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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**   |  |  | | --- | --- | | **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** | |