



President's Report

July 1, 2008

The Satellite Industry Association (SIA) President's Report is a weekly executive capsule covering current satellite industry news and events. See the bottom of page for additional information.

Recent News

Intelsat General Corp., a wholly-owned subsidiary of **Intelsat Ltd.**, announced that it has achieved a number of key milestones with the satellite payload that will demonstrate Internet routing in space (IRIS) for the U.S. military. Intelsat General is teamed with Cisco Systems and SEAKR Engineering Inc. to create the payload for IS-14, the satellite being built for Intelsat by **Space Systems/Loral** which is planned for launch in the second quarter of 2009 aboard an Atlas V rocket. The satellite will be placed in geostationary orbit at 45 degrees West longitude with coverage of Europe, Africa and the Americas. <http://www.intelsat.com/>

The Boeing Company has completed environmental tests of the first of 12 Global Positioning System (GPS) IIF satellites, which confirm the mechanical integrity of the spacecraft. The program is on track to deliver the first satellite to the U.S. Air Force this year. The GPS IIF team completed a series of acoustic tests that replicate the noise levels expected during the spacecraft's launch into orbit. These tests were performed under the supervision of the Air Force, the Aerospace Corporation and the Boeing team at Boeing's satellite factory in El Segundo, Calif. http://www.boeing.com/news/releases/2008/q3/080701a_nr.html

Lockheed Martin announced that the first Advanced Extremely High Frequency (AEHF) military communications satellite is now undergoing thermal vacuum testing at the company's Sunnyvale, Calif. facilities. The U.S. Air Force's AEHF system will provide global, highly secure, protected, survivable communications for all warfighters serving under the U.S. Department of Defense. One of the most significant program milestones, thermal vacuum testing will verify AEHF spacecraft functionality and performance in a vacuum environment where the satellite is stressed at the extreme hot and cold temperatures it will experience in space throughout its 14-year design life. http://www.lockheedmartin.com/news/press_releases/2008/6-30-aehf.html

Mobile Satellite Ventures announced the selection of Colorado-based consulting services firm, Cadence LLC, to lead the design, architecture and development of MSV's pioneering Integrated Services Delivery Framework (ISDF). The ISDF is a "partner-ready platform" that will enable MSV to seamlessly and cost-effectively deliver innovative new content-driven applications and services across its next generation integrated 4G satellite-terrestrial network. The platform will solve the most critical issue facing the communications industry – reducing the time to market and costs associated with the delivery of converged services across an evolving communications value chain. <http://www.msvlp.com/media/press-releases-view.cfm?id=174&yr=2008>

TerreStar Corporation and its majority-owned subsidiary TerreStar Networks Inc. today announced that its satellite TerreStar - 1 (TS-1) has successfully completed its Thermal Vacuum (TVAC) testing, and High Power and Passive Intermodulation (PIM) testing of the flight model S Band feed array for its 2 GHz mobile satellite service satellite. TS-1 is now in the final

demonstration phase, followed by final assembly and performance testing. TS-1, which is under construction by **Space Systems/Loral, Inc** in Palo Alto, California, is expected to be the largest and most powerful commercial satellite following its planned launch.

<http://www.terrestar.com/news/press/index.html>

A new date for the launch of the third **Inmarsat-4** satellite has been scheduled for launch on board a Proton rocket. The launch will take place from the Baikonur Cosmodrome in Kazakhstan and if successful will complete the global constellation of Inmarsat-4 spacecraft providing mobile satellite services to users all over the world. Weighing 6 metric tonnes at launch, the Inmarsat-4 F3, built by EADS Astrium, will be lofted into space on a Proton Breeze-M rocket operated by International Launch Services.

<http://www.inmarsat.com/About/Newsroom/00024086.aspx?language=EN&textonly=False>

SES NEW SKIES announced a multi-year, multi-transponder agreement with the Essel Group for the provision of C-band satellite capacity to support the digitalization of India's vast cable infrastructure comprising more than 70 million homes. The agreement is for capacity ramping up to six transponders over a five year period, and initially covers capacity on NSS-703 at 57° East, transitioning to NSS-12. http://www.newskies.com/pressreleases_444.htm

2008 Upcoming Meetings and Events

Ahead:

August 18 – SIA-sponsored Army Commercial Satellite Workshop at LandWarNet, Broward County Convention Center. Ft. Lauderdale, FL,

<http://www.afcea.org/events/landwarnet/08/intro.asp>

September 23 -25 – APSCC 2008 Satellite "Satellites on the Move"

Jeju Island, Korea <http://www.apsc.or.kr/event/apsc2008.asp>

September 29 - October 3– IAC 2008 International Astronautical Congress and Exhibition, Scottish Exhibition and Conference Centre and Crowne Plaza Hotel in Glasgow, Scotland,

www.iac2008.co.uk

October 14 – ISCe Satellite Investment Symposium (ISIS NYC '08) - The Princeton Club, New York, NY www.isis-nyc.com

October 14 - SSPI 3rd Annual Future Leaders Dinner. The Princeton Club, New York, NY.

www.sspi.org

October 15-16 – SATCON Satellite and Content Delivery Conference & Expo, Javits Convention Center, New York, NY <http://www.satconexpo.com/>

October 29 – 31 – TCIP 10th Annual Conference Hyatt Regency Chicago Chicago, IL

www.ctc.org

December 9-11 – SIA Co-Sponsored DoD Commercial Satcom Workshop, Bethesda Marriott, Bethesda, MD

January 18-21 – Pacific Telecom Council PTC '09, Hilton Hawaiian Village, Honolulu, HI

<http://www.ptc.org/>

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