

**InfoMagic STANDARDS CD-ROM**  
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CCITT

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## Index to Internet FYIs (For Your Information)

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- 25 Foster, J.,ed.: **A Status Report on Networked Information Retrieval: Tools and Groups.** 1994 August; 226 p. (Format: TXT=375469 bytes) (Also RFC 1689)
- 24 Deutsch, P.; Emtage, A.; Marine, A. **How to Use Anonymous FTP.** 1994 May; 13 p. (Format: TXT=27258 bytes) (Also RFC 1635)
- 23 EARN Association. **Guide to Network Resource Tools.** 1994 March; 107 p. (Format: TXT=235112 bytes) (Also RFC 1580)
- 22 Sellers, J. **FYI on Questions and Answers: Answers to Commonly Asked "Primary and Secondary School Internet User" Questions.** 1994 February; 53 p. (Format: TXT=113645 bytes) (Also RFC 1578)
- 21 Weider, C.; Wright, R. **A Survey of Advanced Usages of X.500.** 1993 July; 18 p. (Format: TXT=34884 bytes) (Also RFC 1491)
- 20 Krol, E.; Hoffman, E. **FYI on "What is the Internet?".** 1993 May; 11 p. (Format: TXT=27812 bytes) (Also RFC 1462)
- 19 Hoffman, E.; Jackson, L. **FYI on Introducing the Internet-- A Short Bibliography of Introductory Internetworking Readings or the Network Novice.** 1993 May; 4 p. (Format: TXT=7117 bytes) (Also RFC 1463)
- 18 Malkin, G.; LaQuey Parker, T.,eds. **Internet Users' Glossary.** 1993 January; 53 p. (Format: TXT=104625 bytes) (Also RFC 1392)
- 17 IETF Secretariat; Malkin, G. **The Tao of IETF - A Guide for New Attendees of the Internet Engineering Task Force.** 1994 November; 23 p. (Format: TXT=50477 bytes) (Also RFC 1718) (Obsoletes RFC 1539)
- 17 Malkin, G. The Tao of IETF - A Guide for New Attendees of the Internet Engineering Task Force. 1993 January; 19 p. (Format: TXT=41893 bytes) (Also RFC 1391)
- 16 ACM SIGUCCS Networking Taskforce. **Connecting to the Internet: What Connecting Institutions Should Anticipate.** 1992 August; p 25. (Format: TXT=53450 bytes) (Also RFC 1359)
- 15 Curran, J.; Marine, A. **Privacy and Accuracy Issues in Network Information Center Databases.** 1992 August; 4 p. (Format: TXT=8859 bytes) (Also RFC 1355)
- 14 Weider, C.; Reynolds, J.; Heker, S. **Technical Overview of Directory Services Using the X.500 Protocol.** 1992 March; 16 p. (Format: TXT= 35694 bytes) (Also RFC 1309)
- 13 Weider, C.; Reynolds, J. **Executive Introduction to Directory Services Using the X.500 Protocol.** 1992 March; 4 p. (Format: TXT= 9392 bytes) (Also RFC 1308)
- 12 Sitzler, D.; Smith, P.; Marine, A. **Building a Network Information Services Infrastructure.** 1992 February; 13 p. (Format: TXT=29136 bytes) (Also RFC 1302)
- 11 Getchell, A.; Sataluri, S.,eds. **A Revised Catalog of Available X.500 Implementations.** 1994 May; 94 p. (Format: TXT=124111 bytes) (Also RFC 1632) (Obsoletes RFC 1292, FYI 11)
- 11 Lang, R.; Wright, R.,eds. A Catalog of Available X.500 Impelmentations. 1992 January; 103 p. (Format: TXT=24314 bytes) (Also RFC 1292)
- 10 Martin, J. **There's Gold in them thar Networks! or Searching for Treasure in all the Wrong Places.** 1993 January; 39 p. (Format: TXT=71177 bytes) (Also RFC 1402) (Obsoletes RFC 1290, FYI 10)
- 10 Martin, J. There's Gold in them thar Networks! or Searching for Treasure in all the Wrong Places. 1991 December; 27 p. (Format: TXT=46997 bytes) (Also RFC 1290)



- 9 Malkin, G. **Who's Who in the Internet- Biographies of IAB, IESG and IRSG Members.** 1992 May; 33 p. (Format: TXT=92120 bytes) (Also RFC 1336) (Obsoletes RFC 1251, FYI 9)
- 9 Malkin, G. Who's who in the internet: Biographies of IAB, IESG and IRSG members. 1991 August; 26 p. (Format: TXT=72721 bytes) (Also RFC 1251)
- 8 Holbrook, J.; Reynolds, J.,eds. **Site Security Handbook.** 1991 July; 101 p. (Format: TXT=259129 bytes) (Also RFC 1244)
- 7 Malkin, G.; Marine, A.; Reynolds, J. **FYI on Questions and Answers: Answers to commonly asked "experienced Internet user" questions.** 1991 February; 15 p. (Format: TXT=33385 bytes) (Also RFC 1207)
- 6 Scheifler, R. **FYI on the X window system.** 1991 January; 3 p. (Format: TXT=3629 bytes) (Also RFC 1198)
- 5 Libes, D. **Choosing a name for your computer.** 1990 August; 8 p. (Format: TXT=18472 bytes) (Also RFC 1178)
- 4 Malkin, G.; Marine, A.; Reynolds, J. **FYI on Questions and Answers - Answers to Commonly asked "New Internet User" Questions.** 1994 March; 44 p. (Format: TXT=98753 bytes) (Also RFC 1594) (Obsoletes RFC 1325)
- 4 Malkin, G.; Marine, A. FYI on Questions and Answers - Answers to Commonly asked "New Internet User" Questions. 1992 May; 42 p. (Format: TXT=91885 bytes) (Also RFC 1325) (Obsoletes RFC 1206, RFC 1177)
- 4 Malkin, G.; Marine, A. FYI on Questions and Answers - Answers to Commonly asked "New Internet User" Questions. 1992 February; 32 p. (Format: TXT=72479 bytes) (Also RFC 1206) (Obsoletes RFC 1177; Obsoleted by RFC 1325)
- 3 Bowers, K.; LaQuey Parker, T.; Reynolds, J.; Roubicek, K.; Stahl, M.; Yuan, A. **FYI on where to start: A bibliography of internetworking information.** 1990 August; 42 p. (Format: TXT=67330 bytes) (Also RFC 1175)
- 2 Enger, R.; Reynolds, J.,eds. **FYI on a Network Management Tool Catalog: Tools for Monitoring and Debugging TCP/IP Internets and Interconnected Devices.** 1993 June; 192 p. (Format: TXT=308529 bytes) (Also RFC 1470) (Obsoletes RFC 1147)
- 2 Stine, R.,ed. FYI on a network management tool catalog: Tools for monitoring and debugging TCP/IP internets and interconnected devices. 1990 April; 126 p. (Format: TXT=336906 PS=555225 bytes) (Also RFC 1147)
- 1 Malkin, G.; Reynolds, J. **F.Y.I. on F.Y.I.: Introduction to the F.Y.I. notes.** 1990 March; 4 p. (Format: TXT=7867 bytes) (Also RFC 1150)

## Index to Internet RFCs (Request for Comments)

The following contains citations for all RFCs in reverse numeric order. RFC citations appear in this format:

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(Also FYI ##) (Obsoletes xxx; Obsoleted by xxx; Updates xxx; Updated by xxx)

- 1806 Troost, R.; Dorner, S. **Communicating Presentation Information in Internet Messages: The Content-Disposition Header.** 1995 June; 8p. (Format: TXT= 15548 bytes)
- 1805 Rubin, A. **Location-Independent Data/Software Integrity Protocol.** 1995 June; 6p. (Format: TXT= 13356 bytes)
- 1804 Mansfield, G.; Rajeev, P.; Raghavan, S.; Howes, T. **Schema Publishing in X.500 Directory.** 1995 June; 10p. (Format: TXT= 18268 bytes)
- 1803 Wright, R.; Getchell, A.; Howes, T.; Sataluri, S.; Yee, P.; Yeong, W. **Recommendations for an X.500 Production Directory Service.** 1995 June; 8p. (Format: TXT= 14721 bytes)
- 1802 Alvestrand, H.; Jordan, K.; Langlois, S.; Romaguera, J. **Introducing Project Long Bud: Internet Pilot Project for the Deployment of X.500 Directory Information in Support of X.400 Routing.** 1995 June; 11p. (Format: TXT= 24637 bytes)
- 1801 Kille, S. **MHS use of the X.500 Directory to support MHS Routing.** 1995 June; 73p. (Format: TXT= 156462 bytes)
- 1800 Not yet issued.
- 1799 Not yet issued.
- 1798 Young, A. **Connection-less Lightweight Directory Access Protocol.** 1995 June; 9p. (Format: TXT= 18548 bytes)
- 1797 IANA; ISI **Class A Subnet Experiment.** 1995 April; 4p. (Format: TXT= 6779 bytes)
- 1796 Huitema, C.; Postel, J.; Crocker, S. **Not All RFCs are Standards.** 1995 April; 4p. (Format: TXT= 7049 bytes)
- 1795 Bartky, A., ed.; Wells, L. **Data Link Switching: Switch-to-Switch Protocol AIW DLSw RIG: DLSw Closed Pages, DLSw Standard Version 1.0.** 1995 April; 91p. (Format: TXT= 214848 bytes) (Obsoletes RFC 1434)
- 1794 Brisco, T. **DNS Support for Load Balancing.** 1995; 7p. (Format: TXT= 15494 bytes)
- 1793 Moy, J. **Extending OSPF to Support Demand Circuits.** 1995 April; 32p. (Format: TXT= 78728 bytes)
- 1792 Sung, T. **TCP/IPX Connection Mib Specification.** 1995 April; 9p. (Format: TXT= 16389 bytes)
- 1791 Sung, T. **TCP And UDP Over IPX Networks With Fixed Path MTU.** 1995 April; 12p. (Format: TXT= 22347 bytes)
- 1790 Cerf, V. **An Agreement between the Internet Society and Sun Microsystems, Inc. in the Matter of ONC RPC and XDR Protocols.** 1995 April; 4p. (Format: TXT= 8226 bytes)
- 1789 Yang, C. **INETPhone: Telephone Services and Servers on Internet.** 1995 April; 6p. (Format: TXT= 14186 bytes)
- 1788 Simpson, W. **ICMP Domain Name Messages.** 1995 April; 7p. (Format: TXT= 11722 bytes)
- 1787 Rekhter, Y., ed. **Routing in a Multi-provider Internet.** 1995 April; 8p. (Format: TXT= 20754 bytes)
- 1786 Bates, T.; Gerich, E.; Joncheray, L.; Jouanigot, J-M.; Karrenberg, D.; Terpstra, M.; Yu, J. **Representation of IP Routing Policies in a Routing Registry (ripe-81++).** 1995 March; 83p. (Format: TXT= 133643 bytes)
- 1785 Malkin, G.; Harkin, A. **TFTP Option Negotiation Analysis.** 1995 March; 2p. (Format: TXT= 3354

bytes) (Updates RFC 1350)

- 1784 Malkin, G.; Harkin, A. **TFTP Timeout Interval and Transfer Size Options.** 1995 March; 4p. (Format: TXT= 6106 bytes) (Updates RFC 1350)
- 1783 Malkin, G.; Harkin, A. **TFTP Blocksize Option.** 1995 March; 5p. (Format: TXT= 7814 bytes) (Updates RFC 1350)
- 1782 Malkin, G.; Harkin, A. **TFTP Option Extension.** 1995 March; 6p. (Format: TXT= 11508 bytes) (Updates RFC 1350)
- 1781 Kille, S. **Using the OSI Directory to Achieve User Friendly Naming.** 1995 March; 26p. (Format: TXT= 47129 bytes) (Obsoletes RFC 1484)
- 1780 Postel, J., ed. **INTERNET OFFICIAL PROTOCOL STANDARDS.** 1995 March; 39p. (Format: TXT= 86594 bytes) (Obsoletes RFC 1720, RFC 1610, RFC 1600, RFC 1540, RFC 1500, RFC 1410, RFC 1360 RFC 1280, RFC 1250, RFC 1200, RFC 1140, RFC 1130,)
- 1779 Kille, S. **A String Representation of Distinguished Names.** 1995 March; 8p. (Format: TXT= 12429 bytes) (Obsoletes RFC 1485)
- 1778 Howes, T.; Kille, S.; Yeong, W.; Robbins, C. **The String Representation of Standard Attribute Syntaxes.** 1995 March; 12p. (Format: TXT= 19053 bytes) (Obsoletes RFC 1488)
- 1777 Yeong, W.; Howes, T.; Kille, S. **Lightweight Directory Access Protocol.** 1995 March; 22p. (Format: TXT= 45459 bytes) (Obsoletes 1487)
- 1776 Crocker, S. **The Address is the Message.** 1995 April; 2p. (Format: TXT= 2051 bytes)
- 1775 Crocker, D. **To Be "On" the Internet.** 1995 March; 4p. (Format: TXT= 8455 bytes)
- 1774 Traina, P., ed. **BGP-4 Protocol Analysis.** 1995 March; 10p. (Format: TXT= 23823 bytes)
- 1773 Traina, P. **Experience with the BGP-4 protocol.** 1995 March; 9p. (Format: TXT= 19936 bytes) (Obsoletes RFC 1656)
- 1772 Rekhter, Y.; Gross, P., eds. **Application of the Border Gateway Protocol in the Internet.** 1995 March; 19p. (Format: TXT= 43916 bytes) (Obsoletes RFC 1655)
- 1771 Rekhter, Y.; Li, T., eds. **A Border Gateway Protocol 4 (BGP-4).** 1995 March; 57p. (Format: TXT= 131903 bytes) (Obsoletes RFC 1654)
- 1770 Graff, C. **IPv4 Option for Sender Directed Multi-Destination Delivery.** 1995 March; 6p. (Format: TXT= 11606 bytes)
- 1769 Mills, D. **Simple Network Time Protocol (SNTP).** 1995 March; 14p. (Format: TXT= 34454 bytes) (Obsoletes RFC 1361)
- 1768 Marlow, D. **Host Group Extensions for CLNP Multicasting.** 1995 March; 45p. (Format: TXT= 111499 bytes)
- 1767 Crocker, D. **MIME Encapsulation of EDI Objects.** 1995 March; 7p. (Format: TXT= 15293 bytes)
- 1766 Alvestrand, H. **Tags for the Identification of Languages.** 1995 March; 9p. (Format: TXT= 16966 bytes)
- 1765 Moy, J. **OSPF Database Overflow.** 1995 March; 9p. (Format: TXT= 21613 bytes)
- 1764 Senum, S. **The PPP XNS IDP Control Protocol (XNSCP).** 1995 March; 5p. (Format: TXT= 9525 bytes)
- 1763 Senum, S. **The PPP Banyan Vines Control Protocol (BVCP).** 1995 March; 10p. (Format: TXT= 17817 bytes)
- 1762 Senum, S. **The PPP DECnet Phase IV Control Protocol (DNCP).** 1995 March; 7p. (Format: TXT= 12709 bytes) (Obsoletes RFC 1376)
- 1761 Callaghan, B.; Gilligan, R. **Snoop Version 2 Packet Capture File Format.** 1995 February; 6p. (Format: TXT= 10761 bytes)

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- 877 Korb, J. **Standard for the transmission of IP datagrams over public data networks.** 1983 September; 2 p. (Format: TXT=3385 bytes) (Obsoleted by RFC 1356)
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- 869 Hinden, R. **Host Monitoring Protocol.** 1983 December; 70 p. (Format: TXT=98720 bytes)
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- 860 Postel, J.; Reynolds, J. **Telnet timing mark option.** 1983 May; 4 p. (Format: TXT=8108 bytes) (Obsoletes NIC 16238)
- 859 Postel, J.; Reynolds, J. **Telnet status option.** 1983 May; 3 p. (Format: TXT=4443 bytes) (Obsoletes RFC 651)



