**Pacific Regional Seminar on Spectrum Management And Terrestrial TV Broadcast**

***10th July 2015***

***Nadi-Fiji***

A regional seminar on “**Spectrum Management and Terrestrial TV Broadcast in Pacific”** is being organized by ITU with kind support Ministry of and Communications of Fiji.

 The seminar is essentially targeted towards the senior officials from Policy making organizations, Regulators, Industry, National Spectrum Managing organizations, academia and International organizations involved in developing ICT policies, regulations, operations, strategies and other associated development activities related to Digital Terrestrial Television (DTTV) and national Spectrum Management.

The objective of this event is to highlight the importance of the effective Spectrum Management and emphasize the need to adopt harmonized solutions to issues related to technological advancement and spectrum availability for next generation services in future. Please find below the provisional program of the seminar:

**Draft Program**

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| 0800 – 0900 hrs | Registration |
| 0900 – 0930 hrs | **Official Opening*** Welcome Address (Minister of Communications from Fiji)
* Kick off speech (ITU)
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| 0930 – 1000 hrs | Coffee/Networking break and Group Photo |
| Session 1: *Digital Terrestrial Television Session* |
| 1000 – 1200 hrs | The key driver for the changes in the terrestrial broadcasting services is the transition from analogue broadcasting to digital. Digital broadcasting is spectrally more efficient and the switchover to digital is freeing up spectrum known as the digital dividend. Globally, broadcasters have launched digital broadcasting and some administrations have set an analogue switch off (ASO) date. Digital TV allows the broadcasters to provide innovative services like offering catch-up TV, electronic program guide (EPG), 3DTV and digital signage. Another major trend is for terrestrial broadcasters to implement hybrid TV or interactive TV which offers broadcasters the ability to provide video-on-demand, interactive advertising, personalization, voting, social networking and so on. Additionally Digital TV can also be an important infrastructure for providing information to the public during national emergency situations.This session seeks to provide a basis for the exchange of best practices encountered on the path of digital migration, and works towards the way to maximize the economic and social benefits of the digital dividend. The session will discuss, in particular:* Planning the Transition from Analog to Digital Terrestrial TV
* Country case of implementation of DTTB
* Utilization of Digital Dividend band
* Emerging Challenges in DTTB
* ITU activities/studies on terrestrial broadcast issues
* Post transition RF Licensing and planning issues (Including moving towards Mobile TV)

*Panel discussion and Q&A***Speakers:**1. Mr. Colin Knowles, Independent consultant (Australia)
2. Mr. Bongkyu Yi, Korea Communication Agency (RoK)
3. Mr. XX, Fiji Tv (Fiji)
4. Mr. Istvan Bozsoki, ITU
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| 1200 – 1400 hrs | Networking lunch |
| Session 2: SPECTRUM MANAGEMENT |
| 1400 – 1600 hrs | Wireless technology is rapidly evolving and spectrum management practices need to keep up with time. To ensure that consumers and businesses have access to new wireless technologies, it is fundamental for the Spectrum Mangers to develop an up-to-date and flexible spectrum management system. This is becoming more challenging due to the pace that technology is developing; and changes to spectrum management framework and allocation often take a considerable amount of time to take effect. Additionally national Spectrum Management agencies also need to ensure to ensure that the industry remains competitive and service providers are motivated to introduce innovative services to the market. Hence, it is necessary to look ahead and consider the future of spectrum management so that new services can be introduced in the timely manner and existing users have sufficient time for upgrading/migrating planning, capital budgeting and implementation of alternative technologies.The session intends to discuss the issues related to spectrum management on which the Spectrum Mangers need to formulate their stance on at some point. In particular, the session would include discussions on issues related to:* Spectrum Masterplan: Development and future implementation
* Spectrum Planning and Licensing for future wireless services
* ITU SG activities on SM
* National Table of Frequency Allocation (NTFA): Preparation and update
* Modern Spectrum management Authority and its functions
* Country Study cases (Managing Spectrum for different services, Emergency communications)
* Spectrum Economics (Auction, Spectrum Fee regulations)

Panel discussion and Q&A**Moderator: XXX, MiC-Fiji****Speakers:**1. Mr. Staurt Davies, Consultant APT
2. Mr. Mudassar Latif, Digicel
3. Mr. XXX, Kacific
4. Mr. Ivan, Pita
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| 1600 – 1615 hrs | **Coffee break** |
| 1615 – 1630 hrs  | **Seminar Closing**  (ITU 150 years video) |