



ATK – On May 28th, NASA Administrator Charles Bolden along with Goddard Space Flight Center Director Christopher Scolese received a firsthand look at work performed at ATK Space Systems Division in Beltsville, Maryland. Bolden and Scolese toured the Robotic Rendezvous and Proximity Operations (RPO) Lab located at the facility. The lab is used to demonstrate simulations of innovative robotic technology that could extend the life of a satellite.



Pictured Left to Right: ATK Aerospace Group President Blake Larson, NASA Administrator Charles Bolden, ATK Space Systems Division GM and VP Tom Wilson, NASA Goddard Space Flight Director Christopher Scolese. (Photo courtesy of ATK)

INTELSAT On June 26th, Intelsat S.A. (NYSE: I), announced that it has signed a 15-year agreement with Encompass Digital Media, a global leader in mission-critical media capture, management and distribution services, for capacity on Intelsat 34, one of the three satellites comprising Intelsat's premier video neighborhoods serving Latin America. Encompass will transition from Intelsat 805 at 304.5° East to its replacement satellite, Intelsat 34, in late 2015, and lease additional C-band capacity to expand its SD and HD video distribution feeds throughout Latin America.

ARTEL On June 26th, Artel, LLC, announced it has been awarded a COMSATCOM Transponded Capacity task order by the Defense Information Systems Agency Defense Information Technology Contracting Organization (DISA-DITCO). The total contract value of \$43.4M includes one base-year of performance and four one-year options. Artel will provide Ku-band space segment to a Department of Defense (DoD) customer. Other services include network architecture; contingency support; real-time monitoring; and Host Nation Approval (HNA) support for terminal licenses for operations in host countries. DISA-DITCO is utilizing this important procurement vehicle to deploy satellite bandwidth to the DoD customer in support of their mission needs in select global regions.

O3b On June 24th, O3b Networks announced that launch services provider Arianespace plans to send four more satellites from the O3b constellation into a circular orbit at an altitude of 8062 km with the eighth Soyuz launch from the Guiana Space Center in French Guiana. The launch is scheduled for Thursday, July 10th. O3b's first four satellites were launched in 2013 and the



SIA PRESIDENT'S REPORT – MEMBER NEWS FOR JUNE 2014

company started bringing customers up on its network in the spring of 2014. A third group of satellites are due to launch in Q1 2015.

LOCKHEED MARTIN On June 24th, Lockheed Martin [NYSE: LMT] announced that the U.S. Air Force had awarded a \$1.86 billion fixed-price contract to complete the production of the fifth and sixth Geosynchronous Earth Orbit (GEO) satellites, known as GEO-5 and GEO-6, for the Space Based Infrared System (SBIRS). SBIRS provides the U.S. with continuous early warning of ballistic missile launches and other tactical intelligence. The Air Force awarded initial funding for the two satellites in a 2012 contract to complete non-recurring engineering activities and to procure select long lead parts. In 2013, the service awarded the advance procurement contract to secure additional long lead parts.

KRATOS On June 23rd, Kratos Defense & Security Solutions, Inc. (Nasdaq:KTOS), announced that its SAT Corporation subsidiary has provided a global satellite operator with Carrier Identification (CID) technology for its ground network to help identify and mitigate RF interference that can disrupt radio frequency (RF) communications. The capabilities helped the operator better assure service performance in time for the increased global broadcast demands surrounding the World Cup in Brazil. RF signal interference is a growing problem in the satellite industry, particularly the kind of inadvertent, non-malicious interference that is increasing with the worldwide proliferation of satellite devices and services. CID enables satellite operators and end users to identify the source of an interfering carrier, thus speeding cross-verification between operators and dramatically reducing the time to resolve accidental events.

VIASAT On June 18th, ViaSat Inc. (NASDAQ: VSAT), announced that for the second consecutive year, Exede[®] high-speed satellite Internet from ViaSat led all other Internet services in delivering advertised speeds in the FCC 2014 Measuring Broadband America report. The report measures actual service performance of fixed broadband subscribers and Exede service delivered approximately 140 percent of its advertised upload and download speeds during peak periods. The report evaluates and compares results from 14 broadband providers, including DSL, cable, fiber, and satellite. Collectively, the report's findings represent 80 percent of U.S. broadband connections.

