



911 Emergency Communications

2 Williams Plaza ● 34B Old Airport Road ● P.O. Box 1042 Providenciales ● Turks & Caicos Islands

May 17, 2011

Kenva Williams
Director of Technology
TCI Telecommunications Commission
P.O. Box 203
872 Business Solutions Building
Leeward Highway
Providenciales,
Turks and Caicos Islands, BWI

RE: POLICY FOR ASSIGNMENT OF THE 700 MHz SPECTRUM

Dear Sir,

The 911 Emergency Communication Center is grateful for the opportunity to make a contribution to the Turks and Caicos Islands Telecommunications Commission's Public Consultation Document on a Policy for assigning the 700 MHz Spectrum.

The Emergency Communication Center has only opted to respond to question number 7 as it directly relates to public Safety but will preface our contributions by summarizing that the Emergency Communication Center supports the FCC band plans for the 700 MHz. Following such plans will ensure the interoperability and ease of operability when acquiring CPE and other such devices. However to ensure that the spectrum is properly utilized and available to small businesses within the Turks & Caicos a few of the blocks should be further mutated.

Question 7:

Do public safety agencies need spectrum for broadband applications? If so:

Yes, Public Safety Agencies do need spectrum for broadband applications. Such channels outlined by FCC should suffice.

(a) How much and for which type of applications?

7 (a) Answer: It is difficult to say exactly how much bandwidth the ECC will need for broadband applications at this stage because this information will depend on the amount of applications deployed and the bursting requirements. The Next Generation Public Safety Solutions embraces the LTE technology to deliver a wide range of interoperability and real time applications; it is the intentions of this Communication center to deliver those valuable services.



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Such applications include:

- (i) Mobile data to vehicles
- (ii) Integrated Records Management
- (iii) In vehicle video cameras
- (iv) Incident Analysis applications
- (v) Real time Positioning/tracking applications
- (vi) Applications for handheld Devices
- (vii) Site Alarms applications
- (viii) In vehicle modems applications

7(b) What are the anticipated deployment plans and the possible constraints, if any, in implementing these plans?

7(b) Answer: The deployment plans will depend heavily on the Government's ability to fund the necessary equipment for the Emergency Communications Center and the participation of the Telecommunication providers in serving the public safety agencies.

7(c) Is there suitable alternate spectrum to the 700 MHz to meet these broadband requirements?

7(c) Answer: While one can pose an argument that an alternate spectrum can be used, the reality of the case is equipment designed for 700MHz may only work on 700MHz. Our goal is to provide the lifesaving communications to ensure public safety hence we would require the industry technology to successfully achieve this.

Kind Regards,

Elery James
Assistant Program Manager