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**ABKÜRZUNGEN/ABBREVIATIONS/ABRÉVIATIONS**

|        |   |         |  |
|--------|---|---------|--|
| A      | Agent                                       | EXPLOIT | Exploitation of an ATM Technology Testbed for Broadband Experiments and Applications |
| AAL    | ATM Adaptation Layer                        | FDDI    | Fibre Distributed Data Interface   |
| AAL1   | ATM Adaptation Layer No 1                   | FF      | Frame Forwarding   |
| AAL3/4 | ATM Adaptation Layer No 3/4                 | FLEXMUX | Flexible Multiplexer   |
| AAL5   | ATM Adaptation Layer No 5                   | FM      | Fault Management   |
| ACE    | Access Class Enforcement                    | FR      | Frame Relay  |
| AM     | Accounting Management                       | FTP     | File Transfer Protocol   |
| ANSI   | American National Standards Institute       | Gbit/s  | Gigabits per second  |
| AS     | Application Support                         | GRAP    | Graphical Realtime Analyser  |
| ATM    | Asynchronous Transfer Mode                  | GSM     | Global System for Mobile Communication   |
| AUI    | Attachment Unit Interface                   | GUI     | Graphical User Interface   |
| BM     | Business Management                         | HEC     | Header Error Control   |
| B-ISDN | Broadband ISDN                              | HSSI    | High Speed Serial Interface  |
| C4     | SDH Container of order 4                    | HW      | Hardware   |
| CBDS   | Connectionless Broadband Data Service       | ICF     | Information Conversion Function  |
| CBR    | Constant Bit Rate                           | IEEE    | Institute of Electrical and Electronic Engineers                                     |
| CC     | Crossconnect                                | IP      | Internet Protocol  |
| CDV    | Cell Delay Variation                        | ISDN    | Integrated Service Digital Network   |
| CES    | Circuit Emulation Service                   | ISUP    | ISDN User Part   |
| CLAI   | Connectionless Access Interface             | ITU     | International Telecommunication Union  |
| CLNAP  | Connectionless Network Access Protocol      | ITU-T   | Telecommunication Standardization Sector of ITU                                      |
| CLS    | Connectionless Server                       | IWU     | Interworking Unit  |
| CM     | Configuration Management                    | kbit/s  | Kilobits per second  |
| CMIP   | Common Management Information Model         | LAN     | Local Area Network   |
| COS    | Computer's Operation System                 | LATM    | Local ATM  |
| CPCS   | Common Part Convergence Sublayer            | M       | Manager  |
| CPE    | Customer Premises Equipment                 | MA      | Management Application   |
| CPSS   | Controll Packet Switching System            | MAC     | Media Access Control   |
| CS     | Capability Set                              | MAF     | Management Application Function  |
| DCN    | Data Communication Network                  | MAI     | MAN ATM Interface  |
| DECT   | Digital European Cordless Telecommunication | MAN     | Metropolitan Area Network  |
| DQDB   | Distributed Queue Dual Bus                  | Mbit/s  | Megabits per second  |
| DSS2   | Digital Subscriber Signaling System No. 2   | MCF     | Message Communication Function   |
| DSU    | Digital Service Unit                        | MD      | Mediation Device   |
| DTE    | Data Terminal Equipment                     | MF      | Mediation Function   |
| DXI    | Data Exchange Interface                     | MIB     | Management Information Base  |
| E3     | Digital Hierarchy Level 3 (34.368 Mbps)     | MilaNet | Mietleitungsanwendernetz   |
| EAP    | European ATM Pilot                          | MMF     | Multi Mode Fibre   |
| eReS   | electronic Reservation System               | MPEG    | Motion Pictures Expert Group   |

|        |  |           |  |
|--------|--|-----------|--|
| MTU    | Maximum Transfer Unit                        | SIP       | SMDS Interface Protocol  |
| NE     | Network Element                              | SIP_L3    | SMDS Interface Protocol Layer 3  |
| NEF    | Network Element Function                     | SM        | Security Management  |
| NEM    | Network Element Management                   | SM        | Service Multiplexer  |
| NM     | Network Management                           | SMDS      | Switched Multimegabit Data Service   |
| NMC    | Network Management Center                    | SMDS/CBDS | Switched Multimegabit Data Service/<br>Connectionless Broadband Data Service |
| NMS    | Network Management System                    | SNMP      | Simple Network Management Protocol   |
| NMTI   | Network Management Terminal<br>Interface     | STM       | Synchronous Transfer Mode  |
| NNI    | Network Node Interface                       | STM-1     | Synchronous Transport Module Level 1<br>(155.52 Mbps)                        |
| NORA   | Normierter Rechner-Anschluss                 | SVC       | Switched Virtual Circuit   |
| NPC    | Network Parameter Control                    | SwissWAN  | Produktgruppenname für Wide-Area-<br>Network-Dienste                         |
| N-ISDN | Narrowband ISDN                              | TD        | Telecom-Direktion  |
| OAM    | Operation and Maintenance                    | TDM       | Time Division Multiplex  |
| OS     | Operation System                             | TFD       | Technical Framework Document   |
| OSF    | Operation System Function                    | TIFA      | Tele-Informatik-Fakturierung   |
| OT     | Operator Terminal                            | TMN       | Telecommunication Management<br>Network                                      |
| OWG    | Operation Working Group                      | UNI       | User Network Interface   |
| PABX   | Private Automatic Branch Exchange            | UPC       | Usage Parameter Control  |
| PCM    | Pulse Code Modulation                        | UTC       | Universal Time Coordinate  |
| PCR    | Peak Cell Rate                               | VBR       | Variable Bit Rate  |
| PDH    | Plesiochrone Digitale Hierarchie             | VC        | Virtual Channel  |
| PDU    | Protocol Data Unit                           | VCI       | Virtual Channel Identifier   |
| PING   | Packet InterNet Groper                       | VP        | Virtual Path   |
| PLCP   | Physical Layer Convergence Protocol          | VPC       | Virtual Path Connection  |
| PM     | Performance Management                       | VPI       | Virtual Path Identifier  |
| PN     | Public Network                               | WAN       | Wide Area Network  |
| PPS    | Post Processing System                       |           |  |
| PSPDN  | Packet Switched Public Data Network          |           |  |
| PSTN   | Public Switched Telephone Network            |           |  |
| PWG    | Performance Working Group                    |           |  |
| QA     | Q-Adaptor                                    |           |  |
| QAF    | Q-Adaptor Function                           |           |  |
| QOS    | Quality Of Service                           |           |  |
| R      | Router                                       |           |  |
| RET    | Remote Entry Terminal                        |           |  |
| RFC    | Request For Comment                          |           |  |
| ROAMT  | Remote Operation And Maintenance<br>Terminal |           |  |
| R-OT   | Remote Operator Terminal                     |           |  |
| SAR    | Segmentation And Reassembly                  |           |  |
| SCR    | Sustainable Cell Rate                        |           |  |
| SDH    | Synchronous Digital Hierarchy                |           |  |
| SIMUX  | Siemens Intelligente Multiplexersysteme      |           |  |