

SIA RELEASES 2021 STATE OF THE SATELLITE INDUSTRY REPORT: COMMERCIAL SATELLITE REVENUES DOMINATE GROWING GLOBAL SPACE BUSINESS DESPITE PANDEMIC

Satellite Industry Highlights include:

- *Record number of satellites were launched into orbit in 2020 more than tripling the number launched in the previous year*
- *Innovation and investment once again helps drive double-digit growth in satellite broadband, remote sensing/imaging and the number of launches*
- *Record-breaking special-purpose acquisition or SPAC investment in commercial space raised over six times the previous total in investment capital*
- *U.S. continued to dominate satellite services, manufacturing and the launch industry*

On June 30th, SIA announced the release of the 2021 State of the Satellite Industry Report (SSIR), a global summary of the commercial satellite industry. The 24th annual report revealed that despite the world-wide pandemic, the global space industry continued to grow in 2020 and the commercial satellite industry exhibited record-setting growth in the number of satellites launched into orbit as well as other economic metrics including capital investment in commercial space ventures.

The 2021 SSIR shows that for the third straight year a record number of satellites were launched into space during 2020, more than tripling the number launched in the previous year. By the end of last year, the total number of satellites circling the earth increased by 37 percent, compared to 17 percent in 2019, to a total of 3,371 satellites. Innovation piqued the interest level of the investment community in 2020 as special purpose acquisition companies or SPACs raised over six times the previous annual total in investment capital. The reports also shows that despite several record-breaking or key growth metrics, the global COVID-19 pandemic impacted users of satellite services throughout the year and therefore certain satellite industry revenues during 2020.

Other takeaways from the new Report include:

- During 2020, the overall global space economy generated revenue of \$371 billion, an increase of 1.4 percent compared to 2019.
- The commercial satellite industry once again continued to be dominant, accounting for \$271 billion or nearly 73 percent of the world's space business.
- Technology innovations increased data capacity and helped increase subscribers as satellite broadband revenue grew by 10 percent during 2020 to \$2.8 billion.
- Innovations in radio frequency (RF), carbon emission and other mapping capabilities helped increase satellite remote sensing revenues by 12 percent compared with the previous 12 months to \$2.6 billion.
- During 2020, revenues generated by commercial launch services increased by 9 percent to \$5.3 billion as the U.S. solidified its market share leadership in launch services.
- Global satellite ground equipment revenues maintained 4 percent growth over the previous year to just over \$135 billion, led by continued worldwide sales of global navigation satellite system (GNSS) terminals such as smartphones and tablets.

“Thanks to the resilience of the commercial satellite industry, it once again dominated the global space business which grew in 2020, despite the COVID-19 pandemic,” said Tom Stoup, president of the Satellite Industry Association. “Increased demand for satellite broadband, remote sensing imagery and other services balanced declines in demand for services affected by the pandemic. Thanks to leaps in domestic innovation, costs to design, build and deploy satellites decreased while U.S. market share in manufacturing and launch services increased. Nearly 1200 satellites were launched during 2020 and that trend continues as the industry has virtually matched that total in the first half of 2021.

“As costs drop and innovation rises, the value proposition of many space ventures increases. This helped lead to record-breaking growth in investment in 2020 and several commercial space ventures announced plans to go public via SPAC mergers. So as we enter this new decade, we are reminded that only the satellite industry can deliver truly ubiquitous, high quality, reliable and often critical emergency space-based services that consumer, government and enterprise customers, demand and require both at home and around the world.”

Produced by Bryce Space and Technology, LLC, the 2021 SSIR derives from proprietary surveys of satellite companies, in-depth public information, and independent analysis, combined to assess the performance of sectors including satellite services, manufacturing, ground equipment and launch services.

To view the two-page executive summary of this year's SIA State of the Satellite Industry Report, please click [HERE](#). SIA members receive a complimentary copy of the annual report. For all others who wish to purchase a copy of the complete report or for more information, please visit the SSIR website page [HERE](#) or contact SIA via email at info@sia.org or via telephone at 202.503.1560.

