



New Year Greeting from the editing committee members of Space Japan Review

A Happy New Year! The year of 2011 has come and Japan's new defense plan was established in the end of last year and it describes the space development and its utilization under the Space Basic Law. Although I don't know the detailed policy with budget yet, the importance of satellite communications increases continuously in the field of the national security. So we expect this year that the satellite communications expands more and more. We would like to enrich the content of the Space Japan Review. We appreciate your continuous support for the JFSC.

Takashi Iida, Editorial Advisor

A Happy New Year to all subscribers, I express my sincere appreciation for your interesting in our SJR over the year.

In the last year, it was great news for us that the planet exploration satellite "Hayabusa" come back to earth with space rare earth material. It has encouraged all of Japanese people interesting in space activity. I bereave that this brilliant achievement was result from not only new technology application of self-guided navigation system but also deep space communications technology which communicate the distance of 300 million km apart. Space basic plan with originally settled in the basic low for space development in Japan was approved by parliament and the target of about ten years term from now of nine main needs for satellite development and utilization were shown with current status. Unfortunate, there is little statement for the development of sophisticated satellite communications development activity in this plan. The communications technology in space is essential for any kind of space application project not only observation satellite but also deep space exploration project. The development of a new advanced satellite communication technology is expected to be admitted and to be promoted.

Promotion of the Asia Pacific region community is one of main policy of the new administration which will expect for cooperation at a regional level including development countries in Asia with harmony, and the sharing of responsibility to arise in the area of space development.

The application experiment of WINDS is promoted greatly which was reported in the symposium like 1.2Gbps transmission through satellite is successfully achieved. I expect that successor of WINDS experiment satellite project should be developed in near future. This is good news for us to show the further interesting of the development activity in the field of the space communications. It is expected to develop the sophisticated technology for the advanced satellite communication technology. I expect that it makes Japanese nation interesting into space development activities.

In orbit performance test of the first quasi-zenith satellite, this was launched last September from Tanegashima, is successfully completed and it is now ready to perform the application experiment in orbit. I remember that the Quasi-Zenith Satellite System Study Committee was established by AIAA JFSC in 1999 and the Study report was released in April 2000 by AIAA JFSC. It is recognized that this study report is the

great start of the Quasi-Zenith Satellite System development in Japan. Look forward to interest the activity of SJR in this year, too.

Susumu Kitazume, Editorial Adviser

A Happy New Year! It is getting colder in Japan. Recently, there were abnormal cold weathers in Europe and US that show different trend to the global warming. Some person says that the earth may be headed to a "Little Ice Age". Natural phenomenon seems to be still surrounded by many mysteries. I hope the evolution of space technologies including observation technologies to be of help in figuring out these natural phenomena. Meantime, as for the social phenomenon, threats by neighboring countries of Japan increased and became important issues of concern. Again the space technologies including surveillance and communication technologies are very important in the field of the national security. I hope the space technology development makes further progress in Japan.

Yoshiaki Suzuki, Editorial Adviser

It is expected that it becomes the age of the leap of the space satellite field like a rabbit and be expected the space agency to set up. I'd like to deliver hot information from private satellite operator's aspect.

My best regards this year.

Isamu Kobayashi, Editing Member

I became a member of the editorial committee of AIAA/JFSC Space Japan Review in the end of last year. The activity of the committee will give me nice opportunities to touch the latest information and valuable stories of the personal experiences. I think I also have chances to participate in domestic and abroad meetings. When appealed information is found, I'd like to introduce it through SJR. We appreciate your active support for the JFSC.

Yoshihisa Takayama, Editing Member

This year, American Institute of Aeronautics and Astronautics (AIAA), which the Japan Forum on Satellite Communications (JFSC) belongs to, will hold the International Communications Satellite Systems Conference (ICSSC) from December 1 November 28 at Hotel Nikko Nara in Nara Prefecture. This is the third time in Japan, so far held in Yokohama in 1998 and in 2003. Since JFSC is rooted in AIAA ICSSC 1998 held in Yokohama, the ICSSC is a memorable conference for us. Space Japan Review will report the contents of this conference in details. Last year, we launched new corners such as SATCOM Q&A, Space Japan Book Review, and Space Japan Interview. We will revamp and enhance the contents of the magazine this year. I appreciate your continuous subscriptions.

Hiromitsu Wakana, Chief Editor