

# Problem-oriented Method of Establishing Restrictions (Requirements) for the Integration of Information and Telemetry Software

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**Abstract.** A problem-oriented method of setting restrictions (requirements) on integration of Information and Telemetry Support means (hereinafter referred to as ITS means) for launch vehicle development has been developed when implementing strategies of improvement and application of ITS means (hereinafter referred to as a problem-oriented method of setting restrictions), which is based on a set-theoretic approach and problem-oriented morphological analysis. The method allows establishing the necessary conditions for implementation of a system approach to develop the above strategies. Its application results in a finite and relatively small aggregate of sets of requirements, each of which refers to certain rational (at the stage under consideration) strategies for improving and applying ITS means. Moreover, the search frontiers for rational strategies get substantially narrow without compromising on its quality.

**Keywords:** uncertain factors, information and telemetry support means, strategy, stratified objects, telemetered object, telemetric information, telemetry complex