

# ANNEX 1



## ITU-D Regional Development Forum for the Arab Region: “Access to spectrum, including broadcasting services – trends and technologies”



Tunis (Tunisia), 1 - 3 June 2009

### DRAFT PROGRAMME

#### Day 1, 1 June 2009

<b>09:00 – 10:00</b>	<b>Opening Ceremony</b> <b>Opening Remarks:</b> <ul style="list-style-type: none"><li>▪ Host country</li><li>▪ Sami Al Basheer Al Morshid (Director, BDT, ITU)</li></ul>
<b>10:00 – 10:30</b>	<b>Coffee-break</b>
<b>10:30 – 12:30</b>	<b>SESSION 1: Spectrum management: theory and practice</b> <b>Session Chairman:</b> (Head, Regional Office for ARB, ITU) <b>Objectives:</b> This session will provide information on ITU-D activities including the ones conducted by the Regional Office for ARB, to help in spectrum management activities in developing countries. This session will also discuss the need of spectrum management and spectrum management policies and strategies. Discussion will focus on: <ul style="list-style-type: none"><li>• Why to manage the spectrum?</li><li>• Role and functions of a spectrum management authority vis-à-vis regional organizations and ITU</li><li>• Spectrum management policy and strategy</li><li>• Assigning spectrum to users</li><li>• Interference management</li></ul>
<b>12:30 – 14:00</b>	<b>Luncheon</b>
<b>14:00 – 16:00</b>	<b>SESSION 2: Ensuring access to the spectrum, spectrum management processes</b> <b>Session Chairman:</b> tbd <b>Objectives:</b> This session will provide an overview of spectrum management processes and the access to the spectrum. This session specifically addresses: <ul style="list-style-type: none"><li>▪ Allocations</li><li>▪ International spectrum management</li><li>▪ Debating the best assignment model</li><li>▪ Incentive pricing and value of the spectrum (financing SM, spectrum fee)</li><li>▪ Frequency assignment, licensing</li><li>▪ International coordination process</li><li>▪ Dispute resolution</li><li>▪ Consultation with stakeholders</li></ul>
<b>16:00 – 16:15</b>	<b>Coffee-break</b>
<b>16:15 – 18:00</b>	<b>SESSION 3: Spectrum sharing opportunities</b> <b>Session Chairman:</b> tbd <b>Objectives:</b> This session will discuss the ways and opportunities of the spectrum sharing among the users/services. Issues will include: <ul style="list-style-type: none"><li>▪ Harmonization</li><li>▪ Spectrum sharing methods</li><li>▪ Refarming</li></ul>
<b>19:00 – 21:00</b>	<b>Social Event</b>

## Day 2, 2 June 2009

<b>09:00 – 10:30</b>	<b>SESSION 4: Spectrum management automation</b> <b>Session Chairman:</b> tbd <b>Objectives:</b> This session will discuss spectrum engineering tools and provide information about linking automatic spectrum management and monitoring systems. Topics of discussion will be: <ul style="list-style-type: none"><li>• Spectrum engineering tools</li><li>• Automated SM systems</li><li>• Monitoring</li><li>• Linking SM and monitoring systems</li></ul>
<b>10:30 – 10:45</b>	<b>Coffee-break</b>
<b>10:45 – 12:45</b>	<b>SESSION 5: Spectrum management solutions for different services</b> <b>Session Chairman:</b> tbd <b>Objectives:</b> This session will focus on the challenges on spectrum management for different services that the policy makers and regulators face while considering introduction of new services. Emphasis will be on: <ul style="list-style-type: none"><li>▪ Terrestrial (fixed and mobile)</li><li>▪ Satellite</li><li>▪ Digital Broadcasting</li><li>▪ Other services</li></ul>
<b>12:45 – 13:45</b>	<b>Luncheon</b>
<b>13:45 – 15:15</b>	<b>SESSION 6: Regional spectrum management and country experiences</b> <b>Session Chairman:</b> tbd <b>Objectives:</b> This session provides spectrum management experiences of countries and regional spectrum management organizations. Discussion will focus on: <ul style="list-style-type: none"><li>• presentations from the Arab region</li><li>• examples from other countries</li></ul>
<b>15:15 – 15:30</b>	<b>Coffee-break</b>
<b>15:30 – 17:00</b>	<b>SESSION 7: Future trends / techniques in spectrum management</b> <b>Session Chairman:</b> tbd <b>Objectives:</b> This session will focus on the challenges on the trends and new technologies in spectrum management. Topics of discussion will be: <ul style="list-style-type: none"><li>▪ New technologies</li><li>▪ Future of the Spectrum management in the region</li></ul>
<b>17:00 – 18:30</b>	<b>SESSION 8 : Panel Discussion</b> <b>Ways Forward: How to use the spectrum more efficiently?</b> <b>Objective:</b> This discussion aims to examine experience and lessons learned in the Region, and how the points raised in this Forum may be applied to address specific problems encountered or anticipated.

## Day 3, 3 June 2009

<b>09:00 – 10:30</b>	<b>SESSION 9: Introduction of digital broadcasting technologies and services</b> <b>Session Chairman:</b> tbd <b>Objectives:</b> This session will discuss the different broadcasting technologies and services. Topics of discussion will be: <ul style="list-style-type: none"><li>• Digital Terrestrial TV</li><li>• Digital Mobile TV</li><li>• Digital Radio</li><li>• IPTV</li><li>• Source Coding MPEG-4 AVC &amp; MPEG-2</li><li>• Network coverage and design with the suitable reception mode</li><li>• Digital broadcasting related activities of ITU, WBU and other broadcasting organizations</li></ul>
<b>10:30 – 10:45</b>	<b>Coffee-break</b>
<b>10:45 – 12:45</b>	<b>SESSION 9: Cont'd</b>
<b>12:45 – 13:45</b>	<b>Luncheon</b>
<b>13:45 – 15:15</b>	<b>SESSION 10: Transition from analogue to digital broadcasting</b> <b>Session Chairman:</b> tbd <b>Objectives:</b> This session will focus on the challenges of the transition from analogue to digital broadcasting. Discussion will focus on: <ul style="list-style-type: none"><li>• How to create a roadmap</li><li>• Policy and regulatory aspects</li><li>• Economic aspects</li><li>• Technological aspects</li><li>• Consumer aspects</li><li>• Implementing GE 06 Plan</li><li>• SD and/or HD</li><li>• Digital dividend</li><li>• Terrestrial and/or mobile</li><li>• MFN and/or SFN</li></ul>
<b>15:15 – 15:30</b>	<b>Coffee-break</b>
<b>15:30 – 17:00</b>	<b>SESSION 10 Cont'd</b>
<b>17:00 – 18:30</b>	<b>SESSION 11 : Panel Discussion</b> <b>Country experiences: How to move from analogue to digital?</b> <b>Objective:</b> This discussion aims to examine experience and lessons learned in the Region, and how the points raised in this Forum may be applied to address specific problems encountered or anticipated.  The Forum will close with a brief summation by the Chairman of the Forum.