# Monday, April 30, 2018

#### Sprint and T-Mo Merger, If OK'ed, Will Affect Tower Market

On Sunday, Sprint and T-Mobile, in a bid to create a nationwide 5G network, announced an all-stock merger valued at \$146 billion. The merger would still need to clear anti-trust examination before it is formalized. T-Mobile parent company Deustsche Telekom would control the merger and have it run by T-Mobile, according to the *Wall Street Journal*. This is the third attempt to reach an agreement by the two companies over the past few years.

T-Mobile CEO John Legere said in a tweet, the deal will form "the highest capacity network in history" and put the combined company in direct competition with AT&T and Verizon. I'm excited to announce that T-Mobile and Sprint have reached an agreement to come together to form a new company – a larger, stronger competitor that will be a force for positive change for all U.S. consumers and businesses!" <u>Continue Reading</u>



# Setting poles any other way is like using dial-up!



#### **CBRS Auction May be Bonanza for Towercos** by Leslie Stimson, *Inside Towers* Washington Bureau Chief

While the 28 GHz auction is the most immediate wireless auction the FCC is focused on, the eventual auction and licensing of the 3.5 GHz spectrum in the Citizens Band Radio Service (CBRS) band may turn out to be a bigger deal for towercos.

In general, any new spectrum is good for towercos, Vertical Bridge SVP Mergers & Acquisitions Bob Paige tells *Inside Towers* in an interview. However, he explains the 28 GHz millimeter wave spectrum "has relatively short propagation characteristics," of about a mile and a half, making it mostly suitable for urban use. Carriers will like it for antennas placed on rooftops and on the sides of buildings.

Paige is more excited about a future 3.5 GHz spectrum auction and its potential for 5G use. He calls the licenses' area size <u>compromise</u> offered to the FCC by the Competitive Carriers Association and CTIA, "huge" from an industry perspective and predicts it will be adopted by the Commission. "We hope they can auction it off and start deploying 3.5 GHz by the middle of next year," he said. <u>Continue Reading</u>

## House Passes FAA Reauthorization With Tower Marking Fix

The wireless, tower and broadcast industries got their wish on Friday when the House passed H.R. 4, the <u>FAA</u> <u>Reauthorization Act of 2018</u>. It now goes to the Senate. H.R. 4 includes language offered by David Rouzer (R-NC) concerning tower marking and lighting. Specifically, the legislation requires that towers 50 -200 feet high be either marked in accordance with FAA guidelines or be included in a federal database containing only the location and height of each covered tower.

The National Association of Broadcasters, Wireless Infrastructure Association, Competitive Carriers Association, CTIA and National Association of Tower Erectors, told lawmakers earlier in the week, the bill ensures the safety of agricultural pilots without requiring unnecessary and potentially hazardous tower climbs by the communications industry. After House passage, WIA President/CEO Jonathan Adelstein said the clarification "will protect the safety of low-flying aviation without imposing unnecessary regulations that would have impeded the deployment of next-generation wireless services and could have delayed access to mobile broadband across the country."

Including the tower marking requirements will enhance safety for aviators and provide carriers with much-needed clarity in the tower marking process, according to CCA President/CEO Steve Berry. The change will "not only will benefit the mobile industry, but also, and more importantly, will benefit consumers by enhancing safety measures without needlessly diverting resources away from preserving and expanding mobile broadband," said Berry.

## CONNECT (X)

## MAY 21-24 | CHARLOTTE, NC

## REGISTER. SPONSOR. EXHIBIT.

LEARN MORE

## 🔼 Tower Trouble

#### Virgin Islands, Puerto Rico Still in the Wake of Maria and Irma

The Chief Information Officer of the U.S. Virgin Islands, Tony Riddick and his team are still hacking away with machetes to clear paths to cell towers knocked out of commission by last year's hurricanes, according to *StateScoop*. Both Riddick and his counterpart in Puerto Rico, CIO Luis Arocho, compared notes at the National Association of State Chief Information Officers Midyear Conference in Baltimore recently.

"I've never seen so much destruction," Riddick said. Plans are slowly underway in the Virgin Islands to put their power, telephone, and fiber optic lines underground at a cost of about \$330 million, he said.

FEMA officials said many of the area's 103,000 homes are still covered by blue tarps. Riddick said the first emergency cell tower they put up in the aftermath of the storm lasted eight hours after the generator powering it was stolen, he said.

Riddick admitted the Virgin Islands were ill-prepared since the last major hurricane affecting the infrastructure was in 1989, well before the growth in technology. <u>Continue Reading</u>



## **Oklahoma Governor Gives Thumbs Up to Small Cell Bill**



in certain areas.

Oklahoma Governor Mary Fallin approved a small cell infrastructure bill last week just days after the state legislature passed the measure.

