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Quality and Knowledge Management in Aerospace Companies (2)

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STATUS OF THE IAA KNOWLEDGE MANAGEMENT WORKING GROUP

Abstract

The International Astronautical Academy (IAA) Working Group on Knowledge Management for Space Systems comprises more than 100 individuals from the space community (industry, agencies, laboratories, and universities) who are working to help capture, store, organize, and distribute knowledge of their organization. The Study Group has had a variety of activities this year, including an International Workshop in KM for Space Missions in California, committee meetings, and a draft position paper. The position paper and related reports focus on the recommended approaches for an aerospace organization to follow in knowledge management that would promote knowledge sharing and interoperability with other organizations. This paper will describe the actions of the Study Group and the opportunities for further participation by the community.

The Knowledge Management for Space Systems (KMSS) Study Group is formulated under the IAA's Commission IV for Space Systems Operations and Utilization. The goals of the Working Group are to:

- Define the organizational and inter-organizational issues that support or inhibit knowledge sharing amongst aerospace organizations (including capturing knowledge of our key experts and aging workforce)
- Identify and recommend standards for knowledge management activities and initiatives to promote interoperability of key systems (such as lessons learned or publications)
- Create, through consensus, a position on the recommended approaches for an aerospace organization to investigate to excel at knowledge management

Each year, the Study Group creates a set of plans that will support these goals.