically generated value.</p> <p>Track tolerances specified in GC/RT5212 are deemed to be the maximum that may occur (D3). No reference is made to the aggregation of these tolerances (except in the case of intervals between adjacent tracks where a 25% aggregation reduction has been permitted), but they have historically been applied additively.</p> <p>Uncertainty analysis considers both the range of tolerances and allowances, and their probability of occurrence to determine the values that should be used to provide a given level of statistical certainty, and hence risk for both individual tracks and the relationship between adjacent tracks.</p> <p>For information on the application of uncertainty analysis to the infrastructure refer to RSSB project T373 (Uncertainty in Structure Gauging) on the RSSB web site. http://www.rssb.co.uk/Proj_popup.asp?TNumber=373</p> <p>It is recommended that, at the commencement of a project, the values and combinations of values used in this approach should be agreed with the relevant parties.</p>				