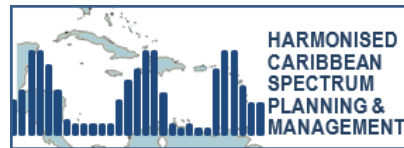




Caribbean Telecommunications Union

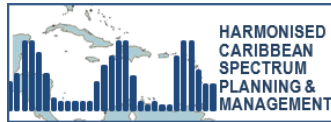


Spectrum Management Task Force (SMTF)

Action Plan 2022

Endorsed by the Spectrum Management Steering Committee 2022-07-18

Updated 2022-11-22



Spectrum Management Task Force Action Plan 2022

(Endorsed by the Spectrum Management Steering Committee)

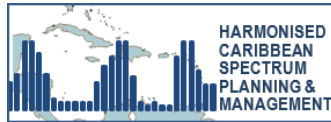
Plan for work of the SMTF with focus on the following thematic areas:

1. RFAT (Harmonisation of Priority Bands: IMT, Emergency Communications, IOT/Innovation bands e.g. Wi-Fi, DSA, TVWS etc.)
2. Cross-Border Interference and Operational Matters
3. Emergency Communications
4. Spectrum Pricing
5. WRC-23 Preparations
6. Planning Digital Broadcasting Switchover

Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
1.0 Regional Frequency Allocation Table (RFAT)	1.1 Collation of National FATs in requested format at central location (CTU).	National FAT updates are in train to also incorporate changes required following WRC-19. Jurisdictions to ensure that their current NFATs are communicated to the CTU Secretariat. National FATs to be converted into agreed electronic format	Ongoing Q3-2022 Move to 2023	SMTF Members SMTF Members

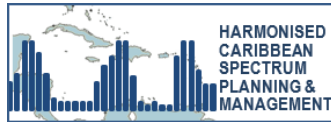
Commented [NC1]: Move to 2023.

Commented [NC2]: To receive info on similar CITELE effort.



Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
	1.2 Population of a software database with NFAT data from each jurisdiction	<p>Establish a technical statement of need for the automated database to describe</p> <ul style="list-style-type: none"> • Field structure • File structure • Functionality <p>Research and recommend database software appropriate to this application</p> <p>Plan and undertake database population work based on software recommendation and data availability</p>	<p>Q3-2022 Move to 2023</p> <p>Q3-2022 Move to 2023</p> <p>Q4-2022 Move to 2023</p>	<p>CTU Secretariat / NTRC SVG</p> <p>SMA Jamaica / CTU Secretariat</p> <p>CTU Secretariat</p>
	1.3 Harmonisation of priority bands. <u>Working Group</u> (addressing IMT & IOT/innovation)	<p>Priority bands identified as those for IMT, emergency comms and IOT/innovation</p> <p>Development and consideration of harmonisation proposals</p>	<p>Ongoing. <u>Specific deliverables</u></p>	<p>Working Group</p>

Commented [NC3]: Move to 2023.

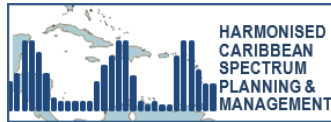


Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
	bands e.g. Wi-Fi, DSA, TVWS etc.): TATT (Lead), C&W, Belize, ECTEL	Review ANFR Proposal for harmonization in TDD 3400 – 3800 MHz for 5G: Indicate ability/willingness to accommodate ANFR request/proposal Survey of SMTF members to collect info on current assignments and plans for identified priority bands (Consider CITELE template) Approach ITU for providing assistance in regional 5G Band harmonization Assessment of bands for regional authorisation (e.g. for Auction or for unlicensed use) based on harmonisation recommendations	<u>to be considered in Q1 2023 meeting</u> Q4 2022 Q3 2022 Completed. ITU <u>engaged/responded.</u> Q4 & Ongoing	 SMTF Members Working Group CTU Secretariat CTU Secretariat & SMTF Members

Commented [NC4]: Specific deliverables to be considered in Q1 2023 meeting in formulating 2023 Action Plan.

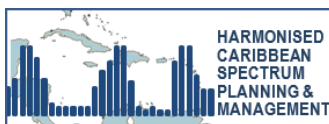
Commented [NC5]: Recirculate the proposal and refresh the response time frame.

Commented [NC6]: To be synchronized with the work of the Harmonisation Working Group.



Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
2.0 Cross-Border Interference and Operational Matters	2.1 Focal Contact Points	Identify annually and as required, contact info for functional/technical and higher level (Ministerial) coordinators/ key contacts	Ongoing	SMTF Members
		Compile list of the contacts received and those outstanding for general reference; post on a special SMTF partition on the CTU web site	Q 4 3 2022	CTU Secretariat
		Obtain focal points for Cuba, Haiti & Dominican Republic	Q 4 3 2022	CTU Secretariat
	2.2 Frequency Registration	Seize opportunities for capacity building and practice on frequency reporting. Member States to provide status updates on their progress with registrations on the MIFR	Ongoing	SMTF Members
			At SMTF meetings	SMTF Members
	2.3 Coordination Agreements	Member States share their frequency agreements CTU to establish <u>and maintain</u> a centralised record of regional agreements	Ongoing	SMTF Members
Q3 2022			CTU Secretariat	

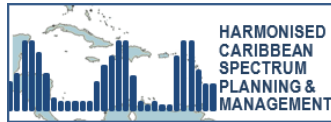
Commented [NC7]: Move to Q1 2023 & ongoing.



Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
	2.4 Address operational coordination matters arising	Common approach to coordination with satellite service operators	Q3 and ongoing	SMTF Chair
3.0 Emergency Communications	3.1 Focal contact points for emergency communications	Maintain database of current contacts, reaching out to CTU Member States beyond Task Force/ Steering Committee members for contact info Post contact list on a new SMTF partition on CTU web site	Ongoing Q3 2022	CTU Secretariat
	3.2 Country status dashboard for emergency communications	Develop and post a dashboard of emergency communications best practices showing the status for each country (e.g., national emergency telecoms plans, Tampere Convention, IARP Convention etc.)	Q 4 3 2022	CTU Secretariat / UWI (St. Aug)
	3.3 Accession to the Tampere Convention	Sustain awareness campaign to encourage universal sign on to Tampere Convention. (Concerns	Q3 2022	CTU Secretariat

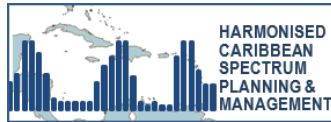
Commented [NC8]: Note additional info provided by Jamaica, Starlink, Viasat, ISOC and GSMA. Ongoing.

Commented [NC9]: Include a repository of Caribbean NETPs



Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
		of potential signatories to be addressed) Identify and highlight implementation considerations re the Convention Issue to be raised again at the CTU's GC for coordination with Foreign Affairs Ministers Advocate for Caribbean countries to accede to Tampere Convention Foster coordination among CDEMA and stakeholders like CANTO. SMTF members to work with local Disaster Management offices to promote initiative	Q3 2022 Q3 2022 Ongoing Ongoing Ongoing	CTU Secretariat CTU Secretariat CTU Secretariat / SMTF Members CTU Secretariat SMTF Members
	3.4 Adoption of IARP (Advocated by the IARU for mobilising and expediting telecom relief efforts in disaster response)	Foster universal acceptance and adoption of IARP via an awareness campaign. Call on Caribbean countries to accede to amended IARP Convention, which is open for signing at the OAS.	Q3 2022 Ongoing	IARU and CTU Secretariat IARU, CTU Secretariat, SMTF Members

Commented [NC10]: Continue to address in 2023. Leverage urgency of climate change effects to encourage action by member states. Utilise the auspices of the ITU as well.



Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
		Accession to the amendment to the IARP Convention to be raised at CTU Ministerial meetings	Q3 2022	CTU Secretariat
	3.5 Harmonisation of Band Plans for Emergency Communications	Establish list of bands used in each jurisdiction (To be used to inform international /regional agencies);	Q1 – Q2 2022	ECTEL, TATT
	<u>Working Group:</u> ECTEL (Lead), TATT, SMA, UWI St. Aug and Grenada	Examine bands available and make harmonisation recommendations accordingly.	Q2 – Q3 2022	Working Group
	3.6 Network Resilience	Establish best practice policy recommendations for network resilience, including common approaches for the role of free-to-air broadcasters, to inform national policies	Q3 – Q4 2022	SMTF Members
		SMTF members to review the CCCR report on the CTU web site (Resources/Document Repository) and provide any feedback on policy recommendations	Completed	SMTF Members

Commented [NC11]: Take forward to 2023 as well.