Representative Todd Thomsen and Senator Greg Treat sponsored state <u>Senate Bill 1388</u>. The measure creates the Oklahoma Small Wireless Facilities Deployment Act. It establishes procedures for the co-location and deployment of small cells and utility poles within a right-of-way. It establishes the permitting process for wireless providers using small cells in certain areas and for those wireless providers installing and maintaining utility poles

CTIA praised the move. "By modernizing rules for small cell deployment, Oklahomans will be ready for 5G, the next generation of wireless," said CTIA SVP External and State Affairs Jamie Hastings. "According to Accenture, in Oklahoma City alone the industry will invest \$525 million to deploy 5G, creating almost 6,000 jobs and contributing \$972 million in local economic growth."

## The right sites in the right places

Customized, scalable real estate solutions for network densification and expansion.

Learn more >

Eco-Site

## 👫 Tower Ticker

April 27, 2018 at Close

Symbol	Last Price	Change	% Change	Low	Volume	High	52-Wk High	52-Wk Low
AMT	146.65	+0.19	+0.13%	145.91	2.14M	147.43	155.28	124.88
AMX	19.23	-0.10	-0.52%	19.18	2.49M	19.50	19.91	14.95
ссі	109.61	-1.42	<b>-1.28</b> %	109.47	2.91M	111.66	114.97	93.14
сомм	40.47	-0.23	-0.57%	40.19	1.02M	40.73	42.75	30.95
CTL	16.97	-0.36	<b>-2.08</b> %	16.88	9.45M	17.37	27.61	13.16
DY	113.36	-0.35	-0.31%	112.54	214.57k	114.53	123.99	73.95
ERIC	6.84	+0.06	+0.88%	6.80	14.51M	6.86	7.93	5.52
FTR	7.59	-0.32	-4.05%	7.49	2.33M	8.03	29.10	6.08
S	5.26	-0.01	<b>-0.19</b> %	5.22	11.02M	5.33	9.22	4.81
SBAC	169.80	-0.43	-0.25%	167.97	909.10k	171.38	177.67	124.27
т	37.04	+0.01	+0.03%	37.01	21.88M	37.29	40.06	32.47
TMUS	64.71	-0.07	-0.11%	64.61	2.68M	65.52	68.88	54.60
UNIT	17.24	+0.21	+1.23%	16.95	1.88M	17.32	27.78	13.81
vz	48.29	-0.16	-0.33%	48.14	9.54M	48.76	54.77	42.80
ZAYO	36.38	-0.36	-0.98%	36.36	1.58M	36.85	37.95	29.73



## 🙏 Zoning & Moaning

#### <u>Minnesota</u>

#### **Utilities Commission Gives the Final Approval on Five Verizon Small Cells**

The <u>Fairmont</u> Public Utilities Commission (PUC) approved an agreement allowing Verizon to install five small cell antennas to boost data coverage in the city, according to the *Sentinel*. The city will receive an annual payment of \$876 for electricity used at the five sites. Troy Nemmers, city engineer/public works director suggested putting a meter on the poles to track usage.

Additionally, Marty Meixell, electric distribution superintendent, questioned the number of small cells that might come in the future from other carriers. "Are we going to end up with three, four or five of these things on a pole?" asked Meixell.

A Verizon representative explained at the PUC session, that today's average households have 13 electronic devices using about 5.2 gigabytes of data each month, but data demand will jump to about 48 gigabytes per month per household in five years, reported the *Sentinel*. Commissioners voted unanimously to approve the agreement, sending it on to the City Council. If final approval is reached, Verizon will begin the project in 2019.

#### Pennsylvania Philly's "Main Line" Bans "Aesthetically Counterintuitive" Towers in Public Parks

The Radnor Board of Commissioners (BOC) voted against cell towers in town parks to preserve the scenic landscapes of the township's greenswards and woodlands, in this affluent area of suburban Philadelphia, reported *Main Line Suburban Life*.

Besides aesthetics, there are real concerns over lack of cell phone and emergency radio coverage in the area. Commissioner Jake Abel, who requested the vote on the new cell tower resolution, said the service issue and the first responder issue have merged and "the path we're on has gotten us nowhere."

Commissioner Matt Marshall spoke out, noting, "Aesthetically, I think it's counterintuitive that we want cell towers in our parks. We've all come to the conclusion that what's really coveted in Radnor is this open space, what's left of it. What I'd like to pursue is the new technology...micro cells." <u>Continue Reading</u>



## M Cell-ebrations

#### North Carolina Head Start To Get Funding From New Tower

Montgomery County (NC) commissioners approved the request from Verizon during last week's board meeting following the county planning board's OK last week, according to the *Montgomery Herald*. The site is located on the grounds of the old <u>Brutonville</u> School.