SES On June 17th, SES (NYSE Euronext Paris and Luxembourg Stock Exchange: SESG) announced that Eurovision – the European Broadcasting Union's (EBU) distributor of premium sports and news events – is broadcasting the 2014 FIFA World Cup to audiences throughout North America, Latin America, Europe and Asia in Ultra HD and HD via SES satellites. Eurovision is distributing matches live in Ultra HD to their global network using the NSS-806 satellite and SES's teleport in Manassas. SES's NSS-7 and SES-6 spacecraft are being used to enable Eurovision to deliver matches from the 12 World Cup venues throughout Brazil to the International Broadcast Center in Rio de Janeiro.

NEWSAT On June 15th, NewSat announced that it has been advised by MEASAT that the launch of the MEASAT-3b satellite, which will host the Jabiru-2 payload, is scheduled for September 2014. MEASAT-3b is one of two satellites to be carried by Arianespace flight



SIA PRESIDENT'S REPORT – MEMBER NEWS FOR JUNE 2014

VA218, a dual launch from the European Spaceport in French Guiana. The MEASAT-3b satellite remains at the European Spaceport, French Guiana and is ready for launch in September. Jabiru-2 is 216MHz of capacity to provide coverage across Australia, Timor Leste, Papua New Guinea and the Solomon Islands, to satisfy the growing demand for communications from enterprise and government sectors.

VIASAT On June 13th, ViaSat Inc. announced that in-flight network switching between a U.S. Government Ka-band Wideband Global SATCOM satellite and a commercial Ka-band satellite had been successfully demonstrated by ViaSat. The USAF proof of concept flight demonstration was conducted under a Cooperative Research and Development Agreement (CRADA) with the Air Force Life Cycle Management Center in cooperation with Air Mobility Command, 193rd Air National Guard, MITRE, and MIT Lincoln Laboratory. The body of observers included representation from U.S. Strategic Command.

COMTECH EF DATA On June 12th, Comtech EF Data Corp. announced that it was once again named the largest Single Channel per Carrier (SCPC) satellite modem supplier in the COMSYS VSAT Report, 13th Edition. The recently published report identifies that the Comtech EF Data solution suite is utilized by the majority of the top 160 VSAT operators globally. Comtech remains the largest preferred supplier for mainstream corporate applications and its satellite modems continue to dominate the market for cellular backhaul links. Citing the Company's recent major wins from Globecom and from Harris CapRock Communications with its new Advanced VSAT solution suite, the report also states that Comtech EF Data now has an established foothold in the oil & gas and maritime premium enterprise market.

INTELSAT On June 12th, Intelsat S.A. (NYSE: I) announced today that it has established a strategic agreement to provide access to its global C- and Ku-band broadband mobility network to SpeedCast, a leading global satellite communications and maritime service provider. Under the multi-year agreement, Intelsat will provide SpeedCast access to Intelsat's global C-band and Ku-band satellite capacity as well as to its terrestrially managed network, IntelsatOneSM. The agreement will also provide SpeedCast access to Intelsat's global broadband mobility network, which is comprised of 13 customized Ku-band mobility beams on ten satellites spread around the geostationary belt.

DIGITALGLOBE On June 11th, DigitalGlobe, Inc. (NYSE: DGI) announced that it had received notice from the U.S. Department of Commerce on its application to allow the company to sell its highest-quality and industry-leading commercial satellite imagery. Effective immediately, DigitalGlobe will be permitted to offer customers the highest resolution imagery available from their current constellation. Additionally, the updated approvals will permit DigitalGlobe to sell imagery to all of its customers at up to 0.25m panchromatic and 1.0m multispectral ground sample distance (GSD) beginning six months after its next satellite WorldView-3 is operational. Worldview-3 is scheduled to launch, August 13 or 14, 2014 from Vandenberg Air Force base.



