
Life cycle management system of spacecraft launching complexes

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The article discusses the logistic and organizational problems encountered in the production, transport and erection of the launch complexes of Vostochnyy Launch Site. The basic concepts and definitions of product life cycle management (LCM) techniques are presented. Solution variants to the identified problems using product LCM techniques and logistic support analysis are proposed. The software package developed using the principles of multi-agent system construction is presented. The software package was designed to meet the challenges of product LCM and logistic support analysis by specialists of FSUE "TsENKI"—NIISK.

Keywords: *product life cycle management, logistic support analysis, multi-agent systems, launch complexes, Vostochnyy Launch Site.*

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