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- 857 Postel, J.; Reynolds, J. **Telnet echo option.** 1983 May; 5 p. (Format: TXT=11143 bytes) (Obsoletes NIC 15390)
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- 853 Not issued.
- 852 Malis, A. **ARPANET short blocking feature.** 1983 April; 13 p. (Format: TXT=17151 bytes)
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- 847 Smallberg, D.; Westine, A.; Postel, J. **Summary of Smallberg surveys. 1983 February; 2 p. (Format: TXT=3906 bytes)** (Obsoletes RFC 846)
- 846 Smallberg, D. **Who talks TCP? - survey of 22 February 1983.** 1983 February 23; 14 p. (Format: TXT=46421 bytes) (Obsoletes RFC 845; Obsoleted by RFC 847)
- 845 Smallberg, D. **Who talks TCP? - survey of 15 February 1983.** 1983 February 17; 14 p. (Format: TXT=46806 bytes) (Obsoletes RFC 843; Obsoleted by RFC 846)
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- 841 National Bureau of Standards; NBS **Specification for message format for Computer Based Message Systems.** 1983 January 27; 110 p. (Format: TXT=238774 bytes) (Obsoletes RFC 806)
- 840 Postel, J. **Official protocols.** 1983 April 13; 23 p. (Format: TXT=34868 bytes) (Obsoleted by RFC 880)
- 839 Smallberg, D. **Who talks TCP?.** 1983 January 26; 14 p. (Format: TXT=45987 bytes) (Obsoletes RFC 838; Obsoleted by RFC 842)
- 838 Smallberg, D. **Who talks TCP?.** 1983 January 20; 14 p. (Format: TXT=45844 bytes) (Obsoletes RFC 837; Obsoleted by RFC 839)
- 837 Smallberg, D. **Who talks TCP?.** 1983 January 12; 14 p. (Format: TXT=45627 bytes) (Obsoletes RFC 836; Obsoleted by RFC 838)
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- 834 Smallberg, D. **Who talks TCP?**. 1982 December 22; 13 p. (Format: TXT=43512 bytes) (Obsoletes RFC 833; Obsoleted by RFC 835)
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- 832 Smallberg, D. **Who talks TCP?**. 1982 December 7; 13 p. (Format: TXT=43518 bytes) (Obsoleted by RFC 833)
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- 822 Crocker, D. **Standard for the format of ARPA Internet text messages. 1982 August 13; 47 p. (Format: TXT=109200 bytes)** (Obsoletes RFC 733; Updated by RFC 1327, RFC 1148, RFC 1138)
- 821 Postel, J. **Simple Mail Transfer Protocol**. 1982 August; 58 p. (Format: TXT=124482 bytes) (Obsoletes RFC 788)
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- 805 Postel, J. **Computer mail meeting notes.** 1982 February 8; 6 p. (Format: TXT=12522 bytes)
- 804 International Telecommunication Union, International Telegraph and Telephone Consultative Committee; ITU CCITT **CCITT draft recommendation T.4 [Standardization of Group 3 facsimile apparatus for document transmission].** 1981; 12 p. (Format: TXT=17025 bytes)
- 803 Agarwal, A.; O'Connor, M.; Mills, D. **Dacom 450/500 facsimile data transcoding.** 1981 November 2; 14 p. (Format: TXT=33826 bytes)
- 802 Malis, A. **ARPANET 1822L Host Access Protocol.** 1981 November; 43 p. (Format: TXT=62470 bytes) (Obsoleted by RFC 851)
- 801 Postel, J. **NCP/TCP transition plan.** 1981 November; 21 p. (Format: TXT=42041 bytes)
- 800 Postel, J.; Vernon, J. **Requests For Comments Summary Notes: 700-799.** 1982 November; 10 p. (Format: TXT=18354 bytes)
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- 792 Postel, J. **Internet Control Message Protocol.** 1981 September; 21 p. (Format: TXT=30404 bytes) (Obsoletes RFC 777; Updated by RFC 950)
- 791 Postel, J. **Internet Protocol.** 1981 September; 45 p. (Format: TXT=97779 bytes) (Obsoletes RFC 760; Updated by RFC 1349)
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- 784 Sluizer, S.; Postel, J. **Mail Transfer Protocol: ISI TOPS20 implementation.** 1981 July; 3 p. (Format: TXT=6030 bytes)
- 783 Sollins, K. **TFTP Protocol (revision 2).** 1981 June; 18 p. (Format: TXT=23522 bytes) (Obsoletes

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- 782 Nablisky, J.; Skelton, A. **Virtual Terminal management model.** 1981; 20 p. (Format: TXT=44887 bytes)
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- 780 Sluizer, S.; Postel, J. **Mail Transfer Protocol.** 1981 May; 43 p. (Format: TXT=82951 bytes) (Obsoletes RFC 772; Obsoleted by RFC 788)
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- 776 Postel, J. **Assigned numbers.** 1981 January; 13 p. (Format: TXT=31065 bytes) (Obsoletes RFC 770; Obsoleted by RFC 1340)
- 775 Mankins, D.; Franklin, D.; Owen, A. **Directory oriented FTP commands.** 1980 December; 6 p. (Format: TXT=9822 bytes)
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- 772 Sluizer, S.; Postel, J. **Mail Transfer Protocol.** 1980 September; 31 p. (Format: TXT=62858 bytes) (Obsoleted by RFC 780)
- 771 Cerf, V.; Postel, J. **Mail transition plan.** 1980 September; 9 p. (Format: TXT=19154 bytes)
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- 744 Sattley, J. **MARS - A Message Archiving & Retrieval Service.** 1978 January 8; 6 p. (Format: TXT=11337 bytes)
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- 739 Postel, J. **Assigned numbers.** 1977 November 11; 11 p. (Format: TXT=16983 bytes) (Obsoletes RFC 604, RFC 503; Obsoleted by RFC 1340)
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- 732 Day, J. **Telnet Data Entry Terminal option.** 1977 September 12; 30 p. (Format: TXT=58929 bytes) (Obsoletes RFC 731; Updated by RFC 1043)
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- 727 Crispin, M. **Telnet logout option.** 1977 April 27; 3 p. (Format: TXT=5850 bytes)
- 726 Postel, J.; Crocker, D. **Remote Controlled Transmission and Echoing Telnet option.** 1977 March 8; 16 p. (Format: TXT=39594 bytes)
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- 722 Haverty, J. **Thoughts on interactions in distributed services.** 1976 September 16; 20 p. (Format: TXT=30278 bytes)
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- 718 Postel, J. **Comments on RCTE from the Tenex implementation experience.** 1976 June 30; 2 p. (Format: TXT=3944 bytes)
- 717 Postel, J. **Assigned network numbers.** 1976 July 1; 2 p. (Format: TXT=2430 bytes)
- 716 Walden, D.; Levin, J. **Interim revision to Appendix F of BBN 1822.** 1976 May 24; 2 p. (Format: TXT=3451 bytes)
- 715 Not issued.
- 714 McKenzie, A. **Host-Host Protocol for an ARPANET-type network (Not online)** 1976 April 21; 43 p.
- 713 Haverty, J. **MSDTP-Message Services Data Transmission Protocol.** 1976 April 6; 29 p. (Format: TXT=42452 bytes)
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- 711 Not issued.
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- 708 White, J. **Elements of a distributed programming system.** 1976 January 28; 29 p. (Format: TXT=59595 bytes)
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- 704 Santos, P. **IMP/Host and Host/IMP Protocol change.** 1975 September 15; 3 p. (Format: TXT=7676 bytes) (Obsoletes RFC 687)
- 703 Dodds, D. **July, 1975, survey of New-Protocol Telnet Servers (Not online)** 1975 July 11; 2 p.
- 702 Dodds, D. **September, 1974, survey of New-Protocol Telnet servers (Not online)** 1974 September 25; 2 p.
- 701 Dodds, D. **August, 1974, survey of New-Protocol Telnet servers.** 1974 August; 2 p. (Format: TXT=3662 bytes)
- 700 Mader, E.; Plummer, W.; Tomlinson, R. **Protocol experiment.** 1974 August; 6 p. (Format: TXT=14931)

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- 699 Postel, J.; Vernon, J. **Requests For Comments Summary Notes: 600-699.** 1982 November; 9 p. (Format: TXT=15219 bytes)
- 698 Mock, T. **Telnet extended ASCII option.** 1975 July 23; 4 p. (Format: TXT=5307 bytes)
- 697 Lieb, J. **CWD command of FTP (Not online)** 1975 July 14; 2 p.
- 696 Cerf, V. **Comments on the IMP/Host and Host/IMP Protocol changes (Not online)** 1975 July 13; 2 p.
- 695 Krilanovich, M. **Official change in Host-Host Protocol.** 1975 July 5; 2 p. (Format: TXT=3527 bytes)
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- 407 Bressler, R. **Remote Job Entry Protocol.** 1972 October 16; 24 p. (Format: TXT=48770 bytes)  
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- 406 McQuillan, J. **Scheduled IMP software releases (Not online)** 1972 October 10; 2 p.
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- 403 Hicks, G. **Desirability of a network 1108 service (Not online)** 1973 January 10; 5 p.
- 402 North, J. **ARPA Network mailing lists (Not online)** 1972 October 26; 8 p. (Obsoletes RFC 363)
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- 316 McKay, D.; Mullery, A. **ARPA Network Data Management Working Group (Not online)** 1972 February 23; 10 p.
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- 299 Hopkin, D. **Information management system (Not online)** 1972 February 11; 1 p.
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- 253 Moorer, J. **Second Network Graphics meeting details (Not online)** 1971 October 19; 1 p.
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- 251 Stern, D. **Weather data (Not online)** 1971 October 13; 2 p.
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- 239 Braden, R. **Host mnemonics proposed in RFC 226 (NIC 7625) (Not online)** 1971 September 23; 1 p.
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- 221 Watson, R. **Mail Box Protocol: Version 2 (Not online)** 1971 August 27; 5 p. (Obsoletes RFC 196; Obsoleted by RFC 278)
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- 190 Deutsch, L. **DEC PDP-10-IMLAC communications system (Not online)** 1971 July 13; 15 p.
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- 184 Kelley, K.C. **Proposed graphic display modes (Not online)** 1971 July 6; 7 p.
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- 178 Cotton, I. **Network graphic attention handling (Not online)** 1971 June 27; 18 p.
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- 176 Bhushan, A.; Kanodia, R.; Metcalfe, R.; Postel, J. **Comments on "Byte size for connections" (Not online)** 1971 June 14; 5 p.
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- 167 Bhushan, A.; Metcalfe, R.; Winett, J. **Socket conventions reconsidered (Not online)** 1971 May 24; 7 p.
- 166 Anderson, R.; Cerf, V.; Harslem, E.; Heafner, J.; Madden, J.; Metcalfe, R.; Shoshani, A.; White, J.; Wood, D. **Data Reconfiguration Service: An implementation specification (Not online)** 1971 May 25; 24 p.
- 165 Postel, J. **Proffered official Initial Connection Protocol (Not online) 1971 May 25; 6 p.** (Obsoletes RFC 145, RFC 143, RFC 123; Updated by NIC 7101)
- 164 Heafner, J. **Minutes of Network Working Group meeting, 5/16 through 5/19/71 (Not online)** 1971 May 25; 38 p.
- 163 Cerf, V. **Data transfer protocols (Not online)** 1971 May 19; 3 p.
- 162 Kampe, M. **NETBUGGER3 (Not online)** 1971 May 22; 1 p.
- 161 Shoshani, A. **Solution to the race condition in the ICP (Not online)** 1971 May 19; 2 p.
- 160 Stanford Research Inst., Network Information Center; SRI NIC **RFC brief list (Not online)** 1971 May 18; 4 p. (Obsoleted by RFC 200; Updates NIC 6716)
- 159 Not issued.
- 158 O'Sullivan, T. **Telnet Protocol: A proposed document (Not online)** 1971 May 19; 11 p. (Obsoleted by RFC 495; Updates RFC 139; Updated by RFC 318)
- 157 Cerf, V. **Invitation to the Second Symposium on Problems in the Optimization of Data Communications Systems (Not online)** 1971 May 12; 1 p.
- 156 Bouknight, J. **Status of the Illinois site: Response to RFC 116 (Not online)** 1971 April 26; 1 p. (Updates RFC 116)
- 155 North, J. **ARPA Network mailing lists (Not online)** 1971 May; 5 p. (Obsoletes RFC 95; Obsoleted by RFC 168)
- 154 Crocker, S. **Exposition style (Not online)** 1971 May 12; 1 p. (Obsoletes RFC 132)
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- 152 Wilber, M. **SRI Artificial Intelligence status report (Not online)** 1971 May 10; 1 p.
- 151 Shoshani, A. **Comments on a proffered official ICP: RFCs 123, 127 (Not online)** 1971 May 10; 3 p. (Updates RFC 127)
- 150 Kalin, R. **Use of IPC facilities: A working paper (Not online)** 1971 May 5; 16 p.
- 149 Crocker, S. **Best laid plans.** 1971 May 10; 1 p. (Format: TXT=713 bytes) (Updates RFC 140)
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- 147 Winett, J. **"Definition of a socket" (Not online)** 1971 May 7; 2 p. (Updates RFC 129)
- 146 Karp, P.; McKay, D.; Wood, D. **Views on issues relevant to data sharing on computer networks (Not online)** 1971 May 12; 7 p.
- 145 Postel, J. **Initial Connection Protocol control commands (Not online) 1971 May 4; 1 p.** (Obsoletes RFC 127; Obsoleted by RFC 165)



- 144 Shoshani, A. **Data sharing on computer networks (Not online)** 1971 April 30; 8 p.
- 143 Naylor, W.; Wong, J.; Kline, C.; Postel, J. **Regarding proffered official ICP (Not online)** 1971 May 3; 4 p. (Obsoleted by RFC 165)
- 142 Kline, C.; Wong, J. **Time-out mechanism in the Host-Host Protocol (Not online)** 1971 May 3; 3 p.
- 141 Harslem, E.; Heafner, J. **Comments on RFC 114: A File Transfer Protocol (Not online)** 1971 April 29; 2 p. (Updates RFC 114)
- 140 Crocker, S. **Agenda for the May NWG meeting (Not online)** 1971 May 4; 3 p. (Updated by RFC 149)
- 139 O'Sullivan, T. **Discussion of Telnet Protocol (Not online)** 1971 May 7; 11 p. (Updates RFC 137; Updated by RFC 158)
- 138 Anderson, R.; Cerf, V.; Harslem, E.; Heafner, J.; Madden, J.; Metcalfe, R.; Shoshani, A.; White, J.; Wood, D. **Status report on proposed Data Reconfiguration Service (Not online)** 1971 April 28; 30 p.
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\* Settlement of international telecommunication balances of accounts

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- D.232** (06/92) [Rev.1] [7 pp.] [Publ.: Jul.92]  
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- D.305** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.307** R (07/91) [Rev.1] [4 pp.] [Publ.: Sep.91]  
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- D.310** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.390** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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\* Recommendations applicable in Latin America

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\* Recommendations applicable in Asia and Oceania

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\* Definitions

E.100 (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Definitions of terms used in international telephone operation

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\* General provisions concerning users

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- E.122** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.123** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.124** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.126** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.128** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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\* Maritime mobile service and public land mobile service

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- E.211** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.231** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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Charging for calls to subscriber's station connected either to the absent subscriber's service or to a device substituting a subscriber in his absence Note - Same as D.104

\* Procedures for remuneration of Administrations for facilities made available

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\* Measuring and recording call durations for accounting purposes

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User control of ISDN-supported services

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**E.333** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.423** (1988) [Blue Book Fasc. II.3] [Publ.: Jan.89]  
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- E.426** (10/92) [Rev.1] [1 pp.] [Publ.: Jun.93]  
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- E.428** (10/92) [Rev.1] [2 pp.] [Publ.: May.93]  
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- E.430** (06/92) [New] [3 pp.] [Publ.: Jul.92]  
**Quality of service framework**
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- F.163** (08/92) [New] [8 pp.] [Publ.: Dec.92]  
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**General operational provisions for the international public facsimile service between subscribers' stations (telefax)**

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**Operational provisions for the international public facsimile service between subscribers' stations with group 3 facsimile machines (telefax 3)**

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**Operational provisions for the international public facsimile service between subscriber stations with group 4 facsimile machines (telefax 4)**

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**Operational provisions for the international facsimile service between public bureaux and subscriber stations and vice versa (bureaufax - telefax and vice versa)**

\* Teletex service

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**Teletex service**

**F.201** (1993) [Rev.1] [12 pp.] [Publ.: Jan.94]

**Interworking between teletex service and telex service - General principles Note - Same as F.81**

**F.202** (1988) [Blue Book Fasc. II.5] [Publ.: Dec.89]

Interworking between the telex service and the teletex service - General procedures and operational requirements for the international interconnection of telex/teletex conversion facilities

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Network based storage for the teletex service

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**Service requirements unique to the processable mode number eleven (PM11) used within the teletex service**

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**Videotex service**

\* General

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Message handling services: Intercommunication between the IPM service and the teletex service

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**Message handling services: The voice messaging service**

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**International public directory services**

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**Guidelines for programming communication interfaces (PCIs) definition: service Recommendation**

\* Data transmission services

F.600 (1993) [Rev.1] [7 pp.] [Publ.: Oct.93]

**Service and operational principles for public data transmission services**

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F.710 (03/91) [New] [12 pp.] [Publ.: Jul.91] [PN: F.711]

**General principles for audiographic conference service Note - Same as AV.110**

F.711 (08/93) [New] [8 pp.] [Publ.: Jul.94]

**Audiographic conference teleservice for ISDN Note - Same as AV.111. C: 174/11/30**

F.720 (08/92) [New] [9 pp.] [Publ.: Mar.93]

**Videotelephony services - General**

Note - Same as AV.120

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**Videotelephony teleservice for ISDN Note - Same as AV.121**

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**Videoconference service - General Note - Same as AV.130**

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Service oriented requirements for telewriting applications

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**Listener echo in telephone networks**

\* 4-wire chain formed by the international circuits and national extension circuits

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\* 4-wire chain of international circuits; international transit

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\* International telephone circuits and national extension circuits

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Characteristics appropriate to long-distance circuits of a length not exceeding 2500 km

**G.153** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]  
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\* Apparatus associated with long-distance telephone circuits

**G.162** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]  
Characteristics of companders for telephony

**G.164** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]  
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G.165 (1993) [Rev.1] [27 pp.] [Publ.: Mar.94]

**Echo cancellers**

**G.166** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Characteristics of syllabic companders for telephony on high capacity long distance systems

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\* Transmission plan aspects of special circuits and connections using the int. tel. connection network

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Transmission plan aspects of international conference calls

G.173 (1993) [New] [18 pp.] [Publ.: Jul.94]

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G.174 (06/94) [New] [16 pp.]

Transmission performance objectives for terrestrial digital wireless systems using portable terminals to access the PSTN Note - C: 41/67/85

\* Protection and restoration of transmission systems

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Characteristics of N + M type direct transmission restoration systems for use on digital and analogue sections, links or equipment

G.181 (1993) [Rev.1] [3 pp.] [Publ.: Jan.94]

Characteristics of 1 + 1 type restoration systems for use on digital transmission links

\* Software tools for transmission systems

G.191 (1993) [New] [7 pp.] [Publ.: Jan.94]

Software tools for speech and audio coding standardization

\* Definitions and general considerations

G.211 (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

Make-up of a carrier link

G.212 (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

Hypothetical reference circuits for analogue systems

G.213 (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

Interconnection of systems in a main repeater station

G.214 (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

Line stability of cable systems

G.215 (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

Hypothetical reference circuit of 5000 km for analogue systems

\* General Recommendations

G.221 (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

Overall recommendations relating to carrier-transmission systems

G.222 (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

Noise objectives for design of carrier-transmission systems of 2500 km

G.223 (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

Assumptions for the calculation of noise on hypothetical reference circuits for telephony

G.224 (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

Maximum permissible value for the absolute power level (power referred to one milliwatt) of a signalling pulse Note - Same as Q.16 (which was deleted)

- G.225** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Recommendations relating to the accuracy of carrier frequencies
- G.226** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Noise on a real link
- G.227** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Conventional telephone signal
- G.228** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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- G.229** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Unwanted modulation and phase jitter

\* Translating equipment used on various carrier-transmission systems

- G.230** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Measuring methods for noise produced by modulating equipment and through-connection filters
- G.231** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Arrangement of carrier equipment
- G.232** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
12-channel terminal equipments
- G.233** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Recommendations concerning translating equipments

\* Utilization of groups, supergroups, etc.

