

# AMC-14 Satellite Slated for March 15 Launch

## *Ku-band Spacecraft to Deliver EchoStar Services*

The AMERICOM-14 (AMC-14) satellite, of SES AMERICOM, an SES Company (Euronext Paris and Luxembourg Stock Exchanges: SESG), was delivered to Baikonur, Kazakhstan, to be readied for its Proton Breeze M launch scheduled for the morning of March 15 local time (evening of March 14 EST). The A2100 spacecraft was built by Lockheed Martin Commercial Space Systems and is being launched by International Launch Services (ILS) for service at the 61.5 degrees West longitude orbital position.

AMC-14 is an advanced, high-powered Ku-band BSS satellite, designed for multiple missions to operate across the orbital arc from 61 to 119 degrees West. As the third satellite dedicated to AMERICOM2Home®, the spacecraft has been optimized to provide Direct-to-Home video services. After the launch, SES AMERICOM will complete the testing of all spacecraft systems and ready the satellite for CONUS service from 61.5 degrees West by EchoStar Corporation (EchoStar). The design of AMC-14 features a communications payload of 32 of 24 MHz, high powered Ku-band transponders supported by 150 Watt TWTAs. In addition, the spacecraft carries a demonstration phased array antenna that enables coverage shaping while the satellite is in orbit. The mission is not dependent upon the experimental array; nonetheless, it gives both AMERICOM and EchoStar an opportunity to test this next generation technology. The designated mission of AMC-14 is to expand the bandwidth resources needed to increase the number of high definition and other services offered by EchoStar nationwide.

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"We are pleased that AMC-14 has been safely delivered to Baikonur; the AMERICOM, Lockheed Martin and ILS teams will execute their combined launch mission preparations so that AMC-14 is ready for launch in about four weeks," said Ed Horowitz, President and CEO of SES AMERICOM. He continued, "We have entrusted this important spacecraft to ILS for an on-time and on-target launch in mid-March; our customer, EchoStar, is waiting to use this payload to expand their services to customers across the nation."

The AMC-14 spacecraft, along with an assemblage of testing equipment and systems, made up a massive shipment of 18 huge containers with a cumulative weight of 83,533 Kgs. The load was flown to Yubileny Airport at the Baikonur Cosmodrome on an Antonov cargo plane that departed Moffett Air Force Base, California on February 12th. Once the spacecraft is unpacked, a team of AMERICOM, Lockheed Martin and ILS engineers and launch specialists will progress through a rigorous sequence of final preparations leading to the mid-March launch. These preparations include: spacecraft fueling, integration of the satellite with the Breeze M upper stage, encapsulation of the unit into the launch vehicle fairing, mating of the fairing with the Proton vehicle, roll-out and erection of the rocket on the launch pad, and a final set of readiness tests.

## **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, develops, tests, manufactures and operates a full spectrum of advanced-technology systems for national security, civil 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; fleet ballistic missiles; and missile defense systems.

Headquartered in Bethesda, Md., Lockheed Martin 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.

### **About ILS**

ILS is a joint venture of Space Transport Inc., Khrunichev Space Center of Moscow and RSC Energia of Moscow. ILS has exclusive rights to market the Proton, Russia's premier heavy-lift vehicle, to commercial satellite operators worldwide. Khrunichev, one of the cornerstones of the Russian space industry, manufactures the Proton. The Proton launches from facilities at the Baikonur Cosmodrome in Kazakhstan, and has a heritage of 333 missions since 1965. ILS is incorporated in Delaware in the United States, and is headquartered in McLean, Va., a suburb of Washington, D.C. For more information, visit [www.ilslaunch.com](http://www.ilslaunch.com).

### **About SES AMERICOM**

As the leading supplier of satellite services in the U.S., SES AMERICOM serves broadcasters, cable programmers, aeronautical and maritime communications integrators, internet service providers, mobile communications networks, government agencies, educational institutions, carriers and secure global data networks with efficient communications and content distribution solutions. The company, recognized as a major innovator of advanced satellite communications services, operates a fleet of 15 spacecraft in orbital positions predominantly providing service throughout the Americas. In addition, AMERICOM Government Services (AGS), a wholly-owned subsidiary, is dedicated to providing satellite-based communications solutions to both civilian and defense agencies of the U.S. Government.

SES AMERICOM is an SES company (Euronext Paris and Luxembourg Stock Exchange: SESG). SES wholly owns three market-leading satellite operators, SES ASTRA in Europe, SES AMERICOM in North America, and SES NEW SKIES, which provide global coverage and connectivity. The company also holds strategic participations in SES Sirius in Europe, Ciel in Canada and QuetzSat in Mexico. SES provides outstanding satellite communications solutions via a fleet of 38 satellites in 25 orbital positions around the globe. Additional information on SES is available at: [www.ses.com](http://www.ses.com).

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