The tower will generate an additional \$900 in monthly funding for a Head Start program offered by "Concerned Citizens," a nonprofit group associated with the school property. Only one resident raised an objection to the tower regarding its adverse effect on property values and a theory that "towers draw buzzards," the *Herald* reported.

## 🗼 International

#### **Scotland**

## EE Builds 90 Sites in Twelve Months With 200 More to Come

British Telecom (BT)-owned EE has expanded its 4G presence in Scotland by building 90 cell sites in the last 12 months, according to *Telecom Lead*, and plans on building an additional 200 sites in the coming months. Britain's largest carrier is also upgrading existing sites that currently only provide 2G.

The carrier said the coverage was aimed at 4G and at delivering wireless service to remote locations, such as Carsphairn in Dumfries and Galloway.

"This investment shows that our Mobile Action Plan is working by creating the appropriate conditions to encourage

such investment. Alongside our £25 million Scottish 4G Infill programme, which is currently in procurement, these commitments will expand mobile coverage across Scotland," Fergus Ewing MSP, Connectivity Secretary in the Scottish Government, told *Telecom Lead*.

Tower 🚫 Xchange

Featuring: TheFutureNetwork

## **Meetup Americas 2018**

20-21 June, Boca Raton Resort & Club, Boca Raton

## 👫 Tower Tribe

## Inside Towers Staff Update



Megan Reed 🛛 🗛 Cara Aston

*Inside Towers* is pleased to announce that Megan Reed and Cara Aston are assuming additional responsibilities. Megan, Marketing Director and Cara, Creative Director, have begun handling sales and account management alongside industry veteran, Phil Cook.

towerxcha

"Cara and I know *Inside Towers* inside-out from working behind the scenes for years to facilitate its growth, content and creative direction. We're looking forward to taking on a more direct sales function. We know how great *Inside Towers* truly is and we look forward to working with our current advertisers and expanding our client base," Megan said. Cara added, *"Inside Towers* is a targeted marketing vehicle. I am excited to work with our clients to maximize their marketing results."

For more information, reach out to <u>Cara</u>, (904) 607-1338 or <u>Megan</u>, (203) 733-5943.

Megan will be attending WIA's ConnectX in Charlotte, where she currently resides. Click here to schedule a meeting.

## **NEDAS Appoints Linda Michaels as VP of Business Development**



The Northeast DAS & Small Cell Association (NEDAS) and iMiller Public Relations (iMPR) announced the appointment of Linda Michaels as Vice President of Business Development, NEDAS. In this role, Michaels will drive strategic growth initiatives for the organization's sales and partnership development while managing the team to achieve revenue goals and marketing objectives.

Linda Michaels



*HABITAT* magazine has been around since 1982, dispensing advice to residential co-ops, condos, and homeowner associations in the New York City greater metropolitan area. Recently they ran an article on maximizing their urban rooftop leases to wireless providers. *HABITAT* reported that Verizon, T-Mobile, and other providers are already in the process of negotiating lease terms with rooftop owners for tower space. The magazine explained the dynamics involved where boards can either sell their entire lease to tower companies, cashing in with a simple buyout of their space, or they can receive revenue over a contracted number of years, getting paid per month for doing nothing but allowing tower providers to utilize their urban rooftops.

They quoted Kevin Donohue of Tower Genius, Pocatello, ID, as a company helping site owners turn their empty spaces into a profit by reviewing their rooftop leases and negotiating with providers and third-party payers to install macro cell towers and small cell nodes. "The towers don't need to be on high buildings anymore because they work in conjunction with small cell nodes; carriers can't put these big macro cell tower on a four-story building," Donohue said. "Also, the small cell nodes make it possible to position macro cell towers on cheaper real estate much farther away, such as a storage facility in Westchester, or a warehouse in Maspeth, Queens. They can put hundreds of cell towers miles away for cheap and then connect these small cell nodes to them."



#### <u>Wisconsin</u>

#### "Kindergartners On IPads" Spur Tower OK For VZ

The town of Brookfield Commission recommended a conditional-use permit for a 130-foot tower at 17740 W. Bluemound Road, according to *GM Today*.

Town officials told dissenting local residents that their hands were tied because of state legislation limiting much of their authority over such issues. Eric Lennington of Ton 80 Realty Services, representing Verizon, said the wireless provider needs an additional tower because of ongoing demand.

"The network can only handle so much traffic," Lennington told *GM Today*. "I mean, you've got kindergarteners on iPads now."

## 🙏 Association News

## **PA Wireless Shoots It Out For Charity**



American Tower employees banded together for warmth and fun on a blustery day in PA.

