B-SAT And SKY Perfect JSAT Award Lockheed Martin Contract For B-SAT3c/JCSAT-110r

PRNewswire
NEWTOWN, Pa.

Lockheed Martin has been awarded a contract by the Broadcasting Satellite System Corporation (B-SAT) and SKY Perfect JSAT Corporation (SKY Perfect JSAT) of Japan to build their next geostationary broadcasting and telecommunications satellite. Designated BSAT-3c/JCSAT-110R, the satellite will be launched in the second quarter of 2011 aboard an Ariane 5 ECA launch vehicle provided by Arianespace.

BSAT-3c/JCSAT-110R's two independent Ku-band payloads incorporate 12 direct broadcast channels and 12 fixed direct communication channels with uplink and downlink coverage over Japan. The spacecraft will be located at 110 degrees East longitude after delivery in orbit. BSAT-3c/JCSAT-110R is required to meet a 15-year service life and will be designed with over 95% flight-proven components integrated into the highly reliable A2100A platform manufactured by Lockheed Martin Commercial Space Systems (LMCSS), Newtown, PA.

BSAT-3c/JCSAT-110R is the third consecutive satellite order B-SAT has awarded to Lockheed Martin, and the fifth consecutive satellite order from SKY Perfect JSAT. Lockheed Martin successfully built and launched BSAT-3a in August 2007 and is currently manufacturing BSAT-3b, which is scheduled to launch in 2010. Lockheed Martin is currently building JCSAT-12, which is scheduled to launch in late 2009, and previously built JCSAT-9 through JCSAT- 11.

"Lockheed Martin has developed a strong relationship with B-SAT and SKY Perfect JSAT over the years and we are extremely pleased that they have once again entrusted Lockheed Martin to deliver their latest spacecraft," said LMCSS Vice President and General Manager Marshall Byrd. "Lockheed Martin's extensive use of flight-proven and flight-qualified components will deliver reliable performance well beyond the required mission life. Further, the A2100's advanced flexible satellite architecture provides outstanding capabilities and ease of operation."

"We have decided to procure the BSAT-3c/JCSAT-110R spacecraft, which will bear an extremely critical role in Japan's next generation satellite broadcasting in the BSS band, from Lockheed Martin," said B-SAT President & CEO Kazuo Takenaka. "With this new satellite, which will be delivered to us by the end of May 2011, and BSAT-3a and BSAT-3b, we will move forward with our continued stable operations at 110 degrees East. These spacecraft will be important digital satellite broadcasting infrastructure for Japan, and I believe they will help our business soar."

"Spurred by the rapid increase in the direct-to-home (DTH) subscribers in Japan, SKY Perfect JSAT needs to create a reserve satellite system using a communications satellite at 110 degrees east longitude (broadcasting and telecommunications hybrid satellite) and continue to offer highly reliable broadcasting and high-quality services," said SKY Perfect JSAT President and Chief Executive Officer Masanori Akiyama.

The Lockheed Martin A2100 geosynchronous spacecraft series is designed to meet a wide variety of telecommunications needs including Ka-band broadband and broadcast services, fixed satellite services in C-band and Ku-band, high- power direct broadcast services using the Ku-band frequency spectrum and mobile satellite services using UHF, L-band, and S-band payloads. The A2100's modular design features a reduction in parts, simplified construction, increased on-orbit reliability and reduced weight and cost.

The A2100 spacecraft design accommodates a large range of payloads. The A2100 serves as the platform for critical Lockheed Martin government communications programs such as the Advanced Extremely High Frequency program and the Mobile User Objective System, and is the foundation for the company's Transformational Satellite Communications System (TSAT) offering. The A2100 also serves as the spacecraft platform for Lockheed Martin's GPS III and Geostationary Operational Environmental Satellite Series-R (GOES-R) programs.

About B-SAT

B-SAT is a unique operator of broadcasting satellites in 12GHz BSS band in Japan. The company was established in April 1993 and is located in Tokyo, Japan. Since then, B-SAT has worked toward providing stable satellite operations and continuity of broadcast services. B-SAT currently owns and manages five satellites: BSAT-3a for both analogue and digital services, BSAT- 2a for analog services, BSAT-2c for digital services, and BSAT-1a and -1b for backup satellites.

About SKY Perfect JSAT

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. SKY Perfect JSAT has a fleet of 12 communications satellites covering Asia, Oceania and North America and providing satellite communications services in the region. In Japan, SKY Perfect JSAT is continuing to develop the DTH broadcasting platform, SKY PerfecTV!, in addition to satellite communications services, and now has a subscriber base of about four million households.

About Lockheed Martin

Lockheed Martin Commercial Space Systems is a unit of Lockheed Martin Space Systems Company. Lockheed Martin Space Systems Company, a major operating unit of Lockheed Martin Corporation, designs and develops, tests, manufactures and operates a full spectrum of advanced-technology systems for national security and military, civil government and commercial customers. Chief products include human space flight systems; a full range of remote sensing, navigation, meteorological and communications satellites and instruments; space observatories and interplanetary spacecraft; laser radar; ballistic missiles; missile defense systems; and nanotechnology research and development.

Headquartered in Bethesda, MD, Lockheed Martin is a global security company that employs about 140,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The corporation reported 2007 sales of $41.9 billion.

For more information about Lockheed Martin Commercial Space Systems, see our web site at http://www.lockheedmartin.com/ssc/CommercialSpace/.

Media Contacts: Dee Valleras, 215-275-1874; e-mail, dee.valleras@lmco.com

First Call Analyst:
FCMN Contact:

SOURCE: Lockheed Martin

Web site: http://www.lockheedmartin.com/

---

https://news.lockheedmartin.com/2008-12-15-B-SAT-and-SKY-Perfect-JSAT-Award-Lockheed-Martin-Contract-for-B-SAT3c-JCSAT-110r