

# **InfoMagic STANDARDS CD-ROM**

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## Index to Internet FYIs (For Your Information)

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## Author 1.; Author 2.; Author 3. Title of FYI. Issue date; ## p. (Format: PS=xxx TXT=zzz bytes) (Also RFC #####) (Obsoletes xxx; Obsoleted by xxx; Updates xxx; Updated by xxx)

- 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     Scheiffler, 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)
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- 922 Mogul, J. **Broadcasting Internet datagrams in the presence of subnets.** 1984 October; 12 p. (Format: TXT=24832 bytes)
- 921 Postel, J. **Domain name system implementation schedule - revised.** 1984 October; 13 p. (Format: TXT=24059 bytes) (Updates RFC 897)
- 920 Postel, J.; Reynolds, J. **Domain requirements.** 1984 October; 14 p. (Format: TXT=28621 bytes)
- 919 Mogul, J. **Broadcasting Internet datagrams.** 1984 October; 8 p. (Format: TXT=16838 bytes)
- 918 Reynolds, J. **Post Office Protocol.** 1984 October; 5 p. (Format: TXT=10166 bytes) (Obsoleted by RFC 937)
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- 915 Elvy, M.; Nedved, R. **Network mail path service.** 1984 December; 11 p. (Format: TXT=22262 bytes)
- 914 Farber, D.; Delp, G.; Conte, T. **Thinwire protocol for connecting personal computers to the Internet.**

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- 912** St. Johns, M. **Authentication service.** 1984 September; 3 p. (Format: TXT=4715 bytes) (Obsoleted by RFC 931)
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- 908** Velten, D.; Hinden, R.; Sax, J. **Reliable Data Protocol.** 1984 July; 56 p. (Format: TXT=101185 bytes) (Updated by RFC 1151)
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- 906** Finlayson, R. **Bootstrap loading using TFTP.** 1984 June; 4 p. (Format: TXT=10329 bytes)
- 905** McKenzie, A. **ISO Transport Protocol specification ISO DP 8073.** 1984 April; 154 p. (Format: TXT=258729 bytes) (Obsoletes RFC 892)
- 904** Mills, D. **Exterior Gateway Protocol formal specification.** 1984 April; 30 p. (Format: TXT=65226 bytes) (Updates RFC 827, RFC 888)
- 903** Finlayson, R.; Mann, T.; Mogul, J.; Theimer, M. **Reverse Address Resolution Protocol.** 1984 June; 4 p. (Format: TXT=9572 bytes)
- 902** Reynolds, J.; Postel, J. **ARPA Internet Protocol policy.** 1984 July; 5 p. (Format: TXT=11317 bytes)
- 901** Reynolds, J.; Postel, J. **Official ARPA-Internet protocols.** 1984 June; 28 p. (Format: TXT=42682 bytes) (Obsoletes RFC 880; Obsoleted by RFC 924)
- 900** Reynolds, J.; Postel, J. **Assigned Numbers.** 1984 June; 43 p. (Format: TXT=84610 bytes) (Obsoletes RFC 870; Obsoleted by RFC 1340)
- 899** Postel, J.; Westine, A. **Requests For Comments Summary Notes: 800-899.** 1984 May; 18 p. (Format: TXT=41028 bytes)
- 898** Hinden, R.; Postel, J.; Muuss, M.; Reynolds, J. **Gateway special interest group meeting notes.** 1984 April; 24 p. (Format: TXT=43504 bytes)
- 897** Postel, J. **Domain name system implementation schedule.** 1984 February; 8 p. (Format: TXT=16139 bytes) (Updates RFC 881; Updated by RFC 921)
- 896** Nagle, J. **Congestion control in IP/TCP internetworks.** 1984 January 6; 9 p. (Format: TXT=27294 bytes)
- 895** Postel, J. **Standard for the transmission of IP datagrams over experimental Ethernet networks.** 1984 April; 3 p. (Format: TXT=5156 bytes)
- 894** Hornig, C. **Standard for the transmission of IP datagrams over Ethernet networks.** 1984 April; 3 p. (Format: TXT=5868 bytes)
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- 882 Mockapetris, P. **Domain names: Concepts and facilities.** 1983 November; 31 p. (Format: TXT=81574 bytes) (Obsoleted by RFC 1034, RFC 1035; Updated by RFC 973)
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- 878 Malis, A. **ARPANET 1822L Host Access Protocol.** 1983 December; 48 p. (Format: TXT=77784 bytes) (Obsoletes RFC 851)
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- 870 Reynolds, J.; Postel, J. **Assigned numbers.** 1983 October; 26 p. (Format: TXT=57563 bytes) (Obsoletes RFC 820; Obsoleted by RFC 1340)
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- 859 Postel, J.; Reynolds, J. **Telnet status option.** 1983 May; 3 p. (Format: TXT=4443 bytes) (Obsoletes RFC 651)

