APSCC Monthly e-Newsletter
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News in this issue has been collected from 1 May to 31 May.

INSIDE APSCC

APSCC 2017 Satellite Conference & Exhibition, 10-12 October, Tokyo, Japan
The APSCC Satellite Conference and Exhibition is Asia's must-attend executive conference for the satellite and space industry, where business leaders come together to gain market insight, strike partnerships and conclude major deals. Celebrating its 20th annual event APSCC 2017 #SATECHexplorer will incorporate industry veterans and new players through the 3-day of in-depth conference program to reach out to a broader audience. Join APSCC 2017 and expand your business network while hearing from a broad range of thought-provoking panels and speakers representing visionary ideas and years of business experience in the industry. For more information, please visit www.apscc2017.com

SATELLITE BUSINESS

Comtech EF Data Announces Deployments Valued at $1.6 Million of Heights Networking Products in Asia
May 1, 2017 - Comtech Telecommunications Corp. announced that three different customers of Comtech EF Data Corp., which is part of Comtech's Commercial Solutions segment, have installed, accepted and are now using the industry-leading Heights Networking Platform to support their business needs. Each of these customers are supporting different types of end users, with the first providing global connectivity for embassies, the second connecting domestic high-speed trains to headquarters and the third providing secure connections to centralized operations for international government use. These orders, which were received earlier in fiscal 2017, have an initial combined contract value of $1.6 million to date.

Thaicom Partners with Axiata to Connect Underserved Areas in Indonesia with HTS Coverage
May 2, 2017 - Axiata Business Services Sdn Bhd has signed a four-year, multi-transponder contract for leased capacity and teleport services with IPSTAR International Pte Limited (IPSTAR), a subsidiary of Thaicom Public Company Limited (Thaicom). The partners inked the deal for Axiata Business Services to purchase the remaining capacity on IPSTAR over Indonesia to deliver Axiata's operating company, PT XL Axiata Tbk, over 1 Gbps High Throughput Satellite (HTS) capacity for the provision of broadband services in Indonesia. According to the terms of the agreement, Axiata Business Services will use capacity of up to seven Ku-band shaped and spot beams on the IPSTAR-1 broadband satellite located at 119.5° east for the provision of broadband services in Indonesia, including broadband access direct to residential and enterprise premises, and cellular network backhaul.

Inmarsat's GX Aviation Inflight Broadband Enters Commercial Service with Lufthansa Group
May 2, 2017 - Inmarsat announced the commercial service introduction of GX Aviation with Lufthansa Group, the launch customer of its next-generation inflight broadband solution. Under a 10-year strategic partnership between Inmarsat and Lufthansa Group, approximately 300 Airbus A320 aircraft will be equipped with GX Aviation. To date, almost 80 of the aircraft installations have already been completed and GX Aviation can now be purchased on selected Lufthansa and Austrian Airlines short and medium haul flights. Lufthansa Group's low-cost carrier Eurowings is also set to launch its commercial services in the coming weeks. The commercial service introduction follows the completion of a test program, lasting approximately four months, during which performance targets were successfully met and feedback from passengers as well as Lufthansa Group cabin crew was extremely positive. Passengers can connect to GX Aviation using their personal devices via Lufthansa Group's FlyNet portal.

ST Engineering's Electronics Arm Completes Acquisition of SP Telecommunications Pte Ltd

May 2, 2017 - Singapore Technologies Engineering Ltd (ST Engineering) announced that further to its announcement dated 18 January 2017, its electronics arm Singapore Technologies Electronics Limited (ST Electronics) has completed the acquisition of a 51% equity interest in SP Telecommunications Pte Ltd (SPTel) for a purchase consideration of S$55m, following the receipt of regulatory approvals. Singapore Power Limited (SP) holds the remaining 49% equity interest in SPTel, which will be managed as a joint venture. With the completion of the acquisition, ST Electronics, SP and SPTel have entered into a shareholders' agreement to regulate the respective rights and responsibilities of ST Electronics and SP as shareholders of SPTel. SPTel owns, builds and operates communication and infrastructure services in Singapore. It owns an extensive network of fibre optic back-haul infrastructure and facilities. The combination of the Info-Communications Technology (ICT) expertise of ST Electronics and the assets of SPTel will enhance ST Electronics' capabilities in providing ICT solutions for government and enterprise customers.

nbn Second Satellite Makes Commercial Debut

May 2, 2017 - nbn, Australia's new broadband network, announced that the Sky Muster™ II satellite, launched last October from Kourou, French Guiana, is now fully operational and sharing the load alongside sister satellite, Sky Muster. Late last year nbn made the decision to re-purpose the second satellite previously slated as a dormant backup service, to one that actively shares the load. In doing so the company was able to double the capacity available to Australians connecting to nbn services via satellite and opened the door to greater data allowances than the original design allowed for. This decision also increases future product potential for health professionals and businesses.

Cobham SATCOM and WxOps Inc. Support Hawaiian's New EFB Program

May 2, 2017 - Leading manufacturer of satellite communication solutions Cobham SATCOM and WxOps Inc. have supplied systems and software to support Hawaiian Airlines new Electronic Flight Bag (EFB) program. To create the airplane-dispatch network called 'eFLIE', Hawaiian reached out to Cobham for the satellite communication terminals and WxOps for Command, Control, Communications & Computer (C4) systems. The Cobham SATCOM system provides a single channel of SwiftBroadband Safety with prioritized ACARS/FANS over IP. The system also provides a background IP channel used for dispatch and flight crews to exchange higher bandwidth data in interesting new ways. Hawaiian's EFB system was designed to create an information sharing network to enhance safety and fuel management in real time during all phases of flight.

Speedcast Contracts with Diamond Offshore for Managed Remote Communications Services

May 3, 2017 - Speedcast International Limited has secured a long-term contract with Diamond Offshore. Diamond Offshore, a leader in offshore drilling, is leveraging Speedcast's managed communications services across 10 rigs and one shore-based facility. Under the terms of the new agreement, Speedcast's service model yields increased flexibility for Diamond Offshore to better allocate bandwidth as the rig's communications requirements change and as Diamond Offshore's operations move from one region of the world to the next. Diamond Offshore's rigs – a combination of drill ships and semisubmersibles – are currently located across the Gulf of Mexico, North Sea, Brazil and Asia Pacific. Diamond Offshore's onshore facility and offshore rigs that are included in the agreement will receive fully managed voice and data communications services backed by Speedcast's proactive network monitoring and management.

Hughes Offers New Multi-band Transportable Manpack Terminal

May 8, 2017 - Hughes Network Systems, LLC (HUGHES) announced release of its new HM500 transportable terminal that enables rapid deployment by individual users for secure, portable communications. At a transport weight of less than 31 pounds, it exemplifies the growing market trend for manpack terminals – reduced Size, Weight and Power (SWaP) requirements. Designed with advanced commercial satcom technology for defense and public safety missions, the HM500 transportable terminal offers multi-band operation in a very lightweight ruggedized package using pre-configured settings over one of multiple frequencies, including Ku-, Ka-, Mil Ka- and X-band. Its simplified set-up, quick deployment and high data rates brings international users an ideal portable communications solution needed across a wide range of applications, from disaster relief to military operations.

COMSAT Awarded BPA to Provide DoD with Inmarsat's Global Xpress and BGAN Services Worldwide

May 8, 2017 - COMSAT announced the award of a Blanket Purchase Agreement (BPA) with the U.S. Department of Defense (DoD) to support global communication activities with Inmarsat's Broadband Global Area Network (BGAN) and Global Xpress capability. This commercial offering is an Internet Protocol (IP)-based mobile

communication service providing users with an integrated solution for voice, broadband data and streaming video at high-speed data rates through the use of hand-held or portable satellite terminals. As an Inmarsat value added reseller, COMSAT will meet the DoD's mobile, interoperable communication needs worldwide by delivering the capabilities of Inmarsat's fully managed, easy-to-use mobile satellite services to support mission-critical connectivity. Under this BPA, any government user will have easy ordering access to quickly establish worldwide connectivity with either BGAN or Global Xpress SATCOM as a Service, under a variety of data rate plans and even Global Xpress terminals.

Inmarsat and Cobham SATCOM Launch SwiftBroadband UAV Satellite Communications Service

May 8, 2017 - Inmarsat and Cobham SATCOM announced the launch of the Inmarsat SwiftBroadband unmanned aerial vehicle (SB-UAV) satellite communications service, intended for use with the Cobham SATCOM AVIATOR UAV 200 terminal. Unmanned aerial vehicles (UAVs) are the fastest-growing sector of the aerospace industry and governments are increasingly looking to harness the advantages that unmanned vehicles can provide. The rapid development in technology and subsequent increase in capability now sees governments deploying UAVs in operations as diverse as border protection, surveying, infrastructure inspections, emergency services and police surveillance.

Comtech Awarded $4.2 Million Contract to Provide Blue Force Tracking Aviation Terminals

May 8, 2017 - Comtech Telecommunications Corp. announced that its Maryland-based subsidiary, Comtech Mobile Datacom Corporation, which is part of Comtech's Government Solutions segment, has been awarded a five-year, Firm Fixed Price (FFP), Indefinite-Delivery/Indefinite-Quantity (IDIQ) contract for providing Blue Force Tracking ("BFT-1") Aviation Terminals to the Defense Logistics Agency (DLA). This contract is in addition to the previously announced $42.7 million contract to provide sustainment support for the BFT-1 program. Under this contract, DLA will procure Comtech's AVX-06-203 Aviation Satellite Communication Transceivers. This contract has a single Five (5)-year base period from April 20, 2017 through April 19, 2022 and a maximum value of $4.2 million.

Kratos and HawkEye 360 Collaborate for Spectrum Detection, Characterization, and Geolocation Services

May 8, 2017 - Kratos Defense & Security Solutions, Inc., a leading National Security Solutions provider, and HawkEye 360, announced a memorandum of understanding (MOU) to explore the potential of expanding Kratos' industry-leading carrier monitoring, interference detection and geolocation offerings with HawkEye 360's planned space-based RF detection and geolocation services. Under the MOU the companies will explore opportunities to augment Kratos' terrestrial-based sensor network capabilities with HawkEye 360's planned space-based RF detection and geolocation services. The combination of space and terrestrial sensors will benefit a wide array of customers by increasing the speed and accuracy of data analysis for industries as varied as broadcasting, transportation, military, public sector, manufacturing, and emergency response.

