

Since our last SIA Member News Summary, press releases and posts from many SIA Members including ABS, Boeing, Hawkeye 360, Inmarsat, Omnispace, OneWeb, Planet, SES, SpaceX, Spire Global, ULA and Viasat have released news. Please see the summary of stories and postings below and click on the [COMPANY LINK](#) for more details.



Above: The ULA Vulcan Centaur launch platform (VLP) and Pathfinder Tanking Test (PTT) booster nears the ULA Spaceflight Operations Control Center located at the Cape Canaveral Space Force Station. For more details, see the information below. Photo credit: Image courtesy of ULA.

[ULA](#) On Feb 22nd, ULA posted the following blog announcement. “At ULA's Vertical Integration Facility (VIF) on Monday, Feb. 15, the Vulcan Centaur program achieved a significant milestone when the Pathfinder Tanking Test (PTT) booster was hoisted into place aboard the Vulcan Launch Platform (VLP). PTT is a flight configuration core stage that will complete validations of the launch site and later be used on a Vulcan Centaur launch into space.” Earlier in the month, a pathfinder first stage that will pave the way for Vulcan Centaur's inaugural launch arrived at Cape Canaveral from ULA's factory in Decatur, Alabama, to begin launch site testing of the next-generation rocket. The Pathfinding Tanking Test (PTT) booster, a flight configuration Vulcan Centaur core fitted with a pair of BE-4 development engines, was produced using the advanced automation and tooling in Decatur that is designed for maximum efficiency and reliability.

[INMARSAT](#) On Feb 24th, Inmarsat announced the appointment of Rajeev Suri as CEO replacing Rupert Pearce. Rajeev Suri, former Nokia CEO, will join the business and assume the role of CEO and become a director of Connect Bidco Limited, the holding company for Inmarsat, from 1 March 2021. Rupert Pearce will step down as CEO from 28 February 2021. Rajeev's most recent role was President and CEO of Nokia, a position he held for six years. Prior to that, he was the CEO of Nokia Siemens Networks for five years, a joint venture company that merged Nokia's and Siemens' networks businesses. Since stepping down in August 2020, Rajeev has worked in senior advisory roles with private equity firms Warburg Pincus and Apollo Global Management. Rajeev most recently led Nokia's leadership in 5G for communication service providers and successfully diversified Nokia into new business areas. He established an independent software business that became the leading telecom software business in the world, quadrupled the annual

recurring revenue run rate of the patent licensing business and led a new foray into large enterprise networks with double digit revenue growth over the last several years. Rajeev will be based in the UK.

SES On Feb 23rd, SES announced that four of the top five major cruise companies had entered into long-term strategic framework agreements, with the majority extending through 2026 and beyond, for services delivered over SES's next-generation O3b mPOWER communications system. These agreements will enable enhanced connectivity experiences onboard their current fleets as well as ships planned as part of their extensive new-build programs. The advanced connectivity solutions delivered by SES will elevate guest connectivity to provide an ultimate digital immersive experience, enabling more wearable technologies and unlocking more personalised services. This reflects a major trend across the cruise industry and the priorities of leading cruise companies as they prepare to resume sailing. Dating back to 2019, SES has provided over 13 Gbps – or 2/3 of the total capacity delivered to the cruise industry.

SES On Feb 22nd, SES Government Solutions (SES GS), announced it had designed, developed and is fielding an O3b Medium Earth Orbit (MEO) loopback capability to provide greatly improved mission-critical communications for Department of Defense operations in remote locations in Southwest Asia. The awarded task order is against the single-award Blanket Purchase Agreement (BPA) with the U.S. Department of Defense (DoD) for Medium Earth Orbit (MEO) low-latency High Throughput Satellite (HTS) services. Using the loopback configuration, U.S. Government customers can take advantage of the high-throughput, low-latency capability without using a commercial gateway. "As the need for secure communications and timely access to critical data on the battlefield increases, so does the need to have resilient and robust high-performance connectivity from any location," said President and CEO of SES Government Solutions, Brigadier General Pete Hoene, USAF (retired). "The growing threat within the region requires the troops to have access to near real-time decision-making intelligence at the tactical edge. This mission requires high-throughput, low-latency connectivity that only our O3b MEO constellation can provide flexibly."