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- 855 Postel, J.; Reynolds, J. **Telnet option specifications.** 1983 May; 4 p. (Format: TXT=6218 bytes) (Obsoletes NIC 18640)
- 854 Postel, J.; Reynolds, J. **Telnet Protocol specification.** 1983 May; 15 p. (Format: TXT=39371 bytes) (Obsoletes RFC 764, NIC 18639)
- 853 Not issued.
- 852 Malis, A. **ARPANET short blocking feature.** 1983 April; 13 p. (Format: TXT=17151 bytes)
- 851 Malis, A. **ARPANET 1822L Host Access Protocol.** 1983 April 18; 44 p. (Format: TXT=72042 bytes) (Obsoletes RFC 802; Obsoleted by RFC 878)
- 850 Horton, M. **Standard for interchange of USENET messages.** 1983 June; 18 p. (Format: TXT=43871 bytes) (Obsoleted by RFC 1036)
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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)
- 844 Clements, R. **Who talks ICMP, too? - Survey of 18 February 1983.** 1983 February 18; 5 p. (Format: TXT=9323 bytes) (Updates RFC 843)
- 843 Smallberg, D. **Who talks TCP? - survey of 8 February 83.** 1983 February 9; 14 p. (Format: TXT=47023 bytes) (Obsoletes RFC 842; Obsoleted by RFC 845; Updated by RFC 844)
- 842 Smallberg, D. **Who talks TCP? - survey of 1 February 83.** 1983 February 3; 14 p. (Format: TXT=46784 bytes) (Obsoletes RFC 839; Obsoleted by RFC 843)
- 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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- 833 Smallberg, D. **Who talks TCP?.** 1982 December 14; 13 p. (Format: TXT=43728 bytes) (Obsoletes RFC 832; Obsoleted by RFC 834)
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- 824 MacGregor, W. **CRONUS Virtual Local Network.** 1982 August 25; 41 p. (Format: TXT=58732 bytes)
- 823 Hinden, R.; Sheltzer, A. **DARPA Internet gateway.** 1982 September; 33 p. (Format: TXT=62620 bytes) (Updates IEN 109, IEN 30)
- 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)
- 820 Postel, J. **Assigned numbers.** 1982 August 14; 1 p. (Format: TXT=54213 bytes) (Obsoletes RFC 790; Obsoleted by RFC 1340)
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- 806 National Bureau of Standards; NBS **Proposed Federal Information Processing Standard: Specification for message format for computer based message systems.** 1981 September; 99 p. (Format: TXT=216377 bytes) (Obsoleted by RFC 841)
- 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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- 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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- 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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- 766 Postel, J. **Internet Protocol Handbook: Table of contents.** 1980 July; 1 p. (Format: TXT=3585 bytes) (Obsoleted by RFC 774)
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- 760 Postel, J. **DoD standard Internet Protocol.** 1980 January; 41 p. (Format: TXT=84214 bytes) (Obsoletes IEN 123; Obsoleted by RFC 791, RFC 777)
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- 757 Deutsch, D. **Suggested solution to the naming, addressing, and delivery problem for ARPANET**

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- 756** Pickens, J.; Feinler, E.; Mathis, J. **NIC name server - a datagram-based information utility.** 1979 July; 11 p. (Format: TXT=24172 bytes)
- 755** Postel, J. **Assigned numbers.** 1979 May 3; 12 p. (Format: TXT=22734 bytes) (Obsoletes RFC 750; Obsoleted by RFC 1340)
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- 736** Crispin, M. **Telnet SUPDUP option.** 1977 October 31; 2 p. (Format: TXT=3200 bytes)
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- 734** Crispin, M. **SUPDUP Protocol.** 1977 October 7; 14 p. (Format: TXT=33920 bytes)
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- 454 McKenzie, A. **File Transfer Protocol - meeting announcement and a new proposed document (Not  
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- 448 Braden, R. **Print files in FTP (Not online)** 1973 February 27; 4 p.
- 447 McKenzie, A. **IMP/TIP memory retrofit schedule (Not online)** 1973 January 29; 2 p. (Obsoletes  
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- 430 Braden, R. **Comments on File Transfer Protocol (Not online)** 1973 February 7; 8 p.
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- 424 Not issued.
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- 422 McKenzie, A. **Traffic statistics (November 1972) (Not online)** 1972 December 11; 4 p.
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- 414 Bhushan, A. **File Transfer Protocol (FTP) status and further comments (Not online)** 1972

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- 413 McKenzie, A. **Traffic statistics (October 1972) (Not online)** 1972 November 13; 8 p.
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- 407 Bressler, R. **Remote Job Entry Protocol.** 1972 October 16; 24 p. (Format: TXT=48770 bytes)  
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- 399 Krilanovich, M. **SMFS login and logout (Not online)** 1972 September 26; 2 p. (Obsoleted by RFC 431; Updates RFC 122)
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- 397 Not issued.
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- 390 Braden, R. **TSO scenario (Not online)** 1972 September 12; 3 p.
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- 387 Kelley, K.C.; Meir, J. **Some experiences in implementing Network Graphics Protocol Level 0 (Not online)** 1972 August 10; 6 p.
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- 385 Bhushan, A. **Comments on the File Transfer Protocol (Not online)** 1972 August 18; 5 p. (Updates RFC 354; Updated by RFC 414)