Elbit Systems Awarded a Contract to Provide Satellite-On-the-Move Systems to the IMOD

May 8, 2017 - Elbit Systems was awarded a contract to provide the Israeli Ministry of Defense (IMOD) with dozens of satellite-on-the-move (SOTM) systems. The contract is in an amount that is not material to Elbit Systems and will be performed over a two-year period. The ELSAT 2100 SOTM family of systems allows high data rate broadband capabilities to be available to land vehicles on the move. The systems can be installed on a variety of platforms and are unique in their small footprint and its advanced tracking capabilities, providing seamless communication even in difficult terrain. This solution allows on-the-move data communication anywhere, anytime, based on utilizing various communication satellites.

NSSLGlobal Launches its First Cellular/VSAT Hybrid System for Maritime Vessels

May 9, 2017 - NSSLGlobal launches its first-ever hybrid cellular/VSAT solution for maritime vessels, the Cellular Marine System. This service will complement NSSLGlobal's airtime VSAT offering, or other services such as FleetBroadband and Iridium Open Port, allowing seafarers accustomed to land services to transfer from satellite to mobile connectivity, while operating up to 25km offshore. Through NSSLGlobal's Cellular Marine System, maritime vessels can connect to robust, high-speed internet, with download speeds of up to 100 Mbit/s, for commercial and crew welfare broadband use. It is supported by a cellular roaming service, established through a major global cellular operator, and allows the customer to automatically transfer from satellite communications to 3G and 4G mobile connectivity as appropriate. The service helps customers to gain the most out of their on-board communication system when operating in coastal areas or waiting to get into harbor.

Cobham SATCOM Announces Successful Video Trials over AVIATOR UAV 200

May 10, 2017 - Cobham SATCOM has announced successful live video transmission trials over the AVIATOR UAV 200 low SWAP satcom terminal. Working independently with AnsuR Technologies in Norway and Barnard Microsystems in the United Kingdom, the satcom terminal has passed strategically important video data, a great value multiplier for BLOS UAV operational scenarios. Using Inmarsat's recently launched SB-UAV service, both companies have passed good quality live video over what is considered a very low bandwidth link for this type of application. The AVIATOR UAV 200 is a contended bandwidth 200 kbps all in one LRU solution operating on the Inmarsat SwiftBroadband network. With a single contract, no rain fade in L-band and global coverage excluding the poles, it leverages the proven reliability of the Inmarsat network to offer the lowest size, weight and power system of its type by a huge margin.

Inmarsat and Smart Africa Alliance Launch Digital Services across the Continent

May 10, 2017 - Inmarsat announced that, in conjunction with the government of the Republic of Rwanda, it is launching a series of digital service initiatives across the capital, Kigali, a city of more than one million people. As part of the digital services initiatives, Inmarsat today also signed a Memorandum of Understanding (MOU) with Rwanda's Ministry of Youth and ICT, which will facilitate closer cooperation and coordination between the Government of Rwanda and Inmarsat. The objective of the MoU is to develop a number of key ICT projects aligned with the Rwandan National ICT strategy. Under the Smart Africa Alliance, Rwanda is spearheading the smart cities agenda and will showcase the components of the smart city to over 300 city mayors from across Africa. The digital service pilots, which will be enabled through Inmarsat's world-leading satellite communications network, are scheduled to last up to 12-months in Kigali. The results of the lessons learnt during the pilots will be used to develop blueprints for a range of digital services initiatives that can be applied more broadly across Rwanda and in other African nations, in conjunction with the Smart Africa Alliance.

SKY Perfect JSAT and LeoSat Sign Strategic Partnership & Investment Agreement

May 11, 2017 - LeoSat Enterprises, which is launching a constellation of up to 108 LEO communications satellites that will provide the fastest, most secure and widest coverage data network in the world, has announced that SKY Perfect JSAT Corporation (SJC) has entered into an agreement to invest in LeoSat. With this agreement, SJC will be the first Asian satellite operator to pursue the development of low earth orbit capabilities. Entering into this investment, underlines SJC's strong belief in LeoSat and the unique attributes of its new low earth orbit network architecture which utilizes inter-satellite laser links to create an optical backbone in space, providing fiber-like low-latency and gigabit per second data delivery. The investment in LeoSat and the agreement to jointly market this new system allows SJC to pursue new business opportunities in the data and mobility markets in sectors such as telecommunications, multinational enterprise, maritime and government services by providing previously unavailable levels of network performance combined with worldwide reach and allows the company to further study the additional applications of low earth orbit communications in pursuit of its global ambitions.

Gilat's In-flight Modem Exhibits Unprecedented Performance in Gogo's Live Airborne Media and Investor Event

May 15, 2017 - Gilat Satellite Networks Ltd. announced that its in-flight connectivity (IFC) solution demonstrated unprecedented end-user throughput of over 100Mbps in Gogo's live airborne media and investor event. Gilat's airborne modem powers Gogo's 2Ku service and will be installed in over 1600 aircraft across more than 13 airlines, commencing this year. On May 9, 2017, Gogo hosted a major, high visibility industry event on their Boeing 737 test plane, the "Jimmy Ray." Analysts and media applauded Gogo's 2Ku system and Gilat's modem, which demonstrated over 100Mbps performance. This is acknowledged to be the highest performance ever achieved onboard a commercial aircraft, as well as demonstrating continuous service with excellent user experience. The test flight not only confirmed its noteworthy throughput and user experience, but also successfully demonstrated interoperability capabilities of Gilat's aero modem with the aircraft's Communication (IFEC) avionic system.

CopaSAT Selects LeoSat for LEO Connectivity Network

May 15, 2017 - LeoSat Enterprises has entered into a strategic agreement with CopaSAT, a world leader in highly reliable and secure satellite solutions to U.S Government and Military organizations, to market the fastest, most secure and widest coverage HTS data network in the world. The Military and Government sector relies on a number of key attributes when it comes to communications networks. Mission-critical operations require advanced sensor capabilities, bandwidth intensive applications and near real-time command and control and the proximity low earth orbit satellites have to the earth, provides the lower latencies and better data rates that are required to support these capabilities. With LeoSat's unique new architecture utilizing inter-satellite laser links, customers will

benefit from an optical backbone in space with fiber-like and full duplex gigabit per second data delivery. LeoSat also provides unprecedented security as the data is encrypted from end-to-end across one single network, with no terrestrial touch points. For military or civil government customers these attributes bring the advantages of increased precision, simplified infrastructure and therefore higher success rates for their missions.

Comtech EF Data Announces the General Availability of Heights™ Dynamic Network Access Technology

May 15, 2017 - Comtech EF Data Corp. announced the general availability of the Heights™ Dynamic Network Access (H-DNA) technology. With H-DNA, the Heights Networking Platform revolutionizes end user satellite Quality of Experience while providing unmatched efficiency. Heights Dynamic Network Access is a revolutionary, dynamic network access technology designed for the Heights Networking Platform's return links. It is fast, flexible and uncompromised, delivering unprecedented benefits to users, service providers and satellite operators alike. The culmination of new waveforms, enhanced bandwidth management algorithms and robust multi-layer Quality of Service (QoS) make this return access scheme highly dynamic and automatically able to react to real-time traffic demand, providing best fit solutions based on customers' service level agreements and network policies.

Thuraya Launches a Dual Mode Satellite & LTE Hotspot

May 16, 2017 - Thuraya Telecommunications Company announced the launch of the Thuraya WE satellite and LTE portable Wi-Fi Hotspot to meet the growing global demand for wireless data connectivity. Developed in collaboration with Beam Communications, Thuraya WE bridges the gap between satellite and GSM broadband services. It is the world's first dual mode Hotspot that keeps users in contact with family and friends, no matter where they are. The terminal facilitates seamless roaming for consumers, from satellite to terrestrial LTE services or vice versa, either via a Thuraya SIM card or a standard GSM SIM card from any of Thuraya's 395 worldwide GSM roaming partners, enabling users to utilize the most suitable option available. Weighing only one kilogram, Thuraya WE is compact, light and portable, and offers voice and data connectivity on-the-go. It transforms any area into a Wi-Fi Hotspot, allowing the connection of up to 10 smart devices within a radius of 100 feet or more.

Hughes Awarded Multi-Year Contract to Deliver Turnkey, Fully Managed IP Network

May 16, 2017 - Hughes Network Systems, LLC has been awarded a multi-year contract to implement and manage a global IP-based communications network for a major multinational organization. Under the agreement, Hughes will be responsible for the implementation, support and management of all elements of the network providing critical connectivity for more than 300 geographically diverse and remote monitoring sites in a large number of countries around the world. The fully managed, private IP-based network will primarily employ the industry-leading Hughes JUPITER™ System, including a mix of satellite and terrestrial MPLS links backed up by a combination of 3G/4G, IPVPN and BGAN technologies. As a fully redundant global service, it will provide highly resilient and secure connectivity from remote monitoring sites to the organization's headquarters, including individual site redundancy across the network.

RSCC and Romantis Boost the Volume of Services in the Middle East, and in Central and South Asia

May 16, 2017 - The Russian satellite operator RSCC and the Romantis group of companies have reached an agreement on the use of the steerable beams of the Express-AM7 and Express-AM22 spacecraft in the region of the Middle East and Central and South Asia. The capacity of the two Russian satellites will be used for video, occasional use services, VSAT networks and communications on the move. The coverage zone of the Ku-band steerable beam of Express-AM7 spans the entire territory from the Middle East to South Asia, and the satellite payload has excellent power characteristics. Location at 40 degrees East makes the proposed combined solution based on the Express-AM7 spacecraft highly applicable for the development of video and data services, including mobile. In addition to the Express-AM7 spacecraft, Romantis offers the use of the Express-AM22 spacecraft, a satellite on an inclined orbit currently located at 80 degrees East, to customers who need communications services on mobile objects.

ORBIT Signs Framework Agreement for Multiple Ground Stations Tracking LEO and MEO Satellites

May 17, 2017 - Orbit Communications Systems Ltd., a leading provider of precision tracking-based communications solutions and airborne audio management systems, announced that it signed a framework agreement with a global leader in emergency readiness and response for multiple ground stations tracking LEO and MEO satellites. Initial orders for Orbit's Gaia 100 remote-sensing systems have been received for search and rescue applications in Europe and Southeast Asia, with deployment expected in 2017. Gaia 100 is a small-footprint, high-performance series of remote-sensing ground stations for real-time data capture from LEO or MEO satellites.

