

POSITION

**From Prof. Dr. Silvia Trifonova Trifonova-Pramatarova,
University of National and World Economy (UNWE), Sofia**

of a dissertation for the award of the scientific degree “Doctor of Sciences”

in Area of Study 3. Social Sciences, Economics and Law

Field of Study 3.8. Economics

Author: Dr. Tadeusz Olejarz

Title: „Financial efficiency of the logistics provision of the polish army”

1. General description of the presented materials

By Order № 27/02.03.2021 of the Rector of the Higher School of Insurance and Finance (VUZF University) Assoc. Prof. Dr. Grigorii Vazov I have been appointed a member of the scientific jury for providing a procedure for defense of a dissertation on the topic “**Financial efficiency of the logistics provision of the polish army**” for obtaining a scientific degree “Doctor of Sciences” in the Area of study 3. Social Sciences, Economics and Law, field of study 3.8. Economics.

The author of the dissertation is Dr. Tadeusz Olejarz, a full-time lecturer at the Rzeszów University of Technology, Poland, in the Faculty of Management, Department of Management Systems and Logistics. The materials submitted by the Center for Scientific Research and Doctoral Studies at VUZF University include all the necessary documents for the procedure, namely: CV in English, copy of the diploma for the acquired educational qualification degree “Doctor”, dissertation in Russian, abstract in Bulgarian and in Russian, summaries of the publications on the topic of the dissertation in Bulgarian and Russian, reference for fulfillment of the requirements of the Law for Development of the Academic Staff in the Republic of Bulgaria (ZRASRB) and the Regulations for application of ZRASRB, reference of the scientific and scientific-applied contributions.

2. Brief biographical data about the candidate

Tadeusz Olejarz was born on February 20, 1966 in Niebieszczany.

He is a graduate economist from the University of Officers of Quartermaster Services in 1990 (bachelor’s degree). He received a master’s degree in Economics in 1993 from the Warsaw School of Economics, Department of Cooperatives and Economics, specialty “Economics and Organization of Trade in Goods and Services”. In 2013, he defended his doctoral dissertation at the University of Rzeszów, Poland, at the Faculty of Sociology and History. The topic of his doctoral dissertation is “History of land forces logistics in 1944-1988 on the example of the 9th Division”.

Since 2014, Dr. Tadeusz Olejarz has been a full-time lecturer at the Rzeszów University of Technology, Poland, at the Faculty of Management, Department of Management Systems and Logistics.

From 2016 until now, he has been the Deputy Dean for Development of the Faculty of Management at the University. He is a tutor of academic disciplines in the field of logistics, strategic management, finance. In the period 2010-2014 he was on a contract for specified work at the Technical University of Rzeszow, the Faculty of Management, the Department of Management Systems and Logistics.

Also in the period 2010-2014, he held military positions related to military logistics in Poland: Inspector of Defense Training and Crisis Management, Security Coordinator of the Security Agency, Head of Military Logistics Department and others. He participates in international peacekeeping missions, namely: 1/ IRAK Stabilization Mission – in the period June 2005 - February 2006 as Brigade Logistics head; 2/ KFOR Kosovo – June 2000 - August 2001 as Head of Logistics Material Section; 3/ UNDOF Syria/Israel – in the period March 1996 - March 1997 as a Logistics supply officer.

Dr. Tadeusz Olejarz has received many prestigious awards: Bronze Cross of Merit, Iraqi Star, Gold Medal of the Armed Forces in the Service of the Homeland, Gold Medal for services to the defense of the country, Medal in the Peace Service for the UN mission of separating troops on the Golan Heights (UNDOF In The Service Of Peace Medal), Medal in the Peace and Freedom Service for the NATO mission of maintaining peace in Kosovo (KFOR in the Service of Peace and Freedom Medal), Commemorative Medal of the Multinational Division Center-South Iraq.

3. Relevance of the topic and expediency of the set goals and objectives

The relevance of the chosen topic of the dissertation research is indisputable. As the author notes after the accession of Poland to NATO, the Polish Armed Forces are in the process of restructuring, related to the technical modernization and reorganization of the logistics of military contingents involved in operations conducted outside Poland. New systems of command, armaments and equipment used in the allied countries were introduced.

Dr. Tadeusz Olejarz has proved that this topic is relevant for Poland in connection with the need to optimize the cost of financing the Polish army. At the same time, this topic is relevant for all countries that are participants in the peacekeeping missions of the Allied armies of NATO. Previous studies on the logistical support of the troops are partial and do not reflect the scale of the problem. There are no studies on the effectiveness of the logistics of the troops as a whole.

The author has set as the main goal of the dissertation to make an analysis of financial efficiency and to assess the capabilities of the logistics services of the armed forces for the logistics of the troops. This goal is decomposed into five sub-goals. To achieve the goal and sub-goals formulated in the dissertation, the author has tested and confirmed two scientific hypotheses.

