

SITUATIONALLY-LOGISTICAL MANAGEMENT ON THE KUIBYSHEV RAILWAY

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***Summary:** In article considers the prompt adaptation of system of an operational administration by transportations to real operational conditions and maintenance high quantitative and quality indicators of operational work it is necessary to pass from automation of information support of the dispatching device to creation of information-operating systems. The complex of intellectual systems is necessary for integrating with operating dispatching control centers on the organization of transportation process, service of devices of an infrastructure and safety. It is necessary to notice that only the innovative way of development will allow Russian Railways to carry out qualitative transition to a new, modern level of development and to enter into number of leading transport companies of the world.*

***Keywords:** Modernization of a railway transport, transport process, transit potential, logistical technologies, realization of the situational approach, logistic center, situationally-logistical managements.*

Modernization of railway branch has corrected the target of the company "Russian Railway". Now it is not only satisfaction of requirements of a national economy in transportations of cargoes, but satisfaction of all clients demand and expansion of assortment and maximization of the profit.

World experience justifies affords of the Russian railways to raise quality managements of transportations and lean system. We know it as a logistical approach to management through technological, information, legal, commercial interaction of subjects of the transport market, especially in conditions low appeal Infrastructures of transport knots for investments into its development.

Leadership of Russian Railway and Ministry of Transport has come to a conclusion on necessity new conditions of managing for high-quality transport services to cargo owners and creating the logistical centers directly in the transport knots. One of them can be in Samara.

For the decision of this problem was offered expansion of functions of existing dispatching control by functions of an economic estimation of accepted decisions. So, transportation process depending on the train situation which are taking place on many different stations and stages and they pass for it.

As a result it has turned out unique modern technical Centre on area 10 thousand Sq.m. All operative data appear on the screen of collective using (special computer monitor with a diagonal 20 m), which is in the main dispatching hall. Online on the screen data on movement

on all extent of road, data on loading, variants of development of non-standard situations. In emergency situations special program prompts to dispatchers the most right convenient and economically defensible ways of its deciding.

Potential the centre at necessary completions probably to use as logistic centre developing intermodal transportations in Volga region[1]. While this centre of situational management by transportations is created within area of the Kuibyshev railway.

At present there are many management information system maintained in railway. It work basic on reception data in volume indicators. The automated systems, which allowed to estimate quality of work of a railway transportation on the major indicator, as the satisfied demand cargo-owners. While is not present, despite successful attempts on integration of the management information system in uniform corporate system named "SIRIUS" [2]. Investment in automation the old technologies managements leads To the pitiable result – in the end it turn out over expensive automated, but out of date technologies.

The information-operating systems making a basis situational-logistical control system and Indicators of quality interactions the railways and clients should be added and used on this systems for fix responsibility [3]. One of the main requirements at creating such systems, according to professor Peter V.Kurenkov, is a maintenance of quality management in technological processes. For that at work out this program It is necessary to provide for functions of management quality

Logistical technologies of management of transportation process assume introduction of system of quality standard ISO 9001-2000, which include criteria and quality indicators, personal responsibility and motivation. Experts Kuibyshev railroads took direct part in working out of some methods and tools of quality within the corporate system of management [4]. High quality of technological process is possible to achieve a way minimization the subjective factor and more observing certain rules or regulations by the head. The exact operations lead to less probable wrong actions of the dispatching personnel or heads. It is guarantee at final quality operation process and manufacture and low costs of transport services [3].

For the first time exactly on Kuibyshev railway at work with clients the system of electronic document circulation has been applied [1], which allows to carry out electronic data exchange and paperless processing between railroad and consignors. The concluding stage was full exchange by electronic form of documents between the client with possibility to use of electronic digital signature. The first client used such a service in 2007. Currently Kuibyshev railway has passed on full electronic document circulation with 350 largest clients, being the sample for network roads, beginning to learn from the experience.

Vigorous development of the integrated processes transport infrastructure will demand reliably and effectively provide increasing carriage of goods in the communication from the East to the West and the from the North to the South.