Speedcast Secures Multiple Professional Services Contracts with Oil and Gas Operators

May 18, 2017 - Speedcast International Limited has secured four new contracts for professional services with oil and gas operators in the North Sea and Asia-Pacific region. In the North Sea, Speedcast will provide engineering and systems integration support through the testing and commissioning of various equipment including public address and general alarm (PA/GA) systems, closed-circuit television (CCTV), ultra high frequency (UHF) and very high frequency(VHF) radios, Global Maritime Distress and Safety System (GMDSS), and radar and aeronautical navigation beacons during the final part of a shipyard fit-out phase before providing ongoing support during the critical period from sail-away to first oil. The team will then execute a full handover to the operator to complete the contract. Additionally, Speedcast has expanded its professional services role with two major operators in the North Sea to complement and provide network support to the specialist teams who it already supports through radio operator, telecom technician and project/service delivery positions. Finally, Speedcast will provide engineering resources to another large oil and gas operator to help commission the telecommunication services on a new platform in Malaysia.

Agreement Reached with Abertis on Sale of Eutelsat Stake in Hispasat

May 19, 2017 - Eutelsat Communications and Abertis Group have reached an agreement on the sale of Eutelsat's 33.69% stake in Hispasat to Abertis. It follows the initiation of the process in July 2016 when Eutelsat exercised the put option granted in 2008 by Abertis, Hispasat's majority shareholder. The agreed price for Eutelsat's stake is €302 million, representing an EBITDA multiple of 7.1x based on Hispasat's 2016 results. The closing of the transaction is subject to Spanish government approval and other customary conditions precedent, and is expected in the second half of calendar year 2017. The divestment of the stake is consistent with Eutelsat's strategy of rationalizing its portfolio of assets in order to maximize cash generation.

Pakistan's Supernet Commitment on Intelsat Epic to Enhance Connectivity for Remote Areas

May 21, 2017 - Intelsat S.A. announced that Supernet Ltd., Pakistan's leading satellite network service provider and systems integrator, is introducing new services provided via the Intelsat 33e satellite. Supernet, one of the first companies in the Asia-Pacific region to commit to the Intelsat Epic[NG] platform, migrated networks onto Intelsat 33e shortly after the satellite entered service in late January 2017. Leveraging the improved performance and throughput provided by Intelsat 33e, Supernet has enabled business continuity as well as providing expansion opportunities throughout Pakistan. The Intelsat Epic[NG] platform not only brings efficiency and savings to existing 2G networks of the Mobile Network Operators but provides them with a viable solution for expanding 3G/4G services into remote areas. For a host of other verticals, such as government, oil and gas, mining, and power, the system integration capabilities of Supernet and Intelsat 33e is empowering the extension of corporate VSAT and enterprise network services.

Intelsat and Telkom Join Forces to Expand Broadband Connectivity across Indonesia

May 21, 2017 - Intelsat S.A. and PT Telekomunikasi Indonesia, Tbk (PT Telkom), Indonesia's largest satellite telecommunications services company, announced they have entered into a collaboration agreement designed to provide options as the companies explore new opportunities to serve a region with expansive needs for broadband connectivity. Under the new, multi-year agreement, Telkom has relocated the Telkom-2 satellite to Intelsat's 157° East orbital location, where it will be co-located with Intelsat 5. This move allows Telkom to efficiently manage its satellite fleet while expanding its use of Intelsat services to complement PT Telkom's network. The two satellite operators will also analyze the potential to expand services at 157° East.

Hughes JUPITER System Selected for National 'Digital India' Initiative

May 22, 2017 - IPSTAR International, a premier Asia- Pacific telecom company and wholly owned subsidiary of satellite operator THAICOM Public Company Limited, has chosen the JUPITER™ System from Hughes Network Systems LLC, (HUGHES) to extend the reach of broadband throughout India. IPSTAR will operate the JUPITER System over the THAICOM 4 high-throughput satellite (HTS) in India, enabling government-owned service provider BSNL (Bharat Sanchar Nigam Ltd.) to offer fixed and mobile services as part of the government's "Digital India" initiative, raising the quality of life by extending broadband to rural and urban areas across the country. New JUPITER-powered services will be five times faster than any satellite Internet access currently available in India, offering speeds up to 100 Mbps. It will also be the first deployment of the highly bandwidth efficient DVB-S2X standard in India.

Newtec Dialog Delivers Improved Backhaul Connectivity in Mauritania

May 22, 2017 - Newtec announced the successful commercial deployment of a Newtec Dialog® multiservice platform to provide cellular backhaul for Mattel, Mauritania's leading mobile operator. Working with its certified

business partner GLOBAL Technologies, Newtec has installed a Newtec Dialog Hub and has deployed several remote sites across the Mauritanian nation in record time. This network will initially deliver 2G mobile connectivity, but will soon provide 3G/4G services to areas underserved by terrestrial networks. Mattel is also leveraging Newtec's unique Mx-DMA® bandwidth allocation technology on board the Newtec Dialog platform, enabling services to be delivered with the efficiency of SCPC and the flexibility of MF-TDMA, reducing operational costs while increasing reliability. Satellite capacity for the project is being provided by the EUTELSAT 8 West B satellite which was launched in 2015.

ViaSat and AirSatOne Partner on Bringing In-flight Connectivity to Large Cabin Business Jets

May 22, 2017 - ViaSat Inc. announced AirSatOne, a satellite communications (satcom) service provider for aviation, has become a new reseller partner for the ViaSat in-flight internet service to large-cabin, business aviation aircraft. AirSatOne will offer competitive airtime packages and provide support for aircraft operators. ViaSat is a trusted brand in the business aviation market, offering world-class connectivity solutions for over a decade. The Company offers innovative in-flight internet products that let business travelers be more productive and entertained in the air; a commitment to customer service; and a mature, reliable network. AirSatOne will have immediate access to resell ViaSat's range of business aviation products that deliver coverage to more than 90% of the world's most popular flight paths, ensuring optimal user experiences over the most congested travel routes.

SES Launches New Hybrid Resiliency Service and Goes Live with First Customer, Palau Telecoms

May 22, 2017 - SES announced a new hybrid resiliency platform to serve the specific needs of telcos, mobile network operators, enterprises and maritime connectivity providers. Internet services provider Palau Telecoms is already enjoying the exceptional performance of the seamless solution supporting business continuity and profitability. The new solution represents fully-managed 'bandwidth-on-demand' connectivity, with intelligent routing and resiliency. Unique to SES, the multi-orbit approach, which leverages the wide coverage capabilities of Geostationary Earth Orbit satellites and the innovative high throughput capabilities of Medium Earth Orbit satellites, allows virtually 100% availability of services. The fully managed solution is currently available in the Asia-Pacific region, and is provided though a platform equipped to support the most reliable and high performing networks across orbit-diverse connections. The service is planned for rollout across further regions, and complements the site Diversity intelligent routing capability already successfully deployed for many SES Networks customers.

Hughes Announces Managed SD-WAN Solution for the Public Sector

May 22, 2017 - Hughes Network Systems, LLC introduced the Hughes Software Defined Wide Area Network (SD-WAN) solution for the public sector, joining its comprehensive suite of HughesON™ managed services for multi-site organizations. The Hughes Managed SD-WAN helps to overcome many current network challenges with significant benefits compared to legacy dedicated networks, including cloud readiness, high performance, higher network and application availability, increased network flexibility and cost savings. It leverages innovative Hughes ActiveTechnologies™ to transform ordinary broadband connections into enterprise-grade high performance WANs, including support for demanding applications such as VoIP and video.

Boeing Taps ViaSat's Small Tactical Terminal for the U.S. Marine Corps

May 22, 2017 - ViaSat Inc. received a contract from The Boeing Company to deliver its KOR-24A Small Tactical Terminals (STT) for integration onto Boeing's AV-8B Harrier attack aircraft for United States Marine Corps (USMC) and international customers. The contract is worth approximately $20M including exercisable options. The STT was competitively selected as providing the best value to Boeing and its U.S. Government customer based upon its capability, product maturity and proven reliability as the only small form factor Link 16 and Soldier Radio Waveform (SRW) capable aviation terminal fielded in the world. The STT will enable the USMC's Harriers to better coordinate their activities with other U.S. and allied aircraft as well as with U.S. and allied ground forces using both Link 16 and SRW networks in order to more rapidly engage enemy targets and to do so with reduced risk of fratricide or collateral damage.

Thaicom Introduces NITRO RAN Optimizer Solution

May 23, 2017 - Thaicom Public Company Limited announced the introduction of a series of Radio Access Network (RAN) optimizers to enable satellite service providers to cost-effectively optimize high-throughput 4G/LTE data and voice traffic to unserved and underserved areas using a single-box solution. Thaicom is one of the leading providers of cellular backhaul over satellite service to Mobile Network Operators (MNOs) in Asia Pacific. With the introduction of the RAN optimizers NITRO30 and NITRO100, Thaicom is rounding out its end-to-end cellular backhaul service portfolio. The Thaicom NITRO30 and NITRO100 cellular backhaul optimizers

enhance IP traffic over Radio Access Networks (RAN) for improved service quality and boost network performance of 4G/LTE cellular networks and increase throughput by up to 50 percent depending on traffic. The solution helps Mobile Network Operators (MNOs) gain from bandwidth usage efficiency and reduced backhaul costs by a significant margin. Thanks to the software based design of the NITRO30 and NITRO100, the units can be integrated into 3rd party modems as a virtual machine. The NITRO100 offers up to 100Mbps download and 20Mbps upload speeds – while the NITRO30 enables download speeds up to 30Mbps and 10Mbps upload.

SES Networks and Patrakom Enhance Connectivity in Indonesian Waters

May 23, 2017 - SES and Patrakom, a leading provider of telecommunications and network solutions in Indonesia, announced a partnership to provide seamless, high-speed connectivity to passenger vessels and oil barges traversing domestic routes in Indonesia. As part of a multi-year agreement, SES Networks and Patrakom will be providing connectivity for over 80 vessels via SES-9 located at 108.2 degrees East. SES-9 is SES's largest satellite for Asia-Pacific, and has a powerful mobility beam to provide coverage for vessels sailing across the East Indian Ocean. The newly-created highly customer focused data division SES Networks is leveraging the extensive infrastructure, networks and operations to better meet the distinct needs of SES's customers. The SES Networks business unit allows SES to deliver increasingly differentiated satellite-enabled solutions for data-centric segments, one of them being Mobility.

