

ABSTRACT

An on-board device is loaded in a moving vehicle traveling on a track. The on-board device includes a control device configured to control the traveling of the moving vehicle. The control device includes: an in-field traveling instructing section, a traveling route securing section, and a traveling permission section. The in-field traveling instructing section is configured to determine whether or not there is a blockade moving vehicle serving to hinder the traveling of the moving vehicle on a traveling route to an inspection field in a railyard, based on different moving vehicle related data indicating data related to different moving vehicles in the railyard when the moving vehicle is an inspection waiting vehicle in the railyard. The traveling route securing section is configured to request securement of the traveling route to a railyard interface device that controls branching on the traveling route when there is not the blockade moving vehicle on the traveling route. The traveling permission section is configured to permit the traveling of the moving vehicle on the secured route based on traveling route state data indicating the traveling route securement from the railyard interface device.