4. Knowledge of the problem

The author is undoubtedly very well acquainted with the problem of scientific research, given his extensive professional experience in the field of logistics of the armed structures of the Polish army, performing peacekeeping missions abroad. He personally participated as a high-ranking officer in the

Polish army in peacekeeping missions, and was directly responsible for the logistics of the peacekeeping contingent. He also has serious academic and research experience as a lecturer in the Department of Management Systems and Logistics at the Technical University of Rzeszow (Poland).

5. Research methodology

Various research methods have been used for the development of the dissertation work – theoretical and methodological analysis, systematic approach, functional and structural approach, descriptive analysis, empirical analysis, method of observation, method of analysis and synthesis, mathematical models.

6. Characteristics and evaluation of the dissertation

Structurally, the dissertation consists of the following parts: introduction, five chapters, conclusion, bibliography, list of figures, list of tables. The dissertation is accompanied by an abstract, which briefly sets out the author's theses and research results. The dissertation is written in Russian, and the abstract is in Bulgarian and Russian. The total volume of the work is 256 pages.

The bibliography includes numerous literature sources, which, however, are not numbered. They are divided into sections scientific literature, documents, legislation, Internet resources.

The first chapter of the dissertation is devoted to the historical development of military logistics from antiquity to the present day, the prerequisites for its development and the importance of military logistics.

The second chapter is devoted to the model of the logistics system of the armed forces. Here is an analysis of the process of military logistics management, including the principles of material needs planning, the processes of standardization of the material needs of the army, the organization and functioning of the logistics of the armed forces, the financial and economic aspects of military activity in peacekeeping missions.

The third chapter is devoted to the assessment of the logistics system of the armed forces in Poland. The processes of formation and development of the regional logistics bases of the Polish army, their structural condition, the principles of financial security, the creation of military economic units, the financial and logistics system before the introduction of military economic units and the organizational structure of military economic units are considered. Of particular interest is the analysis of financial and material planning and budget financing of military economic units, including budget revenue plan, employment plan, responsibility of the employees in the field of planning and budget group of the military economic units.

The fourth chapter is devoted to the analysis of the logistics of the armed structures of the Polish army performing peacekeeping missions abroad. Here is the legal basis for peacekeeping missions under the auspices of the UN and NATO and the legal basis for the participation of soldiers and units of the Polish Armed Forces in peacekeeping missions. The conditions for the logistical provision of a

peacekeeping mission and the logistics chain of the Polish military contingents are considered. Here the candidate's rich practical experience from his participation in international peacekeeping missions is clear: IRAK Stabilization Mission; KFOR Kosovo; UNDOF Syria/Israel.

The fifth chapter of the dissertation is devoted to the analysis of the needs and possibilities of the logistical support of the military contingent participating in peacekeeping missions. Here are studied the requirements to the logistics system and its capabilities for logistics, implementation of the logistics management process, collection and delivery of equipment and technical and medical support of the contingent performing the tasks of the peacekeeping mission, logistics support of military structural units of the logistics service. Of particular interest is the analysis of the financing of the expenses of the Polish military contingent performing tasks of the peacekeeping mission abroad.

The conclusion presents the main findings from the study. In general, it can be summarized that the author has managed to achieve the set goal and sub-goals of the dissertation, and to confirm the formulated hypotheses of the research. The author's rich personal experience and his personal participation as a high-level officer of the Polish army in peacekeeping missions, whose direct responsibility is the logistics of the peacekeeping contingent, contribute to this.

7. Contributions and significance of dissertation for science and practice

The author's contributions are listed in the submitted Contribution Report. The dissertation of Dr. Tadeusz Olejarz is an attempt to comprehensively consider the problem, needs and capabilities of the logistics system of the Polish army, as well as the costs associated with adapting this system to perform the tasks arising from the obligations assumed by the Republic of Poland to its NATO partners after joining the alliance in 1999.

The contributions are divided into two groups – scientific contributions of theoretical nature and scientific-applied contributions of practical nature. The author has presented 10 main conclusions from the research conducted in the abstract. All conclusions are scientifically justified in the dissertation.

8. Evaluation of publications on the dissertation

The candidate has presented 15 scientific publications on the topic of the dissertation. They are both individual and co-authored, and are closely related to dissertation issues. In particular, these are 3 individual monographs, 8 chapters in collective monographs, 3 editions of monographs and 34 scientific articles. These publications are listed in the Reference of scientific publications on the topic of the dissertation, where summaries of the publications in Bulgarian are presented.

For comparison, in section 8 of the abstract – “Scientific publications”, 48 publications are presented. 48 publications are also presented in the Reference for fulfillment of the requirements of ZRASRB and the Rules for its application.

9. Assessment of compliance with the minimum national requirements

From the submitted Reference for fulfillment of the minimum national requirements for awarding the scientific degree “Doctor of Sciences”, which the applicant has applied, it is evident that there is an overfulfillment of these requirements.

