

CLASSIFICATION OF RISKS OF THE RAILWAY TRANSPORT AS A BASIS FOR FORMATION OF ECONOMIC SECURITY OF ITS FUNCTIONING

Rachynska A.V.

Postgraduate Student,
State Economy and Technology University of Transport

The railway transport sector is complex man-made system, the operation of which is accompanied by various risks threatening its economic security. Because rail transport must provide high quality and fast transportation of goods and passengers, taking into account the protection of their financial and economic interests of adverse factors and extraordinary events that are linked with activities like railway transport, and interaction with the users of its services. This complicates the process of creating a security system and rail traffic requires the formation of an effective mechanism to identify, analyze and prevent risks, and their financing.

Rail transport is responsible for all threats emanating from the operation of rolling stock that is causing damage to others, personal injury or death of passengers and damage to life and health of employees, third parties or their property, in addition, bear significant losses in case of damage of technical means and railway infrastructure.

Railway transport in modern conditions requires efficient use of resources and consideration of all transport risks as increasing the likelihood of damage and losses from extreme events is growing. The factors that affect the risks in the rail transport include: increasing the intensity and speed; complications of climatic conditions, increase of air and snow loads; dangerous goods; high level of depreciation of rolling stock and rail infrastructure; formation in the rail transportation of intermediary structures for various

purposes; decline in rail transport technical equipment over the lack of innovation and investment support development of the railway sector and others.

Therefore, in terms of railway reform a problem of valuation and accounting of risk increases and reducing of risks that affect the process of rail transport has a significant economic impact and radically solves the main concept – economic security of railway transportation.

Problems of security of cargo and passengers, as well as preventing losses and damages from extreme events become important for the further normal functioning of railway transport. The main task is the most accurate prediction of possible risks of accidents and emergencies, as well as the size of losses as a result of their occurrence.

Today there are already developed modern methods and technologies of prevention of emergency situations on railways of other countries and set up systems for forecasting risk of accidents and disasters in other industries. Therefore, on the basis of experience of preventive activities in the transport sector and foreign experience in management of rail risks it is important to create a national system of prevention and risk insurance on rail transport. It is necessary to create legal, organizational and economic mechanisms to reduce the risks of emergencies in rail transport by auditing these risks and improve control action for their implementation.