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Orbital Sciences Selects EMS Technologies to Supply Redundant LNA Assemblies for HYLAS 2 Commercial Communications Satellite

***EMS Well Positioned in Global Broadband Market for Space-qualified Ka-band LNA Assemblies, Critical for Low NF, Reliable Signal Reception in Space***

**ATLANTA – March 19, 2010** – EMS Technologies, Inc. (NASDAQ: ELMG) announced today that Orbital Sciences Corporation (NYSE: ORB) has named EMS as supplier of the Redundant Low Noise Amplifier (LNA) Assembly for the HYLAS 2 Ka-band satellite.

The contract value over its 16-month term is \$5.4 million, and places EMS Defense & Space (D&S) as one of the few U.S. based space-qualified Ka-band LNA providers, aside from major space prime contractors, in the fast-growing satellite broadband market. Market research firm NSR expects global Ka-band demand to increase at a 26.4 percent compound annual growth rate (CAGR) between 2008 and 2018.



The HYLAS 2 satellite, to be built by Orbital and operated by Avanti Communications Group plc, the UK's only fixed satellite service operator, is scheduled for delivery in early 2012. When launched, the satellite will have triple the satellite capacity of its predecessor, HYLAS 1, and will serve Africa, Europe and the Middle East. The HYLAS 2 satellite, designed with advanced Ka-band technology, will facilitate high-speed delivery of data for applications such as corporate networking, broadband Internet access, business continuity services and video distribution.

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“Our work on Avanti’s next-generation GEO satellite program is an important milestone for EMS as a supplier to the Ka-band market, while strengthening our relationship with Orbital, a key commercial prime customer in the space market,” says Norm Johnson, vice president of Business Development for EMS D&S. “We are integrating our LNA and ferrite switching technology into one compact package, which will provide both redundancy and reliability to the satellite’s operation.”

The HYLAS 2 satellite will carry 24 active Ka-band user beams and four gateway beams. EMS Technologies’ LNA, a key front-end component of the payload, will allow selective beam-switching to provide coverage in high-demand areas. EMS’s LNA strengthens the signal as the spot beam goes to earth, enabling clear and strong signal reception.

“EMS Technologies had the right combination of a proven and very progressive LNA design and the manufacturing and test capabilities to deliver hardware to meet an aggressive launch timetable over the next 14 months,” says Mike Magoffin, Orbital’s program manager.

To date, EMS has provided Ka-band redundancy switches for LNA’s on the following programs: ANIK-F2, ASTRA, MUOS, SIRIUS and PAN.

### **About EMS Defense & Space**

EMS Defense & Space, a division of EMS Technologies (NASDAQ: ELMG), is a leading supplier of antenna systems and beam management for a broad range of military applications, including mobile network-centric operations and radar for battlefield visibility. Defense & Space hardware products and systems enable secure and vital RF links in the air, in space, at sea and on the ground. Visit [www.emsdss.com](http://www.emsdss.com) or [www.ems-t.com](http://www.ems-t.com) for more information.

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