SIA PRESIDENT'S REPORT – MEMBER NEWS FOR JUNE 2014

INTELSAT On June 11th, Intelsat S.A. (NYSE: I) announced that the world's leading news and sports programmers are using Intelsat's global satellite services and IntelsatOneSM terrestrial network to televise the 2014 World Cup being held in Brazil beginning 12 June 2014 through 13 July 2014. Intelsat's global satellite fleet will support contribution services within Brazil and distribution of the World Feed to the Americas. Intelsat will also support the contribution, distribution and fiber back-up demands of sports and news organizations in the Americas, Europe, Asia and Africa on an ad-hoc basis using Intelsat's occasional use service pool. The satellite services provided complement existing full-time capacity arrangements used by sports and news organizations for news coverage emanating from the region.

SSL On June 11th, Space Systems/Loral (SSL) and Asia Satellite Telecommunications Co. Ltd. (AsiaSat) announced that AsiaSat 8 had arrived at the Cape Canaveral Air Force Station in Florida, where it will be launched aboard a Falcon 9 launch vehicle by SpaceX. The satellite is currently being prepared for a July launch which will mark the first Falcon 9 launch for both AsiaSat and SSL. AsiaSat 8, with Ku and Ka-band payloads, is designed to provide direct-to-home (DTH) television service, data broadcasting, and telecommunications services in Asia and the Middle East. When launched, AsiaSat 8 will be co-located with AsiaSat 7. The additional capacity from AsiaSat 8 will help meet growing market demand and ensure the delivery of exceptionally high power and quality service to its customers.

INMARSAT On June 11th, Inmarsat announced that Satcom Direct Communications (SDC), the government/military services branch of Satcom Direct, will provide Global Xpress services to the U.S. government. Satcom Direct has been an Inmarsat partner since 1997 and is presently one of the company's largest aviation services providers. In their most recent partnership, Satcom Direct Communications has now been appointed a Value Added Reseller by Inmarsat for its Global Xpress mobile broadband satellite network. Specifically, Satcom Direct Communications is authorized to market Global Xpress Subscription Services to the aeronautical sector of the U.S. government market.

INTELSAT On June 11th, Intelsat S.A. (NYSE: I), the world's leading provider of satellite announced that it has signed a 15-year service agreement with MultiChoice, Africa's leading pay TV provider, on a new satellite to be added to the Intelsat network. The new satellite, Intelsat 36, is expected to launch in late 2016 and will be co-located with Intelsat 20 at 68.5°E, Intelsat's premier direct-to-home (DTH) neighborhood in Africa. MultiChoice has been the anchor customer at the 68.5°E location since 1995.

LOCKHEED MARTIN On June 10th, Lockheed Martin [NYSE: LMT] announced that all partner nations are now using the Advanced Extremely High Frequency (AEHF) protected communications satellite system after the United Kingdom connected earlier this year. Four nations will use the Lockheed Martin-produced satellites for their most important transmissions, from commanders-in-chief to troops in the field. The U.K. connection follows Canada's first successful call in May, 2013, and The Netherlands' initial connection came two months later. Over the past year AEHF facilitated many connections between international users, and U.S.-led tests in April included all four partners.



SIA PRESIDENT'S REPORT – MEMBER NEWS FOR JUNE 2014

COMTECH EF DATA On June 10th, Comtech EF Data Corp. announced that in the recently published 8th Edition of the Wireless Backhaul, Trunking and Video Offload via Satellite report by Northern Sky Research (NSR), it was identified as the dominant industry participant for both Single Channel per Carrier (SCPC) equipment and the overall wireless backhaul market. The report identifies steady growth and backhaul capacity demand for the fixed land-based towers market. However, the market opportunities are shifting towards new satellite technologies, such as GEO-HTS and MEO-HTS, as a result of the demand for higher throughputs and lower cost bandwidth solutions for sustained revenue growth.