SIA TO ORGANIZE “THE FUTURE ROLE OF LEO SATELLITES FOR COMBAT SEARCH AND RESCUE” WEBINAR

On July 15th, SIA will host the third in a series of satellite industry webinars titled, “The Future Role of LEO Satellites for Combat Search and Rescue”.

Webinar Description:

Combat search and rescue (CSAR) are search and rescue operations carried out during war when they are within or near combat zones. This panel will describe and discuss types of emitters, frequencies, user equipment and how missions can be supported by LEO satellite constellations.

Moderator:

Tom Stoup, President, SIA

Confirmed Speakers:

Billy Bingham, Director of Government Accounts, OneWeb

Bill Raymond, Pre-Sales Solutions Engineering Team Manager, Planet Federal

JJ Shaw, Director of Government Solutions, Telesat U.S. Services

For more details and to register for this no-charge webinar event, please click [HERE](#).

SIA FILING NEWS – SIA REITERATES ITS SUPPORT OF FCC GOAL TO REFORM AND STREAMLINE RULES GOVERNING LICENSING AND TRANSFERS OF CONTROL

On May 28th, SIA filed a letter with the Federal Communications Commission (FCC) regarding a Petition for Rulemaking and Declaratory Ruling to Streamline FCC Processes Regarding Non-Substantial Assignments of Licenses and Transfers of Control. In the letter, SIA reiterated its support for commonsense reforms to the rules and procedures of the FCC governing pro forma assignments and transfers of control. “Specifically, the Commission should issue a declaratory ruling that clarifies its existing pro forma filing requirements and policies. In addition, the Commission should release a notice of proposed rulemaking (“NPRM”) that seeks comment on proposals to apply streamlined, uniform post-closing procedures to pro forma transactions, regardless of license type. As CTIA and USTelecom have correctly noted, the FCC has ample authority to proceed.” To view a complete copy of the filing, please click [HERE](#).

NEW MEMBER ANNOUNCEMENT - ORANGE BUSINESS SERVICES JOINS SIA

On June 29th, SIA announced that Orange Business Services, the global enterprise division of the Orange Group, one of the world's leading telecommunications operators, is the newest affiliate member of SIA. As a global network-native digital services company global service provider and end-to-end communications integrator, Orange Business Services provides satellite broadband connectivity to businesses around the world.

With more than 50 years' experience in the satellite market, Orange Business Services, is an established player in the global B2B market over land and sea. Orange Business Services specializes in delivering satellite services and expert consultancy across multiple business sectors, and is able to combine many different technologies and networks. As a service provider with a global footprint, the Company is also well positioned to participate in the current market trend where satellite operators and service providers are working closer together.

“SIA is pleased to welcome Orange Business Services as our newest satellite industry member,” said Tom Stroup, president of SIA. “Through its launch of ubiquitous satellite broadband service, Orange is helping to bridge the digital divide by providing unserved and underserved enterprise customers with high-speed connectivity. We welcome their global telecommunications expertise and their commitment to the role satellites can play in the rollout of next-generation 5G and other future services.”

“We are honored to join SIA, we look forward to contributing and collaborating with the other members. We provide to our customers an end-to-end global connectivity in hard-to-reach locations, both on land and at sea.” said Xavier Boguslawski, head of the Satellite Business Unit at Orange Business Services. “We provide managed satellite services anywhere on the globe, with secure access to corporate IP-based VPN, enhancing critical applications, voice, videoconferencing, and even Telepresence.”

NEW MEMBER ANNOUNCEMENT - ULTISAT REJOINS SIA

On June 21st, SIA announced that global systems integrator and telecommunications services provider UltiSat had rejoined SIA as its newest associate member. The Company, based in Gaithersburg, MD, is a leading provider of end-to-end communications solutions via satellite and terrestrial networks to civilian government, defense, commercial and non-profit customers. UltiSat owns and operates a global network of multiple satellite teleports, a terrestrial network with strategically located gateways, a 24/7 secure network operations center, and in-house engineering, field service and fabrication facilities.

In late 2020, the Company announced a rebranding and a corporate re-launch following the previous acquisitions by Speedcast of former SIA member companies UltiSat and Globecom. Founded in 2003, the original UltiSat focused on managed network services of satellite and terrestrial connectivity, with unique capabilities in the airborne sector. The Globecom acquisition brought strengths in complex engineering and systems integration, as well as wireless and mobile communications. The re-launched UltiSat combines the strengths, capabilities, and market reach of the two predecessor businesses into a single next generation company.