Inmarsat Provides Boeing Business Jet Customers with Jet ConneX Global Inflight Wi-Fi Service

May 23, 2017 - Inmarsat announced that its next-generation Jet ConneX inflight wi-fi service is now available to a growing number of Boeing Business Jet customers worldwide using the advanced Lufthansa Technik Two-In-One Solution (TIOS) radome. The TIOS radome, which connects to Jet ConneX using exclusive JetWave hardware produced by Inmarsat partner Honeywell, was recently type approved for Boeing Business Jet 3 (based on the Boeing 737-900ER aircraft). In addition, it has already been approved for Boeing Business Jets 1 and 2, which are based on Boeing's 737-700 and 737-800 aircraft respectively. TIOS has been specifically developed by Lufthansa Technik to accommodate two antennas in one radome, using an innovative space-saving tail-mounted assembly that reduces drag and noise. Operators also benefit from reduced installation and operational costs.

iQ Desktop Remote and Intelligent Gateway Offer Significant Boost in Performance and Efficiency

May 23, 2017 - VT iDirect, Inc. announced the start of live testing of its new iQ Desktop remote, Intelligent Gateway and DVB-S2X software (iDX 4.0) in large-scale fixed networks. This launch phase follows the recently conducted Over-the-Air (OTA) tests of the iQ Desktop with Inmarsat, Intelsat and SES, consistently achieving efficiency gains of 5.7 bps/Hz. The iQ Desktop supports a full range of DVB-S2X MODCODS up to 256APSK 3/4 and aggregate throughput up to 200 Mb/s. The initial release of the iQ Desktop is targeted for large-scale fixed networks for broadband, education and enterprise applications. Through a software upgradeable design, the iQ Desktop enables service providers to license additional throughput and mobility capabilities to meet growing end-user needs, while extending the deployment life of the remote.

Global-IP Selects Hughes JUPITER System to Bring High-Performance Broadband to Sub-Saharan Africa

May 23, 2017 - Hughes Network Systems, LLC announced that its JUPITER™ System has been selected by Global-IP Cayman as the technology platform to enable its mission of bringing high-performance connectivity to mobile devices used throughout the Sub-Saharan Africa region. The JUPITER System will be used to provision 100 percent of the capacity on Global-IP's GiSat-1 150 Gbps high-throughput satellite (HTS). Hughes will supply 11 gateway stations in Europe using a centralized architecture for routing traffic in and out of the Internet, as well as its powerful HT2500 and HT2600 terminals, including Wi-Fi access. The JUPITER System is the first VSAT platform to support the DVB-S2X standard, widely recognized as the most bandwidth-efficient in the marketplace, yielding strong operating economics for Global-IP.

Inmarsat and IMSO Collaborate to Enhance Maritime Safety in Vanuatu

May 24, 2017 - Five Inmarsat Fleet One units are being used in a pilot initiative that aims to bring change to the way ships that connect island communities in the Pacific archipelago of Vanuatu communicate. The International Maritime Organization (IMO) endorsed capacity-building pilot program is the result of co-operation between the International Mobile Satellite Organization (IMSO) and the Government of Vanuatu, under the leadership of the Ambassador of Vanuatu to the IMO. Waterborne transportation plays an indispensable role in the day-to-day life of states relying on maritime transportation that includes small island states. The Vanuatu archipelago, for instance, stretches 1,300km from north to south and comprises 82 small islands, of which 65 are inhabited.

Airbus Further Extends Channel Partner Program for Military Satellite Communications in Asia

May 24, 2017 - Airbus has added Planet Communications Asia Public Co., Ltd. (PlanetComm) to its channel partner program for Skynet 5 military satellite communication services and expanded the partnership with Speedcast. Under this channel partner agreement, both PlanetComm and Speedcast will be offering Skynet X-band and UHF services as part of their extensive satellite communications portfolios. Speedcast has been delivering tactical secure communications services to the Australian and New Zealand governments since September 2016 and the partnership has now been extended to cover customers in the Philippines. In addition, on behalf of Airbus, Speedcast manages the Asia anchor station facility for the Skynet 5A military satellite, based at Speedcast's teleport in Adelaide, Australia. The newly signed partnership with PlanetComm covers Thailand, and expands their product offering into the military market. Airbus continues to work with service providers to develop new partnerships to deliver highly resilient Skynet military satellite communication services to the Asia Pacific region, following the move of its Skynet 5A satellite from 6° East to 95° East to provide global X-band and UHF coverage in this region. Since the move of Skynet 5A in September 2015, Airbus Defence and Space has signed ten channel partner agreements with companies in the Asia Pacific region and in the USA.

Inmarsat and BSNL Open Indian GSPS Satellite Gateway

May 24, 2017 - Inmarsat and its strategic partner BSNL officially opened a new Indian GSPS Gateway, which will enable Indian government and private sector customers to access highly reliable satellite phone (satphone) services via Inmarsat's fourth generation constellation. Under licence from India's Department of Telecommunications (DOT), the new GSPS gateway, located in Ghaziabad, Uttar Pradesh, will enable BSNL and Inmarsat to meet the most demanding requirements of satphone users throughout the country. The launch of the new gateway also marks a further step towards Indian Prime Minister Narendra Modi's Digital India initiative. It will enable the Indian Government to provide secure communications to defence services, commercial enterprises, the maritime industry and India's remotest communities.

Speedcast and COMSAT Partner to Deliver Secured Ku-Band VSAT Services to Government and Maritime Industries

May 25, 2017 - Speedcast International Limited has signed an agreement with leading government satellite connectivity provider COMSAT to establish a common global service offering of Ku-band very small aperture terminal (VSAT) services for the government and maritime markets. The combined network will leverage Speedcast's greater than 8 GHz of global satellite capacity and COMSAT's security-cleared teleports in the United States to deliver a robust, secure network for customers needing advanced, resilient connectivity for critical operations. COMSAT will provide teleport and hosting services at their owned teleports in various U.S. sites, as well as hands-on technical and engineering assistance to help interconnect and migrate network segments. Through this partnership, government customers will have access to the largest private iDirect Bandwidth network accessed from teleports and terrestrial nodes in NATO/Five Eyes nations. Support staff and facilities are Information Assurance (IA) certified and cleared, ensuring necessary security for government furnished equipment (GFE) baseband. Commercial customers will benefit from the cost and operational efficiencies of highly scalable service plans and access to the world's largest iDirect network, combined with superior customer support and network security measures.

Satcom Global Completes Rapid Rollout of Aura VSAT across Parakou Fleet

May 25, 2017 - Leading Singapore based ship management company, Parakou, has selected Satcom Global Aura VSAT for installation across its fleet of tankers. The global Ku-band VSAT service is now live on eight vessels, following an eight week rapid installation program in Asia and the USA, delivering high bandwidth quality communications for business and crew use. Operating in a time sensitive market, with vessels trading globally and at short notice, Parakou required a reliable communications solution offering full ocean coverage and guaranteed bandwidth. Satcom Global is meeting Parakou's need head on with Aura; a global unlimited data service supported by CIR (Committed Information Rate), ensuring dedicated bandwidth at all times, benefiting both vessel operations and crew communications. Satcom Global's installation process combines the expert knowledge of their in-house team of engineers, along with a strategic partnership with Intellian, ensuring that Satcom Global has dedicated access to Ku-band hardware at all times; including Intellian v100 antennas and the Aura rack which is also manufactured at Intellian's Global facilities. This arrangement enables a fast and seamless global distribution service to meet tight customer deadlines and installation requirements.

Alaska Communications Signs MoU with OneWeb to Become the First Reseller in Alaska

May 25, 2017 - Alaska Communications has signed a non-exclusive memorandum of understanding (MOU) to become the first reseller of OneWeb enabled broadband access in Alaska. Starting in 2019, this new high-speed,

low latency broadband service will be available to every Alaska home, school, business, and community center. OneWeb's system is unprecedented in scale, including 900 ultra-high throughput Low Earth Orbit satellites capable of providing more than 7 Tbps of new global capacity. Even more unique is that OneWeb is specifically designed with a polar orbit to ensure coverage of 100 percent of the United States, including Alaska which has historically, because of its high latitude, had poor coverage from the satellite industry.

BAE Systems Wins A$30M Deal for Australian Navy Satellite Communications Upgrade

May 28, 2017 - BAE Systems Australia has won a four-year, $30 million deal to upgrade satellite communication terminals for the Australian Navy. The upgrade will be undertaken at BAE Systems facilities at Edinburgh Parks in South Australia and North Ryde in Sydney and will result in the creation of up to 20 new jobs. The upgrade is an extension to BAE Systems Australia's existing Maritime element of the Advanced SATCOM Terrestrial Infrastructure System, or MASTIS, support contract. The upgrade is expected to deliver a substantial increase in ship data capability as well as aircraft and land-based platforms, even under heavy interference. The MASTIS terminals are equipped with two antennas capable of transmitting and receiving in X and Ka-bands simultaneously and are able to connect to two different satellites at the same time.

Cobham Unveils First SAILOR Terminal for Iridium Certus

May 31, 2017 - The SAILOR 4300 is a Broadband Core Transceiver (BCX) type terminal, offering a highly reliable link over the Iridium NEXT satellite network with speeds suitable for data-heavy applications including; videoconferencing, multi-user Internet/VPN, IoT and telemedicine, alongside regular usage including email, electronic forms/reporting and crew communication. With the first customer shipment expected by the end of 2017, Cobham SATCOM's new Iridium Certus Connected terminal will be among the first available for operation on the Iridium NEXT constellation. Like Iridium's current satellite constellation, Iridium NEXT features a cross-linked Low-Earth Orbit (LEO) architecture, providing coverage over 100 percent of the earth's surface. Iridium Certus will guarantee high bandwidth connectivity as a primary channel or as an integral part of multi-band communication networks. While delivering high-speed, global connectivity as a standalone terminal, SAILOR 4300 has also been designed for seamless integration with onboard communication networks, making it an ideal solution for VSAT service providers to provide a cost-effective, high-speed secondary/back-up communications channel. SAILOR 4300 provides this capability using a specially designed, easy to configure VSAT integrator 'smart box'.

