

Annotation

This thesis is based on the creation of a warning system for shunting locomotives, managed in one person. Shunting work is often carried out « in one person» without an assistant driver, in which it is impossible to provide an adequate overview from the driver's seat. If there are a large number of obstacles (people, workers, animals, foreign objects, etc.) on the station tracks. Station tracks are traditionally located near the borders of settlements. As part of this graduation project, I developed an appropriate warning system for the prevention of accidents. The correct movement of locomotives affects many aspects of Kazakhstan directly.