

Working Party 1

PRELIMINARY VIEW ON WRC-19 AGENDA ITEMS 1.11, 1.12, 1.14 and 1.15

Agenda Item 1.11: Railways radiocommunication systems

“to take necessary actions, as appropriate, to facilitate global or regional harmonized frequency bands to support railway radiocommunication systems between train and trackside within existing mobile service allocations, in accordance with Resolution 236 (WRC-15)”

Preliminary View

Thailand supports studies towards global or regional harmonized frequency bands to support RSTT within existing mobile service allocations, in accordance with Resolution 236 (WRC-15), and is of the view that international standards and global/regional harmonized spectrum would facilitate the current and future development of RSTT.

Thailand is also of the view that the implementation of harmonized frequency bands of RSTT shall not impose additional constraints on any applications of the primary services to which these frequency bands are already allocated.

Thailand supports the list of frequency bands proposed for global harmonization for RSTT in the Draft CPM Report.

Agenda Item 1.12: Intelligent transport systems

“to consider possible global or regional harmonized frequency bands, to the maximum extent possible, for the implementation of evolving Intelligent Transport Systems (ITS) under existing mobile-service allocations, in accordance with Resolution 237 (WRC-15)”

Preliminary View

Thailand supports possible harmonization of frequency bands in existing mobile-service allocations for the implementation of evolving Intelligent Transport Systems (ITS).

Thailand is also of the view that:

- Evolving ITS should not be restricted to, nor exclude, any particular evolving ITS technology.
- The use of frequency bands by ITS should not impose additional constraints on other primary services to which these frequency bands are already allocated and should take appropriate account of the potential interference from other primary Services, including FSS earth station uplinks.

Thailand prefers to specify harmonized frequency bands explicitly in an [ITU-R](#) recommendation. [Thailand currently has no preference over](#) whether ~~or not~~ the [ITU-R](#) recommendation is referenced ~~by~~ [in](#) a [WRC](#) resolution ~~or not~~.

Agenda Item 1.14: High altitude platform stations

“to consider, on the basis of ITU-R studies in accordance with Resolution 160 (WRC-15), appropriate regulatory actions for high-altitude platform stations (HAPS), within existing fixed-service allocations”

Preliminary View

Since sharing and compatibility studies in some bands have not been concluded as indicated in the draft CPM report and some of the frequency bands under consideration are overlapping with other WRC-19 agenda items, notably agenda items 1.5 and 1.13, Thailand is of the view that any regulatory actions for HAPS should take into account other services and their future developments.

Agenda Item 1.15: Services in 275-450 GHz

“to consider identification of frequency bands for use by administrations for the land-mobile and fixed services applications operating in the frequency range 275-450 GHz, in accordance with Resolution 767 (WRC-15);”

Preliminary View

Thailand supports the identification of frequency bands for fixed and mobile service applications in the range 275-450 GHz while maintaining the protection of the passive services identified in RR. No. 5.565.
