

All Systems Are Nominal Aboard Lockheed Martin BSAT-3b Satellite Following Oct. 28 Launch

NEWTOWN, Pa., Nov. 4, 2010 /PRNewswire/ -- All systems are nominal aboard the BSAT-3b broadcasting satellite, designed and built by Lockheed Martin (NYSE: LMT) for Broadcasting Satellite System Corporation (B-SAT) of Japan. The satellite was launched Oct. 28 from Kourou, French Guiana at 5:51 p.m. EDT aboard an Ariane 5-ECA launch vehicle provided by Arianespace of Evry, France. Initial contact with the satellite was confirmed shortly afterward at 6:52 p.m. EDT from Lockheed Martin's satellite tracking station in Uralla, Australia. Ground controllers continue to command the spacecraft, the propulsion system has been pressurized and all liquid apogee engine (LAE) burns have been successfully concluded.

Reflector and solar array deployments are completed and the in-orbit testing plan remains on schedule.

Spacecraft maneuvers over the next week will place BSAT-3b in its proper orbital location at 110 degrees East longitude. Lockheed Martin expects to hand over BSAT-3b to B-SAT by the end of 2010 following bus and payload testing.

BSAT-3b features 12 130 W Ku-band channels, eight operating simultaneously. With a design life of 15 years, BSAT-3b is based on the A2100A platform manufactured by Lockheed Martin Commercial Space Systems (LMCSS), Newtown, Pa. The satellite is comprised entirely of equipment based on proven A2100 designs and flight heritage, enhancing reliability on orbit. Lockheed Martin successfully built and launched BSAT-3a for B-SAT in August 2007 and is currently constructing BSAT-3c/JCSAT-110R, which is scheduled for launch in the second quarter of 2011.

Headquartered in Bethesda, Md., Lockheed Martin is a global security company that employs about 133,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation's 2009 sales from continuing operations were \$44.0 billion.

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