

**A Study on Evaluation Methods for Railway Signalling Systems
from the View Point of Availability**

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In recent years, RAMS international standards, relating to Reliability, Availability, Maintainability and Safety, have been established, and emphasis has come to be placed on availability as well as safety more than ever before. Therefore, in order to ensure the targeted availability of the railway signalling systems, we have studied a method of applying measures to the systems from the viewpoint of availability. As a result, we have found out that it is possible to identify effective measures to be applied to individual equipments constituting the systems to fulfill the target value, and also verified the effectiveness of the evaluation method constituted of recognition of present states, setting target values, and determination of measures to be applied to fulfill target availability.