The <u>Pennsylvania Wireless Association</u> held its annual "Shoot" last week where 144 expert marksmen and novices turned many sporting clays into dust. The unique venue at Lehigh Valley Sporting Clays in Coplay, PA is laid out like a golf course with 18 stations over an abandoned quarry. Stations are accessed via golf carts...with gun racks in place of golf bag holders. The event raised money for the association's favorite causes: Penn State/Hershey Children's Hospital, the Family Foundation and the Hubble Foundation. American Tower was the event sponsor. No fatalities were reported.

## M Connect (X)

Connect at Connectivity Expo Inside Towers CONNECT ( ) May 21-24 Charlotte, NC

<u>Connectivity Expo</u> is designed to serve all elements of the expanding and evolving wireless ecosystem – from the macro structures that stand high above the ground and the miles and miles of fiber networks below the ground, to the technology driving the ongoing network densification in our cities and the technology embedded in our cars. Connect (X) is dedicated to bringing

together the buyers and sellers of connectivity solutions and will showcase the latest innovative technologies and the vital infrastructure that are driving the future of communications.

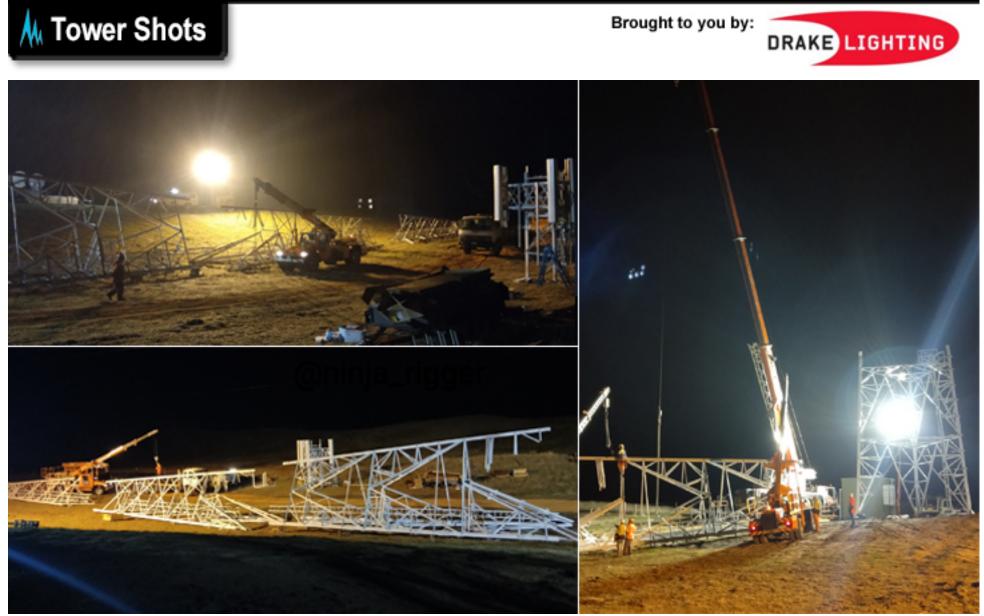
The *Inside Towers* team will be in full force at the show, with a suite at Hilton Charlotte Center City. We'd love to see you. We'd also love to help you make the most out of your show. Choose from two packaged marketing options centered around the show to encourage meetings, drive traffic to your booth and increase overall visibility. Space is limited, especially because of our Spring Showcase, so act now.

**Schedule A Meeting** 

Schedule an Ad

# FC Recent Releases

Click Here



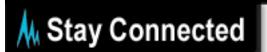
Images of a job in Cape Bridgewater in Victoria, Australia contributed by Stuart Thomas.

<u>Email</u> your tower shots or upload them <u>here</u>. Please be sure to include the tower location. Remember to follow us on <u>Instagram</u>!

## TWO HOUR - XENON TO LED UPGRADE!

Call and simplify your life 800-732-9526

MORE INFO



DRAKE LIGHTING

Aviation Obstruction Lighting Equipment

Keep current throughout the day.

INSIDE TOWERS

**TOWER-PRO.COM** 

#### 

## 🙏 Subscriber Tools

Managing Editor: <u>Jim Fryer</u> Washington Bureau Chief: <u>Leslie Stimson</u> Writers: Jordan Burns & Keara M. Piekanski Marketing: <u>Megan Reed</u> Creative: <u>Cara Aston</u> Advertising & Classifieds: <u>Phil Cook</u> | <u>Mike Dryden</u>





You're receiving this email at cara@insidetowers.com because you subscribed to Inside Towers newsletter at <a href="http://www.insideTowers.com">www.insideTowers.com</a>.

Inside Towers | 149 S. Roscoe Blvd. Ponte Vedra, FL 32082

© 2018 Inside Towers, All rights reserved.

<u>Unsubscribe</u> cara@insidetowers.com from this list.

Update My Preferences