



Director's Report

July 24, 2007

The Satellite Industry Association (SIA) Director'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, Ltd. announced that its new Galaxy 17 satellite is fully operational and providing services. The satellite, built by Thales Alenia Space and launched by Arianespace, recently arrived at 74.05°W and Intelsat took control of the satellite from Thales Alenia Space. Galaxy 17 will eventually be located at 91°W and will join Intelsat's coveted North American cable community within its Galaxy fleet comprised of 15 other satellites that cover North America, Central America and the Caribbean. Once on station, the satellite will offer fresh capacity with its 24 C- and 24 Ku-band transponders for Intelsat's video, corporate and consumer broadband customers in North America and in the Caribbean. [Link to additional information](#)

Satellite broadband provider **Hughes Network Systems** is now offering "general availability" of its HughesNet Managed Network Services across Europe. The company's suite of virtual private network (VPN) solutions for multi-site enterprise networks affords clients the choice of broadband access technologies - like DSL, satellite, private line or any combination - at each site. The company said its HughesNet Managed Network Services includes both optimized and high-availability VPNs. Story *Courtesy of SkyREPORT*

Emerging Markets Communications is launching a new IP Trunking DVB-S2 platform service for the entire African continent. Benefiting PTTs, ISPs, GSM operators and Carriers operating in Africa, this new service supports internet and voice trunking, with a guaranteed CIR (Committed Information Rate) and an additional bursting capability over the whole shared outbound carrier. EMC will provide the service through its wholly-owned teleport facility located in Raisting, Germany, using **Intelsat** satellite capacity and EMC infrastructure comprising of a 32m antenna, SDH Backbone and IP connectivity to more than 30 prime IP providers. EMC will supply and finance all the remote equipment in conjunction with financial institutions. [Link to additional information](#)

Recently **DIRECTV** and **EchoStar** shook the satellite industry by unveiling joint plans to work with Clearwire for a WiMax solution. This week, Sprint Nextel took the wraps off an agreement with the company to expand the deployment of its nationwide mobile WiMax network plans. So with Clearwire working with the nation's DBS companies and with multiplatform competitors, how will WiMax services impact the satellite industry? Not to fear, suggests a new report, because WiMax will actually present more opportunities for satellite than it will create market threats. The study, issued by NSR, said satellite backhaul, DBS triple play efforts and ancillary terrestrial component (ATC) spectrum will in fact generate greener pastures for satellite-WiMax demand. Story *Courtesy of SkyREPORT*

Hughes Network Systems, LLC announced that Bentley Walker has purchased an HX System Network Operations Centre (NOC), a compact, cost-effective satellite solution for smaller networks that provides high Quality of Service. The HX platform employs the most efficient implementation of the DVB-S2 industry standard including Adaptive Coding and Modulation

(ACM), and is fully compliant with IPoS (IP over Satellite), the first global satellite industry standard approved by TIA in North America, and ETSI and ITU in Europe. [Link to additional information](#)

The first U.S. Air Force Global Positioning System Block IIR (GPS IIR) satellite, built by a team led by **Lockheed Martin**, has surpassed its 10-year design life of on-orbit service, providing the U.S. military and civil users world-wide with highly accurate navigation capabilities since 1997. The GPS IIR satellite is one of 30 operational GPS satellites currently on orbit. Based on the navigation user range error, which measures GPS accuracy, the Block IIR satellites enable properly equipped users to determine precise time and velocity, and worldwide latitude, longitude and altitude to within one meter. [Link to additional information](#)

Both payloads for Arianespace's next heavy-lift Ariane 5 flight are now undergoing checkout at the Spaceport following the arrival of Japan's BSAT-3a satellite in French Guiana. The spacecraft is to be operated by the Tokyo-based Broadcasting Satellite System Corporation (B-SAT). It joins **Hughes Network Systems** SPACEWAY 3 satellite at the Spaceport, which was transported to French Guiana several days earlier, and will be orbited along with BSAT-3a on the Ariane 5 ECA launch vehicle. The upcoming mission is the third of six Ariane 5 flights scheduled by Arianespace in 2007. *Story Courtesy of SkyREPORT*

Mobile Satellite Ventures LP announced that Ray S. Baxter has joined the company as vice president for Federal Sales. In this newly created role at MSV, Mr. Baxter will lead sales initiatives in the government sector in support of the company's planned next generation services. MSV is developing an integrated satellite-terrestrial communications network to provide ubiquitous wireless broadband services, including Internet access and voice services, throughout the United States and Canada. [Link to additional information](#)

Upcoming Meetings and Events

18-20 September 2007 - APSCC 2007 Satellite Conference and Exhibition, Millennium Hilton, Bangkok, Thailand <http://www.apscc.or.kr/event/apscc2007.asp>

9 October 2007 - ISCe Satellite Investment Symposium (ISIS NYC '07), The Princeton Club, New York, NY <http://www.isis-nyc.com>

9 October 2007 - SSPI Future Leaders Dinner. The Princeton Club, New York, NY www.satfuture.com

13-15 November 2007 - DoD Satcom Workshop, The Renaissance Washington, DC Hotel

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