Caribbean Telecommunications Union

Shaping Caribbean Communications

CTU

HARMONISED CARIBBEAN SPECTRUM PLANNING & MANAGEMENT

Update: CTU Spectrum Management Priorities & Preparatory Approach to WRC-19

Presented by

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About the CTU

1989	• Established in Nassau, The Bahamas by CARICOM Ministers `responsible for Telecommunications,
2003	• Defined new strategic direction with information and communications technologies (ICT) focus
2004	• Expanded Membership to include Private sector firms
2005	• Established the Caribbean Internet Governance Forum (CIGF) with CARICOM Secretariat– *in Georgetown!*
2006	• Established Caribbean Centre of Excellence
2009	• Initiated the Caribbean ICT Roadshow
2014	• Began Work on Single ICT Space with ICT Cluster
2018	• Began Work on 21st Century Government

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CTU Members

Anguilla

Antigua/Barbuda

Bahamas

Barbados

Belize

British Virgin Is.

Cayman Is.

Cuba

Dominica

Grenada

Grenada

Guyana

Jamaica

Montserrat

St Kitts/Nevis

St Lucia

St Maarten

St. Vincent & The Grenadines

Suriname

Trinidad & Tobago   Turks and Caicos

NON-STATE MEMBERS:

American Registry of Internet Numbers (ARIN)

Latin American and Caribbean Registry for Internet Numbers (LACNIC)

Internet Society (ISOC)

International Amateur Radio Union (Region 2)

Bureau Telecommunicatie en Post (Curacao)

Telecommunications Authority of Trinidad and Tobago

Eastern Caribbean Telecommunications Authority (ECTEL)

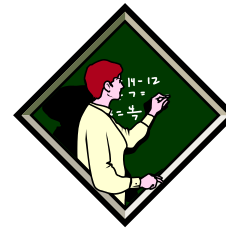Puerto Rico Telecommunications Regulatory Board

Operators: Digicel (Trinidad & Tobago), Dauphin Telecom, Cable & Wireless

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CTU Core Activities

- ICT Harmonised Policy Formulation

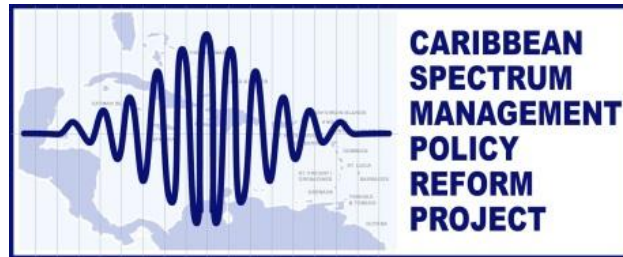- Capacity Development

- Regional ICT Project Coordination
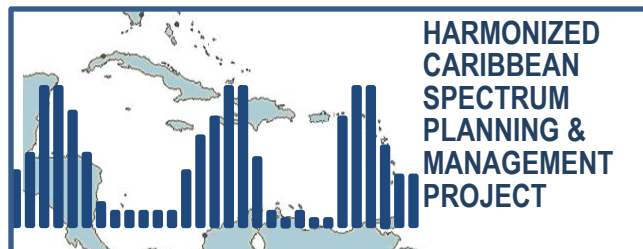
- Caribbean Representation

- Industry Watch

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The CTU in Spectrum Management

- 2005 - 2009: Undertook the Caribbean Spectrum Management Policy Reform Project

- 2013 - 2016: Harmonised Caribbean Spectrum Planning and Management Project

CTU Spectrum Harmonisation Work

- Established Caribbean Spectrum Management Steering Committee (SMSC) and Task Force (SMTF) *Multi-stakeholder*

- Convened multiple consensus and capacity building workshops of the SMTF and stakeholders

- Developed a Caribbean Spectrum Management Strategic Plan 2016 – 2018

- Guidelines/Recommendations NOT legal mandates

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Strategic Plan Foundation

The policy considerations, statements and rationales were derived from consultancy recommendations on regional studies on:

(i) Spectrum Pricing;

(ii) Frequency Allocation Tables;

