Acronyms and Abbreviations

——— *Chapter* ———

This chapter is designed to provide the student with a list of acronyms and abbreviations used in this document, together with an explanation of each acronym and abbreviation.

ERICSSON ≥

Intentionally Blank

100Base-TX	Standard for 100 Mbits/s Ethernet
10Base-T	Standard for 10 Mbits/s Ethernet over twisted copper cables
AAL	ATM Adaptation Layer
ALI	ATM Link Interface
ANSI	American National Standards Institute
APG	Adjunct Processor Group
APT	ABC class for the switching system in AXE
APZ	ABC class denoting the control system in AXE
ASIC	Application Specific Integrated Circuit
AST-DR V3	Announcement Service Terminal – Digital RAM, version 3
ATM	Asynchronous Transfer Mode
AXD 301	ATM switching system from Ericsson
AXE 810	Name for the new AXE released in 2001.
BSC	Base Station Controller (node in GSM).
BYB	ABC class for building practice.
BYB 202	Building practice based on the blue cabinets. Released in 1986.
BYB 501	Building practice based on the grey/brown cabinets.
CBC	Central Building Clock
CCD	Conference Call Device
CDM	Clock Distribution Magazine
CLM	Clock Module
CP	Central Processor
CPU	Central Processor Unit
DAT	Digital Audio Tape

DL	Digital Link
DL2	2:nd generation DL, 32 channels
DL3	3:rd generation DL, 512 channels
DL34	flexible DL, 128-2096 channels
DL5	5:th generation DL, 8192 channels
DLEB	Digital Link multiplexer for Existing equipment Board
DLHB	Digital Link Handling Board
DRAM	Dynamic Random Access Memory
DSP	Digital Signal Processor
ECP	Echo Cancellers in Pool
EDGE	Enhance Data rate for Global Evolution
EMRP	Extension Module Regional Processor
ENGINE	A network from Ericsson based on ATM switching and AXE in combination.
EPSB	Ethernet Packet Switch Board
ET	Exchange Terminal
ET155	Exchange Terminal for 155 Mbit/s
GDM	Generic Device Magazine
GEM	Generic Ericsson Magazine
GPRS	General Packet Radio Service
GPS	Global Positioning System
GS	Group Switch
GSM	Global System for Mobile Communication
HLR	Home Locating Register
HWM 1.3	The APT version based on BYB 501 built with GDM subracks.
HWM 1.4	The APT version released before AXE 810 (ET 155 was introduced)

ICF	Incoming Connection Field
IP	Internet Protocol
IPN	Inter Platform Network
IPNA	IPN Access board
IPNX	IPN switch board
IPU	Instruction Processor Unit
ISA	Industry Standard Architecture
ITU	International Telecommunications Union
LRB	Local Reference Board
MIPS	Million Instruction Per Second
MSC	Mobile Services Switching Centre
MV	Majority Vote
OSE Delta	Operating system from ENEA systems
PCI	Peripheral Component Interconnect
POWC	Power Control Unit
RCM	Reference Clock Module
RFI	Ready For Installation
RP	Regional Processor
RPBC	Regional Processor Bus Converter
RPH	Regional Processor Handler
RPI	Regional Processor Integrated
RPP	PCI based Regional Processor
SCB-RP	Support and Connection Board with RP
SCP	Service Control Point
SDRAM	Synchronous DRAM

SONET	Synchronous Optical Network
SPU	Signal Processor Unit
SRAM	Static Random Access Memory
STC	Signalling Terminal Central
STP	Signalling Transfer Point
STR	Signalling Terminal Remote
STU	Store Unit (memory board in CP)
TCP	Transmission Control Protocol
TDMA	US standard mobile system.
V5	Interface to access nodes (e.g. ENGINE Access Ramp).
XDB	Distributed Switch Board