ITU Regional Workshop on SMS4DC for English Speaking countries in Africa.

Abuja, Nigeria , 20-31-May 2013

DAY ONE , MAY,20, 2013	
09h00-10h00	**Opening ceremonial** • Introduction key remarks , NBC, NCC,FMCT, NIGERIA • Key remarks , ITU • Opening remarks by guest of honor, Ministry of Communication , Abuja, Nigeria
10h00-10h30	Coffee break
10h30-12h30	**Session 1:** • Spectrum Management Definition • Spectrum Management Framework • Radio regulations
12h30-14h00	• Lunch
14h00-15h15	• Introduction to SMS4DC • Administrative Functions if SMS4DC • Practical exercises
15h15-15h45	Coffee break
1 15h45-17h00	• Engineering Analysis Functions • Graphical User Interface Functions • Practice exercises

DAY TWO, May, 21, 2013	
09h00-10h30	**Session 2:** • Spectrum Planning framework • International Table of Frequency Allocations

10h30-11h00	Coffee break
11h00-12h30	• National Table of Frequency Allocations • SMS4DC Spectrum Allocation Chart • Editing National Plan and Footnote • Practice exercises
12h30-14.00	• Lunch
14h00-15h15	• SMS4DC Frequency arrangement • Channel Arrangements VHF,UHF,SHF using SMS4DC
15h15-15h45	• Coffee break
15h45-17h00	• Practical exercices

DAY THREE , MAY , 22 ,2013	
09h00-10h30	**Session 3:** • Spectrum Licensing • Access to SMS4DC Licensing Process • Practice exercises
10h30-11h00	• Coffee break
11h00-12h30	• Continue Access to SMS4DC Licensing Process • Practice exercises
12h30-14h00	• Lunch
14h00-15h15	• Import from BR IFIC database to SMS4DC • Point to point, point to multipoint, point to area radio networks Establishment in SMS4DC
15h15-15h45	• Coffee break
15h45-17h00	• Practical exercises

DAY FOUR , MAY, 23, 2013	
09h00-10h30	**Session 4:** • Frequency Assignements in SMS4DC • Practice exercises
10h30-11h00	• Coffee-break

11h00-12h30	• Notification of frequency Assignment for recording in the MIFR using SMS4DC • Practice exercises
12h30-14h00	• Lunch
14h00-15h15	• Understanding of the Items under Data base Menu
15h15-15h45	Coffee break
15h45-17h00	• Practical exercices

DAY FIVE , MAY 24, 2013

09h00-10h30	**Session 5:** • Propagation Models • Radio propagation fundamentals
10h30-11h00	Coffee break
11h00-12h30	• Types of Communication • Parameters of different Propagation Models in SMS4DC
12h30-14h00	Lunch
14h00-15h15	• Network calculation, aggregate field strength, maximum server and best server analysis, coverage area, using SMS4DC. • Practical exercises
15h15-15-45	• Coffee break
15h45-17h00	• Link budget, visibility and availability calculation in point to point systems • Practical exercises

DAY SIX , MAY 27, 2013

09h00-10h30	**Session6:** • GE84 plan using SMS4DC • Practical exercices
10h30-11h00	Coffee break
11h00-12h30	• Interference Analysis • Practical exercises

12h30-14h00	Lunch
14h00-15h15	• GE84 Coordination •Practical exercises
15h15-15h45	Coffee break
15h45-17h00	• GE06 plan using SMS4DC • Practical exercices

DAY SEVEN , MAY, 28, 2013	
09h00-10h30	**Session 7:** • GE06 Coordination • Practical exercises
10h30-11h00	Coffee break
11h00-12h30	• GE06 coverage area, service area calculations • Practical exercises
12h30-14h00	• Lunch
14h00-15h15	• GE06 interference analysis • Practical exercices
15h15-15h45	• Lunch
15h45-17h00	• Practical exercices
DAY EIGHT , MAY 29, 2013	
09h00-10h30	**Session 8:** • User define Agreement using SMS4DC • Practical exercises
10h30-11h00	• Coffee break
11h00-12h30	• Border coordination using SMS4DC • Practical exercises

12h30-14h00	• Lunch
14h00-15h15	• Practical exercises
15h15-15h45	• Coffee break
15h45-17h00	• Practical exercises

DAY NINE , MAY 30, 2013

09h00-10h30	**Session 9:** • Satellites Introduction/Coordination • Earth Station Creation in SMS4DC • Practical exercises
10h30-11h00	Coffee break
11h00-12h30	• Import Space Radiocommunication Station (SRS) • Database into SMS4DC
12h30-14h00	Lunch
14h00-15h15	• Earth Station Coordination Contours • Practical exercises
15h15-15h45	Coffee break
15h45-17h00	• Earth Stations Inference Calculation using SMS4DC • Practical exercises

DAY TEN , MAY, 31, 2013

09h00-10h30	**Session 10:** • Spectrum Monitoring • Interference Calculation in SMS4DC • Practice exercises
10h30-11h00	• Coffee break
11h00-12h30	• Interface to monitoring systems
12h30-14h00	• Lunch

14h00-15h15	• Any other issues
15h15-15h45	• Coffee break
15h45-16h00	• Closing of the regional workshop