

## OPTIMAL ORGANIZATION AND CONTROL ON MARINE TRANSPORT



Doctor of Science, Prof.  
E. P. Gromovoy



Doctor of Science, Prof.  
E. N. Voevudskiy

In the second half of the 20th century, one of the main directions of increasing of marine transport efficiency was the perfection of transport processes organization and also improvement of new systems and methods in management. Considerable contribution to the expansion of scientific mindfulness, enriching the methodology of management for complex systems by the progressive methods based on the cybernetics and management sciences development, was brought by the founders of scientific school of optimal organization and control on marine transport – DSc, Prof. Erik Gromovoy and DSc, Prof. Evgeniy Voevudskiy. By the initiative of Prof. Gromovoy, on October, 16, 1970 in Odessa Institute of Maritime Engineering (OMEI) the Chair “Mathematical methods of management for maritime transport”<sup>1,2</sup> was created, the collective of which made the kernel of scientific school and brought in an invaluable contribution to tuition of new generation of managers. By initiative of Prof. E. Voevudskiy in 1986 under OMEI specialized Council on Doctoral Dissertations Defense on specialty “Economic and mathematical methods and models” was created. This Council was acting up to 2010. In total, more than 20 PhD and 8 Doctoral dissertations were defended under this Council<sup>3</sup>. The scientific results of this scientific school influenced significantly on theory and practice of maritime transport activity’s control and got

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<sup>1</sup> Balobanov A. O. (2010) Organizacionno-pravovye aspekty syurvejerskoj deyatelnosti [Organizational-legislative aspects of surveying activity]. Odessa : Feniks. (in Russian)

worldwide recognition. At present, 3 Chairs are acting at ONMU related to above scientific school, namely: “Project/Logistics Management” (Head of Chair Prof. Inna Lapkina), “Management and Marketing” (Head of Chair Prof. Mikhail Postan), and “Entrepreneurship and Tourism” (Head of Chair Prof. Irina Savelieva). At these Chairs the above scientific direction got further development. Today it is possible to mark progressive development of this scientific school potential. The high skilled personnel take part in international projects, masterclasses and seminars, active advanced study with student association, in master’s degrees and PhD researches in the direction of the logistics and project-oriented management at marine transport enterprises. The system of step education from bachelors to doctors of sciences is created with possibility of practical using of the obtained knowledge for the projects of transport industry development.