

WRC 15

Can the Caribbean make a difference?

CANTO WRC-15 Session

Hyatt Regency, Miami

27 July, 2015

Presenter: Julian Wilkins, CANTO Chairman

WRC 15 – CANTO seeking Government Support

- ❑ CANTO is seeking Government support in ensuring that Caribbean consumers can avail of the next generation of mobile services and that they are not left behind when these services become available;
- ❑ The International Telecommunications Union (ITU) will take a crucial vote on the spectrum available for these services in November.

WRC 15 – Securing Spectrum for 5G Services

In order to secure new spectrum for advanced mobile services and advanced mobile broadband services so that 5G services and the “Internet of Things” can proceed in the Caribbean, it is important that Caribbean countries vote in favour of proposals that increase the mobile spectrum available for use in the Caribbean region.

WRC 15 – Important CITELE Meeting

- ❑ The Inter-American Telecommunication Commission (CITELE) meeting scheduled for 17-21 August in Ottawa, Canada will be the final opportunity to secure the spectrum required for the next generation of mobile services to be available to Caribbean consumers when the rest of the world moves to this technology;
- ❑ Your country's vote, in person or by proxy at the CITELE meeting, is essential to making advanced wireless services available to our citizens.

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Agenda Item 1.1

Agenda item 1.1: to consider additional spectrum allocations to the mobile service on a primary basis and identification of additional frequency bands for International Mobile Telecommunications (IMT) and related regulatory provisions, to facilitate the development of terrestrial mobile broadband applications, in accordance with Resolution 233 (WRC-12).

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Agenda item 1.1

The following key bands are proposed in consideration of WRC 15 agenda item 1.1 (source GSMA)

| Band | Proposed Position |
|----------------------|--|
| 470-698 MHz | Support proposal for the use of these UHF bands for mobile broadband by US, Canada, Mexico and Columbia. |
| 1427-1518 MHz | Support proposal for the use of these bands for mobile broadband by 15 countries. |
| 3.4-4.2 GHz | Support proposal for the use of the band 3.4 to 3.7 GHz for mobile broadband by US and Canada. |

Broadcasting Concerns

- ❑ Broadcasters are concerned that new spectrum proposed for IMT could result in less spectrum assigned to their services;
- ❑ Broadcasters in the Caribbean occupy very little of the spectrum in 470 MHz – 698 MHz band.

Guidance from the ITU Study Group

- ❑ Specific joint ITU study groups provide technical recommendations on the feasibility of band sharing for mobile services;
- ❑ The ITU Joint Task Group ratified studies have shown that sharing is possible in all target IMT bands. This may be on the basis of geographical separation, frequency separation and/or other mitigation techniques.

Broadcasters in the UHF band

The whole world is moving away from analogue and other inefficient forms of RF emissions i.e. TV and radar towards digital techniques, meaning more spectrum is available for telecommunications which is regarded as a better utilisation of precious spectrum resources.

We need to act at the CITEEL Meeting

- ❑ The WRC-15 decision for mobile allocation provides flexibility;
- ❑ The next opportunity is likely to be in 8 years time i.e. in WRC-23.

In Summary



- ❑ CITEEL meeting scheduled for 17-21 August in Ottawa, Canada will be the final opportunity to secure the spectrum;
- ❑ We are looking for support from Ministers/Regulators for CITEEL Agenda item 1.1;
- ❑ To consider additional spectrum allocations to the **mobile service** on a **primary** basis and identification of additional frequency bands for International Mobile telecommunications.

In Summary

- ❑ Countries that support mobile are not saying that they don't recognize any needs by broadcasting. We are not opposing broadcasting;
- ❑ Broadcasting can continue to meet their needs in less spectrum;
- ❑ Authorizing broadcasting or mobile use is a national decision. The ITU decision for allocation to mobile will provide the necessary flexibility to the national regulators.

Where we are now

- ❑ There are currently 13 countries (mainly Latin American countries) supporting the ‘no change’ proposal which means **broadcasting** would be the **primary** service in the 470 – 698MHz UHF band;
- ❑ We would need to find at least 7 countries (more than 50% of the 13 countries supporting the ‘no change’ proposal) to halt this proposal from being adopted by CITEL.

Where we are now

- ❑ So far, 4 countries are against the ‘no change’ and support Agenda item 1.1 i.e. **mobile** as the **primary** service in the 470 – 698MHz UHF band are as follows:

USA, Canada, Mexico and Columbia

- ❑ We need a total of 7 countries to counter the ‘no change’ proposal at the CITELE meeting in August. Ideally we need more votes as more countries may support the ‘no change’.

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Can the Caribbean make a difference?

Yes - Absolutely!

Let's use our votes at the CITELE meeting and make a difference for future mobile spectrum availability in the Caribbean.

See you in Ottawa, Canada, 17-21 August 2015

Thank you