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3rd ITU INTER-REGIONAL WORKSHOP ON WRC-15 PREPARATION (Geneva, 1 – 3 September 2015)

Panel Session 3 WRC-15 Agenda item 1.1

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Agenda Item 1.1

to consider additional spectrum allocations to the mobile service on a primary basis and identification of additional frequency bands for International Mobile Telecommunications (IMT) and related regulatory provisions, to facilitate the development of terrestrial mobile broadband applications, in accordance with Resolution 233 (WRC-12)

AI 1.1 - Methods

The following draft methods may be applied to potential candidate frequency bands:

- **Method A** – No change, which may be accompanied by reasons.
- **Method B** – Make an allocation to the MS on a primary basis (either by a new allocation or the upgrade of an existing secondary allocation) with a view to facilitate the development of terrestrial mobile broadband applications.
  - **Method B-Table of Allocations (ToA)** - Make an allocation to the MS on a primary basis in the Table of Frequency Allocations.
  - **Method B-Footnote (FN)** - Make an allocation to the MS on a primary basis in a footnote.
- **Method C** - To identify the frequency band for IMT either in a new or existing footnote. This Method can be applied individually if there is already a primary mobile allocation or in conjunction with Method B.

AI 1.1 – Methods cont'd

Methods – continued

In addition, any condition of use specific to a frequency band by the MS or IMT systems will be described under the specific frequency band under Methods B and/or C.

Other considerations - Current status of the frequency band: There is an allocation on a primary basis for the MS for a frequency band in a Region and it is identified for IMT in certain countries in that Region. Those countries which may wish to add their names to that footnote can submit proposals to WRC-15 taking into account Resolution **26 (Rev.WRC-07)** in accordance with Resolution **233 (WRC-12)**. If agreed within a Region, countries or the regional group could submit a proposal to WRC-15 to modify an existing footnote reflecting the identified frequency bands for IMT in that region.

AI 1.1– Candidate bands, methods, options

Methods and options* that may be applicable to the potential candidate frequency bands, taking into account existing frequency allocations contained in Article 5 of the RR

# / Bands (MHz)	Applicable Methods and Options* (shown in *italics*)			
	Method A	**Method B-ToA**	**Method B-FN**	**Method C**
1 / 470-694/698	A (*A1, A2, A3*)	B-ToA (*B1, B2, B3*)	B-FN (*B4*)	C (*C1, C2*)
2 / 1 350-1 400	A	B-ToA (*B1*)	B-FN (*B1*)	C (*C1a, C1b, C2*)
3 / 1 427-1 452	A	-	-	C (*C1a, C1b, C2, C3*)
4 / 1 452-1 492	A	-	-	C (*C1, C2, C3, C4*)
5 / 1 492-1 518	A	-	-	C (*C1, C2, C3, C4*
6 / 1 518-1 525	A	-	-	C (*C1, C2, C3*)
7 / 1 695-1 710	A	B-ToA	B-FN	C (*C1*)
8 / 2 700-2 900	A	B-ToA (*B1, B2*)	B-FN (*B1, B2*)	C (*C1, C2*)
9 / 3 300-3 400	A	B-ToA (*B1, B2*)	B-FN (*B1, B2*)	C (*C1, C2*)
10 / 3 400-3 600	A	B-ToA (*B1, B2, B3, B4, B5*)	B-FN (*B1, B2, B3, B4,B5*)	C (*C1, C2, C3, C4, C5*)
11 / 3 600-3 700	A	B-ToA (*B1, B2, B3*)	B-FN (*B1, B2, B3*)	C (*C1, C2, C3*)
12 / 3 700-3 800	A	B-ToA (*B1, B2, B3*)	B-FN (*B1, B2, B3*)	C (*C1, C2, C3*)
13 / 3 800-4 200	A	B-ToA (*B1, B2, B3*)	B-FN (*B1, B2, B3*)	C (*C2, C2, C3*)
14 / 4 400-4 500	A	-	-	C (*C1, C2*)
15 / 4 500-4 800	A	-	-	C (*C1, C2, C3, C4*)
16 / 4 800-4 990	A	-	-	C (*C1, C2*)
17 / 5 350-5 470	A	-	-	-
18 / 5 725-5 850	A	-	-	-
19 / 5 925-6 425	A	-	-	C (*C1, C2, C3, C4*)

NOTE – In the above table, Methods B-ToA and B-FN, when identified as applicable for a frequency band, do not necessarily apply to all regions.

* Methods can be applied without any options. WRC-15 may decide to apply any of these options or others not already stated in this Report.

Information from the CPM Report to WRC-15

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Frequency Band	APT	ASMG	ATU	CEPT	CITEL	RCC
1 - 470-694/698 MHz	A	A	A	A		A
2 – 1 350-1 400 MHz	A	A	C	A		A

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Frequency Band	APT	ASMG	ATU	CEPT	CITEL	RCC
3 – 1 427-1 452 MHz	C	A	C	C	C	A
4 – 1 452-1 492 MHz		C	C	C	C	A
5 – 1 492-1 518 MHz	C	C	C	C	C	A
6 – 1 518-1 525 MHz	A	A		A		A

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Frequency Band	APT	ASMG	ATU	CEPT	CITEL	RCC
7 – 1 695-1 710 MHz	A	A	A	A		A
8 – 2 700-2 900 MHz	A	A			A	A
9 – 3 300-3 400 MHz		A		A		A

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Frequency Band	APT	ASMG	ATU	CEPT	CITEL	RCC
10 – 3 400-3 600 MHz	A	B&C		B&C	B&C	A
11 – 3 600-3 700 MHz	A	A	A	B&C	A	A
12 – 3 700-3 800 MHz	A	A	A	B&C	A	A
13 – 3 800-4 200 MHz	A	A	A	A	A	A

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Frequency Band	APT	ASMG	ATU	CEPT	CITEL	RCC
14 – 4 400-4 500 MHz		A	A	A		C
15 – 4 500-4 800 MHz	A	A	A	A	A	A
16 – 4 800-4 990 MHz		A		A		C

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Frequency Band	APT	ASMG	ATU	CEPT	CITEL	RCC
17 – 5 350-5 470 MHz	A	A	A	A	A	A
18 – 5 725-5 850 MHz	A	A	A	A		A
19 – 5 925-6 425 MHz	A	A	A	A	A	C