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- 383 Not issued.
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- 380 Not issued.
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- 378 McKenzie, A. **Traffic statistics (July 1972) (Not online)** 1972 August 10; 3 p. (Obsoleted by RFC 391)
- 377 Braden, R. **Using TSO via ARPA Network Virtual Terminal (Not online)** 1972 August 10; 8 p.
- 376 Westheimer, E. **Network host status (Not online)** 1972 August 8; 3 p. (Obsoletes RFC 370)
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- 368 Braden, R. **Comments on "Proposed Remote Job Entry Protocol" (Not online)** 1972 July 21; 2 p.
- 367 Westheimer, E. **Network host status (Not online)** 1972 July 19; 3 p. (Obsoletes RFC 366; Obsoleted by RFC 370)
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- 364 Abrams, M. **Serving remote users on the ARPANET (Not online)** 1972 July 11; 7 p.
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- 362 Westheimer, E. **Network host status (Not online)** 1972 June 28; 3 p. (Obsoletes RFC 353; Obsoleted by RFC 366)
- 361 Bressler, R. **Deamon processes on host 106 (Not online)** 1972 July 5; 1 p.
- 360 Holland, C. **Proposed Remote Job Entry Protocol (Not online)** 1972 June 24; 16 p. (Obsoleted by RFC 407)
- 359 Walden, D. **Status of the release of the new IMP System (2600) (Not online)** 1972 June 22; 1 p. (Obsoletes RFC 343)
- 358 Not issued.
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- 355 Davidson, J. **Response to NWG/RFC 346 (Not online)** 1972 June 9; 2 p.
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- 353 Westheimer, E. **Network host status (Not online)** 1972 June 12; 3 p. (Obsoletes RFC 344; Obsoleted

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- 344 Westheimer, E. **Network host status (Not online)** 1972 May 22; 3 p. (Obsoletes RFC 342; Obsoleted by RFC 353)
- 343 McKenzie, A. **IMP System change notification (Not online)** 1972 May 19; 2 p. (Obsoletes RFC 331; Obsoleted by RFC 359)
- 342 Westheimer, E. **Network host status (Not online)** 1972 May 15; 3 p. (Obsoletes RFC 332; Obsoleted by RFC 344)
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- 339 Thomas, R. **MLTNET: A "Multi Telnet" subsystem for Tenex (Not online)** 1972 May 5; 8 p.
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- 337 Not issued.
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- 332 Westheimer, E. **Network host status (Not online)** 1972 April 25; 3 p. (Obsoletes RFC 330; Obsoleted by RFC 342)
- 331 McQuillan, J. **IMP System change notification (Not online)** 1972 April 19; 1 p. (Obsoleted by RFC 343)
- 330 Westheimer, E. **Network host status (Not online)** 1972 April 13; 3 p. (Obsoletes RFC 326; Obsoleted by RFC 332)
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- 323 Cerf, V. **Formation of Network Measurement Group (NMG) (Not online)** 1972 March 23; 9 p.

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- 317 Postel, J. **Official Host-Host Protocol modification: Assigned link numbers (Not online)** 1972 March 20; 1 p. (Obsoleted by RFC 604)
- 316 McKay, D.; Mullery, A. **ARPA Network Data Management Working Group (Not online)** 1972 February 23; 10 p.
- 315 Westheimer, E. **Network host status (Not online)** 1972 March 8; 3 p. (Obsoletes RFC 306; Obsoleted by RFC 319)
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- 312 McKenzie, A. **Proposed change in IMP-to-Host Protocol (Not online) 1972** March 22; 2 p.
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- 309 Bhushan, A. **Data and File Transfer workshop announcement (Not online) 1972** March 17; 5 p.
- 308 Seriff, M. **ARPANET host availability data (Not online)** 1972 March 13; 3 p.
- 307 Harslem, E. **Using network Remote Job Entry (Not online)** 1972 February 24; 6 p.
- 306 Westheimer, E. **Network host status (Not online)** 1972 February 15; 3 p. (Obsoletes RFC 298; Obsoleted by RFC 315)
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- 298 Westheimer, E. **Network host status (Not online)** 1972 February 11; 3 p. (Obsoletes RFC 293; Obsoleted by RFC 306)
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- 295 Postel, J. **Report of the Protocol Workshop, 12 October 1971 (Not online)** 1972 January 2; 4 p.
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- 293 Westheimer, E. **Network host status (Not online)** 1972 January 18; 3 p. (Obsoletes RFC 288; Obsoleted by RFC 298)

