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Huawei Says Trump is Right That 'U.S. is Behind' on 5G

China's Huawei welcomed comments from President Donald Trump about the future of U.S. mobile communications. Speaking ahead of MWC in Barcelona which began yesterday, Huawei Chairman Guo Ping reiterated his company's position that it has never and would never allow any country to spy through its equipment, reported *Reuters*.

Trump wrote last week on Twitter, he wants the U.S. to rollout 5G faster than other countries. He wants 5G "and even 6G, technology in the United States as soon as possible. It is far more powerful, faster, and smarter than the current standard. American companies must step up their efforts, or get left behind," Trump said. [Continue Reading](#)



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Satellite Can Adapt to Each Country's Protocol and Frequency Says Maker



Maverick telecom newcomer UbiquitiLink launched a "cell tower in space," reports *MobileWorldLive.com*. "We are testing 2G now from orbit and we will test LTE later this year with our second launch," said CEO Charles Miller. "Our cell towers in space will be designed to change frequencies and protocols as they travel over different countries. Our MNO partners in each country will choose the frequency and the protocol."

The project has been underway since 2017, with the coup de grace delivered earlier this month, as astronauts on the International Space Station assisted with the final assembly. They completed the satellite and secured it to the nose of the Cygnus resupply ship.

So far, 18 mobile operators have partnered with UbiquitiLink. The agreement spans 53 countries. Miller described the satellite as a, "global shared roaming service" that would be a major asset in the event of a large scale emergency. "If there's a hurricane, tsunami or earthquake, this is instant back-up," he explained.

Miller expects to have UbiquitiLink ready for commercial deployment in 2020. Anticipating the advance to 5G

technology, he claims that with his company's early start, "we will be ready to provide 5G coverage directly to the phone." Of the company's achievement, he added, "We have done what many people thought was impossible."

Comments? [Email Us](#).

Nevada

Deadline at Death Valley

The time period for the public to comment on a proposed telecommunications tower on Rogers Peak has been extended, reports the *Pahrump Valley Times*. If the approval goes through, the new structure would serve the Pahrump Valley, a Mojave desert location with residents in both Nevada and California.

The project is currently under review by the National Park Service (NPS). The proposal calls for the construction or modification of a telemetry antenna, managed by the China Lake Naval Air Weapons Station. The 28-foot diameter dome containing a telemetry antenna would aid in monitoring airspace for all branches of the military. [Continue](#)

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FCC 411

Carr: 5G Means More Tower Jobs

The advent of 5G means more tower work, says FCC Commissioner Brendan Carr. Speaking to MWC yesterday, Carr cited two tower climbers he met in Sioux Falls, SD: Brandon and Leland.

"They throw 40-pound packs on their backs and scale towers to install radios and fix wiring. They have tough jobs, and without them, none of our communities would have access to fully mobile internet," Carr said.

The tower construction industry estimates that it will need to nearly double its workforce to upgrade America's networks to 5G, according to the Commissioner. "That's more than 20,000 solidly middle-class jobs—the kind of jobs that, in most parts of the country, you can raise a family on," he added.

And those jobs don't require a four-year degree. In partnership with the federal government, a trade school in South Carolina can give students enough training to qualify them for a paying tower job, with on-the-job training to follow, Carr explained, citing a recent visit.

D.C. Download

FCC Keeps an Eye on Service After Windstream Files for Chapter 11

Telecom provider Windstream filed for reorganization under Chapter 11 Bankruptcy Code in federal court on Monday. A federal judge ruled almost two weeks ago that Windstream's spinoff of copper and fiber assets violated bond

requirements. The ruling leaves Windstream with a \$310 million judgment, reported *Arkansas Business*.

The bankruptcy filing is being used as a way to address the financial impact of the ruling and gives the company a chance to come to agreements with creditors. The company said it received a commitment from Citigroup Global Markets Inc. for \$1 billion in debtor-in-possession financing that would help it meet its operational needs, reported *KTHV-TV*, Little Rock. [Continue Reading](#)



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White Paper

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Identifying Sources of External PIM

Identifying the location of external PIM sources has been an extremely difficult problem for mobile operators worldwide. With Anritsu's PIM Hunter™, PIM Master™ and Spectrum Master™ products, operators finally have the toolset required to precisely identify external PIM sources. Learn about the external PIM hunting process, important considerations and corrections in our ["Identifying Sources of External PIM" white paper](#).