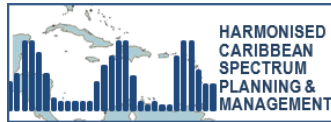
Commented [NC13]: Q1 2023.

Commented [NC12]: ECTEL to circulate a paper discussing harmonization options for consideration. Q1 2023.

Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
	<p>3.7</p> <p>Baseline data gathering on emergency communications in the maritime bands</p> <p>[Smart Seas Project in progress with the ITU in T&T with possible future benefit to the wider Caribbean.]</p>	<p>Conduct a survey of marine communications to include infrastructure and national Maritime Rescue Coordination Centre (MRCC) arrangements, relevant national policy and regulatory provisions, channel use, operations and associated capacity:</p> <ul style="list-style-type: none"> • Develop Survey instrument • Data gathering • Analysis & presentation 	<p>Q1 – Q3 2022 <u>and ongoing</u></p> <p>Completed Q2 – Q3 2022 Q3 2022</p>	<p>UWI St Aug / CTU Secretariat</p> <p>UWI St Aug SMTF Members /CTU UWI St Aug/CTU Sec</p>
4.0 Spectrum Pricing	<p>4.1</p> <p>Reassessment of spectrum pricing actions proposed in Strategic Plan 2016-2018</p>	<p>Review pricing thrusts from Strategic Plan 2016 - 2018</p> <p>Agree revised strategic thrusts and determine specific actions to be taken in 2022</p>	<p>Q1 – Q4 2022</p> <p>Q4 2022</p>	<p>SMTF Members</p> <p>SMTF Chair</p>
	<p>4.2</p> <p>Fostering common pricing guidance for advice to regional regulators</p> <p>Working Group:</p>	<p>Regulators to share current pricing methodologies</p> <p>Consider appropriate interim pricing arrangements and recommend appropriate approaches for</p>	<p>Q1 – Q4 2022 <u>Completed</u></p>	<p>SMTF Members</p> <p>Working Group</p>

Commented [NC14]: Take to Q1 2023.

Commented [NC15]: We can close



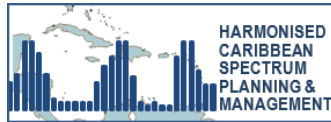
Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
	SMA Jamaica (Lead), TATT and Digicel	emerging broadband mobile and satellite applications, e.g. 5G, HAPS & LEO services. Capacity building seminar(s) and activities.	Q2 – Q4 2022 Q2 – Q4 2022	CTU Secretariat
5.0 WRC-23 Preparations	5.1 Identifying priority WRC-23 agenda items of Caribbean relevance	Group discussions and proposals on agenda items for priority focus Agree primary items for Caribbean attention	Q1 – Q4 2022 Q2 – Q4 2022	SMTF Chairman / SMTF Members
	5.2 Formulating harmonised Caribbean positions- for proposal to WRC-23	Identify item coordinators and vice-coordinators for relevant priority WRC-23 agenda items Collaborate with Task Force members and engage with key stakeholder groups to inform the formulation of harmonised Caribbean positions Liaise with CITELE and ITU as appropriate to inform and	Q4 2022 Q1 – Q4 2022	SMTF Chair / SMTF Members SMTF Members / CTU Secretariat

Commented [NC16]: Continue into 2023.

Commented [NC17]: Continue into 2023. Work with the ITU.

Commented [NC19]: T&T will circulate its suggested priority items. Jamaica will also circulate its own for further discussion. Suggestions made re AI's 1.1, 1.2, 1.4 and 1.16 .

Commented [NC18]: Carry forward to 2023.



Thematic Area	Initiative	Comments/Actions	Time Frame	Lead
		advance harmonised Caribbean positions	Q4 2022 & ongoing	SMTF Members / CTU Secretariat
6.0 Planning Digital Broadcasting Switchover	6.1 Develop and promote harmonised approaches to digital transition	Establish best practice guidelines to assist countries in DSO strategy planning Collaborate with broadcast sector (e.g. the CBU et al) to undertake regional awareness campaign and facilitate harmonised approaches	Q4 2022 & ongoing Q3 – Q4 2022 & ongoing	SMTF Members CTU Secretariat / SMTF Members

Commented [NC20]: Carry forward to 2023.

Commented [NC21]: Held ATSC 3.0 workshop in Jamaica

Commented [NC22]: Take forward to 2023.