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**NBTC/ITU Workshop on Cross-Border Frequency Coordination**

**29 – 30 June 2015, Bangkok, Thailand**

**DRAFT AGENDA**

**Monday, 29 June 2015**

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| **09:00 – 09:30** | **Registration**  |
| **09:30 – 10:00** | **Opening** |
| **10:00 – 10:30** | **Group Photo and Coffee Break** |
| **10:30 – 12:30**  | **Session 1: Introduction to Cross-border Frequency Coordination**Speaker: Mr. Istvan Bozsoki, Head, Spectrum Management and Broadcasting Division, ITU/BDT**Cross-border frequency coordination -for what, when and with whom?*** What is the purpose of cross-border frequency coordination
* How to minimize/mitigate radio interference
* Obligations of countries before putting a station into operation

Speaker: Mr. Aamir Riaz, Programme Officer, ITU Regional Office for Asia and the Pacific**A Cross-border Frequency Coordination Agreement*** Administrative and technical procedures
* Optimising spectrum usage by accurate interference field strength calculations
* Establishment of models for computer-aided interference range calculations
* Solid basis for bilateral and multilateral agreements

**Discussions** |
| **12:30 – 14:00** | **Lunch Break** |
| **14:00 – 15:20** | **Session 2: Frequency Co-ordination – Advantages** **and** **Disadvantages** Speaker: Mr. Aamir Riaz**Advantages and Disadvantages**Speaker: Mr. Tobias Schnetzer, Expert, Federal Network Agency (BNetzA), Germany **The Procedure*** + Co-ordination request, how and what to send, deadlines
	+ Assessment of possible interference, agreement (without/with reservations) or disagreement, possible field strength measurements
	+ Notification on usage of preferential frequencies
	+ Exchange lists of co-ordinated assignments

**Discussions** |
| **15:20 – 15:40** | **Coffee Break** |
| **15:40 – 17:00** | **Session 3: Administrative Classification of Frequencies**Speaker: Mr. Tobias Schnetzer**Administrative Classification of Frequencies*** + Frequencies requiring co-ordination
	+ Preferential frequencies
	+ Frequencies for planned radio networks
	+ Frequencies used on the basis of geographical network plans
	+ Frequencies used on the basis of arrangements between operators
		- Preferential Frequency Agreements -Advantages and Disadvantages

Speaker: Mr. Istvan Bozsoki**Data requirements and structure****Discussion** |

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| **Tuesday, 30 June 2015**

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| **9:30 – 10:50** | **Session 4: Radio Interference Calculations**Speaker: Mr. Aamir Riaz**Radio Interference Calculations*** Modes of Calculation of interfering field strength
* Calculation of cross-border interference range according to prediction method, band, etc.
* Consideration of station’s technical characteristics
* Consideration of frequency offset and bandwidth of stations affected

**Use of specific propagation curves**Speakers: - Mr. Istvan Bozsoki- Mr. Tobias Schnetzer**Software tools and common data (border, topo, morpho)****Discussion**  |
| **10:50 – 11:10** | **Coffee Break**  |
| **11:10 – 12:30** | **Session 5: Calculation of interference for key radio communication services**Speakers: - Mr. Istvan Bozsoki- Mr. Tobias Schnetzer**Calculation of interference for key radio communication services*** Mobile, Fixed and broadcasting services, satellite earth stations

**Discussion**  |
| **12:30 – 14:00** | **Lunch Break** |
| **14:00 – 15:20** | **Session 6: Working on the development and maintenance of an Agreement**Speaker: Mr. Istvan Bozsoki**Structure of an Agreement*** + - Role of the parties
		- Role of the technical working groups (mobile, fixed, programming)
	+ Administrative part
	+ Technical part (Annexes of an Agreement)

Speaker: Mr. Tobias Schnetzer**Roles of Regional Offices** (if required)* + First point of contact for customers requiring radio frequency assignment

Speakers: Country Representatives**Country experiences****Discussion** |
| **15:20 – 15:40** | **Coffee Break** |
| **15:40 – 17:00** | **Session 7: Examples**Speaker: Mr. Tobias Schnetzer**European cross-border frequency coordination Agreement: HCM**Speaker: Mr. Istvan Bozsoki**Sub-Saharan African cross-border frequency coordination Agreement: HCM4A****Caribbean task force**Speaker: Mr. Aamir Riaz**Cross border interference Mitigation between UMTS/EGSM networks of Malaysia-Singapore and CDMA-2000 network of Indonesia** **Closing** |

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