Lockheed Martin-Built JCSAT-10 Satellite Ready For Launch

The JCSAT-10 telecommunications satellite, designed and built by Lockheed Martinfor JSAT Corporation of Japan, is ready for launch Aug. 11. The launch is scheduled for 6:14 p.m. EDT aboard an Ariane V launch vehicle provided by Arianespace.

JCSAT-10 is the fourth in a series of six satellite launches planned this year for Lockheed Martin Commercial Space Systems (LMCSS) and the second of three satellites Lockheed Martin will deliver to JSAT. JCSAT-9 was launched earlier this year on April 12 and JCSAT-11 is scheduled for launch in the third quarter of 2007.

JCSAT-10 is a high-power hybrid satellite consisting of 30 active Ku-band transponders and 12 active C-band transponders that will provide coverage to Japan, the Asia-Pacific region and Hawaii. It marks the 30th of Lockheed Martin's award-winning A2100 series of spacecraft delivered to satellite operators around the world. JCSAT-10 will operate from 128 degrees east and is designed for a minimum service life of 15 years.

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's design accommodates a large range of communication payloads as demonstrated by the 29 spacecraft successfully flown to date. This design modularity also enables the A2100 spacecraft to be configured for missions other than communication. The A2100 design is currently being adapted for medium earth orbit (MEO) navigation missions and geostationary earth orbit (GEO)-based earth observing missions and is currently the baselined platform for Lockheed Martin's GOES-R proposal.

About JSAT Corporation

JSAT Corporation is a leading satellite operator in the Asia-Pacific region. The company owns and operates nine satellites in eight orbital slots, covering North America, Hawaii, Asia and Oceania. JSAT provides a range of services, including digital communication satellite broadcasting service SKY PerfecTV! satellite TV broadcasting, video and data broadcasting services for corporate and inter-company networks, international telecommunications services.

About Lockheed Martin

Headquartered in Bethesda, Md., Lockheed Martin employs about 135,000 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 2005 sales of $37.2 billion.

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For more information about Lockheed Martin Commercial Space Systems, see our web site at www.lmcommercialspace.com.

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