- G.241** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Pilots on groups, supergroups, etc.
- G.242** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Through-connection of groups, supergroups, etc.
- G.243** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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\* Carrier telephone systems on unloaded symmetric cable pairs, providing groups or supergroups

- G.322** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
General characteristics recommended for systems on symmetric pair cables
- G.325** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
General characteristics recommended for systems providing 12 telephone carrier circuits on a symmetric cable pair [(12 + 12) systems]

\* Carrier systems on 2.6/9.5 mm coaxial cable pairs

- G.332** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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- G.333** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
60 MHz systems on standardized 2.6/9.5 mm coaxial cable pairs
- G.334** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
18 MHz systems on standardized 2.6/9.5 mm coaxial cable pairs

\* Carrier systems on 1.2/4.4 mm coaxial cable pairs

- G.341** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
1.3 MHz systems on standardized 1.2/4.4 mm coaxial cable pairs
- G.343** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]

- 4 MHz systems on standardized 1.2/4.4 mm coaxial cable pairs  
**G.344** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
6 MHz systems on standardized 1.2/4.4 mm coaxial cable pairs  
**G.345** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
12 MHz systems on standardized 1.2/4.4 mm coaxial cable pairs  
**G.346** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
18 MHz systems on standardized 1.2/4.4 mm coaxial cable pairs

\* Additional Recommendations on cable systems

- G.352** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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\* General Recommendations

- G.411** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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\* Interconnection of radio-relay links with carrier systems on metallic lines

- G.421** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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**G.422** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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**G.423** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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\* Hypothetical reference circuits

- G.431** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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\* Circuit noise

- G.441** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Permissible circuit noise on frequency-division multiplex radio-relay systems  
**G.442** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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\* Radiotelephone circuits

- G.451** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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\* Links with mobile stations

- G.473** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Interconnection of a maritime mobile satellite system with the international automatic switched telephone service transmission aspects

\* Transmission media characteristics - General

- G.601** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]

Terminology for cables

- G.602** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
Reliability and availability of analogue cable transmission systems and associated equipments

\* Symmetric cable pairs

- G.611** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
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- G.612** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
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- G.613** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
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- G.614** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
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\* Land coaxial cable pairs

- G.621** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
Characteristics of 0.7/2.9 mm coaxial cable pairs
- G.622** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
Characteristics of 1.2/4.4 mm coaxial cable pairs
- G.623** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
Characteristics of 2.6/9.5 mm coaxial cable pairs

\* Submarine cables

- G.631** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
Types of submarine cable to be used for systems with line frequencies of less than about 45 MHz

\* Optical fibre cables

- G.650** (1993) [New] [46 pp.] [Publ.: Mar.94]  
**Definition and test methods for the relevant parameters of single-mode fibres**
- G.651** (1993) [Rev.1] [31 pp.] [Publ.: Apr.94]  
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- G.652** (1993) [Rev.1] [8 pp.] [Publ.: Feb.94]  
**Characteristics of a single-mode optical fibre cable**
- G.653** (1993) [Rev.1] [5 pp.] [Publ.: Jan.94]  
**Characteristics of a dispersion-shifted single-mode optical fibre cable**
- G.654** (1993) [Rev.1] [3 pp.] [Publ.: Nov.93]  
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- G.661** (1993) [New] [3 pp.] [Publ.: Jan.94]  
**Definition and test methods for the relevant generic parameters of optical fibre amplifiers**

\* Digital transmission systems - Terminal equipments - General

- G.701** (1993) [Rev.1] [37 pp.] [Publ.: Apr.94]  
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- G.702** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Digital hierarchy bit rates



- G.703 (04/91) [Rev.1] [39 pp.] [Publ.: Sep.91]  
**Physical/electrical characteristics of hierarchical digital interfaces**
- G.704 (04/91) [Rev.1] [32 pp.] [Publ.: Oct.91]  
**Synchronous frame structures used at primary and secondary hierarchical levels**
- G.705 (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
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- G.706 (04/91) [Rev.1] [16 pp.] [Publ.: Aug.91]  
**Frame alignment and cyclic redundancy check (CRC) procedures relating to basic frame structures defined in Recommendation G.704**
- G.707 (1993) [Rev.2] [2 pp.] [Publ.: Aug.93]  
**Synchronous digital hierarchy bit rates**
- G.708 (1993) [Rev.2] [16 pp.] [Publ.: Nov.93]  
**Network node interface for the synchronous digital hierarchy**
- G.709 (1993) [Rev.2] [53 pp.] [Publ.: Dec.93]  
**Synchronous multiplexing structure**

\* Coding of analogue signals by pulse code modulation

- G.711 (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Pulse code modulation (PCM) of voice frequencies
- G.712 (09/92) [Rev.1] [29 pp.] [Publ.: Feb.93]  
**Transmission performance characteristics of pulse code modulation Note - Replaces G.713, G.714, G.715**

\* Coding of analogue signals by methods other than PCM

- G.722 (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
7 kHz audio-coding within 64 kbit/s
- G.722 A (1993) [New] [3 pp.] [Publ.: Feb.94]  
**Testing signal-to-total distortion ratio for 7 kHz audio-coders at 64 kbit/s Recommendation G.722 connected back-to-back Note - Annex to G.722**
- G.724 (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of a 48-channel low bit rate encoding primary multiplex operating at 1544 kbit/s
- G.725 (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
System aspects for the use of the 7 kHz audio codec within 64 kbit/s Note - Note for the Catalogue
- G.726 (12/90) [New] [57 pp.] [Publ.: Apr.91] [PN: G.721 + G.723]  
**40, 32, 24, 16 kbit/s adaptive differential pulse code modulation (ADPCM)**
- G.726 III (05/94) [New] [Publ. sched.: Dec.94]  
**Appendix III to Recommendation G.726 - Comparison of ADPCM algorithms Note - Same as Appendix II to Rec. G.727**
- G.727 (12/90) [New] [55 pp.] [Publ.: May.91]  
**5-, 4-, 3- and 2-bits/sample embedded adaptive differential pulse code modulation (ADPCM)**
- G.727 II (05/94) [New] [Publ. sched.: Dec.94]  
**Appendix II to Recommendation G.727 - Comparison of ADPCM algorithms Note - Same as Appendix III to Rec. G.726**
- G.728 (09/92) [New] [63 pp.] [Publ.: Dec.92]  
**Coding of speech at 16 kbit/s using low-delay code excited linear prediction**

\* Principal characteristics of primary multiplex equipment

- G.731 (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Primary PCM multiplex equipment for voice frequencies

- G.732** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of primary PCM multiplex equipment operating at 2048 kbit/s
- G.733** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of primary PCM multiplex equipment operating at 1544 kbit/s
- G.734** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of synchronous digital multiplex equipment operating at 1544 kbit/s
- G.735** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of primary PCM multiplex equipment operating at 2048 kbit/s and offering synchronous digital access at 384 kbit/s and/or 64 kbit/s
- G.736** (1993) [Rev.1] [6 pp.] [Publ.: Mar.94]  
**Characteristics of a synchronous digital multiplex equipment operating at 2048 kbit/s**
- G.737** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of an external access equipment operating at 2048 kbit/s offering synchronous digital access at 384 kbit/s and/or 64 kbit/s
- G.738** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of primary PCM multiplex equipment operating at 2048 kbit/s and offering synchronous digital access at 320 kbit/s and/or 64 kbit/s
- G.739** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
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\* Principal characteristics of second order multiplex equipments

- G.741** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
General considerations on second order multiplex equipments
- G.742** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Second order digital multiplex equipment operating at 8448 kbit/s and using positive justification
- G.743** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Second order digital multiplex equipment operating at 6312 kbit/s and using positive justification
- G.744** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Second order PCM multiplex equipment operating at 8448 kbit/s
- G.745** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Second order digital multiplex equipment operating at 8448 kbit/s and using positive/zero/negative justification
- G.746** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of second order PCM multiplex equipment operating at 6312 kbit/s
- G.747** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Second order digital multiplex equipment operating at 6312 kbit/s and multiplexing three tributaries at 2048 kbit/s

\* Principal characteristics of higher order multiplex equipments

- G.751** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Digital multiplex equipments operating at the third order bit rate of 34 368 kbit/s and the fourth order bit rate of 139 264 kbit/s and using positive justification
- G.752** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of digital multiplex equipments based on a second order bit rate of 6312 kbit/s and using positive justification
- G.753** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Third order digital multiplex equipment operating at 34 368 kbit/s and using positive/zero/negative justification
- G.754** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]

Fourth order digital multiplex equipment operating at 139 264 kbit/s and using positive/zero/negative justification

- G.755** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Digital multiplex equipment operating at 139 264 kbit/s and multiplexing three tributaries at 44 736 kbit/s

\* Principal characteristics of transcoder and digital multiplication equipments

- G.761** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
General characteristics of a 60-channel transcoder equipment

- G.762** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
General characteristics of a 48-channel transcoder equipment

- G.763** (01/94) [Rev.2] [Publ. sched.: Dec.94]

**Digital circuit multiplication equipment using ADPCM (Recommendation G.726) and digital speech interpolation Note - C: 13/35/52**

- G.764** (12/90) [New] [21 pp.] [Publ.: May.91]

**Voice packetization - Packetized voice protocols**

- G.765** (09/92) [New] [111 pp.] [Publ.: Apr.93]

**Packet circuit multiplication equipment**

- G.766** (09/92) [New] [113 pp.] [Publ.: Apr.93]

**Facsimile demodulation/remodulation for digital circuit multiplication equipment**

\* Operations, administration and maintenance features of transmission equipment

- G.772** (1993) [Rev.1] [5 pp.] [Publ.: Feb.94]

**Protected monitoring points provided on digital transmission systems**

- G.773** (1993) [Rev.1] [17 pp.] [Publ.: Feb.94]

**Protocol suites for Q-interfaces for management of transmission systems**

- G.774** (09/92) [New] [101 pp.] [Publ.: Apr.93]

**Synchronous digital hierarchy (SDH) management information model for the network element view**

\* Principal characteristics of multiplexing equipment for the synchronous digital hierarchy

- G.781** (01/94) [Rev.1] [2 pp.] [Publ.: Jul.94]

**Structure of Recommendations on equipment for the synchronous digital hierarchy (SDH) Note - C: 13/35/52**

- G.782** (01/94) [Rev.1] [Publ. sched.: Dec.94]

**Types and general characteristics of synchronous digital hierarchy (SDH) equipment Note - C: 13/35/52**

- G.783** (01/94) [Rev.1] [Publ. sched.: Dec.94]

**Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks Note - C: 13/35/52**

- G.784** (01/94) [Rev.1] [Publ. sched.: Dec.94]

**Synchronous digital hierarchy (SDH) management Note - C: 13/35/52**

\* Other terminal equipments

- G.791** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
General considerations on transmultiplexing equipments

- G.792** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics common to all transmultiplexing equipments

- G.793** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of 60-channel transmultiplexing equipments

**G.794** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of 24-channel transmultiplexing equipments

**G.795** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
Characteristics of codecs for FDM assemblies

**G.796** (09/92) [New] [10 pp.] [Publ.: Dec.92]

**Characteristics of a 64 kbit/s cross-connect equipment with 2048 kbit/s access ports**

**G.797** (1993) [New] [34 pp.] [Publ.: Mar.94]

**Characteristics of a flexible multiplexer in a plesiochronous digital hierarchy environment**

\* Digital networks - General aspects

**G.801** (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
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**G.802** (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Interworking between networks based on different digital hierarchies and speech encoding laws

**G.803** (1993) [New] [57 pp.] [Publ.: Nov.93]

**Architectures of transport networks based on the synchronous digital hierarchy (SDH)**

**G.804** (11/93) [New] [19 pp.] [Publ.: Oct.94]

**ATM cell mapping into plesiochronous digital hierarchy (PDH) Note - C: 9/28/45**

\* Design objectives for digital networks

**G.810** (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Considerations on timing and synchronization issues

**G.811** (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Timing requirements at the outputs of primary reference clocks suitable for plesiochronous operation of international digital links

**G.812** (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Timing requirements at the outputs of slave clocks suitable for plesiochronous operation of international digital links

\* Quality and availability targets

**G.821** (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Error performance of an international digital connection forming part of an integrated services digital network

**G.822** (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Controlled slip rate objectives on an international digital connection

**G.823** (1993) [Rev.1] [Publ.: Jan.94]

**The control of jitter and wander within digital networks which are based on the 2048 kbit/s hierarchy**

**G.824** (1993) [Rev.1] [8 pp.] [Publ.: Jan.94]

**The control of jitter and wander within digital networks which are based on the 1544 kbit/s hierarchy**

**G.825** (1993) [New] [6 pp.] [Publ.: Oct.93]

**The control of jitter and wander within digital networks which are based on the synchronous digital hierarchy (SDH)**

**G.826** (11/93) [New]

**Error performance parameters and objectives for international, constant bit rate digital paths at or above the primary rate Note - C: 9/28/45**

\* Network capabilities and functions

**G.831** (1993) [New] [6 pp.] [Publ.: Oct.93]

**Management capabilities of transport networks based on the synchronous digital hierarchy (SDH)**

G.832 (11/93) [New] [13 pp.] [Publ.: Oct.94]  
Transport of SDH elements on PDH networks: Frame and multiplexing structures Note - C: 9/28/45

\* Digital sections and digital line systems - General

G.901 (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
General considerations on digital sections and digital line systems

\* Parameters for optical fibre cables systems

G.911 (1993) [New] [30 pp.] [Publ.: Mar.94]  
Parameters and calculation methodologies for reliability and availability of fibre optic systems

\* Digital sections at hierarchical bit rates based on bit rate of 2048 kbit/s

G.921 (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Digital sections based on the 2048 kbit/s hierarchy

\* Digital line transmission systems on cable at non-hierarchical bit rates

G.931 (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Digital line sections at 3152 kbit/s

\* Digital line systems provided by FDM transmission bearers

G.941 (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Digital line systems provided by FDM transmission bearers

\* Digital line systems

G.950 (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
General considerations on digital line systems

G.951 (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Digital line systems based on the 1544 kbit/s hierarchy on symmetric pair cables

G.952 (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Digital line systems based on the 2048 kbit/s hierarchy on symmetric pair cables

G.953 (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Digital line systems based on the 1544 kbit/s hierarchy on coaxial pair cables

G.954 (1988) [Blue Book Fasc. III.5] [Publ.: Jul.90]  
Digital line systems based on the 2048 kbit/s hierarchy on coaxial pair cables

G.955 (1993) [Rev.1] [15 pp.] [Publ.: Mar.94]  
Digital line systems based on the 1544 kbit/s and the 2048 kbit/s hierarchy on optical fibre cables

G.957 (1993) [Rev.1] [25 pp.] [Publ.: Mar.94]  
Optical interfaces for equipments and systems relating to the synchronous digital hierarchy

G.958 (12/90) [New] [25 pp.] [Publ.: Apr.91]  
Digital line systems based on the synchronous digital hierarchy for use on optical fibre cables

\* Digital section and digital transmission systems for customer access to ISDN

G.960 (1993) [Rev.1] [32 pp.] [Publ.: Dec.93]  
Access digital section for ISDN basic rate access

G.961 (1993) [Rev.1] [134 pp.] [Publ.: Feb.94]  
Digital transmission system on metallic local lines for ISDN basic rate access

G.962 (1993) [New] [51 pp.] [Publ.: Nov.93]

**Access digital section for ISDN primary rate at 2048 kbit/s**

**G.963** (1993) [New] [29 pp.] [Publ.: Oct.93]

**Access digital section for ISDN primary rate at 1544 kbit/s**

**G.964** (07/94) [New] [170 pp.] [Publ. sched.: Nov.94]

V-Interfaces at the digital local exchange (LE) - V5.1 - Interface (based on 2048 kbit/s) for the support of access network (AN) Note - C: 42/68/88

\* Optical fibre submarine cable systems

**G.971** (1993) [New] [3 pp.] [Publ.: Mar.94]

**General features of optical fibre submarine cable systems**

**G.972** (1993) [New] [8 pp.] [Publ.: Jan.94]

**Definition of terms relevant to optical fibre submarine cable systems**

**G.974** (1993) [New] [15 pp.] [Publ.: Mar.94]

**Characteristics of regenerative optical fibre submarine cable systems**

**G.981** (01/94) [New]

PDH optical line systems for the local network Note - C: 13/35/52

**\*\* - Series H**

\* Characteristics of transmission channels used for other than telephone purposes

**H.11** (1984) [Red Book Fasc. III.4] [Publ.: Nov.85]

Characteristics of circuits in the switched telephone network

**H.12** (1984) [Red Book Fasc. III.4] [Publ.: Nov.85]

Characteristics of telephone-type leased circuits

**H.13** (1984) [Red Book Fasc. IV.4] [Publ.: Nov.85]

Characteristics of an impulsive noise measuring instrument for telephone-type circuits Note - Same as O.71

**H.14** (1984) [Red Book Fasc. III.4] [Publ.: Nov.85]

Characteristics of group links for the transmission of wide-spectrum signals

**H.15** (1984) [Red Book Fasc. III.4] [Publ.: Nov.85]

Characteristics of supergroup links for the transmission of wide-spectrum signals

**H.16** (1984) [Red Book Fasc. III.4] [Publ.: Nov.85]

Characteristics of an impulsive-noise measuring instrument for wideband data transmission Note - Same as O.72

