

SKY Perfect JSAT Holdings Inc.

News Release



SKY Perfect JSAT
Holdings Inc.

June 1, 2012

SKY Perfect JSAT Holdings Inc.

Promotion of the experiment for the social use of the ultrahigh-speed Internet satellite “Kizuna” (WINDS)—regarding the conclusion of a contract for the promotion of use and operation with JAXA

SKY Perfect JSAT Holdings Inc. (Head Office: Minato-ku, Tokyo; Representative Director, President: Shinji Takada) is pleased to announce that SKY Perfect JSAT Corporation (Head Office: Minato-ku, Tokyo; Representative Director, President & Chief Executive Officer; Shinji Takada), a 100% owned subsidiary of SKY Perfect JSAT Holdings Inc., today released attached news release regarding the conclusion of a contract with JAXA about the promotion of the experiment for the social use of the ultrahigh-speed Internet satellite “Kizuna”.

June 1, 2012
SKY Perfect JSAT Corporation

Promotion of the experiment for the social use of the ultrahigh-speed Internet satellite “Kizuna” (WINDS)—regarding the conclusion of a contract for the promotion of use and operation with JAXA

SKY Perfect JSAT Corporation (Head Office: Minato-ku, Tokyo; Representative Director, President & Chief Executive Officer: Shinji Takada) has concluded a contract regarding the ultrahigh-speed Internet satellite “Kizuna” (WINDS) with the Japan Aerospace Exploration Agency (JAXA), and has undertaken the facilitation and operation of the experiment for the social use, which is promoted by JAXA.

“Kizuna” was developed by JAXA and the National Institute of Information and Communications Technology (NICT), and launched in 2008. It employs Ka-band to enable high-speed high-capacity communication, and experiments are being conducted for developing a world-class information and communication network.

Through this contract, our company will promote the experiments using “Kizuna” and Yokohama Satellite Control Center (YSCC) of our company will operate this satellite. Our company undertakes satellite operation from JAXA for the first time.

We promote the satellite use for experiments by utilizing our company’s knowledge and ingenuity, to evaluate the needs for future communication satellites and contribute to the advance of the space industry.

Through this work provided by JAXA, SKY Perfect JSAT will accumulate the experience of satellite operation for governments and research institutes, and promote the satellite business based on safe, efficient satellite operation as a satellite operator leading Asia.

(1) Contents of the contract

Promotion of the experiment for the social use of WINDS

- Promotion of the use of WINDS
- Operation of WINDS

(2) Outline of “Kizuna”



Figure 1 Schematic diagram of the orbit of “Kizuna”

Table 1 System specifications of “Kizuna”

Date of launch	February 23, 2008
Orbit	Geostationary orbit at 143 degrees east longitude
Designed lifetime	5 years (goal)
Mission equipment	MBA: Ka-band, 9 transceiving beams for Japan, 10 transceiving beams for outside Japan APAA: Ka-band, changeable between 1 beam and 2 beams, $\pm 8^\circ$ scannable MPA: Ka-band, TWT8 system-combined, maximum output: over 280W ABS: Receiving speed: 1.5-155Mbps (variable), transmitting speed: 155Mbps, 3×3 switching