



President's Report

April 29, 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

Spacecom, the operator of the AMOS satellite fleet, announced that its newest satellite, AMOS-3, has been successfully launched from the Baikonur Cosmodrome launch site in. AMOS-3 roared into the atmosphere onboard a Zenit-3SLB launcher. The launcher's first and second stages have already been successfully separated. The last stage will be separated a few hours after the launch, and AMOS-3 will unfold its solar panels and main antenna and begin communicating with its ground-control station. Within the following weeks, AMOS-3 will undergo a series of comprehensive In-Orbit-Tests, after which Israel Aerospace Industries will deliver it in its final orbital position to Spacecom. [Link to additional information](#)

The No. 2 DBS provider has taken another step into the mobile world. **DISH Network** said it is working with Alcatel-Lucent to test the DVB-SH (Digital Video Broadcasting - Satellite services to Handhelds) mobile broadcast technology in the United States. The evaluation will take place at DISH's laboratories in Atlanta between May and August. The objective of the trial is to validate the performance and cost-efficiency of the DVB-SH standard, the companies said. *Story Courtesy of SkyREPORT*

Space Systems/**Loral** and **ICO Global Communications Limited** announced the successful deployment of the ICO G1 satellite's large antenna reflector. ICO G1 is a Loral designed spacecraft that incorporates a 12 meter antenna reflector designed and built by Harris Corporation. The reflector utilizes a gold-plated mesh reflective surface and a unique new Harris design that allows a very large antenna reflector to stow safely and easily on the Loral 1300 satellite platform. The reflector size enables the increased performance typically required for mobile interactive media services. [Link to additional information](#)

Boeing has finished installing the hardware for its Space Based Space Surveillance system's Satellite Operations Center (SOC). The SOC now has the necessary security certification to allow the SBSS program to begin integrated testing. The SOC is the operational command and control system for the SBSS mission. It will conduct mission planning, command satellites, manage satellite health and perform mission data processing. The system includes industry-standard commercial off-the-shelf hardware and software that can be maintained with minimum impact on operations. [Link to additional information](#)

Hughes Network Systems, LLC announced that Orion Satellite Systems of Australia has purchased and commissioned a state-of-the-art DVB-S2/IPoS with Adaptive Coding Modulation (ACM) satellite system from Hughes to provide broadband Internet access service to remote areas in Australia. Orion Satellite Systems is one of the registered providers of broadband satellite services under the Australian Broadband Guarantee (ABG) program.

The HN system from Hughes is fully compliant with the DVB-S2/IPoS air interface standard, including the Adaptive Coding Modulation (ACM) feature, which yields higher throughputs and more efficient bandwidth utilization. [Link to additional information](#)

Integral Systems, Inc. announced a contract with ProtoStar-II Ltd., of Bermuda to provide a completely integrated ground control system for ProtoStar-II, a 601HP satellite currently under construction by Boeing. This contract follows on the heels of a highly successful ProtoStar-I program and further solidifies Integral's place as the dominant ground system supplier in the industry. By integrating state-of-the-art products from Integral's wholly-owned subsidiaries Newpoint Technologies and SAT Corporation with its EPOCH IPS (Integrated Product Suite), Integral is able to offer an unparalleled solution that meets and exceeds the ProtoStar ground system's requirements. [Link to additional information](#)

Arianespace said it is preparing for the launch of two satellites - Skynet 5C and Turksat 3A - that will be part of a single mission. One satellite, Skynet 5C, is the third satellite that will be launched by Arianespace for U.K.-based Paradigm, a military satellite telecom operator that delivers secure communications to military and government users. Riding along with Skynet 5 on the Ariane 5 mission is Turksat 3A, a Thales Alenia Space-built spacecraft for Turkey's international satellite and cable operator. The satellite will enable Turksat to offer telecom services and direct video broadcasting over a broader area than its existing satellites. The satellite is equipped with 24 Ku-Band switchable transponders. *Story Courtesy of SkyREPORT*

2008 Upcoming Meetings and Events

This Month:

April 30 – CSIS Space Launch After the Shuttle, 1800 K Street NW B-1B Conference Center, Please RSVP to techpolicy@csis.org

Ahead:

May 5 – 9 – DISA Customer Partnership Conference 2008, Disney's Coronado Springs Resort in Orlando, Fla. <http://www.disa.mil/conferences/index.html>

June 10-12 – ISCe 2008/ICSSC 2008 and the SIA Co-Sponsored Navy SATCOM Users Workshop - Marriott Hotel and Marina, San Diego, CA www.isce.com

June 24-25 – ICC Telecommunications and Media Forum, Madrid, Spain www.iicom.org

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

Jeju Island, Korea <http://www.apsc.org.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 9 – ISCe Satellite Investment Symposium (ISIS NYC '08) - The Princeton Club, New York, NY www.isis-nyc.com

October 29 – 31 – TCIP 10th Annual Conference Hyatt Regency Chicago Chicago, IL www.ctc.org

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