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- H.100** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
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- H.130** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
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- H.140** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
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- H.200** (1993) [Rev.1] [4 pp.] [Publ.: Nov.93]  
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- H.221** (1993) [Rev.2] [28 pp.] [Publ.: Apr.94] [PN: H.221 + H.222]  
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- H.230** (1993) [Rev.1] [8 pp.] [Publ.: Feb.94]  
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- H.231** (1993) [New] [12 pp.] [Publ.: Feb.94]  
**Multipoint control units for audiovisual systems using digital channels up to 2 Mbit/s**
- H.233** (1993) [New] [11 pp.] [Publ.: Apr.94]  
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- H.242** (1993) [Rev.1] [33 pp.] [Publ.: Apr.94]  
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- H.261** (1993) [Rev.2] [25 pp.] [Publ.: Feb.94]  
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\* ISDN - General structure - Terminology

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**Vocabulary of terms for ISDNs**

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**Integrated services digital networks (ISDNs)**

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**Broadband aspects of ISDN**

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**Framework for frame mode bearer services**

\* General modelling methods

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\* Telecommunication network and service attributes

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**B-ISDN asynchronous transfer mode functional characteristics**

\* Service capabilities - Scope

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**Principles of telecommunication services supported by an ISDN and the means to describe them**

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**B-ISDN service aspects**

\* Common aspects of services in the ISDN

**I.220** (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]

Common dynamic description of basic telecommunication services

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\* Bearer services supported by an ISDN

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Definition of bearer service categories

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**I.23** .3 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]

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**I.23** .4 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]

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**I.23** .5 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]

2 x 64 kbit/s unrestricted, 8 kHz structured

**I.23** .6 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]

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**I.23** .7 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]

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**I.23** .8 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]

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- I.241** (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]  
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- I.24** .1 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]  
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- I.24** .3 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]  
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- I.250** (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]  
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- I.251** (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]  
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- I.25** .1 (08/92) [Rev.1] [4 pp.] [Publ.: Oct.92]  
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- I.25** .2 (08/92) [Rev.1] [5 pp.] [Publ.: Oct.92]  
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- I.25** .3 (08/92) [Rev.1] [9 pp.] [Publ.: Oct.92]  
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- I.25** .4 (08/92) [Rev.1] [16 pp.] [Publ.: Oct.92]  
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- I.252** (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]  
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- I.25** .2 (08/92) [Rev.1] [15 pp.] [Publ.: Nov.92]  
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- I.25** .3 (08/92) [Rev.1] [9 pp.] [Publ.: Nov.92]

- Call Forwarding No Reply
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- I.25** .6 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]  
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Completion of Calls to Busy Subscribers (CCBS)
- I.254** (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]  
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- I.25** .3 (07/90) [New] [9 pp.] [Publ.: Oct.90]  
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- I.25** .2 (1988) [Blue Book Fasc. III.7] [Publ.: Jun.89]  
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- I.25** .2b (1993) [New] [8 pp.] [Publ.: Mar.94]  
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- I.25** .2c (1993) [New] [7 pp.] [Publ.: Mar.94]  
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## User-to-User Signalling

### \* Network functional principles

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**B-ISDN functional architecture**
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- I.333 (1993) [Rev.1] [32 pp.] [Publ.: Jan.94]  
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ISDN connection types

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- I.351 (1993) [Rev.1] [8 pp.] [Publ.: Nov.93]  
**Relationships among ISDN performance Recommendations**
- I.352 (1993) [Rev.1] [19 pp.] [Publ.: Nov.93]

**Network performance objectives for connection processing delays in an ISDN**

**I.353** (1993) [New] [9 pp.] [Publ.: Oct.93] [PN: I.35E]

**Reference events for defining ISDN performance parameters**

**I.354** (1993) [New] [9 pp.] [Publ.: Oct.93]

**Network performance objectives for packet-mode communication in an ISDN**

**I.355** (1993) [New] [24 pp.] [Publ.: Nov.93]

**ISDN 64 kbit/s connection type availability performance**

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B-ISDN ATM layer cell transfer performance Note - C: 9/28/45

\* Protocol layer requirements

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**B-ISDN ATM layer specification**

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**B-ISDN ATM adaptation layer (AAL) functional description**

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**Support of broadband connectionless data service on B-ISDN**

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Frame relaying service specific convergence sublayer (FR-SSCS) Note - C: 9/28/45

\* General network requirements and functions

**I.370** (10/91) [New] [10 pp.] [Publ.: Jan.92]

**Congestion management for the ISDN frame relaying bearer service**

**I.371** (1993) [New] [26 pp.] [Publ.: Nov.93]

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**I.373** (1993) [New] [16 pp.] [Publ.: Nov.93]

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**I.374** (1993) [New] [7 pp.] [Publ.: Nov.93]

**Framework Recommendation on "network capabilities to support multimedia services"**

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**I.412** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

ISDN user-network interfaces - Interface structures and access capabilities

**I.413** (1993) [Rev.1] [9 pp.] [Publ.: Dec.93]

**B-ISDN user-network interface**

**I.414** (1993) [New] [5 pp.] [Publ.: Oct.93]

**Overview of Recommendations on layer 1 for ISDN and B-ISDN customer accesses**

**I.420** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

Basic user-network interface

- I.421** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]  
Primary rate user-network interface

\* Layer 1 Recommendations

**I.430** (1993) [Rev.1] [97 pp.] [Publ.: Mar.94]

**Basic user-network interface - Layer 1 specification**

**I.431** (1993) [Rev.1] [39 pp.] [Publ.: Jan.94]

**Primary rate user-network interface - Layer 1 specification**

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**B-ISDN user-network interface - Physical layer specification**

\* Layer 2 Recommendations

**I.440** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

ISDN user-network interface data link layer - General aspects Note - Same as Q.920

**I.441** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

ISDN user-network interface, data link layer specification Note - Same as Q.921

\* Layer 3 Recommendations

**I.450** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

ISDN user-network interface layer 3 - General aspects Note - Same as Q.930

**I.451** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

ISDN user-network interface layer 3 specification for basic call control Note - Same as Q.931

**I.452** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

Generic procedures for the control of ISDN supplementary services Note - Same as Q.932

\* Multiplexing, rate adaption and support of existing interfaces

**I.460** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

Multiplexing, rate adaption and support of existing interfaces

**I.461** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

Support of X.21, X.21 bis and X.20 bis based data terminal equipments (DTES) by an integrated services digital network (ISDN) Note - Same as X.30

**I.462** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

Support of packet mode terminal equipment by an ISDN Note - Same as X.31

**I.463** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

Support of data terminal equipments (DTES) with V-series type interfaces by an integrated services digital network (ISDN) Note - Same as V.110

**I.464** (10/91) [Rev.1] [1 pp.] [Publ.: Dec.91]

**Multiplexing, rate adaption and support of existing interfaces for restricted 64 kbit/s transfer capability**

**I.465** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]

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\* Aspects of ISDN affecting terminal requirements

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Relationship of terminal functions to ISDN

\* Internetwork interfaces

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- I.501** (1993) [New] [8 pp.] [Publ.: Nov.93]  
**Service interworking**
- I.510** (1993) [Rev.1] [12 pp.] [Publ.: Dec.93]  
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- I.511** (1988) [Blue Book Fasc. III.9] [Publ.: Jul.89]  
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- I.520** (1993) [Rev.1] [12 pp.] [Publ.: Dec.93]  
**General arrangements for network interworking between ISDNs**
- I.525** (1993) [New] [10 pp.] [Publ.: Nov.93]  
**Interworking between ISDN and networks which operate at bit rates of less than 64 kbit/s**
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- I.550** (1988) [Blue Book Fasc. III.9] [Publ.: Jul.89]  
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- I.560** (1988) [Blue Book Fasc. III.9] [Publ.: Jul.89]  
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- I.570** (1993) [New] [7 pp.] [Publ.: Oct.93]  
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- I.580** (1993) [New] [21 pp.] [Publ.: Nov.93]  
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- I.610** (1993) [Rev.1] [23 pp.] [Publ.: Jan.94]  
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\* General Recommendations concerning sound-programme transmissions

- J.11** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90] [PN: CMTT.502]  
Hypothetical reference circuits for sound-programme transmissions
- J.12** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Types of sound-programme circuits established over the international telephone network
- J.13** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
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- J.15** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
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- J.16** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
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- J.17** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
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Crosstalk in sound-programme circuits set up on carrier systems
- J.19** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90] [PN: CMTT.571]  
A conventional test signal simulating sound-programme signals for measuring interference in other channels

\* Performance characteristics of sound-programme circuits

- J.21** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Performance characteristics of 15 kHz-type sound-programme circuits
- J.23** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90] [PN: CMTT.503]  
Performance characteristics of 7 kHz type (narrow-bandwidth) sound-programme circuits

## \*\* - Series C

\* Performance characteristics of sound-programme circuits

- CMTT.474** ( / ) [Publ.: Jul.90]  
Modulation of signals carried by sound-program circuits by interfering signals from power supply sources  
Note - Former ITU-R CMTT publication
- CMTT.605** ( / ) [Publ.: Jul.90]  
Estimation of transmission performance of sound-program circuits shorter or longer than the hypothetical reference circuit Note - Former ITU-R CMTT publication
- CMTT.645** ( / ) [Publ.: Jul.90]  
Test signals to be used on international sound-program connections Note - Former ITU-R CMTT publication
- CMTT.661** ( / ) [Publ.: Jul.90]  
Signals for the alignment of international sound-program connections Note - Former ITU-R CMTT publication

## \*\* - Series J

\* Characteristics of equipments and lines used for setting up sound-programme circuits

- J.31** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Characteristics of equipment and lines used for setting up 15 kHz type sound-programme circuits
- J.33** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Characteristics of equipment and lines used for setting up 6.4 kHz type sound-programme circuits
- J.34** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Characteristics of equipment used for setting up 7 kHz type sound-programme circuits

\* Characteristics of equipments for coding analogue sound-programme signals

- J.41** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Characteristics of equipment for the coding of analogue high quality sound programme signals for transmission on 384 kbit/s channels
- J.42** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]



Characteristics of equipment for the coding of analogue medium quality sound-programme signals for transmission on 384-kbit/s channels

**J.43** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]

Characteristics of equipment for the coding of analogue high quality sound programme signals for transmission on 320 kbit/s channels

**J.44** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]

Characteristics of equipment for the coding of analogue medium quality sound-programme signals for transmission on 320 kbit/s channels

## \*\* - Series C

\* Digital transmission of sound-programme signals

**CMTT.606** ( / ) [Publ.: Jul.90]

Sampling frequency to be used for the digital transmission of high-quality sound-programme signals Note - Former ITU-R CMTT publication

**CMTT.660** ( / ) [Publ.: Jul.90]

Transmission of analogue high-quality sound-programme signals on mixed analogue-and-digital circuits using 384 kbit/s channels Note - Former ITU-R CMTT publication

**CMTT.718** ( / ) [Publ.: Jul.90]

Digital transmission of high-quality sound-programme signals on distribution circuits using 480 kbit/s (496 kbit/s) per audio channel Note - Former ITU-R CMTT publication

**CMTT.719** ( / ) [Publ.: Jul.90]

Transmission of high-quality sound-programme analogue signals over mixed analogue/digital circuits at 320 kbit/s Note - Former ITU-R CMTT publication

**CMTT.724** ( / ) [Publ.: Jul.90]

Transmission of digital studio quality sound signals over H1 channels Note - Former ITU-R CMTT publication

## \*\* - Series J

\* Characteristics of circuits for television transmissions

**J.61** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90] [PN: CMTT.567]

Transmission performance of television circuits designed for use in international connections

**J.62** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90] [PN: CMTT.568]

Single value of the signal-to-noise ratio for all television systems

**J.63** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90] [PN: CMTT.473]

Insertion of test signals in the field-blanking interval of monochrome and colour television signals

**J.64** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90] [PN: CMTT.569]

Definitions of parameters for simplified automatic measurement of television insertion test signals

**J.65** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90] [PN: CMTT.570]

Standard test signal for conventional loading of a television channel

**J.66** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90] [PN: CMTT.572]

Transmission of one sound programme associated with analogue television signal by means of time division multiplex in the line synchronizing pulse

## \*\* - Series C

\* Characteristics of circuits for television transmissions

**CMTT.603** ( / ) [Publ.: Jul.90]

Hypothetical reference chain for television transmissions over very long distances Note - Former ITU-R CMTT publication

## \*\* - Series J

\* Systems for television transmission over metallic lines and interconnection with radio-relay links

- J.73** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Use of a 12-MHz system for the simultaneous transmission of telephony and television
- J.74** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Methods for measuring the transmission characteristics of translating equipments
- J.75** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Interconnection of systems for television transmission on coaxial pairs and on radio-relay links
- J.77** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Characteristics of the television signals transmitted over 18 MHz and 60-MHz systems
- \* Digital transmission of television signals
- J.80** (09/93) [Rev.1] [24 pp.] [Publ. sched.: Dec.94] [PN: CMTT.721]  
Transmission of component-coded digital television signals for contribution-quality applications at bit rates near 140 Mbit/s
- J.81** (09/93) [Rev.1] [40 pp.] [PN: CMTT.723]  
Transmission of component-coded digital television signals for contribution-quality applications at the third hierarchical level of ITU-T Recommendation G.702 Note - Former ITU-R CMTT.723

## \*\* - Series C

\* Digital transmission of television signals

- CMTT.604** ( / ) [Publ.: Jul.90]  
Digital television transmission over long distances - General principles Note - Former ITU-R CMTT publication
- CMTT.658** ( / ) [Publ.: Jul.90]  
Mixed analogue-and-digital transmission of analogue composite television signals over long distances Note - Former ITU-R CMTT publication
- \* Transmission of signals with multiplexing of video, sound and data, and signals of new systems
- CMTT.717** ( / ) [Publ.: Jul.90]  
Tolerances for transmission time differences between the vision and sound components of a television signal Note - Former ITU-R CMTT publication
- CMTT.720** ( / ) [Publ.: Jul.90]  
Measurement methods and test procedures for teletext signals Note - Former ITU-R CMTT publication

## \*\* - Series K

\* Protection against interference

- K.1** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Connection to earth of an audio-frequency telephone line in cable
- K.2** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Protection of repeater power-feeding systems against interference from neighbouring electricity lines
- K.3** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]

- Interference caused by audio-frequency signals injected into a power distribution network
- K.4** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Disturbance to signalling
- K.5** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Joint use of poles for electricity distribution and for telecommunications
- K.6** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Precautions at crossings
- K.7** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Protection against acoustic shock
- K.8** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Separation in the soil between telecommunication cables and earthing system of power facilities
- K.9** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Protection of telecommunication staff and plant against a large earth potential due to a neighbouring electric traction line
- K.10** (1993) [Rev.1] [14 pp.] [Publ.: Sep.94]  
**Unbalance about earth of telecommunication installations**
- K.11** (10/93) [Rev.3] [11 pp.]  
**Principles of protection against overvoltages and overcurrents Note - C: 6/17/32**
- K.12** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Characteristics of gas discharge tubes for the protection of telecommunications installations
- K.13** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Induced voltages in cables with plastic-insulated conductors
- K.14** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Provision of a metallic screen in plastic-sheathed cables
- K.15** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Protection of remote-feeding systems and line repeaters against lightning and interference from neighbouring electricity lines
- K.16** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Simplified calculation method for estimating the effect of magnetic induction from power lines on remote-fed repeaters in coaxial pair telecommunication systems
- K.17** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Tests on power-fed repeaters using solid-state devices in order to check the arrangements for protection from external interference
- K.18** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Calculation of voltage induced into telecommunication lines from radio station broadcasts and methods of reducing interference
- K.19** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Joint use of trenches and tunnels for telecommunication and power cables
- K.20** (1993) [Rev.2] [11 pp.] [Publ.: Jul.94]  
**Resistibility of telecommunication switching equipment to overvoltages and overcurrents**
- K.21** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Resistibility of subscribers' terminals to overvoltages and overcurrents
- K.22** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Overvoltage resistibility of equipment connected to an ISDN T/S bus
- K.23** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Types of induced noise and description of noise voltage parameters for ISDN basic user networks
- K.24** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Method for measuring radio-frequency induced noise on telecommunications pairs
- K.25** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Lightning protection of optical fibre cables

- K.26** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Protection of telecommunication lines against harmful effects from electric power and electrified railway lines
- K.27** (03/91) [New] [1 pp.] [Publ.: Jun.91]  
**Bonding configurations and earthing inside a telecommunication building**
- K.28** (1993) [Rev.1] [11 pp.] [Publ.: Jul.94]  
**Characteristics of semi-conductor arrester assemblies for the protection of telecommunications installations**
- K.29** (01/92) [New] [4 pp.] [Publ.: Apr.92]  
**Coordinated protection schemes for telecommunications cables below ground**
- K.30** (1993) [New] [7 pp.] [Publ.: Jul.94]  
**Positive temperature coefficient (PTC) thermistors**
- K.31** (1993) [New] [7 pp.] [Publ.: Jul.94]  
**Bonding configurations and earthing of telecommunication installations inside a subscriber's building**

## \*\* - Series L

\* Construction, installation and protection of cables and other elements of outside plant

- L.1** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Construction, installation and protection of telecommunication cables in public networks
- L.2** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Impregnation of wooden poles
- L.3** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Armouring of cables
- L.4** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Aluminium cable sheaths
- L.5** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Cable sheaths made of metals other than lead or aluminium
- L.6** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Methods of keeping cables under gas pressure
- L.7** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Application of joint cathodic protection
- L.8** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Corrosion caused by alternating current
- L.9** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Methods of terminating metallic cable conductors
- L.10** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Optical fibre cables for duct, tunnel, aerial and buried application
- L.11** (1988) [Blue Book Fasc. IX] [Publ.: Mar.90]  
Joint use of tunnels by pipelines and telecommunication cables, and the standardization of underground duct plans
- L.12** (07/92) [New] [7 pp.] [Publ.: Oct.92]  
**Optical fibre joints**
- L.13** (07/92) [New] [4 pp.] [Publ.: Oct.92]  
**Sheath joints and organizers of optical fibre cables in the outside plant**
- L.14** (07/92) [New] [5 pp.] [Publ.: Oct.92]  
**Measurement method to determine the tensile performance of optical fibre cables under load**
- L.15** (1993) [New] [8 pp.] [Publ.: Oct.94]  
**Optical local distribution networks - Factors to be considered for their construction**

