



The Future of Satellite Communications and Satellite Broadcasting



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1. Introduction

The merger of JSAT Corporation, SKY Perfect Communications, Inc., and Space Communications Corporation in October 2008 has resulted in the creation of SKY Perfect JSAT Corporation (SJC), Asia's largest satellite service provider offering both "satellite communications" and "satellite broadcasting" services.

The new SKY Perfect JSAT maximizes the strengths available from a hybrid business, operating both a stable space & satellite communication business and a proven, high-growth multi-channel pay TV business under one roof, while at the same time building better services and a greater capacity to compete through efficient and agile business management policies.

2. Communication service

SJC is a leading satellite operator in the Asia-Pacific region and provides high-quality satellite communications.

Its fleet consists of 16 spacecraft, the JCSAT and SUPERBIRD satellites in Asia-Pacific, and the HORIZONS satellite in North America (operated through a joint venture by its affiliate, JSAT International Inc., and Intelsat), enabling it to offer a wide range of services, including video distribution/contribution and data communication, as well as unrivalled back-up capacity.



With an aim to strengthen and develop the global business, SJC entered into an agreement to procure the JCSAT-14 satellite with Space Systems/Loral last year. JCSAT-14 will be launched in the second half of 2015, succeeding JCSAT-2A, which is currently operated in the orbital position of 154 degrees east longitude. JCSAT-14 is designed to carry Ku-band and C-band payloads, including new regional Ku-band beams that cover Asia and the Pacific Ocean areas. The C-band payload offers enhanced capacity and extensive beam coverage over Asia, Australia, New Zealand, Russia, and the Pacific Islands, in response to the strong demand for greater satellite capacity in these areas.

In addition, among various services in the satellite communications business field, maritime broadband service in

particular has been drawing attention in recent years. SJC started "OceanBB" in 2010 as a maritime broadband service offering high speed Internet access with a transmission rate up to 1 Mbps at a flat rate. The feature of this maritime service is that it achieves a higher transmission speed than conventional services by using the Ku-band frequency. With the roaming services of KVH in the U.S., we can offer services in major sea areas around the world. The realization of a broadband environment in vessels is bringing various innovations in the marine transportation field.

SJC will respond to the demand for mobile satellite communications for vessels and airlines, which is expected to continue growing.

3. Broadcasting service

SJC now operates SKY PerfecTV!, Japan's largest pay TV platform, providing service to more than 3.7 million subscribers in Japan via DTH from satellites in three orbits and FTTH.

To further strengthen and advance the expansion of our global business in the field of broadcasting, in February 2014 we launched WAKUWAKU JAPAN, a 24-hour channel featuring all-Japanese content made available in local languages, on the satellite services Indovision and Okevision, which are owned by MNC, Indonesia's largest media group. This initiative involves the cooperation of numerous Japanese companies in providing content. With Indonesia as the starting point, we are planning to expand the channel to other countries.



We are also working towards the commencement of broadcasts in 4K, a new high-definition broadcasting format. On October 20, 2012, we successfully presented our first live 4K broadcast of a soccer match, and since then we have been moving ahead with trials in a wide variety of genres, including live broadcasts of music events.

4. Conclusion

SKY Perfect JSAT will continue to enhance and expand its services in the field of satellite communications and broadcasting, which have become an integral part of daily life. SKY Perfect JSAT is also committed to the dynamic global expansion of our business activities, including the sale of satellite capacities/broadcasting content all over the world.