Independent Testing Confirms Intellian Compact V65 Antenna's Performance

May 31, 2017 - Intellian Technologies, the world's leading provider of maritime satellite antenna systems, announced that its v65 Ku/Ka band convertible satellite communications system has been independently tested by satellite communications service provider Marlink and exceeds all expectations in terms of performance efficiency on the company's newly launched 60cm global network. These results represent a significant breakthrough in redefining expectations of what constitutes fast and reliable onboard connectivity for data dense applications through a compact VSAT system. The enhanced efficiency of Intellian's v65 system when used in conjunction with today's High Throughput Satellites reflects a genuine advancement in capability. Testing was carried out on the Marlink Network using Intelsat 33e, the newest Intelsat Epic[NG] satellite to provide high throughput satellite Ku-band coverage to the EMEA region, to determine maximum throughput levels. Marlink concluded that Intellian's v65 VSAT system, combined with the global coverage of Marlink's Sealink VSAT and the advanced capabilities of the IS-33e high throughput satellite, allows ship owners access to high-end service packages that create opportunities to reduce cost, maximize uptime, and increase profitability.

BROADCASTING

Av-Comm Supplies Advanced Equipments and Network Management System to Leading Australian Public Broadcaster

May 2, 2017 - Av-Comm signed a $2 million contract to supply, install, and maintain up to 28 high-power Ku Band Solid State Amplifiers and complimentary Network Management System for a leading Australian public broadcaster. Av-Comm will deploy Agilis Satcom's 150W-250W GaN advanced high power Ku band solid state amplifiers to augment and upgrade the broadcaster's existing satellite communications infrastructure to support future operational and market demands. Additionally, Av-Comm will integrate and maintain the Agilis Real Time Adviser Network Management System for a period of at least five years. The Agilis Real Time Adviser will provide a centralized web-based monitoring and control interface allowing seamless visibility of the broadcaster's entire satellite uplink and downlink chains including integrated spectrum analyzers to prevent co-illumination of satellite slot capacity.

Nepal's DTH Dish Media Networks Further Upgrades Capacity on AMOS-4 Satellite

May 4, 2017 - Spacecom announced that Nepal's Dish Media Network has furthered its long-term association with AMOS-4. Located at the 65°E prime orbital position, AMOS-4 provides Dishhome with substantial satellite capacity enabling the DTH provider to expand its SD and HD channel services. Founded in 2009, Dish Media Network Pvt. Ltd. is the only DTH operator with distribution covering all of Nepal. One of Nepal's fastest-growing operators in the broadcast and transmission services industry for digital television channels, Dishhome's capacity on AMOS-4 is contracted for the satellite's lifetime.

Ethiopia's INSA Agency Selects Eutelsat for New Ethiosat TV Platform

May 10, 2017 - Ethiopia's Information Network Security Agency (INSA), in charge of the transformation of the country's high-tech and security industry, announced the launch of Ethiosat, its new TV platform. INSA has inked a multi-year contract with Eutelsat Communications for capacity at its 7/8° West neighbourhood, the pole position for satellite TV in the Middle East and North Africa. Launching with nine national channels, Ethiosat will progressively ramp-up with additional content. Ethiopia's national satellite TV landscape currently features more than 30 channels that broadcast from multiple satellites. The new platform offers licensed channels the opportunity to broadcast in a single platform, ensuring easy reception for TV homes across the country and accelerating digital take-up.

Amagi and STN Announce Partnership Benefiting TV Networks Globally

May 10, 2017 - Amagi, a leader in cloud-managed broadcast services and targeted advertising for TV and OTT, and STN, the Slovenia-based global teleport, announced a partnership that integrates services between the two companies. The partnership will benefit TV networks around the world, which can now rely on guaranteed compatibility between the Amagi SKYLIGHT cloud-managed broadcast services platform and STN's satellite uplink services for channel delivery and distribution. As a result of the partnership, TV Networks can deliver and manage their content from anywhere in the globe through Amagi's cloud-based SKYLIGHT platform and be seamlessly integrated with the STN teleport infrastructure reaching affiliates and consumers in Europe, Middle East, and Africa. Similarly, STN customers will be able to take advantage of all the benefits that SKYLIGHT offers over traditional managed playout, including end-to-end services encompassing content preparation, channel playout, content delivery, and monetization – built specifically to operate in the cloud for maximum efficiency and value.

Vimond Enhances Presence in Asia Pacific with Sydney Office

May 12, 2017 - Vimond Media Solutions announced the opening of its office in Sydney, following an expansion of business across the Asia Pacific (APAC) region. Already serving a wide range of regional customers, Vimond is focusing its resources on supporting the continued growth of its clients and bringing its modular OTT solutions to more APAC content owners, telcos and broadcasters. Vimond's momentum in the region has been building for several years, as it has provided the Vimond Platform to numerous customers, including Fox Sports, Optus in Australia, PLDT in the Philippines, and iflix in Malaysia. With Fox Sports, Vimond created a global streaming application for the Australian Football League (AFL), launching the service in time for the first-ever AFL Women's professional match in February 2017. In the previous year, Vimond collaborated with Optus on a new streaming video service Optus Sport. In 2015, Vimond provided managed services and operational expertise that enabled iflix to launch a SVOD service and become Southeast Asia's premier internet entertainment company.

MBC Starts Broadcasting MBC PRO Sports & MBC HD bouquet Exclusively on Arabsat

May 14, 2017 - MBC HD bouquet and MBC PRO SPORTS are being exclusively broadcasted via Arabsat Satellite fleet on the orbital position 26°E, with full coverage over the MENA & North Africa, switching off any broadcasting of these channels on other satellite operators over the middle East & North Africa. This shift comes as an incremental step for all MBC Channels to be broadcasted on Arabsat satellites based on the Strategic partnership agreement signed by Arabsat and MBC Group back on August 2016.

New Dutch DTH Platform Planned

May 17, 2017 - A new DTH platform, called Joyne, is set to launch on the Dutch market in July. The new satellite platform will compete head on with M7 Group's Canal Digitaal. Distribution will take place over the Eutelsat 9B satellite at 9 degrees East. The fledgling platform will issue more technical details, including the CA system to be used, during the coming weeks. Reception will be possible with all current satellite receivers equipped with a CI slot. According to Joyne, the Eutelsat 9 is a powerful satellite that will allow reception with small dishes of around 60 cm in the Benelux and across Europe. Should new subscribers also want to receive the FTA channels available on the Astra 1 position at 19 degrees East, Joyne will offer low-cost solution for dual satellite reception.

Televisa Powered by Newtec Technology

May 18, 2017 - Newtec, a specialist in designing, developing and manufacturing equipment and technologies for satellite communications, announced its DVB-S2X broadcast technologies are being used in Televisa's nationwide end-to-end primary distribution system, with its MCX7000 Multi-Carrier Satellite Gateways playing a key role. The latest Satcom transmission standard, DVB-S2X, enables Televisa to offer six HD channels and improved picture quality using a 36 MHz transponder. The MXC7000 can be used for efficient distribution to towers and headends, or in back-up for dense Direct-to-Home (DTH) HUB stations, resulting in OPEX and CAPEX savings. The 133 Mbaud modem is also suitable for broadcast contribution applications on standard and High Throughput Satellite (HTS) spotbeam transponders. Up to 51% additional bandwidth can be generated by the modem, which features multistream, as well as Newtec's Clean Channel Technology and its linear and non-linear pre-distortion technology Equalink 3, which is designed to compensate for the effects of imperfections in the filters and amplifiers of the satellite.

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ABS and the SOLAR Group Launch a New DTH Service in the Philippines

May 22, 2017 - ABS and the SOLAR Group, one of the largest content providers in the Philippines have formed a joint venture partnership to launch the first nationwide Free-to-View Direct-to-Home (DTH) television service in the Philippines. The new service will be available on C-band via the ABS-6 satellite covering the Philippines. Unlike most Ku-band DTH services, the C-band service will not be susceptible to rain degradation. The free-to-view platform is scheduled to launch in Q3 2017 and will host a bouquet of 40-50 high quality domestic and international channels. Content will include different genres of programming from general entertainment, music, movies, sports, lifestyle, infotainment, children's and local content. Unlike other pay TV services, consumers in the Philippines will only need to make a one-time purchase of an affordable DTH kit which includes a small parabolic antenna and decoder set-top-box (STB), and will be able to enjoy an array of digital quality and compelling programming with no monthly fees.

Intelsat and Globecast Partner to Expand International 24-Hour News Platform into the Americas and Asia

May 23, 2017 - Intelsat S.A. announced that Globecast signed a multi-year agreement with the company to distribute the English version of TRT World in high definition format to cable outlets in Asia and the Americas via the Intelsat 20 and Intelsat 21 satellites using IntelsatOne® terrestrial fiber and teleport services. Globecast is expanding its longstanding relationship with Intelsat to distribute TRT World content to Asia and Latin America on Intelsat's highly penetrated video neighborhoods. Intelsat 20, located at 68.5 East degrees, is the leading distribution and Direct-to-Home distribution platform serving Africa and the Indian Ocean region. Intelsat 21, located at 302 degrees East, is one of four satellites comprising Intelsat's powerful video neighborhoods serving the Latin America region.

M7 Group Boosts Broadcast Efficiency with Newtec

May 23, 2017 - Newtec announced its broadcast equipment has been selected by M7 Group for its new European Direct-to-Home (DTH) transmission sites. The award-winning MCX7000 Multi-Carrier Satellite Gateway selected by the M7 Group, comes with the latest transmission standard DVB-S2X on board, as well as Newtec's own efficiency improvement technologies, allowing M7 Group to save bandwidth. As a dense solution, the Newtec MCX7000 saves power and rack space. Using M7 Group's existing capacity more efficiently enables the media company to add more channels in the best possible quality on the same satellite transponders. Viewers receiving content via Media Broadcast Satellite GmbH's uplink in Usingen, Germany, will benefit from the new platform which is due to be installed later this year.

Arabsat Launches Euronews New Frequency on its Wide Coverage Satellite BADR-4

May 25, 2017 - Arabsat announced the launch of Euronews new frequency on its excellent wide coverage satellite BADR-4, to join other tier-1 regional & international news channels run on Arabsat BADR-4 News frequency 11996 MHz. Euronews' original frequency will remain active till the end of May-2017, while Arabsat viewers are informed about the change via Arabsat linear and non-linear media distribution network.