L.16 (1993) [New] [2 pp.] [Publ.: Mar.94]  
Conductive plastic material (CPM) as protective covering for metal cable sheaths

**\*\* - Series M**

\* Introduction and general principles of maintenance and maintenance organization

M.10 (10/92) [New] [10 pp.] [Publ.: Aug.93]  
Scope and application of Recommendations for maintenance of telecommunication networks and services Note - (New text)

**M.15** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Maintenance considerations for new systems

M.20 (10/92) [Rev.1] [21 pp.] [Publ.: Jul.93]  
Maintenance philosophy for telecommunications networks

M.21 (10/92) [Rev.1] [5 pp.] [Publ.: Jul.93]  
Maintenance philosophy for telecommunication services

**M.32** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Principles for using alarm information for maintenance of international transmission systems and equipment

**M.34** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Performance monitoring on international transmission systems and equipment

**M.35** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Principles concerning line-up and maintenance limits

**M.50** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Use of telecommunication terms for maintenance

**M.60** (1993) [Rev.1] [64 pp.] [Publ.: Apr.94] [PN: M.300 + M.60]  
Maintenance terminology and definitions

**M.70** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Guiding principles on the general maintenance organization for telephone-type international circuits

M.75 (10/92) [Rev.1] [2 pp.] [Publ.: Jun.93]  
Technical service

**M.80** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Control stations

M.85 (10/92) [New] [2 pp.] [Publ.: Jul.93]  
Fault report points

**M.90** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Sub-control stations

**M.100** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Service circuits

**M.110** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Circuit testing

**M.120** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Access points for maintenance

**M.125** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Digital loopback mechanisms

**M.160** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Stability of transmission

\* International transmission systems (analogue)

**M.320** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]

- Numbering of the channels in a group
- M.330** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Numbering of groups within a supergroup
- M.340** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Numbering of supergroups within a mastergroup
- M.350** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Numbering of mastergroups within a supermastergroup
- M.380** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Numbering in coaxial systems
- M.390** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Numbering in systems on symmetric pair cable
- M.400** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Numbering in radio-relay links or open-wire line systems
- M.410** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90] [FN: M.2010]  
Numbering of digital blocks in transmission systems
- M.450** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Bringing a new international transmission system into service
- M.460** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Bringing international group, supergroup, etc., links into service
- M.470** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Setting up and lining up analogue channels for international telecommunication services
- M.475** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Setting up and lining up mixed analogue/digital channels for international telecommunication services
- M.490** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Exchange of information for planned outages of transmission systems
- M.495** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90] [FN: M.2310]  
Transmission restoration and transmission route diversity: Terminology and general principles
- M.496** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90] [FN: M.2320]  
Functional organization for automatic transmission restoration
- M.500** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Routine maintenance measurements to be made on regulated line sections
- M.510** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Readjustment to the nominal value of a regulated line section (on a symmetric pair line, a coaxial line or a radio-relay link)
- M.520** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Routine maintenance on international group, supergroup, etc., links
- M.525** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Automatic maintenance procedures for international group, supergroup, etc., links
- M.530** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Readjustment to the nominal value of an international group, supergroup, etc., link
- M.535** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Special maintenance procedures for multiple destination, unidirectional (MU) group and supergroup links
- M.540** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Routine maintenance of carrier and pilot generating equipment
- M.556** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Setting up and initial testing of digital channels on an international digital path or block

\* International telephone circuits

- M.560** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]

International telephone circuits - Principles, definitions and relative transmission levels

- M.562** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Types of circuit and circuit section
- M.565** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Access points for international telephone circuits
- M.570** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Constitution of the circuit preliminary exchange of information
- M.580** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Setting up and lining up an international circuit for public telephony
- M.585** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Bringing an international digital circuit into service
- M.590** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Setting up and lining up a circuit fitted with a compandor
- M.600** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Organization of routine maintenance measurements on circuits
- M.605** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Routine maintenance schedule for international public telephony circuits
- M.610** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Periodicity of maintenance measurements on circuits
- M.620** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Methods for carrying out routine measurements on circuits
- M.630** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Maintenance of circuits using control chart methods
- M.650** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Routine line measurements to be made on the line repeaters of audio-frequency sections or circuits
- M.660** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Periodical in-station tests of echo suppressors complying with Recommendations G.161 and G.164
- M.665** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Testing of echo cancellers
- M.670** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Maintenance of a circuit fitted with a compandor
- M.675** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Lining up and maintaining international demand assignment circuits (SPADE)
- M.710** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
General maintenance organization for the international automatic and semi-automatic telephone service
- M.715** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Fault report point (circuit)
- M.716** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Fault report point (network)
- M.717** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Testing point (transmission)
- M.718** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Testing point (line signalling)
- M.719** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Testing point (switching and interregister signalling)
- M.720** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Network analysis point
- M.721** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
System availability information point
- M.722** (1980) [Yellow Book Fasc. IV.1] [Publ.: Jul.81]

- Network management point
- M.723** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Circuit control station
- M.724** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Circuit sub-control station
- M.725** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Restoration control point
- M.726** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Maintenance organization for the wholly digital international automatic and semi-automatic telephone service
- M.729** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Organization of the maintenance of international public switched telephone circuits used for data transmission
- M.730** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Maintenance methods
- M.731** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Subjective testing
- M.732** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Signalling and switching routine maintenance tests and measurements
- M.733** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Transmission routine maintenance measurements on automatic and semi-automatic telephone circuits
- M.734** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90]  
Exchange of information on incoming test facilities at international switching centres

\* Common channel signalling systems

- M.760** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90] [FN: M.4020]  
Transfer link for common channel Signalling System No. 6
- M.762** (1988) [Blue Book Fasc. IV.1] [Publ.: Feb.90] [FN: M.4040]  
Maintenance of common channel Signalling System No. 6

\* International telegraph systems and phototelegraph transmission

- M.800** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Use of circuits for voice-frequency telegraphy
- M.810** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Setting up and lining up an international voice-frequency telegraph link for public telegraph circuits (for 50, 100 and 200 baud modulation rates)
- M.820** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Periodicity of routine tests on international voice-frequency telegraph links
- M.830** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Routine measurements to be made on international voice-frequency telegraph links
- M.850** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
International time division multiplex (TDM) telegraph systems
- M.880** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
International phototelegraph transmission

\* International leased group and supergroup links

- M.900** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Use of leased group and supergroup links for wide-spectrum signal transmission (data, facsimile, etc.)
- M.910** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]



Setting up and lining up an international leased group link for wide-spectrum signal transmission

\* International leased circuits

- M.1010** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Constitution and nomenclature of international leased circuits
- M.1012** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Circuit control station for leased and special circuits
- M.1013** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Sub-control station for leased and special circuits
- M.1014** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Transmission maintenance point (international line) (TMP-IL)
- M.1015** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Types of transmission on leased circuits
- M.1016** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Assessment of the service availability performance of international leased circuits
- M.1020** (1993) [Rev.1] [7 pp.]  
**Characteristics of special quality international leased circuits with special bandwidth conditioning**
- M.1025** (1993) [Rev.1] [6 pp.]  
Characteristics of special quality international leased circuits with basic bandwidth conditioning
- M.1030** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Characteristics of ordinary quality international leased circuits forming part of private switched telephone networks
- M.1040** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Characteristics of ordinary quality international leased circuits
- M.1045** (1993) [Rev.1] [3 pp.] [Publ.: Oct.94]  
**Preliminary exchange of information for the provision of international leased circuits**
- M.1050** (1993) [Rev.1] [11 pp.]  
Lining up an international point-to-point leased circuit
- M.1055** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Lining up an international multiterminal leased circuit
- M.1060** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Maintenance of international leased circuits

\* Mobile telecommunication systems and services

- M.1130** (10/92) [New] [2 pp.] [Publ.: Jun.93]  
**General definitions and general principles of operation/maintenance procedures to be used in satellite mobile systems**
- M.1140** (10/92) [Rev.1] [12 pp.] [Publ.: Jul.93]  
**Maritime mobile telecommunication services via satellite Note - Replaces M.1100+M.1110+M.1120**
- M.1150** (10/92) [New] [6 pp.] [Publ.: Jun.93]  
**Maritime mobile telecommunication store-and-forward services (packet mode) via satellite**
- M.1160** (10/92) [New] [4 pp.] [Publ.: Jun.93]  
Aeronautical mobile telecommunication service via satellite

\* International public telephone network maintenance

- M.1230** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
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- M.1235** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Use of automatically generated test calls for assessment of network performance

\* International data transmission systems

- M.1300** (10/92) [Rev.1] [9 pp.] [Publ.: Jul.93]  
**International data transmission systems operating in the range 2.4 kbit/s to 2048 kbit/s**
- M.1320** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Numbering of channels in data transmission systems
- M.1340** (1993) [New] [7 pp.] [Publ.: Mar.94]  
**Performance allocations and limits for international data transmission links and systems**
- M.1350** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Setting up, lining up and characteristics of international data transmission systems operating in the range 2.4 kbit/s to 14.4 kbit/s
- M.1355** (1988) [Blue Book Fasc. IV.2] [Publ.: Jan.90]  
Maintenance of international data transmission systems operating in the range 2.4 to 14.4 kbit/s
- M.1370** (1993) [Rev.1] [7 pp.]  
Bringing-into-service of international data transmission systems
- M.1375** (1993) [Rev.1] [6 pp.]  
**Maintenance of international data transmission systems**
- M.1380** (1993) [New] [3 pp.] [Publ.: Jan.94]  
**Bringing-into-service of international leased circuits that are supported by international data transmission systems**
- M.1385** (1993) [New] [3 pp.] [Publ.: Jul.94]  
**Maintenance of international leased circuits that are supported by international data transmission systems**

\* Designations and information exchange

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**Exchange of contact point information for the maintenance of international services and the international network**
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**Standardized information exchange between Administrations**
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**Network maintenance information**
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**Escalation procedure**
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**Escalation procedure for international leased circuits**

\* International transport network

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Bringing into service international digital paths, sections and transmission systems
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**Digital path, section and transmission system fault detection and localization procedures**
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**Operational procedures in locating and clearing transmission faults**

\* Telecommunication management network

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Principles for a telecommunications management network

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TMN interface specification methodology

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Catalogue of TMN management information

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TMN management services: overview

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\* Integrated services digital networks

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Principles for the management of ISDNs

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Application of maintenance principles to ISDN subscriber installations

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Application of maintenance principles to ISDN basic rate access

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Application of maintenance principles to ISDN primary rate access

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Application of maintenance principles to static multiplexed ISDN basic rate access

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Principles for the use of ISDN test calls, systems and responders

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Management of the D-channel - Data link layer and network layer

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ISDN interface management services

\* Common channel signalling systems

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Inter-Administration agreements on common channel Signalling System No. 6

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Transmission characteristics for setting up and lining up a transfer link for common channel Signalling System No. 6 (analogue version)

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Maintenance of common channel Signalling System No. 7

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Inter-Administration agreements on common channel Signalling System No. 7

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\* International sound-programme transmission

- N.1** (1993) [Rev.1] [10 pp.]  
**Definitions for application to international sound-programme and television-sound transmission**
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Different types of sound-programme circuit
- N.3** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Control circuits
- N.4** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Definition and duration of the line-up period and the preparatory period
- N.5** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Sound-programme control, sub-control and send reference stations
- N.10** (1993) [Rev.1] [6 pp.] [Publ.: Jan.94]  
**Limits for the lining-up of international sound-programme links and connections**
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Measurements to be made by the broadcasting organizations during the preparatory period
- N.15** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90] Maximum permissible power during an international sound-programme transmission
- N.16** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Identification signal
- N.17** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Monitoring the transmission
- N.18** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
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- N.21** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Limits and procedures for the lining-up of a sound-programme circuit
- N.23** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Maintenance measurements to be made on international sound-programme circuits

\* International television transmission

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Multiple destination television transmissions and coordination centres
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- N.55** (1993) [Rev.1] [7 pp.] [Publ.: Sep.94]  
**Organization, responsibilities and functions of control and sub-control international television centres and control and sub-control stations for international television connections, links, circuits and circuit sections**
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**Nominal amplitude of video signals at video interconnection points**
- N.61** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Measurements to be made before the line-up period that precedes a television transmission
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**Tests to be made during the line-up period that precedes a television transmission**

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Test signals to be used by the broadcasting organizations during the preparatory period

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Quality and impairment assessment

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Maintenance of permanent international television circuits, links and connections

\* International videoconference transmission

**N.81** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Definition for application to international videoconference transmissions

**N.86** (1993) [Rev.1] [7 pp.] [Publ.: Mar.94]

**Line-up and service commissioning of international videoconference systems operating at transmission bit rates of 1544 and 2048 kbit/s**

**N.90** (1993) [Rev.1] [4 pp.] [Publ.: Mar.94]

**Maintenance of international videoconference systems operating at transmission bit rates of 1544 and 2048 kbit/s**

**\*\* - Series O**

\* Specifications for measuring equipment - General

**O.1** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Scope and application of Series O Recommendations

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Climatic conditions and relevant tests for measuring equipment

**O.6** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
1020 Hz reference test frequency

**O.9** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Measuring arrangements to assess the degree of unbalance about earth

\* Maintenance access

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**Maintenance access lines**

\* Automatic and semi-automatic measuring systems

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CCITT automatic transmission measuring and signalling testing equipment ATME No. 2

**O.27** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
In-station echo canceller test equipment

**O.33** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Automatic equipment for rapidly measuring stereophonic pairs and monophonic sound-programme circuits, links and connections

\* Equipment for the measurement of analogue parameters

**O.41** (1993) [Rev.1] [10 pp.]  
Psophometer for use on telephone-type circuits Note - Same as P.53

**O.42** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]

- Equipment to measure non-linear distortion using the 4-tone intermodulation method
- O.61** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Simple equipment to measure interruptions on telephone-type circuits
- O.62** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Sophisticated equipment to measure interruptions on telephone-type circuits
- O.71** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Impulsive noise measuring equipment for telephone-type circuits Note - Same as H.13
- O.72** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Characteristics of an impulsive noise measuring instrument for wideband data transmissions Note - Same as H.16
- O.81** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Group-delay measuring equipment for telephone-type circuits
- O.82** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Group-delay measuring equipment for the range 5 to 600 kHz
- O.91** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Phase jitter measuring equipment for telephone-type circuits
- O.95** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Phase and amplitude hit counters for telephone-type circuits
- O.111** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Frequency shift measuring equipment for use on carrier channels

\* Equipment for the measurement of digital and analogue/digital parameters

- O.131** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Quantizing distortion measuring equipment using a pseudo-random noise test signal
- O.132** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Quantizing distortion measuring equipment using a sinusoidal test signal
- O.133** (1993) [Rev.1] [26 pp.] [Publ.: Sep.94]  
Equipment for measuring the performance of PCM encoders and decoders
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Digital test patterns for performance measurements on digital transmission equipment
- O.151** (10/92) [Rev.1] [5 pp.] [Publ.: Jul.93]  
Error performance measuring equipment operating at the primary rate and above
- O.152** (10/92) [Rev.1] [4 pp.] [Publ.: Jun.93]  
Error performance measuring equipment for bit rates of 64 kbit/s and N x 64 kbit/s
- O.153** (10/92) [Rev.1] [6 pp.] [Publ.: Jun.93]  
Basic parameters for the measurement of error performance at bit rates below the primary rate
- O.161** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
In-service code violation monitors for digital systems
- O.162** (10/92) [Rev.1] [7 pp.] [Publ.: Aug.93]  
Equipment to perform in-service monitoring on 2048, 8448, 34 368 and 139 264 kbit/s signals
- O.163** (1988) [Blue Book Fasc. IV.4] [Publ.: Jul.90]  
Equipment to perform in-service monitoring on 1544 kbit/s signals
- O.171** (10/92) [Rev.1] [10 pp.] [Publ.: Aug.93]  
Timing jitter measuring equipment for digital systems

## \*\* - Series P

\* Vocabulary and effects of transmission parameters on customer opinion of transmission quality

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Vocabulary of terms on telephone transmission quality and telephone sets

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\* Subscribers' lines and sets

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Transmission performance of group audio terminals (GATs)

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**Transmission characteristics for digital telephones**

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Evaluation of the efficiency of telephone booths and acoustic hoods

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Subscriber telephone sets containing either loudspeaking receivers or microphones associated with amplifiers

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**Transmission characteristics of hands-free telephones**

**P.35** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

Handset telephones

**P.36** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

Efficiency of devices for preventing the occurrence of excessive acoustic pressure by telephone receivers

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**Coupling hearing aids to telephone sets**

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**Transmission characteristics of operator telephone systems (OTS)**

\* Transmission standards

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Specification for an intermediate reference system

\* Objective measuring apparatus

**P.50** (1993) [Rev.1] [15 pp.] [Publ.: Jul.94]

Artificial voices

**P.51** (1993) [Rev.1] [7 pp.] [Publ.: May.94]

Artificial mouth

**P.52** (1993) [Rev.1] [3 pp.] [Publ.: Mar.94]

**Volume meters**

**P.53** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

Psophometers (apparatus for the objective measurement of circuit noise) Note - Same as O.41

**P.54** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

Sound level meters (apparatus for the objective measurement of room noise)

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Apparatus for the measurement of impulsive noise

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Objective measurement of active speech level

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**Artificial ears**

**P.58** (1993) [New] [25 pp.] [Publ.: Sep.94]  
**Head and torso simulator for telephonometry**

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Artificial conversational speech

\* Objective electro-acoustical measurements

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Methods for the calibration of condenser microphones

**P.62** (1993) [Rev.1] [2 pp.] [Publ.: Mar.94]  
**Measurements on subscribers' telephone equipment**

**P.63** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]  
Methods for the evaluation of transmission quality on the basis of objective measurements

**P.64** (1993) [Rev.1] [18 pp.] [Publ.: Sep.94]  
**Determination of sensitivity/frequency characteristics of local telephone systems**

**P.65** (1993) [Rev.1] [5 pp.] [Publ.: Jun.94]  
**Objective instrumentation for the determination of loudness ratings**

