

## President's Report

SIA'S MONTHLY NEWSLETTER

Featuring the latest Association and Member News and Industry Events

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### SIA News and Headlines

[Click HERE for the SIA News Page](#)



#### SIA APPLAUDS PRESIDENTIAL MEMO: "ENSURING AMERICA REACHES ITS 5G POTENTIAL"

- Satellites will become an integral part of 5G Next Generation Broadband
- Providers need to provide seamless connectivity between terrestrial and satellite services
- The strong need for enhanced interference detection and resolution to prevent degradation of systems or services

On May 31st, SIA strongly applauded the White House Office of Science and Technology Policy (OSTP) for its recognition that both the terrestrial wireless industry and the satellite industry must be used to deploy the next-generation of broadband Internet connectivity, often referred to as 5G. SIA was also encouraged by the continued plans by the Administration to protect incumbent spectrum users from interference and degradation in the rollout of next-generation connectivity.

"Ensuring America Reaches its 5G Potential" was released on May 30th by the White House. In the blog, it referenced two OSTP reports titled "Emerging Technologies and their Expected Impact on Non-Federal Spectrum Demand" and "Research and Development Priorities for American Leadership in Wireless Communications" which contained the following:

- "To deploy 5G ubiquitously, the satellite transport conduit can and must be integrated into the overall available 5G architecture. Satellite technology has been included into 5G standards and will become an integral part of 5G.
- "Service providers will need to provide seamless connectivity between terrestrial and satellite; 5G traffic will be dynamically steered to the best transport options available, including satellite, according to bandwidth, latency, network conditions and other application-specific requirements."
- "As the spectrum environment continues to become more congested and contested, R&D is needed to improve spectrum awareness... In addition to providing more up-to-date information on network and spectrum environment changes, monitoring also supports enhanced interference detection and resolution to prevent degradation of systems or services provided."

"The Satellite Industry Association strongly applauds the recognition by the White House that satellite-based networks and systems must play an integral role in the rollout of next-generation 5G services," said Tom Stroup, President of SIA. "As the satellite industry continues to expand its next-generation connectivity capabilities, SIA is also greatly encouraged by the recognition of the importance of spectrum as a vital and congested resource by all users including the satellite industry and the need to ensure protection of incumbent systems from degradation and interference." For a complete copy of the White House release and for links to the two OSTP reports, please click [HERE](#).

#### SIA CO-HOSTS SATELLITES AND DISASTER MANAGEMENT WEBINAR

On June 12th, SIA and Information Technology (IT) association CompTIA co-hosted a satellite industry webinar titled "The Role of Satellites in Disaster Management and Recovery". Over the course of the past few years, the US has experienced a series of catastrophic weather events resulting in both casualties and billions of dollars in damage. As first responders, cities, and businesses try to address continuity concerns, data connectivity is essential. One of the initial and most reliable sources for data connectivity is through satellite communications. In this webinar, satellite industry leaders discuss the very latest technological advancements in addressing data connectivity in the era of disaster management and recovery. For more information or to access a recording of the webinar, please click [HERE](#).

#### SIA FILES COMMENTS WITH THE FCC REGARDING BIDIRECTIONAL SPECTRUM

On June 17th, SIA filed comments with the Federal Communications Commission (FCC) in response to the Commission's Public Notice released by the Office of Engineering and Technology and the Wireless Telecommunications Bureau ("Bureaus") on bidirectional spectrum sharing as directed by Congress in RAY BAUM's Act of 2018. In the filing, SIA stated that the Commission, working with NTIA, must make clear in its report to Congress that commercial satellite operators have a continued need for adequate access to spectrum that is free from harmful interference to provide the valuable services currently offered in the United States and that any bidirectional sharing by federal users will only be allowed on a fair and transparent basis, with both sets of users subject to the same rules. To view a complete copy of the filing, please click [HERE](#).

#### SIA PARTICIPATES IN SENIOR LEADERSHIP THINK TANK MEETING ORGANIZED BY THE FCC AND THE NATIONAL CANCER INSTITUTE

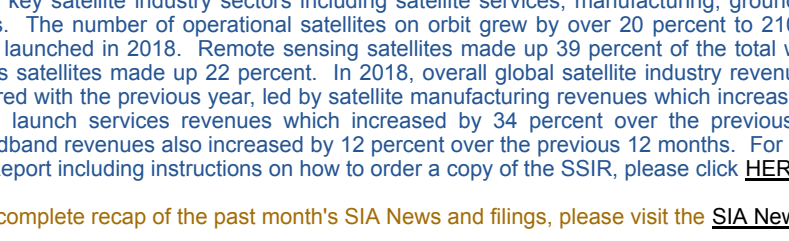
On May 28th, SIA President Tom Stroup participated in a Senior Leadership Think Tank Meeting organized by the Federal Communications Commission (FCC) and the National Cancer Institute (NCI) to discuss finding ways to solve the digital divide in America and the last mile problem in cancer care. Mr. Stroup emphasized that satellite broadband is ideal for addressing the connectivity needs identified as essential for cancer care and recovery. The Commission's "Connect2HealthFCC" program is exploring the intersection of broadband, advanced technology and health and further charting the broadband future of health care – serving as an umbrella for all FCC health-oriented activities to help enable a healthier America. The think tank meeting was part of the Linking and Amplifying User-Centered Networks through Connected Health (LAUNCH) collaborative initiative. LAUNCH strives to ensure that all Americans have access to quality connected health care. The think tank meeting was held at FCC headquarters in Washington, DC and the initiative is listed as an agenda item for the FCC's next open meeting in July. Learn more about the FCC and NCI collaboration by clicking [HERE](#).