- 292 Michener, J.; Cotton, I.; Kelley, K.C.; Liddle, D.; Meyer, E. Jr. **Graphics Protocol: Level 0 only (Not online)** 1972 January 12; 9 p.
- 291 McKay, D. **Data management meeting announcement (Not online)** 1972 January 14; 2 p.
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- 289 Watson, R. **What we hope is an official list of host names (Not online) 1971 December 21; 3 p.** (Obsoleted by RFC 384)
- 288 Westheimer, E. **Network host status (Not online)** 1972 January 6; 6 p. (Obsoletes RFC 287; Obsoleted by RFC 293)
- 287 Westheimer, E. **"Status of network hosts" (Not online)** 1971 December 22; 3 p. (Obsoletes RFC 267; Obsoleted by RFC 288)
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- 285 Huff, D. **Network graphics (Not online)** 1971 December 15; 13 p.
- 284 Not issued.
- 283 Braden, R. **NETRJT: Remote Job Service Protocol for TIPS (Not online) 1971 December 20; 9 p.** (Updates RFC 189)
- 282 Padlipsky, M. **Graphics meeting report (Not online)** 1971 December 8; 8 p.
- 281 McKenzie, A. **Suggested addition to File Transfer Protocol (Not online) 1971 December 8; 5 p.**
- 280 Watson, R. **Draft of host names (Not online)** 1971 November 17; 4 p.
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- 277 Not issued.
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- 275 Not issued.
- 274 Forman, E. **Establishing a local guide for network usage (Not online)** 1971 November 1; 5 p.
- 273 Watson, R. **"More on standard host names" (Not online)** 1971 October 18; 3 p. (Obsoletes RFC 237)
- 272 Not issued.
- 271 Cosell, B. **IMP System change notifications (Not online)** 1972 January 3; 2 p.
- 270 McKenzie, A. **Correction to BBN Report No. 1822 (NIC NO 7958) (Not online)** 1972 January 1; 3 p. (Updates NIC 7959)
- 269 Brodie, H. **Some experience with file transfer (Not online)** 1971 December 6; 3 p. (Updates RFC 122, RFC 238)
- 268 Postel, J. **Graphics facilities information (Not online)** 1971 November 24; 1 p.
- 267 Westheimer, E. **Network host status (Not online)** 1971 November 22; 3 p. (Obsoletes RFC 266; Obsoleted by RFC 287)
- 266 Westheimer, E. **"Network host status" (Not online)** 1971 November 8; 2 p. (Obsoletes RFC 255; Obsoleted by RFC 267)
- 265 Bhushan, A.; Braden, R.; Crowther, W.; Harslem, E.; Heafner, J.; McKenzie, A.; Melvin, J.; Sundberg, R.; Watson, R.; White, J. **File Transfer Protocol (Not online)** 1971 November 17; 11 p. (Obsoletes RFC 172; Obsoleted by RFC 354; Updated by RFC 294)
- 264 Bhushan, A.; Braden, R.; Crowther, W.; Harslem, E.; Heafner, J.; McKenzie, A.; Melvin, J.; Sundberg, R.;

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- 263 McKenzie, A. **"Very Distant" Host interface (Not online)** 1971 December 17; 2 p.
- 262 Not issued.
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- 256 Cosell, B. **IMPSYS change notification (Not online)** 1971 November 3; 1 p.
- 255 Westheimer, E. **"Status of network hosts" (Not online)** 1971 October 26; 2 p. (Obsoletes RFC 252; Obsoleted by RFC 266)
- 254 Bhushan, A. **Scenarios for using ARPANET computers (Not online)** 1971 October 29; 32 p.
- 253 Moorer, J. **Second Network Graphics meeting details (Not online)** 1971 October 19; 1 p.
- 252 Westheimer, E. **Network host status (Not online)** 1971 October 8; 3 p. (Obsoletes RFC 240; Obsoleted by RFC 255)
- 251 Stern, D. **Weather data (Not online)** 1971 October 13; 2 p.
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- 248 Not issued.
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- 246 Vezza, A. **Network Graphics meeting (Not online)** 1971 October 5; 1 p.
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- 244 Not issued.
- 243 Mullery, A. **"Network and data sharing bibliography" (Not online)** 1971 October 5; 6 p. (Obsoleted by RFC 290)
- 242 Haibt, L.; Mullery, A. **Data descriptive language for shared data (Not online)** 1971 July 19; 12 p.
- 241 McKenzie, A. **Connecting computers to MLC ports (Not online)** 1971 September 29; 2 p.
- 240 McKenzie, A. **Site status (Not online)** 1971 September 30; 5 p. (Obsoletes RFC 235; Obsoleted by RFC 252)
- 239 Braden, R. **Host mnemonics proposed in RFC 226 (NIC 7625) (Not online)** 1971 September 23; 1 p.
- 238 Braden, R. **"Comments on DTP and FTP proposals" (Not online)** 1971 September 29; 1 p. (Updates RFC 171, RFC 172; Updated by RFC 269)
- 237 Watson, R. **NIC view of standard host names (Not online)** 1971 September 29; 1 p. (Obsoleted by RFC 273)
- 236 Postel, J. **Standard host names (Not online)** 1971 September 27; 2 p. (Obsoletes RFC 229)
- 235 Westheimer, E. **Site status (Not online)** 1971 September 27; 4 p. (Obsoleted by RFC 240)
- 234 Vezza, A. **Network Working Group meeting schedule (Not online)** 1971 October 5; 1 p. (Updates RFC 222, RFC 204)
- 233 Bhushan, A.; Metcalfe, R. **Standardization of host call letters (Not online)** 1971 September 28; 1 p.
- 232 Vezza, A. **Postponement of network graphics meeting (Not online)** 1971 September 23; 1 p.

