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VIA ELECTRONIC FILING

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 Twelfth St., SW  
Washington, DC 20554

May 7, 2010

Re: *Ex Parte* Notice

WT Docket No. 06-150, PS Docket No. 06-229

Dear Ms. Dortch:

On Thursday, May 6, 2010, representatives the Telecommunications Industry Association (TIA) met with Jennifer Manner, David Furth, Erika Olsen, Jerome Stanshine, Kurian Jacob, Yoon Chang, and Brian Hurley of the Public Safety and Homeland Security Bureau and Joel Taubenblatt, Peter Trachtenberg, Ziad Sleem, and Won Kim of the Wireless Telecommunications Bureau. The TIA representatives were Patrick Sullivan of TIA, Steve Sharkey of Motorola, Paul Steinberg of Motorola, Paul Schomburg of Panasonic, Paul May of Harris Corporation, JoAnne Dalton of Harris Corporation, David Horne of Intel, Roy McClellan of EADS, Michael Paroby of EADS, and Ming Lai of Telcordia.

In this meeting, TIA presented the attached Power Point. TIA re-emphasized the importance of maintaining technology neutrality throughout all the processes leading to the final decisions. TIA described roaming on private Land Mobile Radio Systems (LMRS), noting that calls are half duplex; thus, the short duration of talk time and large coverage from a single LMRS site makes the communication different from the "seamless handoff" used in cellular services. TIA also stated that the only priority service precedent for a public safety user on a public wireless network is Wireless Priority Service (WPS), that WPS is voluntary for public carriers to provide, and has a 1:4 gated functionality to ensure public (commercial) user accessibility. TIA also noted that public safety LMRS has had priority, preemption, and roaming features for decades, and that these attributes have developed further over time. TIA stated that LMRS is designed to provide multiple levels of priority, and that, at a minimum, talkgroups have one of seven different levels of priorities, and that declared emergencies have the eighth, or highest priority. With regard to LMRS preemption, TIA made clear that preemption will allow higher priority calls to displace lower priority calls in queue or on a radio resource, and that trunked radio networks allow preemption at the network level.

TIA then detailed the priority access and roaming capabilities of LTE, noting that LTE provides prioritization capabilities for users and devices for a standard commercial user. Additionally, TIA noted that LTE supports bearer resources with both guaranteed (streaming video) and non-guaranteed (web surfing) bit-rate user traffic, independent configuration for admission priority, and scheduling priority when resources are needed.

TIA also noted that the WiMAX ETS (Emergency Telecommunications Service) specification uses the 8-bit Priority Indication field in the IEEE 802.16-2009 standard, which includes multiple levels for authority/authority and authority/public communications. TIA also stated that roaming on WiMAX is feasible today based on Release 1.0, 1.5 and 1.6 of the WiMAX specifications, and that Release 2.0 of the specifications will provide additional capabilities.

TIA noted that LTE and WiMAX provide equivalent levels of priority and roaming to current LMR implementations and that utilization of priority and roaming features are contingent upon operator agreements, or service level contracts, thus being more a policy versus a technical issue. TIA further noted, however, that consistent policies do not currently exist for public safety relying on roaming onto commercial networks, and that further study of this issue is necessary.

Pursuant to Section 1.1206(b) of the Commission's rules, 47 C.F.R. § 1.1206, a copy of this letter is being filed electronically today. If you have any questions, do not hesitate to contact me at (202) 346-3244.

Sincerely,

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Patrick Sullivan  
Director, Technical and Government Affairs

Cc:  
Jennifer Manner  
David Furth  
Erika Olsen  
Jerome Stanshine  
Kurian Jacob  
Brian Hurley  
Joel Taubenblatt  
Peter Trachtenberg  
Ziad Sleem  
Won Kim