### Omnispace, NB+C and Radeus Labs Join SIA



On June 10th, SIA announced that Omnispace had become the Association's newest Associate Member. Omnispace adapts wireless technology to integrate satellite with terrestrial networks using 3GPP standards and provide leading mobile operators with global connectivity solutions. By employing technology that enables support of 5G protocols and devices, the Company plans to deliver reliable, scalable and affordable solutions for mobile users worldwide.

In June, SIA also announced that Network Building + Consulting (NB+C) and Radeus Labs, Inc., had joined the Association as Affiliate Members. NB+C specializes in the development, engineering and construction of ground segment facilities for wireless communications companies, including ground stations for satellite communications. Radeus Labs designs, manufactures and markets robust computing solutions and SATCOM products for a wide variety of applications and environments, from airborne instrumentation to server racks and satellite antenna-control systems for earth stations. For more details, please click on the SIA News Page [HERE](#).



#### REMINDER - 2019 STATE OF THE SATELLITE INDUSTRY REPORT NOW AVAILABLE

Last month, SIA released the 2019 State of the Satellite Industry Report (SSIR). SIA's 22nd annual industry report, produced by Bryce Space and Technology, LLC, is derived from proprietary surveys of satellite companies, in-depth public information, and independent analysis which are combined to assess the performance of key satellite industry sectors including satellite services, manufacturing, ground equipment and launch services. The number of operational satellites on orbit grew by over 20 percent to 2100 with over 300 satellites being launched in 2018. Remote sensing satellites made up 39 percent of the total while commercial communications satellites made up 22 percent. In 2018, overall global satellite industry revenue grew by three percent compared with the previous year, led by satellite manufacturing revenues which increased by 26 percent over 2017 and launch services revenues which increased by 34 percent over the previous year. Satellite consumer broadband revenues also increased by 12 percent over the previous 12 months. For more information regarding the Report including instructions on how to order a copy of the SSIR, please click [HERE](#).

For a complete recap of the past month's SIA News and filings, please visit the [SIA News Page](#)

### SIA Member News

[\(click HERE for the Member News Page\)](#)

#### EUTELSAT AND AT&T SUCCESSFULLY LAUNCH NEW SATELLITES



On June 20th and 21st, Eutelsat and satellite manufacturer SSL Maxar announced the successful launch of the all-electric Eutelsat 7C broadcast communications satellite. The Ariane 5 (pictured above) also launched the AT&T T-16 DirecTV satellite on the dual payload launch from the Arianespace launch complex in French Guiana. (photo credit: Arianespace)

#### SIA MEMBER MONTHLY NEWS HEADLINES

[\(Click HERE for all the details\)](#)

- AT&T, Eutelsat and SpaceX Successfully Launch Satellites
- SES CEO Steve Collar to Chair United Nations World Space Week 2020 with Focus on Satellites and their Contribution to Humankind
- Iridium Launches First Global Push-to-Talk (PTT) Satellite Radio
- Planet Modem First to Receive WGS Network Certification
- Viasat Awarded NRO Government Contract
- Eutelsat America Corp. to Participate in NASA Space Relay Partnership and Services Study
- Inmarsat Contracts Airbus to Develop Next-generation Inflight Broadband GX Satellites
- Maxar Awarded Multiple U.S. Government Contracts to Provide Earth Intelligence
- OneWeb Expands Global Operations Center
- Inmarsat Government and Boeing Partner Video Podcast
- Newtec Agreements Work Towards ESA Certification

#### SPACEX LAUNCHES 60 STARLINK LEO BROADBAND SATELLITES



On May 23rd, SpaceX announced it had launched 60 new Starlink satellites from Space Launch Complex 40 (SLC-40) at Cape Canaveral Air Force Station in Florida. The SpaceX Starlink constellation is a next-generation satellite network designed to be capable of connecting users around the globe with reliable broadband internet services. Above: 60 Starlink broadband satellites are seen in earth orbit prior to separation from the dispenser. (Photo credit: SpaceX)

For more details on these and other stories, visit the [SIA Member News Page HERE](#).

### SIA Organized Events and Calendar

UPCOMING SIA EVENTS - SIA will organize or host the following SIA Member and Industry Events:

1. 2019 SIA DoD Commercial SATCOM Workshop - Hyatt Regency Crystal City, Arlington, VA Dec 17th-19th

For a list of Association and industry events, please see the [SIA Event Calendar](#) below or click on the [Industry Calendar HERE](#).

#### Calendar of 2019 SIA Featured Industry Events

- SIA AND MEMBER SPEAKERS - Satellite Innovation 2019 - Oct 7th-10th in Silicon Valley, Mountain View, CA
- SIA WORKSHOP - 2019 DoD Commercial SATCOM Workshop - December 17th-19th at the Hyatt Regency Crystal City, Arlington, VA

For a list of ALL upcoming industry conferences, tradeshows, and events - please click [HERE](#) to visit the SIA President's report Event Calendar page.



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