**P.66** (1993) [Rev.1] [12 pp.] [Publ.: Sep.94]  
**Methods for evaluating the transmission performance of digital telephone sets**

\* Measurements related to speech loudness

**P.75** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]  
Standard conditioning method for handsets with carbon microphones

**P.76** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]  
Determination of loudness ratings fundamental principles

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Subjective testing method for determination of loudness ratings in accordance with Recommendation P.76

**P.79** (1993) [Rev.1] [27 pp.] [Publ.: Oct.94]  
**Calculation of loudness ratings for telephone sets**

\* Subjective opinion tests

**P.80** (1993) [Rev.1] [21 pp.] [Publ.: Jul.94]  
Methods for subjective determination of transmission quality

**P.81** (1993) [Rev.1] [5 pp.] [Publ.: Jun.94]  
Modulated noise reference unit (MNRU)

**P.82** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]  
Method for evaluation of service from the standpoint of speech transmission quality

**P.83** (1993) [New] [15 pp.] [Publ.: Oct.94]  
Subjective performance assessment of telephone-band and wideband digital codecs

**P.84** (1993) [Rev.1] [19 pp.] [Publ.: Jul.94]  
Subjective listening test method for evaluating digital circuit multiplication and packetized voice systems

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A method for subjective performance assessment of the quality of speech voice output devices Note - C:  
41/67/85

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\* Signalling in the international manual service

**Q.1** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]



- Signal receivers for manual working
- Q.2** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Signal receivers for automatic and semi-automatic working, used for manual working
- \* International automatic and semi-automatic working
- Q.4** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Automatic switching functions for use in national networks
- Q.5** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Advantages of semi-automatic service in the international telephone service
- Q.6** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Advantages of international automatic working
- Q.7** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Signalling systems to be used for international automatic and semi-automatic telephone working
- Q.8** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Signalling systems to be used for international manual and automatic working on analogue leased circuits
- Q.9** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Vocabulary of switching and signalling terms
- \* Numbering plan and dialling procedures in the international service
- Q.11** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Numbering plan for the international telephone service
- \* Routing plan for international service
- Q.12** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Overflow - alternative routing - rerouting - automatic repeat attempt
- Q.14** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Means to control the number of satellite links in an international telephone connection
- \* General Recommendations relative to signalling and switching systems (national or international)
- Q.20** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Comparative advantages of "in-band" and "out-band" systems
- Q.21** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Systems recommended for out-band signalling
- Q.22** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Frequencies to be used for in-band signalling
- Q.23** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Technical features of push-button telephone sets
- Q.24** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Multifrequency push-button signal reception
- Q.25** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Splitting arrangements and signal recognition times in "in-band" signalling systems
- Q.26** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Direct access to the international network from the national network
- Q.27** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Transmission of the answer signal
- Q.28** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Determination of the moment of the called subscriber's answer in the automatic service
- Q.29** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]

Causes of noise and ways of reducing noise in telephone exchanges

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Improving the reliability of contacts in speech circuits
- Q.31** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Noise in a national 4-wire automatic exchange
- Q.32** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Reduction of the risk of instability by switching means
- Q.33** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Protection against the effects of faulty transmission on groups of circuits

\* Tones for use in national signalling systems

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Technical characteristics of tones for the telephone service

\* General characteristics for international telephone connections and circuits

- Q.44** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Attenuation distortion
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- Q.45** bis (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
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\* Signalling for satellite systems

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Demand assignment signalling systems

\* Signalling for circuit multiplication equipment

- Q.50** (1993) [Rev.1] [18 pp.] [Publ.: Apr.94]  
**Signalling between circuit multiplication equipments (CME) and international switching centres (ISC)**

\* Functions and information flows for services in the ISDN - Methodology

- Q.65** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Stage 2 of the method for the characterization of services supported by an ISDN

\* Basic services

- Q.68** (1993) [New] [3 pp.] [Publ.: May.94]  
**Overview of methodology for developing management services**
- Q.71** (1993) [Rev.1] [143 pp.] [Publ.: Jul.94]  
**ISDN circuit mode switched bearer services**
- Q.72** (1993) [New] [36 pp.] [Publ.: Jun.94]  
**Stage 2 description for packet mode services**

\* Supplementary services

- Q.80** (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Introduction to stage 2 service descriptions for supplementary services
- Q.81** Stage 2 description for number identification supplementary services

- Clause 1 (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Direct dialling-in Note - See Blue Book Rec. Q.81
- Clause 2 (02/92) [New] [7 pp.] [Publ.: Jun.92]  
Multiple subscriber number
- Clause 3 (09/91) [Rev.1] [22 pp.] [Publ.: Jan.92] [PN: Q.81 Clause 3+Q.81 Calling line identification presentation (CLIP) and calling line identification restriction (CLIR)]
- Clause 5 (09/91) [Rev.1] [23 pp.] [Publ.: Jan.92] [PN: Q.81 Clause 5+Q.81 Connected line identification, presentation and restriction (COLP) and (COLR)]
- Clause 8 (02/92) [New] [8 pp.] [Publ.: Jun.92]  
Sub-addressing (SUB) Note - Published with Q.81 Clause 2 (16 pp.)
- Q.82 Stage 2 description for call offering supplementary services**  
**Clause 2 (1993) [Rev.1] [51 pp.] [Publ.: Sep.94]**  
Clause 2 - Call forwarding
- Clause 3 (1993) [New] [34 pp.] [Publ.: Sep.94]  
Clause 3 - Call deflection
- Clause 4 (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Line hunting Note - See Blue Book Rec. Q.82
- Q.83 Stage 2 description for call completion supplementary services**  
**Clause 1 (09/91) [Rev.1] [13 pp.] [Publ.: Jan.92]**  
Call waiting (CW) Note - Published with Q.83 Clause 4 (25 pp.)
- Clause 2 (02/92) [Rev.1] [19 pp.] [Publ.: Jun.92]  
Call hold
- Clause 3 (1988) [Blue Book Fasc. VI.1] [Publ.: May.90]  
Completion of call to busy subscriber Note - See Blue Book Rec. Q.83
- Clause 4 (09/91) [New] [13 pp.] [Publ.: Jan.92]  
Terminal portability Note - Published with Q.83 Clause 1 (25 pp.)
- Q.84 Stage 2 description for multiparty supplementary services**  
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- Q.655** (1988) [Blue Book Fasc. VI.6] [Publ.: Sep.89]  
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- Logic procedures for interworking of signalling system No. 7 (TUP) to No. 6
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- Q.666** (1988) [Blue Book Fasc. VI.6] [Publ.: Sep.89]  
Logic procedures for interworking of signalling system No. 7 (TUP) to R2
- Q.667** (1993) [New] [8 pp.] [Publ.: Jul.94]  
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- Q.671** (1988) [Blue Book Fasc. VI.6] [Publ.: Sep.89]  
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- Q.673** (1988) [Blue Book Fasc. VI.6] [Publ.: Sep.89]  
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**Interworking of signalling systems - Logic procedures for interworking of Signalling System No. 7 (ISUP) to No. 6**
- Q.692** (1993) [New] [6 pp.] [Publ.: Jun.94]  
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**Interworking of signalling systems - Logic procedures for interworking of Signalling System No. 7 (ISUP) to R2**

\* Interworking of signalling systems No. 7 and No. 6

Q.698 (1993) [New] [50 pp.] [Publ.: Sep.94]  
**Interworking of Signalling System No. 7 ISUP, TUP and Signalling System No. 6 using arrow diagrams**

\* Interworking between Digital Subscriber Signalling System No. 1 and Signalling System No. 7

Q.699 (1988) [Blue Book Fasc. VI.6] [Publ.: Sep.89]  
Interworking between the Digital Subscriber Signalling System layer 3 protocol and the Signalling System No. 7 ISDN User Part

\* Specifications of Signalling System No. 7 - General

Q.700 (1993) [Rev.1] [20 pp.] [Publ.: May.94]  
**Introduction to CCITT Signalling System No. 7**

\* Message transfer part

Q.701 (1993) [Rev.1] [20 pp.] [Publ.: Apr.94]  
**Functional description of the message transfer part (MTP) of Signalling System No. 7**

Q.702 (1988) [Blue Book Fasc. VI.7] [Publ.: Oct.89]  
Signalling data link

Q.703 (1993) [Rev.1] [78 pp.] [Publ.: Jul.94]  
**Signalling System No. 7 - Signalling link**

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Signalling System No. 7 - Signalling network functions and messages

Q.705 (1993) [Rev.1] [23 pp.] [Publ.: May.94]  
**Signalling System No. 7 - Signalling network structure**

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**Signalling System No. 7 - Message transfer part signalling performance**

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Q.708 (1993) [Rev.1] [9 pp.] [Publ.: Jul.94]  
**Numbering of international signalling point codes**

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**Signalling System No. 7 - Hypothetical signalling reference connection**

\* Simplified message transfer part

Q.710 (1988) [Blue Book Fasc. VI.7] [Publ.: Oct.89]  
Simplified MTP version for small systems

\* Signalling connection control part

Q.711 (1993) [Rev.1] [23 pp.] [Publ.: May.94]  
**Signalling System No. 7 - Functional description of the signalling connection control part**

Q.712 (1993) [Rev.1] [7 pp.] [Publ.: Apr.94]  
**Signalling System No. 7 - Definition and function of SCCP messages**

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**Signalling System No. 7 - SCCP formats and codes**

Q.714 (1993) [Rev.1] [107 pp.] [Publ.: Sep.94]  
**Signalling System No. 7 - Signalling connection control part procedures**

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\* Telephone user part

- Q.721** (1988) [Blue Book Fasc. VI.8] [Publ.: Oct.89]  
Functional description of the Signalling System No. 7 Telephone User Part (TUP)
- Q.722** (1988) [Blue Book Fasc. VI.8] [Publ.: Oct.89]  
General function of telephone messages and signals
- Q.723** (1993) [Rev.1] [30 pp.]  
Formats and codes
- Q.724** (1993) [Rev.1] [80 pp.]  
Signalling procedures
- Q.725** (1993) [Rev.1] [8 pp.] [Publ.: Jul.94]

### Signalling System No. 7 - Signalling performance in the telephone application

\* ISDN supplementary services

- Q.730** (1993) [Rev.1] [22 pp.] [Publ.: May.94]

### Signalling System No. 7 - ISDN supplementary services

#### Q.731 Stage 3 description for number identification supplementary services using signalling system No. 7

- Clause 1 (02/92) [New] [5 pp.] [Publ.: May.92]  
Direct-dialling-in (DDI) Note - Published with Q.731 Clause 8 (9 pp.)
- Clause 3 (1993) [New] [13 pp.] [Publ.: Apr.94]  
Calling line identification presentation (CLIP)
- Clause 4 (1993) [New] [4 pp.] [Publ.: Apr.94]  
Calling line identification restriction (CLIR)
- Clause 5 (1993) [New] [16 pp.] [Publ.: Apr.94]  
Connected line identification presentation (COLP)
- Clause 6 (1993) [New] [6 pp.] [Publ.: Apr.94]  
Connected line identification restriction (COLR)
- Clause 8 (02/92) [New] [4 pp.] [Publ.: May.92]  
Sub-addressing (SUB) Note - Published with Q.731 Clause 1 (9 pp.)

#### Q.732 Stage 3 description for call offering supplementary services using Signalling System No. 7

##### Clause 2 (1993) [New] [32 pp.] [Publ.: May.94]

Call diversion services

- Clause 3 (1993) [New]  
Call forwarding no answer
- Clause 4 (1993) [New]  
Call forwarding unconditional
- Clause 5 (1993) [New]  
Call deflection

#### **Q.733** Stage 3 description for call completion supplementary services using Signalling System No. 7

- Clause 1 (02/92) [New] [9 pp.] [Publ.: May.92]  
Call waiting (CW)
- Clause 2 (1993) [New] [7 pp.] [Publ.: May.94]  
Call hold (HOLD) Note - Published with Q.733 Clause 4 (16 p.)
- Clause 4 (1993) [New] [7 pp.] [Publ.: May.94]  
Terminal portability (TP) Note - Published with Q.733 Clause 2 (16 p.)

#### Q.734 Stage 3 description for multiparty supplementary services using Signalling System No. 7

##### Clause 1 (1993) [New] [17 pp.] [Publ.: May.94]

Conference calling Note - Published with Q.734 Clause 2 (28 p.)



Clause 2 (1993) [New] [10 pp.] [Publ.: May.94]  
Three-party service Note - Published with Q.734 Clause 1 (28 p.)

**Q.735 Stage 3 description for community of interest supplementary services using SS No. 7**

**Clause 1 (1993) [New] [23 pp.] [Publ.: Jun.94]**

Closed user group (CUG)

Clause 3 (1993) [New] [44 pp.] [Publ.: Jun.94]

Multi-level precedence and preemption

**Q.737 Stage 3 description for additional information transfer supplementary services using SS No. 7**

**Clause 1 (1993) [New] [27 pp.] [Publ.: Jul.94]**

User-to-user signalling (UUS)

\* Data user part

**Q.741** (1988) [Blue Book Fasc. VI.8] [Publ.: Oct.89]  
Signalling System No. 7 - Data user part Note - Same as X.61

\* Signalling system No. 7 management

**Q.750** (1993) [New] [17 pp.] [Publ.: Jul.94]

**Overview of Signalling System No. 7 management**

**Q.752** (1993) [New] [37 pp.] [Publ.: Aug.94]

**Monitoring and measurements for Signalling System No. 7 networks**

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**Signalling System No. 7 management functions MRVT, SRVT and CVT and definition of the OMASE-user**

**Q.754** (1993) [New] [41 pp.] [Publ.: Jul.94]

**Signalling System No. 7 management application service element (ASE) definitions**

**Q.755** (1993) [New] [10 pp.] [Publ.: Jul.94]

**Signalling System No. 7 protocol tests**

\* ISDN user part

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**Functional description of the ISDN user part of Signalling System No. 7**

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**Formats and codes of the ISDN user part of Signalling System No.7**

**Q.764** (1993) [Rev.1] [88 pp.] [Publ.: May.94]

**Signalling System No. 7 - ISDN user part signalling procedures**

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**Performance objectives in the integrated services digital network application**

**Q.767** (02/91) [New] [271 pp.] [Publ.: Oct.91]

**Application of the ISDN user part of CCITT signalling system No. 7 for international ISDN interconnections**

\* Transaction capabilities application part

**Q.771** (1993) [Rev.1] [33 pp.] [Publ.: May.94]

**Signalling System No. 7 - Functional description of transaction capabilities**

**Q.772** (1993) [Rev.1] [7 pp.] [Publ.: Apr.94]

**Signalling System No. 7 - Transaction capabilities information element definitions**

- Q.773 (1993) [Rev.1] [38 pp.]  
**Signalling System No. 7 - Transaction capabilities formats and encoding**
- Q.774 (1993) [Rev.1] [60 pp.] [Publ.: Sep.94]  
**Signalling System No. 7 - Transaction capabilities procedures**
- Q.775 (1993) [Rev.1] [34 pp.] [Publ.: Mar.94]  
**Signalling system No. 7 - Guidelines for using transaction capabilities**

\* Test specification

- Q.780 (1993) [Rev.1] [20 pp.] [Publ.: Aug.94]  
**Signalling System No. 7 test specification general description**
- Q.781 (1993) [Rev.1] [100 pp.] [Publ.: May.94]  
**Signalling System No. 7 - MTP level 2 test specification**
- Q.782 (1993) [Rev.1] [141 pp.] [Publ.: Sep.94]  
**Signalling System No. 7 - MTP level 3 test specification**
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TUP test specification
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**ISUP basic call test specification**
- Q.784 A (1993) [New] [131 pp.] [Publ. sched.: Dec.94]  
**TTCN version of Recommendation Q.784**
- Q.785 (09/91) [New] [49 pp.] [Publ.: Nov.91]  
**ISUP protocol test specification for supplementary services**

\* Signalling connection control part

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**Signalling System No. 7 - SCCP test specification**
- Q.787 (1993) [New] [267 pp.] [Publ.: Oct.94]  
**Transaction capabilities (TC) test specification**

\* Q3 interface

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**Lower layer protocol profiles for the Q3 interface**
- Q.812 (1993) [New] [16 pp.] [Publ.: Jul.94]  
**Upper layer protocol profiles for the Q3 interface**
- Q.821 (1993) [New] [46 pp.] [Publ.: Jul.94]  
**Stage 2 and stage 3 description for the Q3 interface - Alarm surveillance**
- Q.822 (04/94) [New] [57 pp.]  
Stage 1, stage 2 and stage 3 description for the Q3 interface - Performance management Note - C: 16/49/70

\* Digital subscriber signalling system No. 1 - General

- Q.850 (1993) [New] [22 pp.] [Publ.: Aug.94]  
**Use of cause and location in the digital subscriber Signalling System No. 1 and the Signalling System No. 7 ISDN user part**

\* Data link layer

- Q.920 (1993) [Rev.1] [20 pp.] [Publ.: Apr.94]  
**Digital subscriber Signalling System No.1 (DSS1) - ISDN user-network interface data link layer - General aspects Note - Same as I.440**

**Q.921** (1993) [Rev.1] [120 pp.] [Publ. sched.: Dec.94]  
ISDN user-network interface - Data link layer specification Note - Same as I.441

**Q.921** bis (1993) [New] [10 pp.] [Publ.: Nov.93]  
Abstract test suite for LAPD conformance testing

**Q.922** (02/92) [New] [109 pp.] [Publ.: Aug.92]  
**ISDN data link layer specification for frame mode bearer services**

\* Network layer

**Q.930** (1993) [Rev.1] [3 pp.] [Publ.: Aug.94]  
**Digital subscriber Signalling System No. 1 (DSS 1) - ISDN user-network interface layer 3 - General aspects Note - Same as I.450**

**Q.931** (1993) [Rev.1] [317 pp.] [Publ.: Oct.94]  
**Digital subscriber Signalling System No. 1 (DSS 1) - ISDN user-network interface layer 3 specification for basic call control**

