



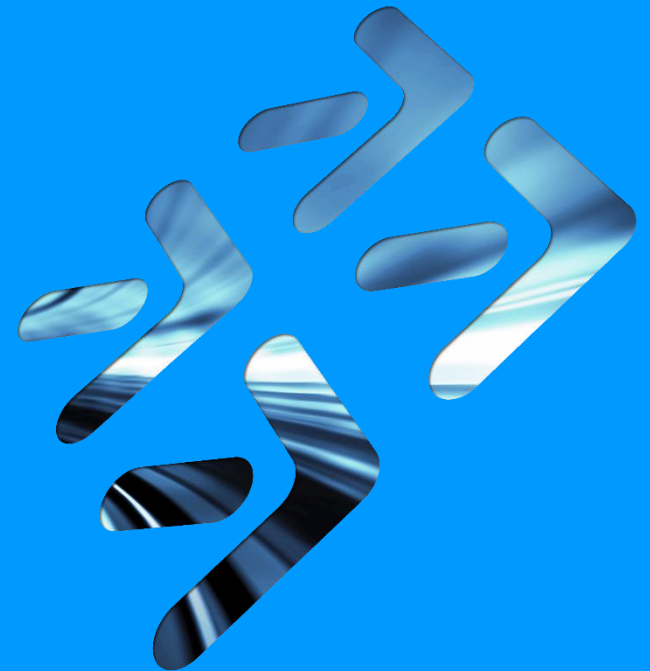
**Caribbean
Telecommunications
Union**

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Towards Development of Harmonised Proposals

18 July 2014

*Americas Regional Radiocommunication Seminar
Tobago, 14 – 18 July 2014*



Seminar Review

- Practiced reporting and queries for Space and Terrestrial Services
- Exercises were time limited so further practice is recommended via resources at the ITU web page for the Americas RRS
<http://www.itu.int/en/ITU-R/seminars/RRS/2014-Americas/Pages/default.aspx>

Panels, Outputs and Conclusions

1. WRC-15 Regional Scope

- What are the WRC-15 agenda item priorities for the Region?
 - Caribbean
 - Wider Americas
- Refer to Word Document

Panels, Outputs and Conclusions

2. IMT Regional Status (700 MHz)

- ECTEL using USA Band Plan
- CANTO advocated USA band plan for commercial reasons (ease of roaming, handset \$)
- Availability of handsets?
- Many Region 2 countries opted for APT band plan
 - Roaming not adversely impacted
 - More spectrum for broadband than US plan
 - No requirement for PPDR spectrum as in US plan
 - Handset \$?????
- Any future plans for evolution of US band plan???

Panels, Outputs and Conclusions

3. IMT Future Bands

- Key issue is future use of C-band and lower UHF for IMT
- Question re accuracy of IMT spectrum demands (Further study; follow JTG work)
- Status study of Caribbean C-band use ??? (Including earth station registrations)

Panels, Outputs and Conclusions

4. Future of Satellite Services

- Innovations noted in:
 - Throughput
 - Services (C, ku and ka bands)
 - Propulsion

Panels, Outputs and Conclusions

5. DTT Deployment and Switchover

- Broadcasters recommendations
 - New business models
 - Funding the transition
 - Adequate time for ASO
 - Phased approach
 - Public education
 - National roadmaps
- Technology & multiplex choice (procedure)
- Spectrum dividend vs asset
- Co-existence with LTE ???

Panels, Outputs and Conclusions

6. Dynamic Spectrum Access and White Spaces

- More efficient spectrum utilisation (470 to 694 MHz) based on managed automated sharing
- Key is protecting broadcast services
- Advocated for harmonised use of spectrum <1GHz
- What are the applications/services for DSA/WS? (Internet of things, rural broadband / universality, emergency comms at sea?)
- Is spectrum sharing / white space technology required in the Caribbean at this time?

Harmonised Caribbean Spectrum Planning and Management Project - Activity Schedule

- Project Plan in train
- Steering Committee and Task Force members being confirmed
- Programme Manager contracted
- SMTF meetings and workshops
- Consultancy TORs and procurement in train
 - Target Aug - Sep 2014
- Capacity building and enhancement of regional expertise
- Development of harmonised frequency plans and regional spectrum management plan (Q3 2014 - Q1 2015)
 - Meetings of the SMTF and SMSC

Caribbean Impact on WRC

- Traditionally limited owing to resource constraints (human and financial)
- Aiming to capitalise on the coincidental timing of the Harmonised Spectrum Project to impact on regional and international consensus for WRC-15
- Planning to feed Caribbean consensus views into the CITELE WRC-15 preparatory and IAP development process
 - Tentative CITELE prep meetings in Feb and Sep 2015
- CTU will facilitate Caribbean consensus building and is open to facilitating relevant liaisons with international agencies and spectrum stakeholders



Thank you

Please visit www.ctu.int