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Maximum of Load Database of GPS Service with Recovery

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The paper analyzes the database global position system (GPS) services load with recovery. A mathematical model of the interaction with the database services is developed. On the basis of mathematical modelling procedures for the exchange services, the possible delays and the presence of large queues to services are defined. Suggestions to improve the exchange of services are developed. Development of an integrated transport management system enables to solve a local task of reducing the "order-delivery" cycle and creating a positive image for the company in the eyes of the clients due to accurate execution of undertaken obligations related with order execution terms, minimization of the delivery failure risk and the opportunity of creating a flexible feedback system

Keywords: Heterogeneous services, client and server requests, network queuing systems, heterogeneity