New Austrian HD Platform on Astra

May 25, 2017 - Austrian technical service provider ORS will launch a new HD platform on Astra (19,2° East) this summer. ORF Digital Direkt will enable satellite reception of the channels of Austrian public broadcaster ORF without a smartcard as the encryption will be software-based. Additionally, the ORF Digital Direkt households will be able to sign up for commercial channel package simpliTV SAT, also using cardless encryption, which will include the channels of RTL and ProSiebenSat.1 in HD quality among others. With the move, ORS expands the simpliTV brand used for its DVB-T2 platform to DTH satellite. The new platform will be a hybrid service also granting access to ORF's video-on-demand portal Flimmit as well as LTE internet. With the move, ORS – 60% owned by ORF and 40% by Raiffeisen group – will directly compete with the HD Austria platform operated by M7 on Astra. HD Austria contains more than 20 HD channels including RTL and ProSiebenSat.1. The new platform will be operated in parallel with the current, smartcard-based ORF Digital satellite platform which ORS wants to maintain until 2030.

Media Broadcast Satellite Provides Uplink Services on Eutelsat 9B for M7 Group

May 30, 2017 - Media Broadcast Satellite, the leading provider of broadcast satellite services and operator of one of the world's largest teleports in Usingen, will provide uplink services for all transponders on Eutelsat 9B at 9° East for the European pay-TV provider M7 Group from July 2017 onwards. This was announced today in Cologne by Media Broadcast Satellite at ANGA COM, trade fair and congress for broadband, cable and satellite. M7 uses this satellite position for the distribution of both local thematic and international TV packages to cable and IPTV networks in the German speaking markets. Through the Eutelsat 9B position, M7 serves more than 140 network partners and over one million viewers in the German speaking markets. The uplink services are provided for a total of nine DVB-S2 transponders carrying over 90 TV channels in both HD and SD quality. The switchover will take place as part of a coordinated transition period in July 2017 ensuring 100% availability of all offers and services at any time. In addition to the comprehensive uplink services, Media Broadcast Satellite will also provide further infrastructure services at the teleport in Usingen.

Burkina Faso Selects Eutelsat to Accelerate Nationwide Roll-out of Digital Television

May 30, 2017 - Eutelsat Communications announced a multi-year agreement for satellite capacity with Société burkinabè de télédiffusion (SBT), the public agency deploying DTT channels across Burkina Faso. Announced at Discop Abidjan, the new contract is a major step in the drive to accelerate analogue switch-off in Burkina Faso. Capacity leased on EUTELSAT 3B is already delivering approximately 20 channels[1] to 35 digital terrestrial transmitting towers deployed throughout Burkina Faso, enabling homes equipped with a digital decoder and a compatible TV set to benefit from digital quality content. In addition to favoring EUTELSAT 3B for nationwide free-to-air broadcasting, SBT has partnered with public broadcaster RTB to expand availability of public service content to Burkinabe residents and embassies in a broader footprint. Capacity on EUTELSAT 16A is extending access to RTB in Africa and EUTELSAT 9B in Europe.

LAUNCH / SPACE

Orbital ATK Completes Successful Development Test for the Orion Launch Abort System Motor

May 1, 2017 - Orbital ATK announced that it has completed another milestone in the development of the Attitude Control Motor (ACM) for NASA's Orion spacecraft Launch Abort System (LAS). Members of the NASA and Lockheed Martin team were on hand to witness the successful ACM test, which demonstrated the motor's power to steer the LAS during a mission-abort scenario. This recent test is part of a design, analysis and test series focused on qualifying the ACM for crewed-flight missions. Initial data from the test show the motor is very capable of fulfilling its critical role in the Launch Abort System. Orbital ATK has been working with Lockheed Martin and NASA to leverage the company's extensive advanced propulsion and controls capabilities deployed in other mission critical applications to provide steering thrust that can be reliably operated in an instant as part of the Orion crew-escape system. Orbital ATK also produces the main Launch Abort motor, providing the necessary thrust to pull the crew module safely away from the vehicle. These items have been in development for many years, and will be ready to support the first Space Launch System flight late next year.

Iridium Completes First-Launch Iridium NEXT Satellites Activities

May 2, 2017 - Iridium Communications Inc. has announced that the first set of Iridium NEXT satellites have been integrated into the operational constellation and are providing excellent service to Iridium customers. Prior to achieving this major program milestone, the new satellites went through a rigorous testing and validation process that demonstrated that they met all performance requirements and even exceeded many. The Iridium NEXT

satellites are already providing superior call quality and faster data speeds with increased capacity to Iridium customers. In addition, the Company has announced the targeted launch date for the second payload of ten Iridium NEXT satellites as June 29, 2017 with an instantaneous launch window. All planned Iridium NEXT launches will take place from SpaceX's west coast launch facility at Vandenberg Air Force Base (VAFB) in California, on Falcon 9 rockets.

Thales Alenia Space Plans to Build a New Automated Facility for Satellite Solar Panels.
May 2, 2017 - Thales Alenia Space announced that it will build a new facility in Hasselt, Belgium, dedicated to the automated manufacturing of photovoltaic assemblies (PVA), the electricity generating cells on satellite solar panels. With a global budget of around 20 M€, this first of its kind facility in Europe is intended to become the showcase of Thales Alenia Space for Industry 4.0 manufacturing. It complements well the activities of Leonardo's centre of excellence in Nerviano (Italy) for PVA manufacturing where photovoltaic assemblies for all the major European Space Agency (ESA) and Italian Space Agency (ASI) programs are designed and produced. The new industry 4.0 manufacturing facility will enable the Space Alliance and its shareholders to provide highly competitive PVA solutions for all satellites' segments.

Airbus Awarded Study Contract for Ground Segment of Syracuse IV
May 3, 2017 - The French defence procurement agency (Direction Générale de l'Armement) has awarded Airbus Defence and Space a contract to carry out preparatory studies and definition work for the future ground segment of the Syracuse IV satellite-based military telecommunications system. The results of this study will help prepare for the Syracuse IV ground segment construction phase, scheduled to begin in 2018. The purpose of this one-year study is to examine possible architectures for the Syracuse IV terrestrial network, as well as the new capacity required by the future system. It will scrutinize the pervasiveness of IP (Internet Protocol) technology and the exponential increase in the transmission-speed requirements of the Armed Forces in an ever more interconnected world, while at the same time maintaining security and a very high level of availability.

Thales Alenia Space to Provide Integrated Transponder for TeamIndus Moon Mission
May 3, 2017 - Thales Alenia Space has been chosen by TeamIndus to provide the Integrated S Band Transponder on board its Lunar Landing Spacecraft system to transmit video and images from the Rover. Thales Alenia Space is the world leader in space communications systems, with customers including space agencies and satellite manufacturers from around the world. TeamIndus is a private space exploration company out of India, building a spacecraft to land on the Moon in early 2018. The Spacecraft will deploy a Rover that will travel at least 500 meters, and transmit high-definition video and images back to Earth.

GMV Runs Test Campaign with the LUCID Rover
May 4, 2017 - GMV is leading the ESA-funded LUCID (Lunar Scenario Concept Validation and Demonstration) project, the aim of which is to evaluate the combination of necessary techniques and tools to allow a Lunar Prospector Rover (LPR) to operate efficiently within the environmental and operational constraints of the lunar polar region. Under this project GMV is now preparing a trial robotics platform to assess the use and combination of various necessary techniques and tools to ensure an autonomous robot works properly in the moon's south pole. These operations call for the development and testing of situational awareness techniques. The first trials of this complex autonomous system were carried out in late April in Madrid. For two weeks the future planetary exploration robot was put through its paces to vet and check all its systems, including optical cameras, stereovision systems and laser systems for reconstruction of 3D terrain models, night navigation systems and many more.

Arianespace Orbits Telecom Satellites for Brazil and South Korea
May 5, 2017 - Arianespace orbited two telecommunications payloads for Brazil and South Korea on the 78th consecutive success performed with its Ariane 5. Lifting off from the Spaceport in French Guiana, today's mission – designated Flight VA236 in Arianespace's numbering system – delivered an estimated payload lift performance of 10,289 kg. to geostationary transfer orbit. It carried SGDC (Geostationary Satellite for Communications and Defense) for VISIONA Tecnologia Espacial S.A. (on behalf of Brazilian operator Telebras S.A. and the Brazilian government); and KOREASAT-7, which will be operated by ktsat – a wholly-owned subsidiary of South Korea's KT Corp. Both SGDC and KOREASAT-7 were produced by Thales Alenia Space using its Spacebus satellite platforms. SGDC will be operated from an orbital position of 75 deg. West with Ka- and X-band transponders, providing sovereign and secure means for Brazilian government and defense strategic communications, as well as high-quality Internet services to 100 percent of the Brazilian territory as part of the National Broadband Plan. When located at the 116 deg. East orbital slot, KOREASAT-7 will be used for a full range of video and data

applications, including internet access, DTH, government communications and connectivity for VSAT networks. Its coverage area encompasses Korea, the Philippines, the Indochinese Peninsula, India and Indonesia.

GSLV Successfully Launches South Asia Satellite

May 5, 2017 - India's Geosynchronous Satellite Launch Vehicle (GSLV-F09) successfully launched the 2230 kg South Asia Satellite (GSAT-9) into its planned Geosynchronous Transfer Orbit (GTO). Launch of GSLV was its eleventh and took place from the Second Launch Pad at the Satish Dhawan Space Centre SHAR, Sriharikota, the spaceport of India. This is the fourth consecutive success achieved by GSLV carrying indigenously developed Cryogenic Upper Stage. In its oval shaped GTO, the South Asia Satellite is now orbiting the Earth with a perigee (nearest point to Earth) of 169 km and an apogee (farthest point to Earth) of 36,105 km with an orbital inclination of 20.65 deg with respect to the equator. South Asia Satellite is a communication satellite built by ISRO to provide a variety of communication services over the South Asian region. For this, it is equipped with Ku-band transponders.

SES-10 Satellite Fully Operational over Latin America

May 15, 2017 - SES announced that the SES-10 satellite is now fully operational at 67 degrees West and will be serving the thriving markets in the Latin America region. SES-10 was launched on 30 March 2017 from NASA's Kennedy Space Centre in Florida onboard a flight-proven SpaceX Falcon 9 rocket. The satellite is the first geostationary commercial satellite ever launched on a flight-proven first-stage rocket booster. SES-10 was built by Airbus Defence and Space and is based on the Eurostar E3000 platform. The multi-mission spacecraft is the first SES satellite dedicated to providing service to Latin America and has a Ku-band payload of 55 36MHz transponder equivalents, of which 27 are incremental. SES-10's high-powered beams will augment SES's capabilities across the region and will provide direct-to-home broadcasting, enterprise and mobility services to Mexico, Central America, South America and the Caribbean.