VIASAT On Feb 22nd, Viasat announced it is part of an elite community of commercial service providers approved to receive cyber threat intelligence through the Department of Homeland Security (DHS) Enhanced Cybersecurity Services (ECS) program. As an accredited ECS provider, Viasat will receive DHS-provided sensitive and classified cybersecurity threat indicators and information to defend U.S.-based public and private computer networks, including state and local governments, against unauthorized access, exploitation and data exfiltration. DHS accredited Viasat as one of four companies able to pass stringent ECS program requirements following an audit of Viasat's cybersecurity capabilities, security architecture and facilities. All DHS ECS service providers must achieve a high standard of security competence and compliance, including maintaining the ability to safeguard sensitive and classified information, and security approvals for personnel, facilities and computer network systems.

BOEING On Feb 22nd, sanitization solutions leader Heathe announced that it was now accepting commercial orders for its Boeing-licensed Far-UVC 222 WAND PRO sanitization wand. In September of 2020, Boeing announced it had mobilized its engineers to develop a portable UV wand designed to sanitize airplane interiors. Boeing entered into patent and technology licenses with Far UV Technologies and Healthe Inc.® Under these licenses, both companies will produce and distribute the commercial wand, helping airlines and potentially other industries combat the coronavirus pandemic. Using the self-contained apparatus that resembles a carry-on suitcase, crews can pass UV light over high-touch surfaces, sanitizing everywhere the light reaches. The UV wand is particularly effective in compact spaces. For more information regarding the Boeing UV wand technology, please click on the BOEING link above.

SES On Feb 19th, SES Government Solutions (SES GS) announced the award of a new portable maritime solution task order against the single-award Blanket Purchase Agreement (BPA) with the U.S. Department of Defense (DoD) for Medium Earth Orbit (MEO) low-latency High Throughput Satellite (HTS) services. The solution leverages the O3b MEO satellite constellation operating 8,000km away from Earth. The Department of Defense procured a portable MEO service to support forward deployed U.S. military personnel. Initial deployment of the service exceeded customer expectations and was very well received. This represents a significant breakthrough with the DoD using O3b MEO capabilities for portable high-throughput, low-latency services. SES GS's solution integrates the O3b MEO system with a portable antenna and is designed to support both portability and freedom of movement. The self-contained ruggedized design houses all equipment in a rack system with AC unit, power distribution and a battery backup system and can achieve upwards of 400 Mbps x 200 Mbps of throughput over the O3b network.

ONEWEB On Feb 19th, OneWeb announced the appointment of Srikanth Balachandran as Chief Financial Officer (CFO). Srikanth joins from Bharti Global, where he was CFO since Oct 2018 and prior to that, was CFO of Bharti Airtel for seven years. Under his financial stewardship, Airtel engaged in some intense M&A, grew its customer base five-fold to become the world's No.3 mobile operator in subscriber numbers and expanded its operations to 18 countries. He was closely associated with Airtel's successful launch and scaling up of the Satellite TV business in India and the rapid expansion of Airtel's Global Business across the globe.

SPACE X On Feb 15th, SpaceX announced that at 10:59 p.m. EST, it had launched 60 Starlink LEO broadband satellites from Space Launch Complex 40 (SLC-40) at Cape Canaveral Space Force Station in Florida. This was the sixth launch of this Falcon 9 booster, which previously supported Dragon's 19th and 20th cargo resupply missions to the International Space Station, SAOCOM 1B, NROL-108, and a Starlink mission.

