



TELECOMMUNICATIONS AUTHORITY
of Trinidad & Tobago

Priority Bands Harmonization Roadmap

Montego Bay, Jamaica 2023

Agenda

- Welcome & Opening Remarks
- Why harmonise?
- Harmonisation Roadmap Recap
- Trinidad and Tobago's Priority Bands
- Local Steps in the Regional Harmonization Efforts
- Open Floor Discussions, Questions and Answers
- Closing Remarks.

A decorative graphic on the left side of the slide. It features a grid of numbers (1, 2, 3, 4) in circles, with a black pen resting on it. The grid is tilted and partially obscured by a large, stylized orange and grey shape that frames the text area.

Why Harmonise?

- Harmonising is the bedrock for the success of technologies such as 5G by driving equipment & device economies of scale.
- Harmonising limit the risks of interference and ensure the availability of a clean spectrum.
- Harmonised spectrum allows the use of the same devices across the region.



Harmonization Roadmap Recap

- TOR for the harmonisation work.
- Questionnaire Data Form.
- Draft harmonisation plan
- Report on the harmonization of priority band



Trinidad and Tobago's Priority Bands

PMTS Priority Bands

- 700 MHz Band:
(703 – 748 MHz / 758 – 803)
- 850 MHz Band:
(824 – 849 MHz / 869 – 894)
- Ex. AWS Band: 1.7/ 2.1 GHz Band:
(1710 – 1780 MHz / 2110 – 2180)
- Ex. 1900 MHz Band:
(1850 – 1915 MHz / 1930 – 1995)
- 2.5 GHz Band: (2496 – 2690)
- Lower 3.5 GHz Band: (3300 – 3700)



BWA Priority Bands

- 2.3 GHz Band: 2300 – 2360 MHz
- 2.5 GHz Band: (2496 – 2690)
- Lower 3.5 GHz Band: 3.3 – 3.7 GHz
- 5 GHz Band: 5150 – 5850 MHz
- 12 GHz Band: 12.2 – 12.7 GHz



Trinidad and Tobago's Priority Bands Cont.

Other updates since last meeting

Bands	Discussion Points
600 MHz	Not under consideration. Currently, a licensed subscription service provider occupies significant spectrum.
3300 – 3700 MHz	Proposed for IMT and is under public consultation.
3700 – 4200 MHz	International references on 5G and radio altimeters coexistence, the current states of the band in Trinidad and Tobago and all other factors are being considered. This band shall be review for consideration at a later date.
26 GHz	This band shall be review for consideration at a later date.
45.5 – 47 GHz	Not under consideration
47.2 – 48.2 GHz	Not under consideration





Trinidad and Tobago's 6 GHz Band Updates

Bands	Discussion Points
6 GHz: 5925 – 7125 MHz	<p>Approve the lower 6 GHz (5925 – 6245) for licence-exempt subject to public consultation, given the global consensus for the use of the lower 6 GHz band for licence-exempt use.</p> <p>A position shall be formulated on the upper 6 GHz band, depending on whether:</p> <ul style="list-style-type: none">• ITU has identified the upper 6 GHz band for IMT, particularly in Region 2.• relevant studies have confirmed coexistence of public mobile telecommunications services with class-licensed devices in the upper 6 GHz band.• existing licensed systems in the upper 6 GHz band can coexist with class-licensed devices in the 6 GHz band.• suitable ecosystems of equipment are available, which is already the case for class-licensed use across the 6 GHz band.



Local steps in the Regional Harmonization efforts

Follow

- Follow the work of Region 2 Administrations, CITEL and WRC agenda items

Consult

- Consult with local stakeholders on the agenda items and positions

Develop

- Develop recommended positions on agenda items for T&T.

Obtain

- Obtain the approval of the Board and Line Ministry for the positions.

Support

- Support positions for agenda items at WRC





Open Floor Discussions Questions and Answers



Closing Remarks!