VIASAT On June 9th, ViaSat Inc. (Nasdaq: VSAT) announced the expansion of its ability to deliver high-speed satellite services and Internet access with the acquisition of privately-held NetNearU Corp. NetNearU has developed a comprehensive network management system for Wi-Fi and other Internet access networks that can extend ViaSat Exede[®] services to a growing base of subscribers for multiple markets, including commercial airlines, live events, hospitality, enterprise networking and government broadband projects.

INTELSAT On June 5th, Intelsat S.A. (NYSE: I) announced a multi-year agreement with Slovak Telekom a.s., the largest Slovak multimedia operator, to expand Slovak Telekom's direct-to-home (DTH) services in Central Eastern Europe (CEE). As part of the agreement, Slovak Telekom is operating multiple transponders at the Intelsat 1° West premier video neighborhood. In addition, Intelsat's terrestrial network, IntelsatOne, is providing an uplink from Intelsat's Fuchsstadt, Germany Teleport with fiber contribution from Bratislava and a provision for disaster recovery uplink services. With the potential to reach 17 million households across 17 Northern, Central and Eastern European countries, Intelsat 1° West is a leading neighborhood for CEE media platforms.

SES On June 2nd, SES S.A. (NYSE Euronext Paris and Luxembourg Stock Exchange: SESG) announced that the ASTRA 5B satellite went live at the orbital position of 31.5 degrees East over Central and Eastern Europe, Russia and the Commonwealth of Independent States. The spacecraft provides DTH (Direct-to-Home) as well as direct-to-cable services and contribution feeds to digital terrestrial television networks in its target markets. ASTRA 5B was successfully launched by an Ariane 5 rocket from the European spaceport in Kourou, French Guyana, on March 22nd, 2014. Since then, the spacecraft has successfully completed a number of in-orbit maneuvers and undergone a series of extensive in-orbit tests to confirm its flawless performance.

VIASAT On May 29th, ViaSat Inc. announced it is launching a new worldwide network service for the machine to machine (M2M) market. Similar to its innovation in broadband services, ViaSat is focused on creating a more economically favorable system designed to provide higher speeds, greater security, and faster response to small fixed and mobile terminals. The ViaSat L-band Managed Service is enabled by technologies that provide a new combination of features for Mobile Satellite Services (MSS) that is expected to lower the cost of ownership for M2M networking. The new service introduces an innovative new waveform optimized for M2M that leverages ViaSat's extensive experience in serving U.S. government customers with highly secure, reliable, and rugged satellite-based global services.



[SIA PRESIDENT'S REPORT – MEMBER NEWS FOR JUNE 2014](#)

SES On May 28th, SES (NYSE Euronext Paris and Luxembourg Stock Exchange: SESG) announced the introduction of its latest satellite broadband technologies at the international eLearning Africa conference in Kampala, Uganda. The SES affiliate SES Broadband Services, the Eichstätt-Ingolstadt University in Germany and the Permanent Centre for Education of Uganda have partnered for an exclusive demonstration of a live streamed e-learning session and a new satellite Wi-Fi hot spot service. The demonstrations will see Eichstätt-Ingolstadt University in Munich connected live to Kampala via satellite to show the features of the virtual classroom through a satellite connection between teachers and pupils. SES Broadband Services will also launch its new Wi-Fi hot spot service.

EUTELSAT On May 27th, Eutelsat Communications (NYSE Euronext Paris: ETL) announced the successful launch of its EUTELSAT 3B satellite by a Zenit-3SL rocket operated by Sea Launch AG from the ocean-based Odyssey Launch Platform in the Pacific Ocean. Lift-off took place on Monday 26 May at 21.10 GMT/UTC. After a 1-hour flight, the Zenit-3SL booster released EUTELSAT 3B into geosynchronous transfer orbit. EUTELSAT 3B will undergo a full series of in-orbit tests. Built for Eutelsat by Airbus Defence and Space using its E3000 platform, EUTELSAT 3B has been designed to increase and diversify Eutelsat's resources and footprint at its 3° East orbital position. The latest satellite to Eutelsat's fleet is expected to enter full commercial service in July.

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