HAWKEYE 360 On Feb 11th, HawkEye 360 Inc., announced the launch of Mission Space, the first commercial platform purpose-built to facilitate the analysis of RF geospatial intelligence. Mission Space brings HawkEye 360 RF data and analytics together to create an intuitive experience. Through visualizing a holistic picture of worldwide RF activity, Mission Space bridges the interpretation gap between the collection and analysis of RF data. "Mission Space transforms the world of RF geospatial intelligence," said Tim Pavlick, Vice President of Product, HawkEye 360. "We want any analyst to be able to discover new mission insights with our unique analytics. Before today, only highly trained experts could access and interpret RF data. With Mission Space, we democratize RF geospatial intelligence, and leverage automation to enable a larger community to understand and exploit insights derived from RF signals. Mission Space is the flagship of our growing product portfolio." Mission Space automates the ingestion and visualization of RF signal data and analytics, allowing analysts to intuitively manipulate and explore available information within one frame of view. Analysts can see trends and patterns and in-depth detail about RF signals, all while maintaining a summary of RF activity for context.

PLANET On Feb 1st, Planet announced the release of the first images from its most recently launched SuperDove satellites. Just 58 hours after launch, Planet's newest batch of satellites began capturing and downlinking imagery — the quickest turnaround time to date for this fleet. With the latest and most advanced technology onboard, these SuperDoves are set to deliver improved image quality and sharpness. Plus, they're equipped with additional bands that will unlock new types of analysis and modelling in verticals like agriculture and forestry.

OMNISPACE On Feb 2nd, Omnispace announced that it had closed on a round of \$60 million in equity financing that advances its development of its 5G non-terrestrial network (NTN) and expands its 2 GHz spectrum footprint in key markets globally. The Omnispace network will power critical global communications, including 5G and mobile Internet of Things (IoT) connectivity, directly from its satellites

in space to mobile devices around the world. This funding enables the company to build upon the investments it has already made to validate 3GPP standards-based 5G products and technologies, and demonstrate 5G connectivity from space. The financing also paves the way for Omnispace to accelerate market access initiatives to secure 2 GHz mobile satellite service (MSS) and complementary ground component (CGC) spectrum globally, which will anchor its next-generation hybrid mobile system. Together these efforts provide the foundation for commercial partnerships with mobile network operators, who enable the terrestrial component of the hybrid network, and wireless technology and device manufacturers.

ABS On Feb 2nd, ABS announced that Telemedia, a leading broadcasting and teleport service provider in South Africa had partnered with ABS to provide teleport services for the Middle East and Africa (MEA) region. Under this agreement the companies are forming a strong alliance with ABS gaining a full suite of telecom services provided by Telemedia at its Johannesburg teleport. Its diverse facility provides seamless integration of satellite ground station and teleport services. “Our collaboration with Telemedia reinforces and strengthens our presence in the MEA and provides an extension to our global connectivity network. Telemedia was chosen to provide teleport fiber connectivity, data center hosting and satellite uplink capabilities,” said Ron Busch, ABS’ EVP Engineering and Operations. “Its infrastructure offering with a solid track record, excellent customer support and can-do attitude during the Covid-19 pandemic shows its commitment to excellent customer service.”

SPIRE On Feb 1st, Spire Global announced an agreement with Orbitare, an innovative start-up developing Internet Protocol (IP) communications over their own satellite network regarding the execution of an agreement to begin deploying Orbitare’s Spaceloop on Spire’s nanosatellite constellation starting with a dual-mission in-orbit validation of its communications protocols. Spaceloop is Orbitare’s personal satellite communication network in Low Earth Orbit developed and built in Europe and designed to deliver IP messaging, email and file transfer capabilities to any location in the world, at the most affordable price and ease of use. Spaceloop aims at keeping people always safe and connected, and will allow Orbitare to provide services dedicated to both personal safety – be it at sea, in the mountains or wherever the land network may not be accessible – and to fulfil the growing need for connectivity for social and professional reasons.

[RETURN TO PRESIDENT'S REPORT WEB PAGE](#)