



President's Report

March 4, 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.

SIA Activities

SIA recently awarded General James Cartwright, Vice-Chairman of the Joint Chiefs, and Richard Russell, US Ambassador to the 2007 World Radiocommunications Conference, with the Association's highest honor, the Leadership in Government Award. The Award, presented during SIA's annual Leadership Dinner on February 25, 2008, is presented to a government official who exemplifies leadership and whose dedication to public service is an example to others. In the eleven years SIA has sponsored this dinner, the Award has been given only five times. The keynote speaker for the Leadership Dinner was Rep. Henry Cuellar (D-Tx), the Chairman of the House Homeland Security Subcommittee on Emergency Communications, Preparedness, and Response.

Recent News

The Boeing Company announced that its more than 260 commercial and civil satellites have achieved a total of 2,500 years of service. Boeing's space-based contributions to the world can be traced back to 1963, when the company achieved an industry first with the launch of Syncom, the world's first communications satellite to operate in geosynchronous orbit, 22,300 miles above the equator. Following a theory put forth by inventor and science-fiction writer Arthur C. Clarke, Boeing satellites proved that in that orbit, only three satellites are needed to provide worldwide coverage, compared with more than 50 in a lower orbital position. Boeing specializes in geosynchronous communications satellites for commercial, civil and military use. [Link to additional information](#)

Sea Launch is implementing long-term Sea Launch contracting initiatives with Sea Launch partner organizations for the on-time production and delivery of rocket segment hardware to meet current and future launch opportunities. The first of a series of recent planned shipments of rocket segments for the Zenit-3SL system arrived at Sea Launch Home Port. Some of this hardware supported the launch of the Thuraya-3 satellite, while other segments are designated to upcoming missions. [Link to additional information](#)

Sirius has started preparations to expand satellite capacity. The company and International Launch Services announced a contract for the flight of two Sirius satellites on the Proton Breeze M vehicle. ILS has supported Sirius before, launching the satellite radio company's initial constellation of three birds in 2000. The first future satellite, Sirius FM-6, is under construction at **Space Systems/Loral** and is set for launch in fourth quarter 2010. Sirius has not announced its plans for the second launch. Story Courtesy of SkyREPORT

SWE-DISH Satellite Systems, a **DataPath** company, has been awarded an indefinite-delivery/indefinite-quantity contract by the U.S. Navy's Space and Naval Warfare Systems Center to provide portable SATCOM terminals. The contract, awarded to SWE-DISH and six other companies, has a total value of up to \$491 million over five years for all suppliers. The SWE-DISH portion of the award is for up to approximately \$32 million in the first base year,

with a potential value of up to \$175 million for the base year and all option years. [Link to additional information](#)

Iridium® Satellite, the world's fastest-growing mobile satellite services provider, unveiled its new Iridium OpenPort enhanced-bandwidth marine communication system at the Satellite 2008 Conference and Exhibition in Washington, DC last week. [Link to additional information](#)

Lockheed Martin has successfully completed acoustic testing of the first Advanced Extremely High Frequency (AEHF) military communications satellite. The Advanced EHF system will provide survivable, highly secure, protected, global communications for all warfighters serving under the U.S. Department of Defense. During the test, the fully integrated spacecraft was subjected to the sound and vibration levels expected during launch into orbit. The successful test, conducted at Lockheed Martin's Space Systems facilities in Sunnyvale, California, is one of several critical environmental test phases that validate the overall satellite design, quality of workmanship and survivability during space vehicle launching and on-orbit operations. [Link to additional information](#)

The Japan Aerospace Exploration Agency and Mitsubishi Heavy Industries launched the WINDS satellite that promises to deliver fast internet access. According to The Associated Press, the satellite could offer speeds of up to 1.2 gigabytes per second to consumers with small dishes. The platform would initially focus on the Asia-Pacific region. Story Courtesy of SkyREPORT

Space Systems/Loral, a subsidiary of Loral Space & Communications and the world's leading provider of high-power commercial satellites, announced that it has been awarded a contract to manufacture a new spacecraft for **SES NEW SKIES**, a subsidiary of SES. Designed as the largest most powerful satellite in the SES fleet, NSS-14 expands and enhances the company's ability to provide Fixed Satellite Services (FSS) to the Americas, Europe, Africa and the Middle East. [Link to additional information](#)

Northrop Grumman Corporation and **Space Systems/Loral**, a subsidiary of Loral Space & Communications announced that they are pursuing a group of initiatives that stands to broaden each company's opportunities to provide the U.S. government with cost-competitive satellite systems. The resulting agreement also will enable Space Systems/Loral to expand its manufacturing capacity as needed to address near-term increased satellite demand, through use of the satellite test facilities and services at Northrop Grumman facilities in Redondo Beach, California. [Link to additional information](#)

Both **DIRECTV** and **DISH Network** are preparing for key satellite launches this month. And the separate missions will have implications for the company's services, including future expansions of high-definition broadcasting. Sea Launch is preparing the launch of DIRECTV 11 for some time this month. As of press time, the launch services provider had not left its Long Beach, California facilities with the satellite for a launch site in the Pacific Ocean. The satellite will fly on a Sea Launch Zenit-3SL rocket. DIRECTV 11 is a 702-model spacecraft built by **Boeing**. Story Courtesy of SkyREPORT

Northrop Grumman Corporation delivered the payload module for the second Advanced Extremely High Frequency (EHF) military communications satellite ahead of schedule to the Sunnyvale, Calif., facilities of **Lockheed Martin**, prime contractor for the Advanced EHF program. Delivery of this second payload module follows one year after the first payload module delivery, which was also delivered ahead of schedule. [Link to additional information](#)

In an agreement signed with **Intelsat**, Sea Launch will deliver two communications satellites built by Orbital Sciences Corporation to Geosynchronous Transfer Orbit. These Land Launch missions are currently planned for 2009 and serve to re-purpose manifest slots previously planned for two other Intelsat spacecraft. The Intelsat 15 (IS-15) satellite will replace Intelsat 709 currently positioned at 85 degrees East Longitude. The high power Ku-band payload will provide video and data services for the Middle East, Indian Ocean Regions and Russia. Based on Orbital's STAR™ spacecraft bus, IS-15 will produce 4.6 kW of payload power and feature two 2.3 meter dual-grid deployable reflectors as well as one 1.4 meter dual-grid deck-mounted antenna. [Link to additional information](#)

Upcoming Meetings and Events

5-6 March 2008 -- MENASAT@CABSAT 2008, International Convention & Exhibition Centre/World Trade Centre, Dubai, UAE www.gvf-events.org

6 March 2008 – Disaster Planning and Recovery Forum, Anheuser-Busch Briefing Center, US Chamber of Commerce, Washington, DC RSVP at jsimmons@uschamber.com

13 March 2008 – WSBR, The University Club 1135 16th Street NW Washington, D.C

12 – 14 March 2008 – IPTV World Forum 08, Olympia, London www.iptv-forum.com

31 March - 1 April 2008 – Export & Licensing Requirements for Space-Based Programs, sponsored by the Southwest Research Institute, Washington, DC, <http://swri.org/9what/events/confer/export/default.htm>

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

23 -25 September 2008 - APSCC 2008 Satellite "Satellites on the Move" Jeju Island, Korea <http://www.apsc.or.kr/event/apsc2008.asp>

14 October 2008 – ISCe Satellite Investment Symposium (ISIS NYC '08) - The Princeton Club, New York, NY www.isis-nyc.com

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