Uncovering PIM Beyond the Antenna
Identifying Sources of External PIM

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Tower Ticker

February 25, 2019 at Close

Symbol	Price	Change	% Change	Symbol	Price	Change	% Change
AMT	174.23	-2.40	-1.36%	QTS	44.15	-0.53	-1.19%
AMX	14.95	-0.13	-0.86%	RCI	55.42	-0.30	-0.54%
BCE	44.22	+0.07	+0.16%	S	6.46	+0.02	+0.31%
CBB	9.93	-0.69	-6.50%	SBAC	181.09	-1.46	-0.80%
CCI	118.17	-1.70	-1.42%	T	31.13	-0.02	-0.06%
COMM	23.34	-0.48	-2.02%	TMUS	73.05	-0.15	-0.20%
CTL	13.17	-0.27	-2.01%	UNIT	10.60	+1.37	+14.84%
DY	63.32	+0.47	+0.75%	USM	47.81	-1.29	-2.63%
EQIX	428.98	+0.44	+0.10%	VMI	136.34	-0.90	-0.66%
ERIC	9.18	-0.32	-3.37%	VZ	56.79	-0.13	-0.23%
FTR	2.4300	-0.1200	-4.71%	WIN	0.4530	-0.4000	-46.89%
LMRK	14.18	-0.06	-0.42%	ZAYO	25.72	-0.08	-0.31%

Crown Castle to Present at Raymond James Institutional Investors Conference



Crown Castle International Corp. (NYSE: CCI) said Dan Schlanger, Crown Castle's Chief Financial Officer, is scheduled to present on Wednesday, March 6, at 11 a.m. ET at the Raymond James 40th Annual Institutional Investors Conference. Schlanger's presentation will be streamed live over the internet and is expected to last approximately 30 minutes. The live audio webcast link and presentation for the conference will be available on Crown Castle's [website](#), where it will also be archived for replay.



New Jersey

Judge Backs Town's Decision to Deny "Ugly Gargantuan Industrial" Tower

Superior Court Judge Thomas Miller upheld the township's zoning board of adjustment decision to deny a Verizon proposal, to erect a cell tower at the Woods Road Firehouse, ruling the decision was based on "substantial evidence."

The ruling is a victory for neighborhood residents who fought the proposal through 17 public hearings between March 2016, and June 2017, before it was rejected, reported *MyCentralJersey.com*.

Subsequently, Verizon filed its lawsuit in November 2017, since it entered a lease with the fire company to construct a 120-foot cell tower next to the firehouse. Verizon argued that the tower was needed to improve coverage to 1,700 homes in Hillsborough, 400 homes in Franklin and 100 homes in Montgomery.

Roy Horowitz, the fire company's former vice president, and neighborhood resident, testified before the board that cell phone service was limited around the firehouse and there had been no service for the laptops on the fire trucks on several emergency calls. [Continue Reading](#)

Arizona

Underground Gas Pipelines Are an Explosive Issue For Locals

Opponents of a proposed cell tower have come up with a new objection: an explosion in California. Citing a recent gas explosion in San Francisco, residents of Trinity Heights, Arizona, say that a cell tower in their community could put them in danger, reports the *Arizona Daily Sun*.

The concern comes after a Verizon crew accidentally triggered an explosion during an attempt to install fiber optic cables. The four inch line ruptured, despite a report that indicated the line had been properly marked. No one was hurt or injured as a result of the explosion. However, because the Arizona tower would be on property that contains three gas pipelines, objections were raised based on safety concerns. [Continue Reading](#)



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Sprint Plans to Launch Commercial 5G Service in May

Monday at MWC Barcelona, Sprint (NYSE: S) said standards-based 5G is now on-air, with commercial service expected to launch starting in May. Chicago, Atlanta, Dallas and Kansas City are expected to be among the first cities to offer commercial 5G service; with Houston, Los Angeles, New York City, Phoenix and Washington D.C. also slated to launch in the first half of 2019.

