

## IAF SPACE SYSTEMS SYMPOSIUM (D1)

Lessons Learned in Space Systems: Achievements, Challenges, Best Practices, Standards. (5)

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## PATHOLOGY OF A SATELLITE PROJECT IN A SPACE EMERGING COUNTRY

**Abstract**

This paper studies an experimental satellite project in Space Emerging Country, with a focus on lessons learned during and at the end of the project. The study includes a short review on the possible causes of the deviations in project plan and specifications. To do this, a questionnaire has been made ready with three types of questions and about 20 responders in three levels. Questions are edited in a way to minimize biased or intentionally reverse responses and are justified through similar researches. The paper reports the analyzed responses to the questionnaire and concludes over the possible causes from different aspects in critical, important and minor segmentations. These causes are mapped to the deviations and related failures. The mapping helps to figure a list of simple rules which shall be considered at the beginning and follow up of the project to avoid similar problems. This section of the paper could be used as valuable recommendations for Space Emerging Countries with similar project scope in mind.