

SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM (B2)  
Space-Based Navigation Systems and Services (1)

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MANAGEMENT PRACTICE OF NAVIGATION SATELLITE BATCH PRODUCTION

**Abstract**

Regional beidou satellite navigation system is the significant practice in the process of transformation and upgrading of aerospace science and technology industry. The ability of satellite designing, manufacturing and launching shows the major promotion of China Space system engineering. From the initial project argumenting to continuous launching in recently, Beidou project stands the unprecedented great test in each stage. In the project, the ability of high density space launching, multi-spacecraft manufacturing and testing, high reliability is validated. On the same time, the management mode innovation of space complex system engineering makes the huge progress, as well as optimizing manufacture management system, strengthening the fine quality management measures, and talents team construction. This paper summarizes the batch-production and high-dense launching in the Beidou project. The method of aerospace batch production is very important for the ability enhancement of space system engineering, as to accelerate the economic development, promote the science and technology development, and improve the international competitiveness.