

ABSTRACT

An on-board device is loaded in a moving vehicle traveling on a track. The on-board device determines whether or not a traveling route has been secured, based on station related data indicating data related to a branch on the traveling route of the moving vehicle and acquired from a station interface device of a station to which the branch belongs, and different moving vehicle related data indicating data related to a different moving vehicle acquired from the different moving vehicle on the traveling route. The on-board device determines the traveling of the moving vehicle on the secured traveling route based on the different moving vehicle related data.