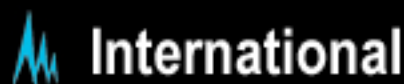
At launch, Sprint's mobile customers can expect 5G coverage ranging from nearly 30 square miles covering Midtown and lower Manhattan, to approximately 230 square miles, spanning the greater Dallas Fort Worth area, for a total initial 5G coverage footprint of more than 1,000 square miles across all nine cities. [Continue Reading](#)

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Nokia, Korea Telecom to Conduct 5G Trials

Nokia and Korea Telecom (KT) signed a Memorandum of Understanding to collaborate and trial various 5G technologies, to develop new applications and business models for the operators' enterprise customers.

Nokia and KT will trial an end-to-end network service platform in the country for network slicing. Network slicing is a key feature of 5G that will allow carriers to tailor different parts of their network capacity to different subscribers and applications, like connected vehicles and Internet of Things (IoT) use cases.

The joint work aims to deliver end-to-end automation and new revenue opportunities. The trials are planned to take place in Seoul later this year. [Continue Reading](#)

Emerging Tech

Sprint Presents New 5G Phone at MWC19 in Barcelona



Sprint CEO Michel Combes

Sprint CEO Michel Combes, along with Dr. John Saw, Chief Technology Officer announced their first 5G smartphone entry into the market, Sunday evening during a special event at MWC19 in Barcelona. The event was hosted by manufacturer LG.

The phone is called the LG V50 ThinQ 5G (thin because it has a profile of 8.3mm) and it is designed to connect, stream, browse, play, share and experience more, "without limits," according to CEO Combes.

"After a year of close collaboration with aggressive timelines, I am incredibly proud to reach this milestone together with LG," said Sprint CEO Michel Combes. "This device was designed to deliver a revolutionary 5G experience. I cannot wait for the first customers to experience this groundbreaking 5G device paired with the strength of our mobile 5G network." [Continue Reading](#)



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Broadband Briefing

FCC Offers \$67M in Extra CAF Support to Over 200 Rural Carriers

The FCC Monday offered an additional \$67 million in annual support to certain rural broadband providers, money the agency says could bring improved service to nearly 110,000 homes and businesses in rural communities across 43 states.

The FCC's Wireline Competition Bureau made the offer of additional support to 207 rural rate-of-return carriers that receive funding through the CAF's Alternative Connect America Cost Model, or A-CAM.

Carriers that accept the offer must expand the availability of broadband service delivering at least 25 Mbps downloads/3 Mbps uploads in locations which otherwise would have received 10/1 Mbps or less.

Carriers have 30 days to decide whether to accept the extra money that's part of the Connect America Fund, which provides money to carriers to help deploy broadband in sparsely populated rural areas where the cost of providing and deploying service is high.

Conference News

IWCE 2019 Brings the Critical Communications World Together March 4-8

The International Wireless Communications Expo (IWCE), opening March 4-8, 2019 at the Las Vegas Convention Center in Las Vegas (iwceexpo.com) offers a wide variety of informative options to choose from including workshops, power sessions, short courses, special events, keynote addresses and town hall meetings.

"We're proud to offer the industry's most comprehensive education program. It's a powerful resource for industry professionals who are interested in receiving the latest developments, trends and technology in wireless communications," said Stacey Orlick, IWCE's Director of Community and Conference Content. "We're hosting over 160 sessions that will provide professionals with the broadest spectrum of views, topics and expertise on critical communications." [Continue Reading](#)

FCC Recent Releases

FC Recent Releases

Latest posting from the FCC 2/21/19

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Calendar

[See All Calendar Events](#)



South Wireless Summit 2019 | Last Chance for Early Bird Registration

March 18-20, 2019 - Music City Sheraton - Nashville, TN



The 8th Annual South Wireless Summit will host the wireless infrastructure industry's largest gathering of thought leaders and technology experts focused on expanding next-generation communications throughout the south region of the United States, providing a platform for industry members to discuss key issues and focus a joint mission in support of the development of wireless networks on a state and regional level.

Join over 500 infrastructure providers, wireless carriers and service firms. South Wireless Summit attendees will have the opportunity to choose from several timely and topical keynote presentations, panel discussions and training sessions covering a broad range of topics related to the wireless infrastructure industry.

The exhibit hall will feature several companies on hand to share their innovative services and business solutions. Other event highlights include a Bowling event and a Clay shoot. **Early Bird Registration for the event, ends on March 4.** Click [here](#) to register.

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