(iii)Cross Border Interference; and

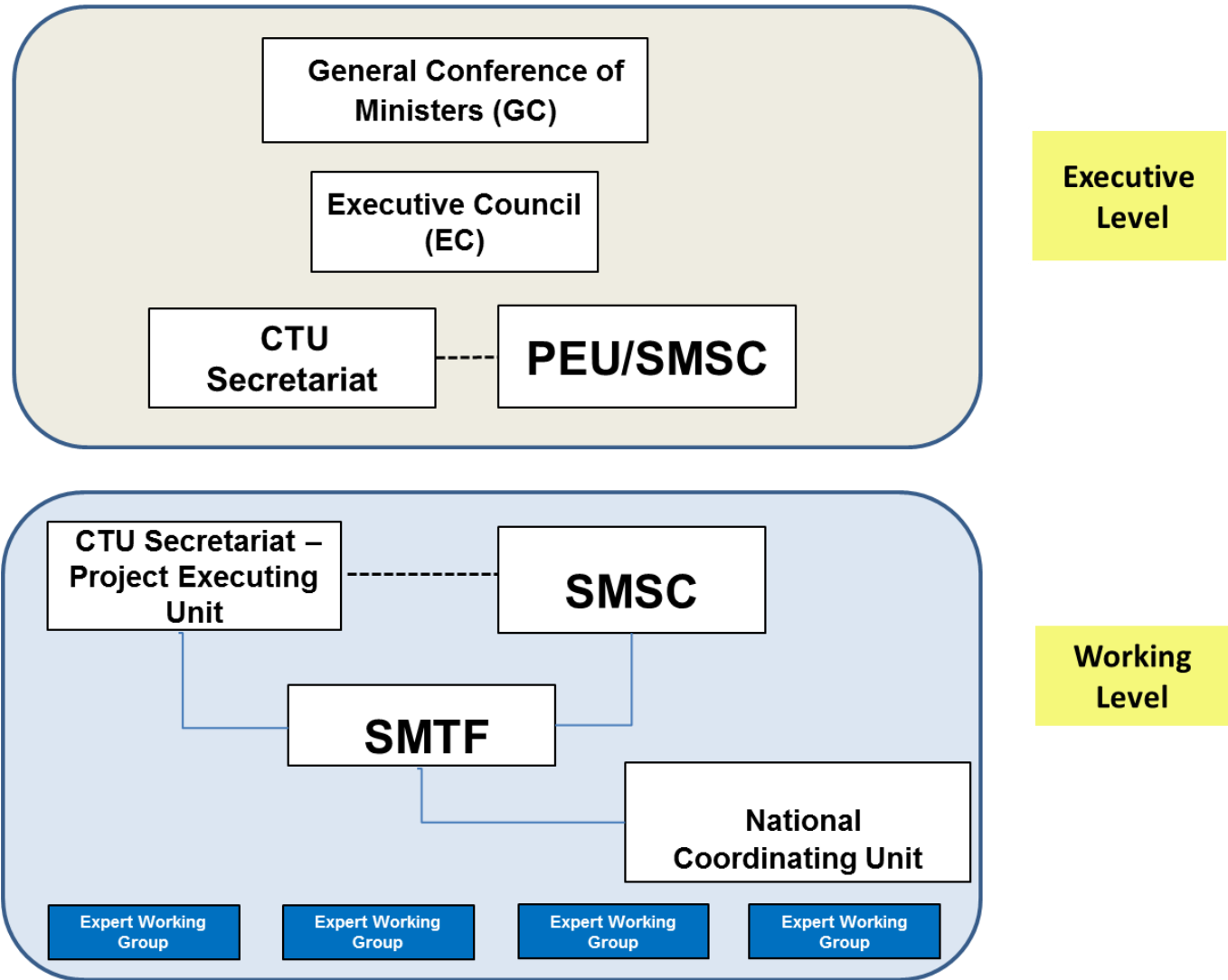(iv)Digital Switchover and White Spaces.

Strategic Plan Vision & Mission

Vision:

A globally influential, Caribbean spectrum management regime.

Mission:

To build a regionally cohesive, technically efficient and sustainable spectrum management regime that proactively meets the region's requirements for broadband and socio-economic development and supports the establishment of a Single ICT Space in the Caribbean.

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Governance Framework

To be achieved within existing institutional frameworks of the CTU and the spectrum harmonization project structure.

Status of WRC-19 Preparations

- SMTF Meeting of Jan 31 – Feb 2, 2018 at Hyatt Regency, Trinidad
  - Reviewed WRC-19 agenda items
  - Agreed priority items for Caribbean attention
  - Identified regional coordinator agencies for Caribbean priority items
  - Planned 2018 activities and liaisons to build and advance Caribbean consensus and positions on the issues
- Noted status of items in channels for advancing Caribbean positions (CITEL, ITU)

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Status of WRC-19 Preparations

- SMTF Meetings of Sep 11–12, 2018 at Biltmore Plaza, Belize and via Videoconference Nov 20-21, 2018
  - Updated the status of discussions on priority items for Caribbean attention
  - Agreed a methodology for building Caribbean consensus on Caribbean priority items
  - Planned the next open meeting of the SMTF for informing and advancing Caribbean positions (Jan 31 – Feb 1, 2018)

WRC-19 Caribbean Priority Items (1/ 2)

- Items related to IMT-2020 and 5G
    - 1.13 IMT
    - 1.14 HAPS
    - 9.1.9 50 GHz feeder links for GSO FSS (E-s)
    - 9.1.1, 9.1.2 (IMT compatibility issues)

- Items related to broadband wireless
    - 1.16 RLANs (e.g. Wi-Fi)
    - 1.12 Intelligent transport systems
    - 9.1.5 Res 764 (Impacts 5GHz band re Wi-Fi)

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WRC-19 Caribbean Priority Items (2/2)

- Items related to disaster management
  - 1.2, 1.3 re MetSats
  - 1.7 Short term Sats (experimental, university)
- Items related to public safety
  - 1.8 re GMDSS
  - 1.9.1 re GMDSS
  - 1.9.2 (possible impact on GMDSS)
  - 1.10 re introduction of GADSS
- Item 10: Future agenda items
- Other: 1.11 (Railways), 8 (Country footnotes)

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SMTF Meeting of Jan 31 – Feb 1 Will:

- Formulate Action Plan for 2019 including:
  - Items to advance implementation of the regional strategic plan
  - Actions to optimize regional preparations for WRC-19 (e.g. meeting schedule, action milestones etc.)
- SMTF discussions on Caribbean priority items for WRC-19:
  - Receive inputs from industry stakeholders
  - Foster development of consensus
  - Plan next steps

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Thank you!