According to the materials published in [6], in 2010-2011 at financial and technical assistance of Eurasians development bank a plan of development of an infrastructure automobile and railroads included in the list of transport routes of Eurasian EC was drawn up. The document it is directed on technical modernization of transport system. It is a way to increase

transport potential, effective service of the population and economy, and realize the transit potential of our country within area Communities.

A number of automobile road and railway east-west and north-south routes by comprehensive plan are provides development on period till 2020. Also projects of development international logistical centers are included in the plan. The fund this project is provided as national Both international programs and strategies of transport development.

Some problems with a condition of infrastructure routes on area Community are prevent to steady increase of transportations of cargoes and passengers now.

So, according to authors of the project, in territory of the Russian Federation it is required increase throughput of the separate the overloaded stations with reconstruction of bridges and tunnels on the way of high-speed passenger traffic Moscow–Ryazan–Syzran–Orenburg–border with Kazakhstan. It is necessary to build the additional bridge through the river Volga on station Kinel-Syzran [6].

The concept on «realization the cumulative transit potential of Community» it is provided advanced development of transport and logistical infrastructure to provide growth transit potential our countries that during the period till 2020. It was done the great work on identification and analysis highways of the state Community (Including the subjects of the Russian Federation in area of Kuibyshev railway). It consist of the routes coinciding with the Eurasian corridors and two multimodal routes North–South and the pan-European transport corridor №2.

The development ifrastructures of the routes of EurAsEC lying on territory of the Kuibyshev railway, include the further growth of mutual foreign trade carriage Russia with Belarus, Kazakhstan, Kyrgyzstan, and also Transit of cargoes between the Central Asia and Europe, And in the long term – transit between Europe, Asian-Pacific region, the Peoples Republic of China and Afghanistan.

Creation of the international logistical centers on Community area will provide rhythmical advancement of the goods on to the transport systems, for realization of transit potential, trading and development economy in whole.

There are two basic categories of international logistical centers EvrAzEs on perpose:

- Located in distributive knots (Large transport bonds, as Samara – the central link of the Kuibyshev highway, where logistic center will be create in 2015);
- Located in other large centers on transport routes For consolidation and distribution goods traffics within regions (as such cities: Saransk, Ufa, Orenburg, Tambov, Chelyabinsk, where logistic centers will be create in 2016–2020).

The system of a such centers will allow essentially increase the efficiency and quality transport process for interregional and international transportations through an area of Kuibyshev railroad thanks to integration systems of terminal complexes which are ensuring functioning several types of transport and having a wide spectrum a maintenance and logistical services.

Carriage of cargoes become more effective following decrease in their cost, raising coordination of work of different kinds of a transport, accelerate customs and other compulsory procedures at cross the border.

Comprehensive plan realization will give considerable socio-economic impact to all users transport services. This effect will be caused: growth of the foreign trade goods traffics, growth carriage transit cargoes of the third countries by territory of the Russian Federation, including on region of localization of Kuibyshev railway, increasing in speed of delivery of cargoes and passengers, decrease in harmful influence of transport on environment. Development of transport routes on Kuibyshev railway beyond the scope of decisions only the transport problems. They will make positive impact on macroeconomic indicators involved regions and our country as a whole. That It is caused multiplicative effect of the implementation of this projects [6].

Thus, it is possible to speak about presence of necessary preconditions for situationally-logistical management of transportation process on Kuibyshev railway has began to start in immediate prospects. Conditions for realization of the situational approach in cargo-operating and train-operating are generated thanks to programs of modernization of a railway transportation till 2015. A wide experience of foreign colleagues in the decision of questions of operating and own perspective workings out in operation areas allow to start to situationally-logistical managements in sphere of transportations on the Kuibyshev railway area. In fact, Kuibyshev railway was a pioneer in the implementation of many advanced projects, and naturally became laureate of the public action "National recognition" of 2010 In a nomination "Unity and success" [7].

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