

GWTCA Advocacy Priorities 2017

Short Title	Proceeding	Description	Potential Impact to GWTCA Members	Priority (1 = High)				
				1	2	3	4	5
4.9 GHz	WP Docket No. 07-100, PS Docket No. 06-229 and WT Docket No. 06-150	All state or local governmental entities are eligible to hold 4.9 GHz licenses. FCC does not feel that increased sharing would have a negative impact on PS. There is only a 5% utilization rate on that spectrum now.	Licensing rules provide for geographical sharing of the band between different agencies, the lack of licensing detail invites the potential for conflict and interference. Law enforcement and fire/rescue agencies also need dedicated channels to support unmanned aerial devices (UAVs), bomb robots and other specialized applications, all of which require broadband channels for video and data.					
NG 911 Cybersecurity	Pending	A bill to federally fund and hasten the national transition to next generation 911 (NG911) systems. There is no definition of covered providers.	Transit watch - maintaining a secure transit environment. Bus's display "Call 911" message. Transits participate in Local EOC ops, including evacuation.					
NXDN and 160 MHz Re-Alignment	Pending AAR whitepaper	Move to standardize RAN Code programming with a TX Code of 01 and a RX Code of 00 – this	Will help to alleviate some interference issues while also allowing for all calls to be heard on the common channels programmed for RX 00					
PDV petition	EWA/PDV petition for 900 MHz Broadband applications	Remains pending – no recent action by FCC						
"Hands free" law expansion	CA Assembly Bill 1785	First Responders are exempt (although it doesn't truly make that statement), but the question on "Non-Mission Critical" exists.	Will Local Gov't entities be subject to not using a hand mic for a radio call?					
Communication in Tunnels	N/A	There is no standard for wireless technology deployed in tunnels.	LMR/LTE/WIFI technologies all operating within the same confined space. Location accuracy is uncertain					
Spectrum Sharing		FCC desires more transparency in sharing	Is a network with "academia" to "push" the concept of spectrum sharing needed.					
Eligibility for 800 MHz Expansion Band and	WP Docket No. 16-261 GWTCA Reply Comments 12/22/16	Commission requested comments on several proposals.	No definition of "incumbent" (there is no proposed "rule" in the NPRM), or how the preference would be instituted.					

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Guard Band Frequencies								
Frequency Coordination Process	N/A	System needs to be reformed	Should we submit a white paper on the frequency coordination process?					
Wireless Grants	N/A	U.S. Department of Transportation announced more than \$64 million in grants to support advanced wireless transportation projects	Total investment in smart city technologies to almost \$170 million					
P25 Nonstandard Encryption	Compliance Assessment Bulletin (CAB	Stops the practice of manufacturers providing subscriber units with a non-P25 standard encryption without also including P25 standard AES 256 encryption.	Nonstandard encryption has negative effects on interoperability for Transit Police, and Public Service agencies working with Public Safety.					
Smart city initiatives		Smart city initiatives were explored in a recent survey of local governments conducted by the International City/County Management Association (ICMA) in partnership with the Smart Cities Council.	Nearly half (49 percent) of survey respondents identified smart city technologies as a top priority					
Federal Infrastructure Bill	Pending	"Next Century Cities" want broadband deployment to be a part of any infrastructure legislation, to include incentives to promote access and affordability.	Seventeen percent of Americans (and some 53 percent of rural Americans) lack broadband access. There is an urgent need for increasing last-mile and middle-mile fiber networks to bring connectivity to all Americans.					
Public Service/Transit "Work Force"	N/A	APCO has done a good job creating an education and certification process for the professional PS wireless worker. Something similar needs to be created for the non-P/S worker	Develop a "qualified" wireless worker program. Give our members a similar career path as PS does. What does a career in government wireless look like?					
Railroad licensee use of Class A signal boosters	WP Docket No. 16-261	Section 90.219, 90.261 – Use of signal boosters & Section– Assignment and use of the frequencies in the band 450-470 MHz for fixed operations	Propose to authorize railroad licensees to use single-channel Class A signal boosters with up to 30 watts ERP on frequencies 452/457.90625 to 452/457.9625 MHz in areas where communications between the front and rear of trains is unsatisfactory due to distance or intervening terrain barriers.					

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Personal Use Restriction on Wideband Consumer Signal Boosters	WT Docket No. 10-4 DA 17-220 Comments due 3-23-17	Replace the personal use restriction “with a multi provider registration requirement for [wideband consumer signal boosters]”	Businesses, public safety entities, public institutions, and other enterprises may purchase and use consumer signal boosters.					
FCC Rules That Warrant Elimination	Docket No. BO 16-251 DA 16-792	FCC review of rules adopted by the agency in calendar years 2001 – 2004 which have, or might have, a significant economic impact on a substantial number of small entities.	Determine if rules should be continued without change, or should be amended or rescinded to minimize any significant economic on small entities.					
Cybersecurity for 5G Systems	Docket No. 16-353	Security for 5G Networks and devices, use of 5G services, especially related to the Internet of things (IoT) and security aspects of integrating 5G networks with IP-based communications systems.	In early February, the FCC administration rescinded this Notice. GWTCA created a whitepaper to address the key issues anyway.					
Small Cell Site Deployment	Docket No. 16-421 GWTCA Filed comments on 3/8/17	Leaders from several cities urged the FCC to avoid a one-size-fits-all mandate for local governments when it comes to siting small cells, and ease broadband deployment.	One solution does not work in all locales. Need a task force of all stakeholders to develop options.					
Waiver of 6.25 kHz Narrow Band Requirement	WT Docket No. 99-87 GWTCA filed comments on 10/26/2016	Commission requested to waive the requirement for type acceptance of Part 90 land mobile radio equipment have 6.25 kHz (or equivalent efficiency) bandwidth capability. The 6.25 kHz requirement became effective on January 1, 2015, after a similar request was submitted by Ritron, Inc. on September 21, 2012 to delay the deadline.	Concerns are speculative. Since implementation of the requirement, radios available in the band with 6.25 kHz capability have proliferated, without an increase in cost. Further, there is no rationale for requiring a single 6.25 kHz standard. Doing so would disenfranchise tens of thousands of users which have chosen one of the two dominant 6.25 kHz transmission technologies, with absolutely no benefit to users.					