Inmarsat Confirms Successful Launch of Fourth Global Xpress Satellite

May 16, 2017 - Inmarsat has confirmed the successful launch of the fourth, high-speed broadband communications satellite in its transformational Global Xpress (GX) constellation. Inmarsat GX is the world's first globally available, broadband connectivity service and was created to enable communities across the world to benefit from the emerging digital society. Inmarsat-5 F4 (I-5 F4) was launched by SpaceX on a Falcon 9 rocket from the launch pad 39A at NASA's Kennedy Space Center in Florida. The launch team from Inmarsat and Boeing Network & Space Systems, the manufacturer of I-5 F4, are now raising the spacecraft to a geostationary orbit, at which point the satellite will deploy its solar arrays and reflectors, and undergo payload testing. I-5 F4 joins the three GX satellites already in orbit, which have, since December 2015, been delivering unprecedented service speeds, global coverage, reliability and security to users on land, at sea and in the air. The fourth satellite adds further capacity to the GX network, as well as in-orbit redundancy that further upgrades the reliability and resilience of Inmarsat's service offerings.

Dubai Space Centre Orders Environmental Monitoring Satellite from SFL

May 16, 2017 - The Space Flight Laboratory (SFL) announced the signing of a new contract to provide Dubai-based Mohammed Bin Rashid Space Centre (MBRSC) with a small microsatellite for aerosol and greenhouse gas monitoring. SFL's Next-generation Earth Monitoring and Observation (NEMO) platform technology, which incorporates high performance ground target tracking capability, is a key enabler for the mission. The DMSat-1 (also known as "AirWatch") satellite will leverage past developments at SFL for a rapidly developed mission that will incorporate two payloads. The primary payload is a multispectral polarimeter used to monitor aerosols – fine particles of liquid and solids in the upper atmosphere normally caused by man-made sources, but also correlating to natural phenomena such as dust storms. The secondary instrument is a pair of spectrometers that will enable MBRSC to detect greenhouse gases like carbon dioxide and methane over the United Arab Emirates.

China Great Wall Industry Corporation Signs Indonesia Palapa-N1 Communication Satellite Contract

May 17, 2017 - China Great Wall Industry Corporation (CGWIC), a subsidiary of China Aerospace Science & Technology Corporation (CASC), and Indonesia PT. Palapa Satelit Nusa Sejahtera (PSNS) signed the contract of Indonesia "PALAPA-N1" communication satellite project. PSNS is a joint venture company formed by PT Indosat, Tbk (Indosat Ooredoo), PT Pasifik Satelit Nusantara (PSN) and its shareholder. According to the contract, CGWIC is responsible for in orbit delivery of the PALAPA N1 satellite, which will be developed based on the mature Chinese DFH 4 bus and launched by Long March 3B launch vehicle from the Xichang Satellite Launch Center in China. CGWIC shall provide a package solution with the products and services to the client include the satellite, launch service, ground system, insurance and financing support. The PALAPA-N1 satellite is developed

by China Academy of Space Technology (CAST) that subordinated to CASC. It could provide broadcast and broadband services across Indonesia. The PALAPA-N1 satellite will be finally positioned at 113°E orbit slot to replace PALAPA-D in the geostationary arc. PALAPA-D satellite was launched by LM-3B launch vehicle from Xichang Satellite Launch Center in 2009.

Spaceflight Purchases an Electron Rocket from Rocket Lab
May 17, 2017 - Spaceflight, the company reinventing the model for launching small satellites into space, announced the purchase of a Rocket Lab Electron rocket to increase the frequency of its dedicated rideshare missions. The Electron is an ideal launch vehicle for dedicated and rideshare missions, especially those serving difficult-to-come-by launch destinations such as mid-inclination orbits for remote sensing satellites. In late 2015, Spaceflight began its dedicated rideshare launch service with the purchase of a SpaceX Falcon 9 and now expands the rocket partnership to Rocket Lab with the Electron. Dedicated rideshare for smallsats is a new launch alternative that blends cost-effective rideshare pricing (where several payloads share the same launch to a specific destination) with first-class service, typically associated with buying a private rocket. Spaceflight provides multiple launch options to ensure organizations can access space when they need to, at a much lower cost than buying their own launch vehicle.

Airbus Safran Launchers to Become ArianeGroup
May 17, 2017 - Airbus Safran Launchers, the joint venture created at the initiative of the Airbus and Safran groups in order to reorganize the European launchers sector, is to be known as ArianeGroup. The change in corporate name will be effective as of July 1, 2017. This change in identity, embodied in one of Europe's biggest successes, is the logical next step following the decision of the ESA Member States at the Ministerial Conference in Luxembourg on December 2, 2014, to create a new family of European launchers around Ariane 6 and to give greater responsibility to the industry under a new governance system. Just over two years after its creation by the Airbus and Safran groups in January, 2015, and less than a year after its finalization on July 1, 2016, the new company has reorganized the European launchers sector by redefining and implementing an efficient and optimized industrial organization. The new identity of Airbus Safran Launchers now reflects its existence as an international group, consistently strengthens the coherence of the image with its Arianespace subsidiary, and marks its total commitment to the current and future success of all its large-scale programs as well as its space equipment activities.

Arianespace Successfully Launches SES-15 – the First All-Electric Satellite for SES
May 18, 2017 - Arianespace has orbited the SES-15 telecommunications satellite for SES by Soyuz rocket. Liftoff took place on Thursday, May 18 from the Guiana Space Center (CSG), Europe's Spaceport in French Guiana. SES-15, the first all-electric satellite in the SES fleet, was built by Boeing using the all-electric 702SP platform. The payload includes wide beams in Ku-band, high-throughput capacity in Ku-band, and gateway connectivity in Ka and L-bands. SES-15 will provide aeronautical and maritime communications services, along with services for VSAT networks and governments. Positioned at 129° West, the satellite will cover all of North America, Mexico, and Central America – from Alaska to southern Panama, and from Hawaii to the Caribbean.

Teledyne e2v Delivers First Space-grade Commercial Processors to Thales Alenia Space
May 18, 2017 - Thales Alenia Space has gained a 10-times increase in the processing speed and power for its OBC, with the design and qualification process cut by up to four years, thanks to Teledyne e2v's expertise of transforming the latest commercial grade processors into spaceflight-ready models. In a first for a European mission, Teledyne e2v's re-engineered PC7448 microprocessors will be used at the heart of Thales Alenia Space's OBC that serve the Lightning Imager (LI) systems on EUMETSAT's next generation Meteosat geostationary meteorological satellites. Four Meteosat MTG-I satellites, scheduled for launch from 2019, will be equipped with LI systems that will place a major demand on their on-board computers to deliver the sensitivity and discrimination required for near real-time lightning detection over the Earth's full hemisphere. Teledyne e2v has helped Thales Alenia Space meet this challenge by re-engineering commercial grade PC7448 1.3 GHz processors in accordance with NASA's MIL-PRF-38535 Class Y (QML Y) quality standard that guarantees best-in-class reliability. Now, for the first time, Thales Alenia Space can utilize a microprocessor offering the same performance as the latest desktop PCs in a spaceflight-ready version capable of surviving the rigors of a 15-year mission.

Thales Alenia Space Earns Supplier Excellence Award from Korean Space Agency KARI
May 22, 2017 - The Korean Aerospace Research Institute (KARI) honored Thales Alenia Space with its Excellence Award as outstanding supplier. During the ceremony at KARI in Daejeon, South Korea, the award was

handed to Eduardo Bellido, CEO of Thales Alenia Space Spain. Thales Alenia Space in Spain has already developed and delivered the communications payloads for the two GEO-KOMPSAT-2 satellites, including the integration and testing of three communication panels, two for GK2A and one for GK2B. GEO-KOMPSAT-2 (Geostationary Earth Orbit Korea Multi-Purpose Satellite) is a key South Korean space program that will provide vital meteorological, oceanographic and environmental data for both government bodies and private end-users. The program comprises two satellites, GK2A and GK2B, each weighing about 3.5 metric tons, to be positioned at 128.2º East longitude in geostationary orbit. The two satellites are scheduled for launch in 2018 and 2019. GEO-KOMPSAT-2 is the latest program for which KARI has called on Thales Alenia Space to supply communications equipment and payloads. Other programs include the COMS-1 and KOMPSAT-3A satellites, both in orbit, and KOMPSAT-6 and CAS500, under development.

Successful Deployment of UPSat, the First Open Source Satellite

May 22, 2017 - UPSat, the first open source hardware and software satellite, was released in orbit by NanoRacks deployer from the International Space Station at 08:24 UTC 2017-05-18. After 30 minutes, UPSat subsystems commenced normal operations in orbit. The SatNOGS open ground station network started receiving telemetry signals from UPSat in several ground stations deployed globally shortly after its deployment. All subsystems are reporting nominal operations and the UPSat team is proceed with LEOP phase in preparation for the science phase of the mission. This successful deployment of UPSat in orbit marks an important milestone for open source software and hardware in space, making space technologies more accessible and open for all.

SES-14 Integrates NASA Ultraviolet Space Spectrograph

May 24, 2017 - SES announced the successful integration of NASA's Global-Scale Observations of the Limb and Disk (GOLD) hosted payload with SES-14. GOLD will employ an ultraviolet imaging spectrograph to measure densities and temperatures in the Earth's thermosphere and ionosphere in response to Sun-Earth interaction. It is aimed at revolutionizing scientists' understanding of this part of the space environment and its impacts on low Earth orbit satellite drag (a force acting opposite to the direction of motion, slowing the satellite), and ionospheric disruptions of communication and navigation transmissions. GOLD will take unprecedented images of the temperature and composition changes over a hemisphere. GOLD is a result of collaboration among several world-leading entities. NASA's Goddard Space Flight Center in Greenbelt, Maryland, is providing overall NASA program management, while the University of Central Florida's Florida Space Institute is the Principal Investigator for the project. The GOLD instrument was built and will be operated by the University of Colorado Boulder Laboratory for Atmospheric and Space Physics. Satellite operator SES and its fully-owned subsidiary SES Government Solutions are providing the host satellite, mission operations, and science data transport. The project was developed in close partnership with Airbus Defence and Space, the company which is building the SES-14 spacecraft for SES.

