



December 7, 2016

SKY Perfect JSAT Holdings Inc.

**SKY Perfect JSAT has entered into a Strategic Alliance
with Kongsberg Satellite Services, world-leading ground station
services provider for LEO Satellite Operators,
to accelerate LEO-related businesses
and enter into maritime information service**

SKY Perfect JSAT Holdings Inc. (Head Office: Minato-ku, Tokyo; Representative Director, President: Shinji Takada) announces 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 regarding SKY Perfect JSAT has entered into a Strategic Alliance with Kongsberg Satellite Services, world-leading ground station services provider for LEO Satellite Operators, to accelerate LEO-related businesses and enter into maritime information service.

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SKY Perfect JSAT Corporation (Head Office: Minato-ku, Tokyo; Representative Director, President & Chief Executive Officer: Shinji Takada; hereinafter referred to as “SKY Perfect JSAT”) announces that SKY Perfect JSAT signed a Strategic Alliance Agreement with Kongsberg Satellite Services, AS (hereinafter referred to as “KSAT”) in order to jointly develop and expand KSAT’s ground station services for Low Earth Orbit (“LEO”) satellite operators in the Asia-Pacific region and remote sensing operational monitoring services using satellite images.

SKY Perfect JSAT has started LEO-related businesses, such as an investment into a Japanese space VB Axelspace (2015), optical satellite images sales in Japan provided by U.S. based Planet (2016), and ground station services (to be started from Q2 of 2017). Driven by new space technology and the growing IoT business environment, many LEO satellites are expected to launch. Through this strategic alliance with KSAT, SKY Perfect JSAT, No. 1 geostationary satellite operator in Asia, would like to accelerate expansion of its ground station network in the Asia-Pacific region and provide more reliable ground station services to global LEO satellite operators and so on.

Moreover, in terms of remote sensing services using satellite images, SKY Perfect JSAT will start joint marketing of KSAT’s existing remote sensing services, and for the coming IoT era, jointly develop and start various maritime information services together with KSAT.

The main fields of the Strategic Alliance are as follows:

- 1) Ground station services for LEO satellite operators
 - Joint development and expansion of KSAT ground station services for LEO satellite operators in the Asia-Pacific region.
- 2) Remote sensing services
 - Joint marketing of KSAT’s existing remote sensing services using satellite images, such as the “ship detection service” and the “oil spill detection service” in the Asia-Pacific region.
 - Joint development of various remote sensing services using satellite images, targeting not only government sectors but also business intelligences and other new markets.

KSAT is the world-leading ground station operator for LEO satellite operators with about 120 antennas optimally positioned for access to polar and inclined orbits. KSAT supports more than 100 satellites, including high resolution synthetic aperture radar (SAR) and electro-optical satellites, allowing us to provide near real-time operational monitoring services based on Earth observation data and services to a wide range of customers. The head office of KSAT is located in Tromsø, Norway and today employs 150 employees. KSAT is 50% owned by Space Norway, a state-owned enterprise of the Ministry of Trade, Industry and Fisheries. The remaining 50% is owned by Kongsberg Defense & Aerospace, part of KONGSBERG GROUP.

【Reference (1) : KSAT Overview】

- Company: Kongsberg Satellite Services AS
- Headquarters: Tromsø, Norway <http://www.ksat.no/>
- Shareholders: Kongsberg Defense and Aerospace 50% / Space Norway 50%
- Turnover: NOK 592 million (USD67.3M) (2015)
- Business: (1) Global Ground Station Network Services
(2) Earth Observation Services
- Ground Station: Svalbard, Tromsø (Norway), Troll (Antarctica) etc. about 20 stations globally

<KSAT's Global Ground Station Network>



<KSAT Ground Stations in Svalbard (78 °N) >



【Reference (2) : Joint Marketing Service by SKY Perfect JSAT and KSAT】

< Ship Detection Service >

- Analyze pictures taken by SAR satellites with Automatic Identification System(AIS) signal information and detect suspicious vessels.



< Oil Spill Detection Service >

- Analyze pictures taken by SAR satellites and detect oil spill slicks.
- Identify vessels responsible by analyzing those satellite pictures with AIS signals.

