



Director's Report

September 25, 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

Satellite Communications Company **Iridium Satellite** announced this week that it enjoyed a record-breaking summer with regards to growth in both worldwide subscribers and airtime. In August, the company said it added 8,150 net new subscribers - the most Iridium has ever seen in a single month. In addition, during the past three months Iridium has added a combined total of 22,000 net subscribers compared to 9,000 and 7,000 during the same period in 2006 and 2005 respectively. Story Courtesy of SkyREPORT

Hughes Network Systems, LLC announced that it has shipped more than 300,000 broadband satellite terminals compliant with the DVB-S2/IPoS air interface standard, including the Adaptive Coding Modulation (ACM) feature since being introduced in mid 2006. This milestone validates Hughes as the leading supplier of very small aperture terminals (VSATs) that are compliant with DVB-S2/IPoS. These yield higher throughputs and more efficient bandwidth utilization and provide the world's leading broadband satellite standard approved by TIA, ETSI and ITU. [Link to additional information](#)

The Boeing Company successfully launched the WorldView-1 satellite for DigitalGlobe aboard a Delta II rocket. Lift-off occurred at 11:35 a.m. PST from Vandenberg Air Force Base, Calif. The Delta II rocket deployed the spacecraft approximately 73 minutes after lift-off. The WorldView-1 satellite will provide commercial, high-resolution images of Earth, and is capable of collecting, storing and down-linking more frequently updated imagery than any other commercial imaging satellite in orbit. [Link to additional information](#)

International Launch Services (ILS) said it has established an independent failure review oversight board to review the results of the Russian State Commission's investigation into the Proton launch vehicle failure that destroyed the JCSAT-11 satellite. A Proton M/Breeze M launcher, built by ILS partner Khrunichev State Research and Production Space Center of Moscow, failed during second-stage operation, a little more than two minutes into flight, the company said. Lifting off from the Baikonur Cosmodrome in Kazakhstan, debris from both the launcher and the satellite has been recovered from an area about 50 kilometers from the town of Dzhezkazgan, Kazakhstan. Story Courtesy of SkyREPORT

Stratos Global Corp. introduced its new maritime broadband satellite communications solution based on Inmarsat's FleetBroadband service. FleetBroadband from Stratos, expected to be commercially available in November, offers a wide range of value-added services to provide ship managers with optimal communications performance and cost efficiency. Stratos is the largest supplier of mobile satellite services to the maritime industry, with communications to more than 40,000 maritime terminals worldwide. FleetBroadband from Stratos represents an extension of Stratos' broadband maritime portfolio, which includes a wide range of VSAT solutions. [Link to additional information](#)

The Boeing Company has been awarded a contract to launch the third COSMO-SkyMed commercial satellite for Thales Alenia Space Italia, the prime contractor of the Italian Space Agency. A Delta II expendable launch vehicle, in the 7420-10 configuration, will carry the COSMO-SkyMed spacecraft into orbit from Vandenberg Air Force Base, Calif., in 2008. Boeing Launch Services will procure the launch vehicle and related support from United Launch Alliance, a Boeing-Lockheed Martin joint venture. Boeing successfully launched the first COSMO-SkyMed satellite from Vandenberg and is planning to place the constellation's second of four satellites into orbit later this year. [Link to additional information](#)

Globalstar, Inc. announced that it has signed an agreement with Radyne Corporation business unit AeroAstro, to purchase AeroAstro's SENS (Sensor Enabled Notification System) Appliqués that will be used to further expand Globalstar's Simplex data geographic coverage and grow its Simplex data customer capacity in Asia and Latin America. [Link to additional information](#)

Mobile Satellite Ventures LP announced that it was awarded two Canadian Patents and two Australian Patents that protect essential aspects of MSV's mobile satellite services (MSS) and ancillary terrestrial component (ATC) technology. According to specifics of the patents, user devices have the potential to seamlessly switch from the satellite to the terrestrial component and vice versa in order to avoid dropping calls. Meanwhile, highly efficient spectrum reuse techniques are employed to maximize overall system capacity and reduce costs to end users. [Link to additional information](#)

Universal Space Network announced that it is dramatically expanding its network of satellite ground stations in Hawaii and Australia in response to USN's record backlog and growing customer demand for low-latitude ground station services. In addition to added capacity, each of the new full-motion antennas will provide a new capability for USN's customers-an X-band uplink service-and USN is one of the first in the industry to provide this service to its customers. [Link to additional information](#)

Upcoming Meetings and Events

24-27 September 2007 – VSAT 2007 The Waldorf Hilton, Aldwych, London

http://www.comsys.co.uk/vc07_mn.htm

25 September 2007 – DTV Transition Public Meeting, Expo and Networking Event, U.S. Department of Commerce (DOC), Washington, DC

<http://www.ntia.doc.gov/dtvcoupon/DTVTransitionExpo.pdf>

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

10-11 October 2007 –SATCON 2007 - Jacob K. Javits Convention Center New York, NY www.satconexpo.com

29- 31 October 2007 – MILCOM 2007 - Gaylord Palms Resort and Convention Center, Orlando, Florida <http://www.milcom.org>

5-8 November 2007 – Transforming Space 2007 - Los Angeles, California, www.californiaspaceauthority.org/conference2007

11 November 2007 – GVF EMEX Symposium – Reno, Nevada, www.gvf.org

12-13 November 2007 - Reach to Space Conference - GW University, Washington, DC
www.reachtospace.org

13-15 November 2007 – DOD SATCOM USERS WORKSHOP - The Renaissance Washington, DC Hotel www.dodsatcom.com

26-28 February 2008 – SATELLITE 2008 - Washington Convention Center, Washington, DC
www.satellite2008.com

27-29 February 2009 – International Wireless Communications Expo - Las Vegas Convention Center, Las Vegas, Nevada, www.iwceexpo.com

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