Boeing, DARPA to Design, Build, Test New Experimental Spaceplane

May 24, 2017 - Boeing and the U.S. Defense Advanced Research Projects Agency (DARPA) are collaborating to design, build and test a technology demonstration vehicle for the Experimental Spaceplane (XS-1) program. Boeing will develop an autonomous, reusable spaceplane capable of carrying and deploying a small expendable upper stage to launch small (3,000 pound/1,361 kg) satellites into low Earth orbit. Boeing and DARPA will jointly invest in the development. Once the spaceplane – called Phantom Express – reaches the edge of space, it would deploy the second stage and return to Earth. It would then land on a runway to be prepared for its next flight by applying operation and maintenance principles similar to modern aircraft. Phantom Express would offer an advanced airframe design as well as third-generation thermal protection to create a vehicle capable of flying at high flight velocity, while carrying a smaller, more affordable expendable upper stage to achieve the mission objectives. In the test phase of the program, Boeing and DARPA plan to conduct a demonstration of 10 flights over 10 days.

Rocket Lab Successfully Makes It to Space

May 25, 2017 - Rocket Lab, an American-New Zealand aerospace company, broke new ground when its Electron rocket reached space at 16:23 NZST. Electron lifted-off at 16:20 NZST from Rocket Lab Launch Complex 1 on the Mahia Peninsula in New Zealand. It was the first orbital-class rocket launched from a private launch site in the world. Today's launch was the first of three test flights scheduled for this year. Rocket Lab will target getting to orbit on the second test and look to maximize the payload the rocket can carry. At full production, Rocket Lab expects to launch more than 50 times a year, and is regulated to launch up to 120 times a year. In comparison, there were 22 launches last year from the United States, and 82 internationally. Rocket Lab's commercial phase will see Electron fly already-signed customers including NASA, Spire, Planet, Moon Express and Spaceflight.

Mitsubishi Electric Completes New Satellite Component Production Facility

May 31, 2017 - Mitsubishi Electric Corporation has completed construction of a facility that will double the satellite component production capacity of its Kamakura Works' Sagami Factory in Sagamihara, Japan. The new facility, Mitsubishi Electric's core production and testing site for solar array panels, structural panels and other satellite components, is expected to help grow Mitsubishi Electric's share of the global satellite market once production starts this October. The new facility will introduce a number of advanced manufacturing machines, such as high-precision machining equipment and automated welding machines, which will help the factory to double its production capacity. Existing machines currently dispersed throughout the factory will be concentrated in the new facility. The realization of seamlessly integrated production processes – from component and panel production to final testing – will further increase production efficiency, shorten production time, reduce costs and elevate product quality. This advanced new facility is expected to strengthen Mitsubishi Electric's flexibility and speed in adapting to global market demands.

EXECUTIVE MOVES

O3b Networks Names Chit Myatnoe Aung as Sales Manager for Myanmar

May 8, 2017 - O3b Networks, a wholly owned subsidiary of SES, announced that Chit Myatnoe Aung has joined O3b as Sales Manager, in Myanmar based in Yangon. The unique O3b satellite-based network enables fiber-equivalent connectivity, featuring high throughput rates and latency under 150ms, even in the most rural parts of the country where there are no plans to lay fiber and provides resiliency to critical services complementing fiber. Myanmar has seen remarkable growth over the last several years, with the country's internet demand growth rate surpasses all others in the region. Aung will work with in-country partners and customers to bring the transformational capabilities of the O3b systems to customers in the telecommunications space.

O3b Networks Appoints Rex Paura to Lead Growth in Papua New Guinea

May 8, 2017 - O3b Networks announced the hiring of Rex Paura as the company's Sales Manager for Papua New Guinea (PNG). Paura will be based in the country's capital city of Port Moresby. O3b provides high throughput, low latency broadband connectivity over satellite to even the most remote locations in the world where terrestrial fiber isn't present. Since O3b's first provided service to PNG in 2013, the use of its bandwidth in the country has exploded, increasing by 577%. Paura will continue to work closely with O3b's partners and customers in the country, ensuring continued growth and focus on the country's fixed and mobile internet needs.

ABS Appoints Paolo Pusterla as Managing Director of Europe

May 15, 2017 - ABS has appointed Paolo Pusterla as the Managing Director of Europe, a role created as part of its growth in the region. In this position, Paolo is responsible for leading sales and business development all across Europe. He is based in Geneva, Switzerland. Prior to joining ABS, Paolo has held various business development roles with EBU, where he was responsible for expanding the Eurovision network globally. He has also held various leading positions with Eutelsat and Inmarsat.

Mike Smith of SES Engineering Services Becomes New ECA President

May 18, 2017 - A highly respected electrical engineer and businessperson – Mike Smith of SES Engineering Services – yesterday (17 May) took over the presidency of the Electrical Contractors Association (ECA). Smith has held a variety of commercial roles at SES over the past 25 years, and is currently the firm's estimating and sector director. He has worked on projects totaling tens of millions of pounds, and has helped the business grow its turnover significantly during his tenure. Mike began his career as an electrical apprentice with Leeds-based R&I Harrison, joining the business straight from school. Mike was previously ECA senior vice president, and has held various roles within the association since 1999. He took over the presidency from Dave Kieft, who drove forward the ECA's agenda across the sector, and played a key role in bringing many industry bodies together in partnership.

REPORTS

Satellite Manufacturing & Launch Market to Generate $258 Billion in Next Decade

May 2, 2017 - NSR's Satellite Manufacturing and Launch Services, 7th Edition (SMLS7) report, released tomorrow, forecasts 2,356 satellites are expected to launch during the coming decade, with both GEO and non-

GEO satellite operators turning to diverse solutions to remain competitive with space-based and terrestrial players. NSR identified a growing focus on leveraging advanced technologies and new practices in optimizing satellite business cases across all satellite applications.

Nearly 50% of Commercial Aircraft to be Connected by 2021
May 4, 2017 - According to Euroconsult's newly released report, Prospects for In-Flight Entertainment & Connectivity, over 17,000 commercial aircraft will offer connectivity to their passengers by 2021, up from 6,500 aircraft in 2016. The report confirms that installations will accelerate, and innovation will largely improve the in-flight experience. New generation satellite systems (globally) and air-to-ground networks (in the U.S. and Europe) will dramatically increase available bandwidth. Industry leaders such as Inmarsat, Gogo, Intelsat, SES, ViaSat and new entrants such as SmartSky Networks invest in or have started to deploy networks offering up to hundreds of Gbps. IFC hardware, from receiving antennas to modems and in-cabin solutions, is also evolving rapidly. Honeywell, ThinKom, Gilat and Zodiac Data Systems for example introduced new antenna solutions in recent months.

Satellite Transponders Market Size, Share, Growth, Trends & Forecast by 2021
May 10 2017 - Orbis Research's the Global Satellite Transponders Market Research Report Forecast 2017-2021 is a source of insightful data for business strategists. It provides the Satellite Transponders industry overview with growth analysis and historical & futuristic cost, revenue, demand and supply data (as applicable). The research analysts provide an elaborate description of the value chain and its distributor analysis. This Satellite Transponders market study provides comprehensive data which enhances the understanding, scope and application of this report.

Satcom Onboard Aircraft Represents $32 Billion Revenue Opportunity
May 22, 2017 - NSR's Aeronautical Satcom Markets, 5th Edition report, forecasts in-flight connectivity (IFC) to be installed on 2 out of every 3 commercial passenger aircraft by the end of 2026. Driven by higher demand for broadband connectivity, this installed base will generate over $32 billion in revenue over the next decade, as air travel continues its rise around the world. The imminent start of service by highly-touted HTS will help meet the tall expectations of passengers for quality inflight connectivity (IFC) experience at the right price.

Government Spending in Space Programs Reaches $62 Billion in 2016
May 30, 2017 - According to Euroconsult's newly released research report, Government Space Programs: Benchmarks, Profiles & Forecasts to 2026, global space budgets totaled $62.2 billion in 2016, down 2% from the previous year. Governments launched 75 satellites, less than the historical peak of 2015 but in line with the last five year average. The number of countries investing in space is steadily increasing, with 70 countries in 2016, up from 47 a decade ago. In the coming years over 80 countries are planning to invest in space technologies and capabilities, showing that governments consider space a valuable investment to support their national socio-economic, strategic and technological development.

UPCOMING EVENTS

Global Space Exploration Conference (GLEX), 6-8 June 2017, Beijing, China, http://glex2017.org/

VIETNAM ICT COMM 2017, 7-9 June 2017, Ho Chi Minh City, Vietnam, www.ictcomm.vn

World Satellite Business Week, 11-15 September 2017, Paris, France, www.satellite-business.com/en

IBC 2017, 14-19 September 2017, Amsterdam, the Netherlands, www.ibc.org

ITU Telecom World 2017, 25-28 September 2017, Busan, Korea, http://telecomworld.itu.int/
ITU Telecom World 2017 in Busan, Republic of Korea, from 25 to 28 September, hosted by the Ministry of Science, ICT and Future Planning (MSIP). The event is the global platform where policy-makers and regulators meet industry experts, investors, and SMEs to exhibit solutions, share knowledge and network at the highest level. The event focus on global opportunities of smart digital transformation, including smart ABC (AI, Banking, and Cities) – five pillars: exhibition, forum, Awards, Business Matching, and side events.

SATCOMS 2017, 25-28 September 2017, London, U.K., http://events.theiet.org/satcoms/index.cfm

Satellite Innovation Symposium, 2-3 October 2017, Silicon Valley, CA, USA, https://satelliteinnovation.com/

APSCC 2017 Satellite Conference Exhibition, 10-12 October 2017, Tokyo, Japan, www.apscc2017com
China Satellite 2017, 25-27 October 2017, Beijing, China, www.china-satellite.org

Communic Indonesia 2017, 25-27 October 2017, Jakarta, Indonesia, www.communicindonesia.com

CASBAA Convention 2017, 6-9 November 2017, Macau, www.casbaaconvention.com

Asia-Pacific Regional Space Agency Forum (APRSAF-24), 14-17 November 2017, Bengaluru, India, www.aprsaf.org

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About APSCC
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