**Q.932** (1993) [Rev.1] [88 pp.] [Publ.: Sep.94]  
**Digital subscriber Signalling System No. 1 (DSS 1) - Generic procedures for the control of ISDN supplementary services**

**Q.933** (1993) [New] [71 pp.] [Publ.: Aug.94]  
Digital Subscriber Signalling System No. 1 (DSS 1) - Signalling specification for frame mode basic call control

**Q.939** (1993) [New] [49 pp.] [Publ.: Sep.94]  
Digital Subscriber Signalling System No. 1 (DSS 1) - Typical DSS 1 service indicator codings for ISDN telecommunications services

\* User-network management

**Q.940** (1988) [Blue Book Fasc. VI.11] [Publ.: Nov.89]  
ISDN user-network interface protocol for management - General aspects

**Q.941** (1993) [New] [9 pp.] [Publ.: May.94]  
**Digital subscriber Signalling System No. 1 (DSS 1)- ISDN user-network interface protocol profile for management**

\* Stage 3 description for supplementary services using DSS 1

**Q.950** (1993) [New] [12 pp.] [Publ.: Jul.94]  
**Digital subscriber Signalling System No. 1 (DSS 1) - Supplementary services protocols, structure and general principles**

**Q.951** **Stage 3 description for number identification supplementary services using DSS 1**  
**Clause 1 (02/92) [New] [4 pp.] [Publ.: May.92]**  
Direct-dialling-in (DDI)

Clause 2 (02/92) [New] [5 pp.] [Publ.: May.92]  
Multiple subscriber number (MSN)

Clause 3 (1993) [New] [13 pp.]  
Calling line identification presentation Note - Q.951 3-6 published together

Clause 4 (1993) [New] [6 pp.]  
Calling line identification restriction Note - Q.951 3-6 published together

Clause 5 (1993) [New] [14 pp.]  
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Connected line identification restriction Note - Q.951 3-6 published together

Clause 8 (02/92) [New] [5 pp.] [Publ.: May.92]

Sub-addressing (SUB)

**Q.952** (1993) [New] [66 pp.] [Publ.: Oct.94]  
Stage 3 service description for call offering supplementary services using DSS 1 - Diversion supplementary services

**Q.953 Stage 3 description for call completion supplementary services using DSS 1**

Clause 1 (02/92) [New] [11 pp.] [Publ.: Jun.92]

Call waiting

Clause 2 (1993) [New] [17 pp.] [Publ.: Aug.94]

Call hold

**Q.954 Stage 3 description for multiparty supplementary services using DSS 1**

**Clause 1 (1993) [New] [43 pp.] [Publ.: Sep.94]**

Clause 1 - Conference call

Clause 2 (1993) [New] [19 pp.] [Publ.: Sep.94]

Clause 2 - Three-party service

**Q.955 Stage 3 description for community of interest supplementary services using DSS 1**

**Clause 1 (02/92) [New] [21 pp.] [Publ.: Jun.92]**

Closed user group

Clause 3 (1993) [New] [59 pp.] [Publ.: Sep.94]

Multi-level precedence and preemption (MLPP)

**Q.957 Stage 3 description for additional information transfer supplementary services using DSS 1**

**Clause 1 (1993) [New] [20 pp.] [Publ.: Aug.94]**

User-to-user signalling (UUS)

\* Public land mobile network - General

**Q.1000** (1988) [Blue Book Fasc. VI.12] [Publ.: Jun.89]  
Structure of the Q.1000-Series Recommendations for public land mobile networks

**Q.1001** (1988) [Blue Book Fasc. VI.12] [Publ.: Jun.89]  
General aspects of public land mobile networks

**Q.1002** (1988) [Blue Book Fasc. VI.12] [Publ.: Jun.89]  
Network functions

**Q.1003** (1988) [Blue Book Fasc. VI.12] [Publ.: Jun.89]  
Location registration procedures

**Q.1004** (1988) [Blue Book Fasc. VI.12] [Publ.: Jun.89]  
Location register restoration procedures

**Q.1005** (1988) [Blue Book Fasc. VI.12] [Publ.: Jun.89]  
Handover procedures

\* Interworking with ISDN and PSTN

**Q.1031** (1988) [Blue Book Fasc. VI.12] [Publ.: Jun.89]  
General signalling requirements on interworking between the ISDN or PSTN and the PLMN

**Q.1032** (1988) [Blue Book Fasc. VI.12] [Publ.: Jun.89]  
Signalling requirements relating to routing of calls to mobile subscribers

\* Mobile Application Part

**Q.1051** (1988) [Blue Book Fasc. VI.13] [Publ.: Jan.90]  
Mobile Application Part Note - Further developed by ETSI

\* Digital PLMN user-network interfaces

- Q.1061** (1988) [Blue Book Fasc. VI.13] [Publ.: Jan.90]  
General aspects and principles relating to digital PLMN access signalling reference points
- Q.1062** (1988) [Blue Book Fasc. VI.13] [Publ.: Jan.90]  
Digital PLMN access signalling reference configurations
- Q.1063** (1988) [Blue Book Fasc. VI.13] [Publ.: Jan.90]  
Digital PLMN channel structures and access capabilities at the radio interface (Um reference point)

\* Interworking with Standard A INMARSAT system

- Q.1100** (1993) [Rev.1] [2 pp.] [Publ.: Jan.94]  
**Interworking with standard A INMARSAT system - Structure of the Recommendations on the INMARSAT mobile satellite systems**
- Q.1101** (1988) [Blue Book Fasc. VI.14] [Publ.: Oct.89]  
General requirements for the interworking of the terrestrial telephone network and INMARSAT Standard A system
- Q.1102** (1988) [Blue Book Fasc. VI.14] [Publ.: Oct.89]  
Interworking between Signalling System R2 and INMARSAT Standard A system
- Q.1103** (1988) [Blue Book Fasc. VI.14] [Publ.: Oct.89]  
Interworking between Signalling System No. 5 and INMARSAT Standard A system

\* Interworking with Standard B INMARSAT system

- Q.1111** (1993) [Rev.1] [22 pp.] [Publ.: May.94]  
**Interfaces between the INMARSAT Standard B system and the international public switched telephone network/ISDN**
- Q.1112** (1993) [Rev.1] [57 pp.] [Publ.: Jul.94]  
**Procedures for interworking between INMARSAT Standard-B system and the international public switched telephone network/ISDN**

\* Interworking with the INMARSAT aeronautical mobile-satellite system

- Q.1151** (1993) [Rev.1] [20 pp.] [Publ.: Apr.94]  
**Interfaces for interworking between the INMARSAT aeronautical mobile-satellite system and the international public switched telephone network/ISDN**
- Q.1152** (1993) [Rev.1] [55 pp.] [Publ.: May.94]  
**Procedures for interworking between INMARSAT aeronautical mobile satellite system and the international public switched telephone network/ISDN**

\* Intelligent network

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**Q-series intelligent network Recommendation structure**
- Q.1201** (10/92) [New] [37 pp.] [Publ.: May.93]  
**Principles of intelligent network architecture Note - Same as I.312**
- Q.1202** (10/92) [New] [4 pp.] [Publ.: Apr.93]  
**Intelligent network - Service plane architecture Note - Same as I.328**
- Q.1203** (10/92) [New] [12 pp.] [Publ.: May.93]  
IN global functional plane architecture Note - Same as I.329
- Q.1204** (1993) [New] [24 pp.] [Publ.: Jan.94]  
**Intelligent network distributed functional plane architecture Note - EFS**
- Q.1205** (1993) [New] [6 pp.] [Publ.: Nov.93]  
**Intelligent network physical plane architecture**
- Q.1208** (1993) [New] [1 pp.] [Publ.: Dec.93]

**General aspects of the intelligent network application protocol**

**Q.1211** (1993) [New] [30 pp.] [Publ.: Dec.93]

**Introduction to intelligent network capability set 1**

**Q.1213** (1993) [New] [33 pp.] [Publ.: Jan.94]

**Global functional plane for intelligent network CS-1**

**Q.1214** (1993) [New] [224 pp.] [Publ.: Feb.94]

**Distributed functional plane for intelligent network CS-1**

**Q.1215** (1993) [New] [8 pp.] [Publ.: Dec.93]

**Physical plane for intelligent network CS-1**

**Q.1218** (1993) [New] [110 pp.] [Publ.: Jan.94]

**Interface Recommendation for intelligent network CS-1**

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Intelligent network user's guide for capability set 1 Note - C: 16/49/70

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**Glossary of terms used in the definition of intelligent networks**

**Q.1400** (1993) [New] [49 pp.] [Publ.: Jul.94]

**Architecture framework for the development of signalling and OA&M protocols using OSI concepts**

\* Broadband ISDN

**Q.2100** (07/94) [New] [Publ. sched.: Dec.94] [PN: Q.SAAL.0]

B-ISDN signalling ATM adaptation layer (SAAL) overview description Note - C: 47/76/97

**Q.2110** (07/94) [New] [108 pp.] [Publ. sched.: Dec.94] [PN: Q.SAAL.1]

B-ISDN ATM Adaptation Layer - Service Specific Connection Oriented Protocol (SSCOP) Note - C: 47/76/97

**Q.2130** (07/94) [New] [Publ. sched.: Dec.94] [PN: Q.SAAL.2]

B-ISDN signalling ATM adaptation layer - Service specific coordination function for support of signalling at the user-network Interface (SSCF at UNI) Note - C: 47/76/97

**\*\* - Series R**

\* Telegraph distortion

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Element error rate

**R.4** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]

Methods for the separate measurements of the degrees of various types of telegraph distortion

**R.5** (1993) [Rev.1] [1 pp.] [Publ.: Jul.94]

**Observation conditions recommended for routine distortion measurements on international telegraph circuits**

**R.9** (1993) [Rev.1] [2 pp.] [Publ.: Jun.94]

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**R.11** (1993) [Rev.1] [2 pp.] [Publ.: Sep.94]

**Calculation of the degree of distortion of a telegraph circuit in terms of the degrees of distortion of the component links**

\* Voice-frequency telegraphy

**R.20** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]

Telegraph modem for subscriber lines

**R.30** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]

Transmission characteristic for international VFT links

- R.31 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Standardization of AMVFT systems for a modulation rate of 50 bauds
- R.35 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.35 bis (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
50-baud wideband VFT systems
- R.36 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Coexistence of 50-baud/120-Hz channels, 100-baud/240-Hz channels, 200-baud/360-Hz or 480-Hz channels on the same voice-frequency telegraph system
- R.37 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.38 A (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Standardization of FMVFT system for a modulation rate of 200 bauds with channels spaced at 480 Hz
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Standardization of FMVFT systems for a modulation rate of 200 bauds with channels spaced at 360 Hz usable on long intercontinental bearer circuits generally used with a 3-kHz spacing
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- R.70** bis (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.71** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.82** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.116 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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\* Definitions

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- S.1** (1993) [Rev.1] [4 pp.] [Publ.: Sep.94]  
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- S.3** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.4** (1993) [Rev.1] [4 pp.] [Publ.: Oct.94]  
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- S.5** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.6** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.7** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.8** (1993) [Rev.1] [1 pp.] [Publ.: Jun.94]  
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- S.9** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.10** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.11** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.12** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Conditions that must be satisfied by synchronous systems operating in connection with standard 50-baud teleprinter circuits
- S.13** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.14** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.15** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.16** (1993) [Rev.1] [11 pp.] [Publ.: Oct.94]  
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- S.17** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.18 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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**Use of display screens in telex machines**
- S.22 (1993) [Rev.1] [2 pp.] [Publ.: Jul.94]  
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- S.23 (1993) [Rev.1] [2 pp.] [Publ.: Jun.94]  
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- S.30 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.31 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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**Alphabets and presentation characteristics for the intex service**
- S.34 (1993) [New] [3 pp.] [Publ.: Jun.94]  
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Definitions of essential technical terms relating to apparatus for alphabetic telegraphy

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\* Terminal equipments and protocols for telematic services

- T.0 (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
Classification of facsimile apparatus for document transmission over the public networks
- T.1 (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
Standardization of phototelegraph apparatus
- T.2 (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
Standardization of group 1 facsimile apparatus for document transmission
- T.3 (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
Standardization of group 2 facsimile apparatus for document transmission
- T.4 (1993) [Rev.3] [55 pp.] [Publ.: Apr.94]  
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- T.6 (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
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- T.10 (1988) [Blue Book Fasc. VII.3] [Publ.: Dec.89]  
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- T.10 bis (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]

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- T.11** (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
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- T.12** (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
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- T.15** (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
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- T.22** (1993) [New] [9 pp.] [Publ.: May.94]  
**Standardized test charts for document facsimile transmissions**
- T.23** (04/94) [New]  
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- T.30** (1993) [Rev.3] [156 pp.] [Publ.: Apr.94]  
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- T.35** (01/91) [Rev.1] [5 pp.] [Publ.: Apr.91]  
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- T.50** (09/92) [Rev.1] [20 pp.] [Publ.: Apr.93]  
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- T.51** (09/92) [Rev.1] [26 pp.] [Publ.: May.93]  
**Latin based coded character sets for telematic services**
- T.52** (1993) [New] [88 pp.] [Publ.: Apr.94]  
Non-latin coded character sets for telematic services
- T.53** (04/94) [New]  
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- T.61** (1993) [Rev.1] [50 pp.] [Publ. sched.: Dec.99]  
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- T.62** (1993) [Rev.1] [150 pp.] [Publ. sched.: Dec.94]  
Control procedures for teletex and Group 4 facsimile services
- T.62** bis (1993) [Rev.1] [40 pp.] [Publ. sched.: Dec.94]  
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- T.63** (1993) [Rev.1] [40 pp.] [Publ. sched.: Dec.94]  
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- \* Conformance testing procedures for the teletex Recommendations
- T.64** (1993) [Rev.1] [120 pp.] [Publ. sched.: Dec.94]  
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- T.70** (1993) [Rev.1] [60 pp.] [Publ. sched.: Dec.94]  
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- T.71** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90]  
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**T.100** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90]  
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**T.101** (1993) [Rev.1] [100 pp.] [Publ. sched.: Mar.95]

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**T.102** (1993) [New] [75 pp.] [Publ. sched.: Dec.94]

**Syntax-based videotex end-to-end protocols for the circuit mode ISDN**

**T.103** (1993) [New] [30 pp.] [Publ. sched.: Dec.94]  
Syntax-based videotex end-to-end protocols for the packet mode ISDN

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**T.105** (1993) [New] [20 pp.] [Publ. sched.: Mar.95]  
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**T.106** (1993) [New] [3 pp.] [Publ.: Oct.94]

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\* Terminals for telematic services

**T.122** (1993) [New] [39 pp.]  
Multipoint communication service for audiographics and audiovisual conferencing service definition

\* Terminal equipments and protocols for telematic services

**T.123** (1993) [New] [20 pp.] [Publ. sched.: Mar.95]  
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**T.300** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90]  
General principles of telematic interworking

**T.330** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90]  
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**T.390** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90] Teletex requirements for interworking with the telex service

**T.400** (1988) [Blue Book Fasc. VII.6] [Publ.: Apr.90]  
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**T.410** S1 (01/91) [Rev.1] [55 pp.] [Publ.: Jul.91]

**First extension (January 1991) to the T.410 Series (1988) of Recommendations contained in the CCITT Blue Book, Fascicle VII.6**

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II - Support for additional bit order mapping Note - Amendments to T.412 + T.417

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Document transfer and manipulation (DTAM) - Services and protocols - Introduction and general principles

T.432 (09/92) [Rev.1] [36 pp.] [Publ.: Aug.93]  
Document transfer and manipulation (DTAM) - Services and protocols - Service definition

T.433 (09/92) [Rev.1] [82 pp.] [Publ.: Oct.93]  
Document transfer, access and manipulation (DTAM) - Services and protocols - Protocol specification

T.434 (09/92) [New] [10 pp.] [Publ.: Jul.93]  
Binary file transfer format for the telematic services

T.441 (1988) [Blue Book Fasc. VII.7] [Publ.: May.90]  
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T.501 (1993) [Rev.1] [29 pp.] [Publ. sched.: Dec.94]  
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A document application profile for the interchange of group 4 facsimile documents

T.504 (1993) [Rev.1] [7 pp.] [Publ. sched.: Dec.94]  
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T.505 (01/91) [New] [107 pp.] [Publ.: Jul.91]  
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**and formatted forms**

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- T.510** (1993) [New] [50 pp.] [Publ. sched.: Dec.94]  
General overview of the T.510-Series Recommendations
- T.521** (09/92) [Rev.1] [16 pp.] [Publ.: Aug.93]  
**Communication application profile BT0 for document bulk transfer based on the session service**
- T.522** (09/92) [Rev.1] [5 pp.] [Publ.: Jun.93]  
**Communication application profile BT1 for document bulk transfer**
- T.523** (1993) [Rev.1] [20 pp.] [Publ. sched.: Dec.94]  
Communication application profile DM-1 for videotex interworking
- T.541** (1993) [Rev.1] [20 pp.] [Publ. sched.: Dec.94]  
Operational application profile for videotex interworking
- T.561** (1988) [Blue Book Fasc. VII.7] [Publ.: May.90]  
Terminal characteristics for mixed mode of operation MM
- T.562** (1988) [Blue Book Fasc. VII.7] [Publ.: May.90]  
Terminal characteristics for teletex processable mode PM.1
- T.563** (1993) [Rev.2] [20 pp.] [Publ. sched.: Mar.95]  
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- T.564** (1993) [Rev.1] [36 pp.] [Publ. sched.: Dec.94]  
Gateway characteristics for videotex interworking
- T.571** (09/92) [New] [11 pp.] [Publ.: Aug.93] [PN: T.565]  
**Terminal characteristics for the telematic file transfer within the teletex service**
- T.611** (09/92) [New] [103 pp.] [Publ.: Oct.93]  
**Programmable communication interface (PCI) APPLI/COM for facsimile group 3, facsimile group 4, teletex and telex services**

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\* Telegraph switching - General

