

47th SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE  
ACTIVITIES (D5)

## Knowledge Management and Collaboration in Space Activities (2)

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THE JAXA'S CROSS-SEARCH SYSTEM AS AN ENTRY POINT FOR OBTAINING JAXA'S  
KNOWLEDGE**Abstract**

Japan Aerospace Exploration Agency (JAXA) has been conducting various kinds of 'Knowledge Management (KM) ' activities widely among the agency depending on its expertise to support space mission assurance and effective enterprise implementation. One of the symbolic systems which constitute our KM activities is the Reliability Information System; developed and maintained by JAXA's Safety and Mission Assurance Office. One of the other systems; developed and maintained by JAXA's Systems Engineering Office, is the Know-Who Database. Meanwhile, JAXA Information Systems Department (ISD) has collected, accumulated, and catalogued over 40 years' of technical documents into Digital document ARChiving system (DARC) since the foundation of former agency. All these KM activities and documentation schemes are proven highly valuable especially among ongoing project engineers; however, insufficient linkages between these individually maintained systems often leads to time consuming process when gathering necessary information. In order to improve information accessibility, ISD has provided Cross-Search System (CSS) which also serves as an entry point for reference services. This paper describes an overview and a future plan of JAXA's Cross-Search System as the infrastructure in KM activities.