

A. Jarasuniene. The Theoretical and Practical Estimating of the Activity of International Freight Transport, *TRANSPORT and TELECOMMUNICATION*, vol. 4, No 4, 2003, pp. 5–14.

There is described practical and theoretical estimating of the activity of the international freight transport in the paper. A short analysis of the new computerised customs transit systems for Europe is showed, as well as described what is the advantages of the system for transportation and customs and most typical objectives of dynamic management of international freight transport are presented.

Keywords: freight, transport, estimating, transit systems, customs

A. Baublys, A. Mačiulis. Transport of Lithuania in the Process of Integration into the European Union, *TRANSPORT and TELECOMMUNICATION*, vol. 4, No 4, 2003, pp. 15–37.

The article analyses the topical problems of Lithuanian transport sector restructuring and development in the context of the integration into the EU. Main tendencies and perspectives of the sector's reforms are surveyed in the article. Also opportunities of separate transport modes and principal provisions of the development are presented.

In more details the author presents the results of the analysis of the implementation impact of the latest EU railway directives in the Lithuanian railways.

Keywords: transport, integration, EU

A. Vasiliauskas. Modelling of National Multimodal Transport Network, *TRANSPORT and TELECOMMUNICATION*, vol. 4, No 4, 2003, pp. 38–43.

It is realized long time ago, that one of the main factors for country steady grooving economic is a properly working transport system, in which not last place takes a mean of cargo transportation the so-called multimodal transport.

In the article an attempt to simulate a national multimodal transport network is made.

Keywords: multimodal, transport, networks, freight, flows

A. Jarasuniene. Analysis of the Transport Flows Service Time of the Vehicles and Assessment of the Determinancy of External Impact, *TRANSPORT and TELECOMMUNICATION*, vol. 4, No 4, 2003, pp. 44–48.

Basing on the assessment of formulation of the objectives of management of transport flows and on the indeterminacy of external impacts, it is possible to carry out a more detailed analysis of the distributions (according to time) of flows of transport means entering customs, as well as their distribution into separate customs lanes. It also enables the definition of dependency on the extent of transport flow, as well as allows the calculation of choosing optimum transport amount for the inspection in Customs houses during a certain period of time.

Keywords: analysis, transport, flows, vehicles