- 231 Heafner, J.; Harslem, E. **Service center standards for remote usage: A user's view (Not online)** 1971 September 21; 5 p.
- 230 Pyke, T. Jr. **Toward reliable operation of minicomputer-based terminals on a TIP (Not online)** 1971 September 24; 3 p.
- 229 Postel, J. **"Standard host names" (Not online)** 1971 September 22; 2 p. (Obsoleted by RFC 236)
- 228 Walden, D. **"Clarification" (Not online)** 1971 September 22; 1 p. (Updates RFC 70)
- 227 Heafner, J.; Harslem, E. **Data transfer rates (Rand/UCLA) (Not online) 1971 September 17; 2 p.** (Updates RFC 113)
- 226 Karp, P. **"Standardization of host mnemonics" (Not online)** 1971 September 20; 1 p. (Obsoleted by RFC 247)
- 225 Harslem, E.; Stoughton, R. **Rand/UCSB network graphics experiment (Not online)** 1971 September 13; 6 p. (Updates RFC 74)
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- 223 Melvin, J.; Watson, R. **Network Information Center schedule for network users (Not online)** 1971 September 14; 3 p.
- 222 Metcalfe, R. **Subject: System programmer's workshop (Not online)** 1971 September 13; 2 p. (Updates RFC 212; Updated by RFC 234)
- 221 Watson, R. **Mail Box Protocol: Version 2 (Not online)** 1971 August 27; 5 p. (Obsoletes RFC 196; Obsoleted by RFC 278)
- 220 Not issued.
- 219 Winter, R. **User's view of the datacomputer (Not online)** 1971 September 3; 10 p.
- 218 Cosell, B. **Changing the IMP status reporting facility (Not online)** 1971 September 8; 1 p.
- 217 White, J. **Specifications changes for OLS, RJE/RJOR, and SMFS (Not online)** 1971 September 8; 2 p. (Updates RFC 74, RFC 105, RFC 122)
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- 215 McKenzie, A. **NCP, ICP, and Telnet: The Terminal IMP implementation (Not online)** 1971 August 30; 7 p.
- 214 Harslem, E. **"Network checkpoint" (Not online)** 1971 August 21; 2 p. (Obsoletes RFC 198)
- 213 Cosell, B. **IMP System change notification (Not online)** 1971 August 20; 1 p.
- 212 University of Southern California, Information Sciences Inst; **USC ISI NWG meeting on network usage (Not online)** 1971 August 23; 2 p. (Obsoletes RFC 207; Updated by RFC 222)
- 211 North, J. **ARPA Network mailing lists (Not online)** 1971 August 18; 5 p. (Obsoletes RFC 168; Obsoleted by RFC 300)
- 210 Conrad, W. **Improvement of flow control (Not online)** 1971 August 16; 3 p.
- 209 Cosell, B. **Host/IMP interface documentation (Not online)** 1971 August 13; 2 p.
- 208 McKenzie, A. **Address tables (Not online)** 1971 August 9; 4 p.
- 207 Vezza, A. **"September Network Working Group meeting" (Not online)** 1971 August 9; 2 p. (Obsoleted by RFC 212)
- 206 White, J. **User Telnet - description of an initial implementation (Not online)** 1971 August 9; 17 p.
- 205 Braden, R. **NETCRT - a character display protocol (Not online)** 1971 August 6; 14 p.
- 204 Postel, J. **Sockets in use (Not online)** 1971 August 5; 1 p. (Updated by RFC 234)
- 203 Kalin, R. **Achieving reliable communication (Not online)** 1971 August 10; 14 p.
- 202 Wolfe, S.; Postel, J. **Possible deadlock in ICP (Not online)** 1971 July 26; 2 p.

