

HUMAN SPACE ENDEAVOURS SYMPOSIUM (B3)
ISS Utilisation (3)

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ADVANCED JAMSS SPACE BUSINESS BY THE ISS UTILIZATION

Abstract

How can we develop space business based on our experiences of the international space station (ISS)? Japan Manned Space Systems Corporation (JAMSS) is a prime contractor of the Japanese Experiment Module “Kibo” operations and utilization to support JAXA. We believe it’s very important to expand the ISS utilization in order to keep the ISS program because the program now is exposed under an environment that is required the results in each country . There are several utilization purposes for the ISS. Since normally governments lead scientific and engineering research and technology demonstration activities, we have developed commercial utilization of the ISS that governments cannot lead. We have been a service provider regarding the ISS utilization since 2000 for non-space organizations include private companies to realize their requirements. As introduced at the IAC 2010 in Korea, we already accomplished a lot of success stories of the commercial utilization. There were a lot of utilization purposes such as promotion of private companies, space branding, corporate social responsibility (CSR) and so on. And lately we had a private company to require science research activities on the ISS for their own purpose. On the other hand, we realized a different type of the “Kibo” utilization that was support of onboard astronaut live communication events with children sometimes ordered by local governments, sometimes executed as a CSR activity of private companies using the opportunities that JAXA provides to the public. In addition, space school for the children that we had developed was executed. An ISS live communication event and space school are a good combination for education purpose and very attractive for children. We expect these activities can be applied to not only all over the country in Japan but also all over the world, especially Asia-Pacific regional countries. For the future we are aiming at being a consulting company of space engineering in those Asian countries based on the experiences above as Japan got the US technical support such as safety, design/development, operations and so on to start the human space development program.