The total number of scientific publications is 48, including: 3 published individual monographs; 13 articles and papers published in scientific journals, referenced and indexed in world-famous databases of scientific information; 24 studies published in non-referenced peer-reviewed journals or published in edited collective volumes; 8 published chapters in collective monographs. Many scientific publications are indexed in world-famous databases, including: 6 publications in SCOPUS and 9 publications in Web of Science, two of which are indexed in both global databases. All publications of the author are directly related to the issues of the dissertation research.

Regarding the citations, in the presented Reference for fulfillment of the minimum national requirements for awarding the scientific degree “Doctor of Sciences”, are indicated: 13 citations in scientific journals, referenced and indexed in SCOPUS and 30 citations in Google Scholar. The publications and citations of the candidate’s scientific production show that his research has received a sufficient degree of popularization among the academic and professional community.

10. Personal participation of the candidate for “Doctor of Sciences”

There is all the evidence that the dissertation is the work of the candidate himself, the result of his research on issues that are closely related to his professional experience and teaching.

11. Abstract

The abstract corresponds to the content of the dissertation. The abstract is prepared in Bulgarian and Russian, and the dissertation – in Russian. The abstract does not present the conclusion of the dissertation, and the section on scientific contributions shows the results of the research, summarized in 10 main conclusions.

12. Critical remarks and recommendations

The subject and object of research in the dissertation should be formulated more clearly and precisely. In my opinion, the object of the study is the logistics of the Polish army, and the subject of the study is the financial efficiency of the logistics of the Polish army. The author points them out more descriptively, namely that the object of the study are the logistics authorities, as well as the forces and resources available to the Polish Armed Forces for logistics, and the subject of the study are the theoretical and practical aspects of financial efficiency of the logistical support of the Polish army in the country and abroad.

The main goal of the dissertation is stated in two places in different ways. In the dissertation on page 22 and in the abstract on page 5 it is written that the purpose of the work is to analyze the financial efficiency and assess the capabilities of the logistics services of the Armed Forces for logistics of the troops. The abstract on page 34 states that the main purpose of the dissertation is to present the

organization and functioning of the logistical support of the Polish Armed Forces in the places of permanent deployment, as well as units performing tasks in new conditions, i.e. during operational or training activities abroad. I believe that what is stated on page 34 in the abstract is more correct, and in both places the defined goal should have been unified.

The introduction of the dissertation is too long, and in practice begins with a thorough review of the literature on the problem. Within nearly 20 pages, an overview of the main literature sources – Polish and foreign, on the issue of military logistics, is made. Only then are indicated the purpose, subject and object of research, hypotheses, methodology used, etc. It would be more appropriate for the review of the literature to be separated into a separate part in the first chapter of the dissertation.

The dissertation would benefit from a more in-depth and critical author's analysis of the financial aspects of the logistical support of the Polish army in the implementation of peacekeeping operations. Greater attention should be paid to the problems that exist in the system of financial and economic information in the management of logistics processes to support the armed forces, insofar as item 2.8 of the dissertation rather describes what this should be this system, and there is no critical analysis of the problems in it. From the point of view of financial science, the critical analysis of the financial management of the expenditures of the Polish military contingent would deserve more interest. In some places, a more complete argumentation of the presented author's theses is also needed.

Notes of a technical nature can also be addressed to the dissertation – lack of numbered literary sources in the bibliography, incorrect numbering of the figures in their list, used abbreviations in the text that are not present in the list of abbreviations, etc. The abstract does not present the conclusion of the dissertation, and the section on scientific contributions indicates the results and main conclusions of the study, which is incorrect. Finally, the insufficiently good translation of the abstract in Bulgarian requires the text in the abstract to be constantly checked with the text of the dissertation in Russian.

13. Personal impressions

I do not know the candidate and I have no personal impressions of him.

CONCLUSION

The dissertation on the topic “**Financial efficiency of the logistics provision of the polish army**”, developed by Dr. Tadeusz Olejarz is an interesting and comprehensive scientific study of the needs and capabilities of the system of logistics of the Polish army, as well as to optimize the cost of financing the Polish army and its adaptation to the tasks related to Poland's membership in NATO. The dissertation shows that Dr. Tadeusz Olejarz has in-depth knowledge and skills in the field of study 3.8. Economics, and demonstrates qualities and skills for conducting independent research. The presented materials comply with the requirements of the Law for the Development of the Academic Staff in the

Republic of Bulgaria (ZRASRB) and the Regulations for implementation of ZRASRB, and the Regulations for admission and training of doctoral students at VUZF University.

Based on this, I give my **positive assessment** of the research presented by the above-reviewed dissertation and abstract, and **I propose to the esteemed scientific jury to award the degree of “*Doctor of Sciences*”** to Dr. Tadeusz Olejarz in the area of study 3. Social Sciences, Economics and Law, field of study 3.8. Economics.

08.04.2021

Sofia

Reviewer:

(Prof. Dr. Silvia Trifonova-Pramatarova)