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- 200 North, J. **RFC list by number (Not online)** 1971 August 1; 2 p. (Obsoletes RFC 170, RFC 160; Obsoleted by NIC 7724)
- 199 Williams, T. **Suggestions for a network data-tablet graphics protocol (Not online)** 1971 July 15; 13 p.
- 198 Heafner, J. **Site certification - Lincoln Labs 360/67 (Not online)** 1971 July 20; 1 p. (Obsoletes RFC 193; Obsoleted by RFC 214)
- 197 Shoshani, A.; Harslem, E. **Initial Connection Protocol - Reviewed Initial Connection Protocol Reviewed (Not online)** 1971 July 14; 4 p.
- 196 Watson, R. **"Mail Box Protocol" (Not online)** 1971 July 20; 4 p. (Obsoleted by RFC 221)
- 195 Mealy, G. **Data computers-data descriptions and access language (Not online)** 1971 July 16; 4 p.
- 194 Cerf, V.; Harslem, E.; Heafner, J.; Metcalfe, R.; White, J. **Data Reconfiguration Service - compiler/interpreter implementation notes (Not online)** 1971 July; 22 p.
- 193 Harslem, E.; Heafner, J. **Network checkout (Not online)** 1971 July 14; 2 p. (Obsoleted by RFC 198)
- 192 Watson, R. **Some factors which a Network Graphics Protocol must consider (Not online)** 1971 July 12; 21 p.
- 191 Irby, C. **Graphics implementation and conceptualization at Augmentation Research Center (Not online)** 1971 July 13; 4 p.
- 190 Deutsch, L. **DEC PDP-10-IMLAC communications system (Not online)** 1971 July 13; 15 p.
- 189 Braden, R. **Interim NETRJS specifications.** 1971 July 15; 19 p. (Format: TXT=37862 bytes) (Obsoletes RFC 88; Obsoleted by RFC 599; Updated by RFC 283)
- 188 Karp, P.; McKay, D. **Data management meeting announcement (Not online)** 1971 January 28; 2 p.
- 187 McKay, D.; Karp, D. **Network/440 protocol concept (Not online)** 1971 July; 15 p.
- 186 Michener, J. **Network graphics loader (Not online)** 1971 July 12; 21 p.
- 185 North, J. **NIC distribution of manuals and handbooks (Not online)** 1971 July 7; 1 p.
- 184 Kelley, K.C. **Proposed graphic display modes (Not online)** 1971 July 6; 7 p.
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- 181 McConnell, J. **"Modifications to RFC 177" (Not online)** 1971 July 21; 2 p. (Updates RFC 177)
- 180 McKenzie, A. **File system questionnaire (Not online)** 1971 June 25; 8 p.
- 179 McKenzie, A. **Link number assignments.** 1971 June 22; 1 p. (Format: TXT=810 bytes) (Updates RFC 107)
- 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.
- 175 Harslem, E.; Heafner, J. **Comments on "Socket conventions reconsidered" (Not online)** 1971 June 11; 1 p.
- 174 Postel, J.; Cerf, V. **UCLA - computer science graphics overview (Not online)** 1971 June 8; 3 p.
- 173 Karp, P.; McKay, D. **Network data management committee meeting announcement (Not online)** 1971 June 4; 3 p.
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- 170 Stanford Research Inst., Network Information Center; SRI NIC **RFC list by number (Not online)** 1971 June 1; 2 p. (Obsoleted by RFC 200)
- 169 Crocker, S. **Computer networks (Not online)** 1971 May 27; 5 p.
- 168 North, J. **ARPA Network mailing lists (Not online)** 1971 May 26; 5 p. (Obsoletes RFC 155; Obsoleted by RFC 211)
- 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)
- 153 Melvin, J.; Watson, R. **SRI ARC-NIC status (Not online)** 1971 May 15; 4 p.
- 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)
- 148 Bhushan, A. **Comments on RFC 123 (Not online)** 1971 May 7; 1 p. (Updates RFC 123)
- 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.
- 137** O'Sullivan, T. **Telnet Protocol - a proposed document Telnet Protocol a proposed document (Not online)** 1971 April 30; 6 p. (Updated by RFC 139)
- 136** Kahn, R. **Host accounting and administrative procedures (Not online)** 1971 April 29; 6 p.
- 135** Hathaway, W. **Response to NWG/RFC 110 (Not online)** 1971 April 29; 2 p. (Updates RFC 110)
- 134** Vezza, A. **Network Graphics meeting (Not online)** 1971 April 29; 2 p.
- 133** Sundberg, R. **File transfer and recovery (Not online)** 1971 April 27; 5 p.
- 132** White, J. **"Typographical error in RFC 107" (Not online)** 1971 April 28; 1 p. (Obsoleted by RFC 154; Updates RFC 107)
- 131** Harslem, E.; Heafner, J. **Response to RFC 116: May NWG meeting (Not online)** 1971 April 22; 4 p. (Updates RFC 116)
- 130** Heafner, J. **Response to RFC 111: Pressure from the chairman (Not online)** 1971 April 22; 2 p. (Updates RFC 111)
- 129** Harslem, E.; Heafner, J.; Meyer, E. Jr. **Request for comments on socket name structure (Not online)** 1971 April 22; 6 p. (Updated by RFC 147)
- 128** Postel, J. **Bytes (Not online)** 1971 April 21; 2 p.
- 127** Postel, J. **Comments on RFC 123 (Not online)** 1971 April 20; 1 p. (Obsoleted by RFC 145; Updates RFC 123; Updated by RFC 151)
- 126** McConnell, J. **Graphics facilities at Ames Research Center (Not online)** 1971 April 18; 2 p.
- 125** McConnell, J. **Response to RFC 86: Proposal for network standard format for a graphics data stream (Not online)** 1971 April 18; 4 p. (Updates RFC 86; Updated by RFC 177)
- 124** Melvin, J. **"Typographical error in RFC 107" (Not online)** 1971 April 19; 1 p. (Updates RFC 107)
- 123** Crocker, S. **Proffered official ICP (Not online)** 1971 April 20; 4 p. (Obsoletes RFC 66, RFC 80; Obsoleted by RFC 165; Updates RFC 98, RFC 101; Updated by RFC 127, RFC 148)
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- 115 Watson, R.; North, J. **Some Network Information Center policies on handling documents (Not online)** 1971 April 16; 12 p.
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- 107 Bressler, R.; Crocker, S.; Crowther, W.; Grossman, G.; Tomlinson, R.; White, J. **Output of the Host-Host Protocol glitch cleaning committee (Not online)** 1971 March 23; 11 p. (Updates RFC 102; Updated by RFC 179, RFC 132, RFC 124, RFC 111, NIC 7147)
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- 93 McKenzie, A. **Initial Connection Protocol (Not online)** 1971 January 27; 1 p.
- 92 Not issued.
- 91 Mealy, G. **Proposed User-User Protocol (Not online)** 1970 December 27; 18 p.
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- 88 Braden, R.; Wolfe, S. **NETRJS: A third level protocol for Remote Job Entry (Not online)** 1971