“We are very pleased to announce that UltiSat is once again a member of the Satellite Industry Association,” said Tom Stroup, president of SIA. “UltiSat brings a wealth of knowledge as a long term provider of satellite and terrestrial services as well as systems integration and cybersecurity solutions for enterprise, government and Department of Defense customers. SIA and its members welcome their expanded expertise and we look forward to re-engaging with the UltiSat team.”

“SIA is a powerful voice for the satellite communications industry.” said David Myers, President and CEO of UltiSat. “As a technology agnostic integrator, we partner with companies at every level of the value-chain from satellite fleet and teleport operators, to modem and electronics manufacturers, to next-generation antenna providers, and even emerging cloud-based services companies. We are proud to be part of an association that promotes the value of the satellite industry.”

SIA ORGANIZES AND HOSTS RESILIENCY OF SATELLITE NETWORKS WEBINAR

On June 17th, SIA organized and hosted its monthly satellite industry webinar titled: Resiliency of Satellite Networks. This was the second event in SIA’s monthly Webinar Series. The webinar was moderated by SIA President Tom Stroup and featured speakers Campbell Marshall, VP Government and International Markets, Omnispace, Jose Horta, Business Development Director, Integrasys and David J. Allen, Solutions Architect Manager, Global Enterprise Solutions, Leonardo DRS.

For further details including a webinar description and to watch a video replay of the webinar, please visit the SIA website events page by clicking [HERE](#).

SIA PRESIDENT TOM STROUP MODERATES GOVERNMENT FUNDED PROGRAMS PANEL AT 2021 MILSAT SYMPOSIUM

On June 1st, SIA President Tom Stroup moderated the Government Funded Programs panel at 2021 MILSAT SYMPOSIUM – Virtual Edition.

Panel Description: During the last five years, \$11 billion of private capital has been invested in commercial space technology companies whose most promising end-users were US government agencies or missions. This panel will discuss what National Defense Space programs were funded in 2020 by the DoD. Of particular interest will be the departments involved and what new technologies were implemented. Next would be a discussion on what is thought will go forward in 2021/2022 as well as the different vehicles we are seeing out there for the small and large – launches, satellites, services, etc. To view the Symposium agenda please click [HERE](#).

[REMINDER - NEW DATE AND LOCATION ANNOUNCED FOR SATELLITE 2021 AND SIA GOVERNMENT AND MILITARY FORUM](#)

SIA is partnering with show organizer Access Intelligence to organize the Government and Military Forum for SATELLITE 2021, which is now scheduled for Sept 7th-10th at the Gaylord National Convention Center in National Harbor, MD.

REMINDER – as an official partner to SATELLITE 2021, SIA has secured the LARGEST PARTNER DISCOUNT AVAILABLE for this year's 40th anniversary event. SIA newsletter readers can save 30% off the registration price by using the following registration discount code: SIA4SAT21. Register online today by clicking [HERE](#) and use the discount code SIA4SAT21 to save 30% off the registration price.

[REMINDER - SIA RECONFIRMS DATES FOR 2021 DOD COMMERCIAL SATCOM WORKSHOP](#)

SIA wishes to remind readers of the scheduled dates for this year's DoD Commercial SATCOM Workshop which were announced earlier this year. This highly anticipated SIA organized satellite industry event will take place on December 14th – 16th. Please note that the 2021 Workshop is currently scheduled to be held live, unless SIA determines it is not legal or safe to do such. SIA will convert this event to a virtual digital one if we are not able to hold a live event.

Each year, the DoD Commercial SATCOM Workshop brings together government leaders from DoD Combatant Commands, Services and Agencies as well as commercial satellite industry operators, service providers, integrators, ground equipment suppliers, and manufacturers. For further details and for those interested in sponsorship and/or exhibitor information for the 2021 Workshop, please contact SIA Senior Director of Events and Operations Jennifer Williams via email at jwilliams@sia.org or visit the Workshop website at www.dodsatcom.com

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