- U.1** (1993) [Rev.1] [11 pp.] [Publ.: Aug.94]  
**Signalling conditions to be applied in the international telex service**
- U.2** (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Standardization of dials and dial pulse generators for the international telex service
- U.3** (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Arrangements in switching equipment to minimize the effects of false calling signals
- U.4** (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Exchange of information regarding signals destined to be used over international circuits concerned with switched teleprinter networks
- U.5** (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Requirements to be met by regenerative repeaters in international connections
- U.6** (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Prevention of fraudulent transit traffic in the fully automatic international telex service
- U.7** (1993) [Rev.1] [1 pp.] [Publ.: Jun.94]  
**Numbering schemes for automatic switching networks**
- U.8** (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Hypothetical reference connections for telex and gentex networks
- U.10** (1993) [Rev.1] [1 pp.] [Publ.: Jul.94]  
**Equipment of an international telex position**

\* Specific signalling schemes and interworking between signalling systems

U.11 (1993) [Rev.1] [15 pp.] [Publ.: Aug.94]

**Telex and gentex signalling on intercontinental circuits used for intercontinental automatic transit traffic (type C signalling)**

U.12 (1993) [Rev.1] [26 pp.] [Publ. sched.: Dec.94]

**Terminal and transit control signalling system for telex and similar services on international circuits (type D signalling)**

U.15 (1993) [Rev.1] [8 pp.] [Publ.: Oct.94]

**Interworking rules for international signalling systems according to Recommendations U.1, U.11 and U.12**

\* Signalling over radio and multiplexed channels

U.20 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]

Telex and gentex signalling on radio channels (synchronous 7-unit systems affording error correction by automatic repetition)

U.21 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]

Operator recall on a telex call set up on a radiotelegraph circuit

U.22 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]

Signals indicating delay in transmission on calls set up by means of synchronous systems with automatic error correction by repetition

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Use of radiotelegraph circuits with ARQ equipment for fully automatic telex calls charged on the basis of elapsed time

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Requirements for telex and gentex operation to be met by synchronous multiplex equipment described in Recommendation R.44

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Requirements for telex and gentex operation to be met by code- and speed-dependent TDM systems conforming to Recommendation R.101

\* Gentex signalling

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Signalling conditions for use in the international gentex network

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\* Particular signalling facilities

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**Response to the not-ready condition of the telex terminal**



U.46 (1993) [New] [2 pp.] [Publ.: Mar.94]

**Interruption of automatic transmission and flow control in the international telex service**

\* Radiotelex interworking

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General requirements to be met in interfacing the international telex network with maritime satellite systems

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**Detailed requirements to be met in interfacing the international telex network with maritime satellite systems**

U.62 (1993) [Rev.1] [5 pp.] [Publ.: Jun.94]

**General requirements to be met in interfacing the international telex network with the fully automated maritime VHF/UHF radio system**

U.63 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]

General requirements to be met in interfacing the international telex network with the maritime "direct printing" system

\* Interworking between new information services and telex

U.70 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]

Telex service signals for telex to teletex interworking

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**International telex store and forward access from a telex subscriber**

U.81 (1993) [Rev.1] [8 pp.]

**International telex store-and-forward - Delivery to a telex subscriber**

\* Intex service

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**Signalling systems for the Intex service (types E and F signalling)**

\* Definitions

U.140 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]

Definitions of essential technical terms relating to telegraph switching and signalling

\* The international telex service

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**The international telex service - General technical requirements for interworking**

U.201 (1993) [Rev.1] [22 pp.]

**Interworking between the teletex service and the international telex service**

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**Technical requirements to be met when providing real-time bothway communications between terminals of the international telex service and data terminal equipments on a PSPDN or via the PSTN**

- U.204** (1993) [Rev.1] [32 pp.]  
**Interworking between the international telex service and the public interpersonal messaging service**
- U.205** (1993) [New] [2 pp.] [Publ.: Mar.94]  
**Store-and-retrieve facility for the delivery of messages from a terminal of the international telex service to a data terminal equipment which connects to a packet-switched public data network over the public switched telephone network**
- U.206** (1993) [New] [7 pp.] [Publ.: Jul.94]  
**Technical requirements for interworking between the international telex service and the videotex service**
- U.207** (1993) [New] [9 pp.] [Publ.: Jul.94]  
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- U.208** (1993) [New] [7 pp.] [Publ.: Jul.94]  
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- U.210** (1993) [New] [4 pp.] [Publ.: Apr.94]  
**Intex service Network requirements to effect interworking with the international telex service**
- U.220** (1993) [New] [6 pp.] [Publ.: Aug.94]  
**The international telex service - Technical requirements for a status enquiry function in an interworking scenario**

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\* Data communication over the telephone network - General

- V.1** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Equivalence between binary notation symbols and the significant conditions of a two-condition code
- V.2** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Power levels for data transmission over telephone lines
- V.4** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
General structure of signals of international alphabet No. 5 code for character oriented data transmission over public telephone networks
- V.7** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Definitions of terms concerning data communication over the telephone network
- V.8** (09/94) [New] [Publ. sched.: Dec.94] [PN: V.id]  
Procedures for starting sessions of data transmission over the general switched telephone network Note - C: 56/82/105

\* Interfaces and voice-band modems

- V.10** (1993) [Rev.1] [18 pp.] [Publ.: Mar.94]  
**Electrical characteristics for unbalanced double-current interchange circuits operating at data signalling rates nominally up to 100 kbit/s Note - Same as X.26**
- V.11** (1993) [Rev.1] [14 pp.] [Publ.: Feb.94]  
**Electrical characteristics for balanced double-current interchange circuits operating at data signalling rates up to 10 Mbit/s Note - Same as X.27**
- V.13** (1993) [Rev.1] [2 pp.] [Publ.: Oct.93]  
**Simulated carrier control**
- V.14** (1993) [Rev.1] [4 pp.] [Publ.: Jan.94]

**Transmission of start-stop characters over synchronous bearer channels**

V.15 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Use of acoustic coupling for data transmission

V.16 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Medical analogue data transmission modems

V.17 (02/91) [New] [11 pp.] [Publ.: May.91]

**A 2-wire modem for facsimile applications with rates up to 14 400 bit/s**

\* Interworking with other networks

V.18 (09/94) [New] [18 pp.] [Publ. sched.: Dec.94] [PN: V.txp]  
Operational and interworking requirements for modems operating in the text telephone mode Note - C:  
56/82/105

\* Interfaces and voice-band modems

V.19 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Modems for parallel data transmission using telephone signalling frequencies

V.21 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
300 bits per second duplex modem standardized for use in the general switched telephone network

V.22 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
1200 bits per second duplex modem standardized for use in the general switched telephone network and on point-to-point 2-wire leased telephone-type circuits

V.22 bis (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]

**2400 bits per second duplex modem using the frequency division technique standardized for use on the general switched telephone network and on point-to-point 2-wire leased telephone-type circuits**

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V.24 (1993) [Rev.1] [19 pp.] [Publ.: Feb.94]

**List of definitions for interchange circuits between data terminal equipment (DTE) and data circuit-terminating equipment (DCE)**

V.25 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
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V.25 bis (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Automatic calling and/or answering equipment on the general switched telephone network (GSTN) using the 100-series interchange circuits

V.26 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
2400 bits per second modem standardized for use on 4-wire leased telephone-type circuits

V.26 bis (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]

**2400/1200 bits per second modem standardized for use in the general switched telephone network**

V.26 ter (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]

**2400 bits per second duplex modem using the echo cancellation technique standardized for use on the general switched telephone network and on point-to-point 2-wire leased telephone-type circuits**

V.27 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
4800 bits per second modem with manual equalizer standardized for use on leased telephone-type circuits

V.27 bis (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
4800/2400 bits per second modem with automatic equalizer standardized for use on leased telephone-type circuits

V.27 ter (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
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Electrical characteristics for unbalanced double-current interchange circuits
- V.29 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
 9600 bits per second modem standardized for use on point-to-point 4-wire leased telephone-type circuits
- V.31 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
 Electrical characteristics for single-current interchange circuits controlled by contact closure
- V.31 bis (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
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- V.32 (1993) [Rev.1] [23 pp.] [Publ.: Jan.94]  
A family of 2-wire, duplex modems operating at data signalling rates of up to 9600 bit/s for use on the general switched telephone network and on leased telephone-type circuits
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- V.33 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
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- V.34 (09/94) [New] [68 pp.] [Publ. sched.: Dec.94] [PN: V.fast]  
 A modem operating at data signalling rates of up to 28 800 bit/s for use on the general switched telephone network and on leased point-to-point 2-wire telephone-type circuits Note - C: 56/82/105

\* Wide-band modems

- V.36 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
 Modems for synchronous data transmission using 60-108 kHz group band circuits
- V.37 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
 Synchronous data transmission at a data signalling rate higher than 72 kbit/s using 60-108 kHz group band circuits
- V.38 (1993) [New] [10 pp.] [Publ.: Jan.94]  
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\* Error control

- V.41 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
 Code-independent error-control system
- V.42 (1993) [Rev.1] [74 pp.] [Publ.: Feb.94]  
Error-correcting procedures for DCEs using asynchronous-to-synchronous conversion
- V.42 bis (01/90) [New] [27 pp.] [Publ.: Jul.90]  
Data compression procedures for data circuit terminating equipment (DCE) using error correcting procedures

\* Transmission quality and maintenance

- V.50 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
 Standard limits for transmission quality of data transmission
- V.51 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
 Organization of the maintenance of international telephone-type circuits used for data transmission
- V.52 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
 Characteristics of distortion and error-rate measuring apparatus for data transmission
- V.53 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
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- V.54 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]

- Loop test devices for modems
- V.55** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Specification for an impulsive noise measuring instrument for telephone-type circuits
- V.56** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Comparative tests of modems for use over telephone-type circuits
- V.57** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Comprehensive data test set for high data signalling rates
- V.58** (09/94) [New] [58 pp.] [Publ. sched.: Dec.94] [PN: V.im]  
Management information model for V-Series DCEs Note - C: 56/82/105

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- V.100** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
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- V.110** (09/92) [Rev.1] [58 pp.] [Publ.: Feb.93]  
Support of data terminal equipments with V-Series type interfaces by an integrated services digital network  
Note - Same as I.463
- V.120** (09/92) [Rev.1] [36 pp.] [Publ.: Feb.93]  
**Support by an ISDN of data terminal equipment with V-Series type interfaces with provision for statistical multiplexing Note - Same as I.465**
- V.230** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
General data communications interface layer 1 specification

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\* Public data networks - Services and facilities

- X.1** (1993) [Rev.1] [6 pp.] [Publ.: Aug.93]  
**International user classes of service in, and categories of access to, public data networks and integrated services digital networks (ISDNs)**
- X.2** (1993) [Rev.1] [22 pp.] [Publ.: Oct.93]  
**International data transmission services and optional user facilities in public data networks and ISDNs**
- X.3** (1993) [Rev.1] [22 pp.] [Publ.: Oct.93]  
**Packet assembly/disassembly facility (PAD) in a public data network**
- X.4** (1988) [Blue Book Fasc. VIII.2] [Publ.: May.89]  
General structure of signals of International Alphabet No. 5 code for character oriented data transmission over public data networks
- X.5** (02/92) [New] [8 pp.] [Publ.: Apr.92]  
**Facsimile packet assembly/disassembly facility (FPAD) in a public data network**
- X.6** (1993) [New] [29 pp.] [Publ.: Nov.93]  
**Multicast service definition**
- X.7** (1993) [New] [36 pp.] [Publ.: Dec.93]  
**Technical characteristics of data transmission services**
- X.8** (07/94) [New] [Publ. sched.: Dec.94] [PN: X.map]  
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- X.10** (1993) [Rev.1] [1 pp.] [Publ.: Aug.93]  
**Categories of access for data terminal equipment (DTE) to public data transmission services**

\* Interfaces

- X.20** (1988) [Blue Book Fasc. VIII.2] [Publ.: May.89]

- Interface between data terminal equipment (DTE) and data circuit-terminating equipment (DCE) for start-stop transmission services on public data networks
- X.20** bis (1988) [Blue Book Fasc. VIII.2] [Publ.: May.89]  
**Use on public data networks of data terminal equipment (DTE) which is designed for interfacing to asynchronous duplex V-Series modems**
- X.21** (09/92) [Rev.1] [56 pp.] [Publ.: Mar.93]  
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- X.21** bis (1988) [Blue Book Fasc. VIII.2] [Publ.: May.89]  
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Multiplex DTE/DCE interface for user classes 3-6
- X.24** (1988) [Blue Book Fasc. VIII.2] [Publ.: May.89]  
List of definitions for interchange circuits between data terminal equipment (DTE) and data circuit-terminating equipment (DCE) on public data networks
- X.25** (1993) [Rev.1] [156 pp.] [Publ.: Dec.93]  
**Interface between data terminal equipment (DTE) and data circuit-terminating equipment (DCE) for terminals operating in the packet mode and connected to public data networks by dedicated circuit**
- X.26** (1988) [Blue Book Fasc. VIII.2] [Publ.: May.89]  
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- X.27** (1988) [Blue Book Fasc. VIII.2] [Publ.: May.89]  
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- X.28** (1993) [Rev.1] [53 pp.] [Publ.: Oct.93]  
**DTE/DCE interface for a start-stop mode data terminal equipment accessing the packet assembly/disassembly facility (PAD) in a public data network situated in the same country**
- X.28** Add. (07/94) [Rev.2] [Publ. sched.: Dec.94]  
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- X.29** (1993) [Rev.1] [16 pp.] [Publ.: Oct.93]  
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- X.30** (1993) [Rev.1] [43 pp.] [Publ.: Nov.93]  
**Support of X.21, X.21 bis and X.20 bis based data terminal equipments (DTEs) by an integrated services digital network (ISDN) Note - Same as I.461**
- X.31** (1993) [Rev.1] [63 pp.] [Publ.: Dec.93]  
**Support of packet mode terminal equipment by an ISDN Note - Same as I.462**
- X.32** (1993) [Rev.1] [59 pp.] [Publ.: Oct.93]  
**Interface between DTE and DCE for terminals operating in the packet mode and accessing a packet switched public data network through a public switched telephone network or an integrated services digital network or a circuit switched public data network**
- X.35** (11/93) [New] [Publ. sched.: Dec.94] [PN: X.pvt]  
**Interface between a PSPDN and a private PSDN which is based on X.25 procedures and enhancements to define a gateway function that is provided in the PSPDN Note - C: 8/25/43**
- X.38** (02/92) [New] [46 pp.] [Publ.: May.92]  
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- X.39** (02/92) [New] [17 pp.] [Publ.: May.92]  
**Procedures for the exchange of control information and user data between a facsimile packet assembly/disassembly (FPAD) facility and a packet mode data terminal equipment (DTE) or another**

## FPAD

\* Transmission, signalling and switching

- X.50** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Fundamental parameters of a multiplexing scheme for the international interface between synchronous data networks
- X.50** bis (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Fundamental parameters of a 48-kbit/s user data signalling rate transmission scheme for the international interface between synchronous data networks
- X.51** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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- X.51** bis (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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Method of encoding anisochronous signals into a synchronous user bearer
- X.53** (1993) [Rev.1] [1 pp.] [Publ.: Jun.94]  
**Numbering of channels on international multiplex links at 64 kbit/s**
- X.54** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Allocation of channels on international multiplex links at 64 kbit/s
- X.55** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Interface between synchronous data networks using a 6 + 2 envelope structure and single channel per carrier (SCPC) satellite channels
- X.56** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Interface between synchronous data networks using an 8 + 2 envelope structure and single channel per carrier (SCPC) satellite channels
- X.57** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Method of transmitting a single lower speed data channel on a 64 kbit/s data stream
- X.58** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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- X.61** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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- X.70** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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- X.71** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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**Packet-switched signalling system between public networks providing data transmission services**
- X.80** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Interworking of interexchange signalling systems for circuit switched data services
- X.81** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Interworking between an ISDN circuit-switched and a circuit-switched public data network (CSPDN)
- X.82** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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\* Network aspects

- X.92 (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Hypothetical reference connections for public synchronous data networks
- X.96 (1993) [Rev.1] [6 pp.] [Publ.: Aug.93]  
**Call progress signals in public data networks**
- X.110 (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
International routing principles and routing plan for public data networks
- X.121 (09/92) [Rev.1] [17 pp.] [Publ.: Feb.93]  
**International numbering plan for public data networks**
- X.122 (09/92) [New] [39 pp.] [Publ.: Mar.93]  
Numbering plan interworking for the E.164 and X.121 numbering plans Note - Same as E.166 (new text)
- X.130 (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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- X.131 (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
Call blocking in public data networks when providing international synchronous circuit-switched data services
- X.134 (09/92) [Rev.1] [10 pp.] [Publ.: Apr.93]  
**Portion boundaries and packet layer reference events: basis for defining packet-switched performance parameters**
- X.135 (09/92) [Rev.1] [29 pp.] [Publ.: May.93]  
**Speed of service (delay and throughput) performance values for public data networks when providing international packet-switched services**
- X.136 (09/92) [Rev.1] [18 pp.] [Publ.: Apr.93]  
**Accuracy and dependability performance values for public data networks when providing international packet-switched services**
- X.137 (09/92) [Rev.1] [17 pp.] [Publ.: Apr.93]  
**Availability performance values for public data networks when providing international packet-switched services**
- X.138 (09/92) [New] [38 pp.] [Publ.: May.93]  
**Measurement of performance values for public data networks when providing international packet-switched services**
- X.139 (09/92) [New] [14 pp.] [Publ.: Apr.93]  
**Echo, drop, generator and test DTEs for measurement of performance values in public data networks when providing international packet-switched services**
- X.140 (09/92) [Rev.1] [25 pp.] [Publ.: May.93]  
**General quality of service parameters for communication via public data networks**
- X.141 (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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\* Maintenance

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- X.180 (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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- X.181 (1988) [Blue Book Fasc. VIII.3] [Publ.: Aug.89]  
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\* Open Systems Interconnection - General - Model and notation

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8/25/43

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definition of OSI services Note - C: 8/25/43

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Physical service definition of open systems interconnection for CCITT applications Note - Corrigendum  
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