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- 68 Elie, M. **Comments on memory allocation control commands: CEASE, ALL, GVB, RET, and RFNM (Not online)** 1970 August 31; 2 p.
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- 33 Crocker, S. **New Host-Host Protocol (Not online)** 1970 February 12; 31 p. (Obsoletes RFC 11; Updated by RFC 36, RFC 47)
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- 30 Crocker, S. **Documentation conventions.** 1970 February 4; 1 p. (Format: TXT=4199 bytes)  
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- 29 Kahn, R. **Response to RFC 28.** 1970 January 19; 1 p. (Format: TXT=832 bytes)
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- 27 Crocker, S. **Documentation conventions.** 1969 December 9; 3 p. (Format: TXT=3808 bytes)  
(Obsoletes RFC 24; Obsoleted by RFC 30)
- 26 Not issued.
- 25 Crocker, S. **No high link numbers.** 1969 October 30; 1 p. (Format: TXT=497 bytes)
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- 3 Crocker, S. **Documentation conventions.** 1969 April 9; 2 p. (Format: TXT=2403 bytes) (Obsoleted by RFC 10)
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- 1 Crocker, S. **Host software (Not online)** 1969 April 7; 7 p.

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## \*\* - Series A

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- A.10** (1993) [Rev.1] [WTSC 93 Book 1] [Publ.: Sep.93]  
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- A.20** (1993) [Rev.1] [WTSC 93 Book 1] [Publ.: Sep.93]  
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- A.21** (1993) [Rev.1] [WTSC 93 Book 1] [Publ.: Sep.93]  
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- A.22** (1993) [Rev.1] [WTSC 93 Book 1] [Publ.: Sep.93]  
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- A.23** (1993) [New] [WTSC 93 Book 1] [Publ.: Sep.93]  
Collaboration with other international organizations on information technology, telematic services and data transmission
- A.30** (1993) [Rev.1] [WTSC 93 Book 1] [Publ.: Sep.93]  
Major degradation or disruption of service Note - Same as F.12

## \*\* - Series B

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- B.18** (1993) [Rev.1] [1 pp.] [Publ.: Dec.93]  
**Traffic intensity unit**
- B.19** (1988) [Blue Book Fasc. I.3] [Publ.: Jul.91]  
Abbreviations and initials used in telecommunications

## **\*\* - Series C**

\* General telecommunication statistics

- C.1** (1993) [Rev.1] [11 pp.]  
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- C.2** (1993) [New] [3 pp.] [Publ.: Oct.93]  
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- C.3** (1993) [Rev.1] [1 pp.] [Publ.: Oct.93]  
**Instructions for international telecommunication services**

## **\*\* - Series D**

\* Definitions

- D.000** (1993) [Rev.1] [5 pp.] [Publ.: Feb.94]  
**Terms and definitions for the Series-D Recommendations**

\* Private leased telecommunications facilities

- D.1** (07/91) [Rev.1] [8 pp.] [Publ.: Sep.91]  
**General principles for the lease of international (continental and intercontinental) private telecommunication circuits and networks**
- D.3** (06/92) [New] [2 pp.] [Publ.: Jul.92] [PN: D.2 + D.3]  
**Principles for the lease of analogue international circuits for private service**
- D.4** (06/92) [Rev.1] [5 pp.] [Publ.: Aug.92]  
**Special conditions for the lease of international (continental and intercontinental) sound- and television-programme circuits for private service**
- D.5** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
Costs and value of services rendered as factors in the fixing of rates
- D.7** (01/92) [New] [3 pp.] [Publ.: Mar.92]  
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- D.8** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.9** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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\* Tariff principles applying to data communication services over dedicated public data networks

- D.10** (07/91) [Rev.1] [3 pp.] [Publ.: Sep.91]

**General tariff principles for international public data communication services**

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**D.15** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]

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**D.20** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]

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**General charging principles in the international public message handling services and associated applications**

