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Abstract

RISK MANAGEMENT IN OVERSIZED ROAD TRANSPORT IN THE ARMED FORCES OF THE REPUBLIC OF POLAND

The doctoral dissertation concerns the issues of risk management in oversized military transport. The paper presents the identification and analysis of undesirable factors, thanks to which it is possible to indicate both the level of risk in oversized transport and a set of critical undesirable factors. The main output of the work is the developed risk management model, which can be used to control the level and support risk management in oversized military transport. The implementation of this dissertation may contribute to a significant expansion of knowledge in the indicated area.

The dissertation begins with a list of abbreviations and a glossary of terms aimed at a detailed description and explanation of definitions related to the topic of the dissertation. The introduction to the thesis contains an introduction to the topic, theses thesis and goals to be achieved thanks to the dissertation. This part also contains the research assumptions adopted in the work, the justification for taking up the topic, the research subject and the work structure.

Chapter I – *Transport process management* – presents an analysis of the theoretical foundations and the state of knowledge in the area of the research subject. This chapter aims to introduce the specificity of managing the transport process. It also includes terminology directly related to this topic. The following concepts were also characterized: process, transport process, oversized transport. Additionally, the importance of transport in the world economy is presented. It is important that there are many sources of transport needs, which depend on the level of socio-economic development, and especially the level of social awareness, science, knowledge and technology.

Chapter II – *Military Road Transport* – aims to present the specificity of the military transport and traffic subsystem; it also illustrates the military transport authorities and their tasks. This chapter also presents the specificity of the process of preparing and planning the movement of the Polish Armed Forces.

Chapter III – *Risk and risk management in road transport* – is an analysis of the theoretical basis of risk and risk management in transport. The starting point for the considerations presented in the second chapter is broadly understood risk management, followed by a transition to risk analysis in transport. The review of the literature made it possible to show the specificity of risk analysis in oversized transport in the light of the tools used and the existing risk assessment models.

Chapter IV – *Identification, analysis and risk assessment in oversized transport of the Republic of Poland. The results of empirical research* – presentations of the methodology of the research procedure, questionnaire research in the form of, analysis and evaluation of the assessment in non-normative transport

Chapter V – *Identification of undesirable factors on risk management in oversized military transport* – is the last chapter in which the impact of adverse factors on risk management in oversized military transport was specified and assessed. The determinants of effective risk management in the Polish Armed Forces are also specified and a risk management model in oversized road transport is presented.

The dissertation is supplemented by a list of figures and tables, as well as attachments, which include, inter alia, survey questionnaire template. The results of the research carried out for the purposes of this study may be used to prevent or reduce the occurrence of undesirable factors, which may contribute to the undisturbed course of oversized transport in the Polish Armed Forces. The research area of the dissertation is on the border of issues directly related to logistics, transport, and the problem of management, which is the interdisciplinary nature of the work.

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