NETWORK PLANNING WORKSHOP ACRONYMS

Session 1:   Keynotes

1.3   RESULTS OF WTDC-02

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1.4   NETWORK PLANNING STRATEGIES, EXPERIENCE IN THE REGION

IPTC   Internet Protocol Telephony solutions Carriers
GPRS   General Packet Radio service

Session 2:   Role of Planning in the current Network Architecture Scenario

2.1   STRUCTURE OF THE WORKSHOP AND OBJECTIVES PER MODULE

PTO   Public Telephone Operator

2.2   REQUIREMENTS FOR DECISION MAKING IN NETWORK EVOLUTION, STRATEGIC PLANNING AND NEW TECHNOLOGIES. SOLUTION MAPPING FOR GEO-SCENARIOS

SLA   Service Level Agreement
CAPEX   Capital Expenditure
OPEX   Operations Expenditure
ARMA   Auto Regression Moving Average
ARIMA   Auto Regression Integrated Moving Average
ITC   International Teletraffic Congress
LL   Local Loop
POTS   Plain Old Telephone Service
NE   Network Element
COOP   Cost of Ownership
NGN   New Generation Network
NPV   Net Present Value
BWA   Broadband Wireless Access
CATV   Cable Television
ADSL   Asymmetric Digital Subscriber Line
LLU   Local Loop Unbundling
NWA   Network Wireless Access
WL   Wireline
RSU   Remote Service Unit
DSLAM   Digital Subscriber Line Access Multiplexer
-xDSL   Generic Digital Subscriber Line
CATV/HFC   Cable Television/Hybrid Fiber Coax
APON/FTTH ATM Passive Optical Network/Fiber To The Home

2.3 NETWORK PLANING AT DIFFERENT TIME SCALES, LONG, MEDIUM AND SHORT TERM

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2.4 NETWORK LAYERS FOR PLANNING, ARCHITECTURES AND TECHNOLOGICAL ALTERNATIVES. NGN: WHAT AND HOW

LMDS	Local Multipoint Distribution System
WIP	Wireless Internet Protocol
HFC	Hybrid Fiber Coax
-xDSL	Generic Digital Subscriber Line
xBS	Base Station
BAS	Broadband Access Server
NAS	Network Access Server
MM	Multimedia
DLC	Digital Loop Carrier
FTTU	Fiber To The Unit
VC-12	Virtual Channel/Virtual Container
VC-4	Virtual Channel/Virtual Container
STM-4	Synchronous Transfer Module "4"
ADM	Add/Drop Multiplexer
SOHO	Small Office Home Office
MPLS	Multi-Protocol Label Switching
GMPLS	Generalized Multi-Protocol Label Switching
WLAN	Wireless Local Area Network

Session 3: Integrated Planning Process and related activities

3.1 INTEGRATED PLANNING METHODOLOGY. SCENARIO ANALYSIS AND DATA GATHERING

NM	Network Management
NE	Network Element
SDH	Synchronous Digital Hierarchy
SMS-C	Short Message Service Center
BW	Bandwidth
SOHO	Small Office Home Office
SME	Small Medium Enterprises
POTS	Plain Old Telephone Service
ISDN	Integrated Services Digital Network
ADSL	Asymmetric Digital Subscriber Line
HDSL	High bit rate Digital Subscriber Line
SDSL	Symmetrical Digital Subscriber Line
FO	Fiber Optics
PCR	Peak Cell Rate
SCR	Sustainable Cell rate
ADM	Add/Drop Multiplexer
CxC	Cross Connect
RSU	Remote Service Unit

3.2 SERVICE AND TRAFFIC FORECASTING

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3.3 NETWORK DESIGN AND DIMENSIONING

QoS	Quality of Service
SLA	Service Level Agreement
MTBF	Mean Time Between Failures
MTTR	Mean Time To Repair
CBR	Constant Bit Rate
SBR	Sustainable Cell rate
LEX	Local Exchange
POP	Point of Presence
GW	Gateway
SS	Signaling System
TGW	Trunk Group Warning
DWDM	Dense Wavelength Division Multiplexing
WDM	Wavelength Division Multiplexing

3.4 NETWORK OPTIMIZATION AND COSTING

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3.5 BUSINESS AND INVESTMENT PLAN

IN	Intelligent Network
NPV	Net present value
IRR	Internal rate of return
EVA	Economic Value Added
ROCE	Return on Earnings
CAPEX	Capital Expenditure
OPEX	Operational Expenditure

3.6 CASE STUDIES WITH TRAFFIC FORECASTING, OPTIMIZATION BENEFITS AND IMPACT ON SOLUTIONS

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Session 4:   Specific Network Planning per layer or multiplayer

4.1 SERVICE AND APPLICATIONS MATRIX FORECASTING

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4.2 SWITCHING/ROUTING AN TRANSMISSION PLANNING

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4.3 CONTROL, SIGNALLING AND NM PLANNING

NM	Network management
NE	Network element
TMN	Telecommunications Management Network
DCN	Data Communication Network
MNC	Managed Network Communication
IN	Intelligent Network
PTS	Public Telecommunications Systems
OSS	Operation Support System
CSS	Customer Support System
OSI	Open System Interconnections

4.4 SIGNALING NETWORK PLANNING

SP	Signaling Point
STP	Signaling Transfer Point
MTP	Message Transfer Part
ISUP	Integrated Services Digital Network User Part
IN	Intelligent Network
MSU	Message Signaling Unit

4.5 CASE STUDIES WITH RESULTS AND BENEFITS PER LAYER

NE	Network Element
BW	Bandwidth
TEX	Transit Exchange
LEX	Local Exchange
LEX + CP	Local Exchange + Connection Point
STM	Synchronous Transfer mode
STM-n	Synchronous Transfer module "rate n"
PtP	Point to Point
DLC	Digital Loop Carrier
PMP	Point to Multi-Point
WLL	Wireless Local Loop
ADM	Add/Drop Multiplexer
WNT	Wireless Network Terminal
RSC	Remote Switching Center
RST	Remote Switching Telephone

Session 5:   Supporting Network Planning Tools

5.1 OBJECTIVES AND TOOLS CATEGORIES. STEM TOOL FOR STRATEGIC PLANNING

STEM	Strategic Telecommunication Evaluation Model
TSP	Trunk Sizing Package

SCOOP   Switching Communication Observation Processin
RNP   Radio Network Planning
RNO   Radio Network Operation