

Proposal for Transmission Media Usage Functions in Transmission Protocol for Railway System

Satoko RYUO Akio HADA Daisuke YAMAGUCHI
Kazuki NAKAMURA Kunihiro KAWASAKI

Currently, information utilized through a railway system is being collected in each section, such as rolling stock section, civil engineering section and electricity section, which makes it difficult to share the information beyond sections. Therefore, in a previous study, we proposed an integrated information network for sharing the information of each section and basic functions of the communication protocol in this network. In this paper, we present details of the transmission media usage function among them. Furthermore, we report the results of a communication verification test using a router implementing the proposed functions.