\* Charging and accounting in the international public telegram service

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\* Charging and accounting in the international telemessage service

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\* Charging and accounting in the international telex service

**D.60** (07/91) [Rev.1] [2 pp.] [Publ.: Sep.91]

**Guiding principles to govern the apportionment of accounting rates in intercontinental telex relations**

**D.61** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]

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**D.67** (07/91) [Rev.1] [4 pp.] [Publ.: Sep.91]  
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\* Charging and accounting in the international facsimile service

**D.70** (06/92) [Rev.1] [3 pp.] [Publ.: Jul.92]  
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**D.71** (06/92) [Rev.1] [2 pp.] [Publ.: Jul.92]  
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\* Charging and accounting in the international videotex service

**D.79** (07/91) [New] [5 pp.] [Publ.: Sep.91]  
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\* Charging and accounting in the international phototelegraph service

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Accounting and refunds for private phototelegraph calls

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**D.85** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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\* Charging and accounting in the mobile services

**D.90** (10/92) [Rev.1] [20 pp.] [Publ.: Apr.93]  
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\* Charging and accounting in the international telephone service

- D.100** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.103** (06/92) [Rev.1] [1 pp.] [Publ.: Jul.92]  
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- D.104** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.105** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.106** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.110** (06/92) [Rev.1] [1 pp.] [Publ.: Jul.92]  
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- D.116** (01/92) [New] [1 pp.] [Publ.: Mar.92]  
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- D.120** (1993) [Rev.1] [2 pp.] [Publ.: Mar.94]  
**Charging and accounting principles for the automated Telephone credit Card service**
- D.140** (10/92) [New] [4 pp.] [Publ.: Apr.93] [PN: D.xxx]  
**Accounting rate principles for international telephone services**
- D.150** (10/92) [Rev.2] [12 pp.] [Publ.: Apr.93]  
**New system for accounting in international telephony Note - Same as E.250**
- D.151** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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\* Drawing up and exchange of international telephone and telex accounts

- D.160** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
Mode of application of the flat-rate price procedure set forth in Recommendation D.67 and Recommendation D.150 for remuneration of facilities made available to the Administrations of other countries Note - Same as E.252
- D.170** (1993) [Rev.1] [9 pp.] [Publ.: Jul.94]  
**Monthly telephone and telex accounts Note - Same as E.270**
- D.171** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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Conventional transmission of information necessary for billing and accounting regarding collect and credit

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**Transmission in encoded form of telephone reversed charge billing and accounting information Note - Same as E.276**

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**Monthly accounts for semi-automatic telephone calls (ordinary and urgent calls, with or without special facilities)**

\* International sound- and television-programme transmissions

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\* Charging and accounting for international satellite services

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General tariff and accounting principles for international one-way point-to-multipoint satellite services

**D.188** (10/92) [New] [3 pp.] [Publ.: May.93]

**General charging and accounting principles applicable to an international videoconferencing service**

\* Transmission of monthly international accounting information

**D.190** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]

Transmission in encoded form of monthly international accounting information Note - Same as E.275

\* Privilege telecommunications

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**Principles for charging and accounting of service telecommunications**

**D.193** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]

Special tariff principles for privilege telecommunications

\* Settlement of international telecommunication balances of accounts

**D.196** (06/92) [New] [2 pp.] [Publ.: Jul.92]

**Clearing of international telecommunication balances of accounts**

**D.197** (07/91) [New] [3 pp.] [Publ.: Sep.91]

**Notification of change of address(es) for accounting and settlement purposes**

\* Charging and accounting principles for international telecommunication services provided over ISDN

**D.210** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]

General charging and accounting principles for international telecommunication services provided over the Integrated Services Digital Network (ISDN)

**D.211** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]

International accounting for the use of the Signal Transfer Point (STP) in CCITT Signalling System No.7

**D.220** (03/91) [Rev.1] [2 pp.] [Publ.: Jul.91]

**Charging and accounting principles to be applied to international circuit-mode demand bearer services provided over the integrated services digital network (ISDN)**

**D.230** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]

General charging and accounting principles for supplementary services associated with international telecommunication services provided over the Integrated Services Digital Network (ISDN)

- D.231** (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
Charging and accounting principles relating to the User-to-User Information (UUI) supplementary service
- D.232** (06/92) [Rev.1] [7 pp.] [Publ.: Jul.92]  
**Specific tariff and accounting principles applicable to ISDN supplementary services**
- D.240** (03/91) [New] [2 pp.] [Publ.: Jul.91]  
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- D.250** (07/91) [Rev.1] [2 pp.] [Publ.: Sep.91]  
**General charging and accounting principles for non-voice services provided by interworking between the ISDN and existing public data networks**
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- D.260** (03/91) [New] [3 pp.] [Publ.: Jul.91]  
**Charging and accounting capabilities to be applied on the ISDN**

\* Recommendations applying in Europe and the Mediterranean Basin

- D.300** R (10/92) [Rev.2] [10 pp.] [Publ.: Mar.93]  
**Determination of accounting rate shares in telephone relations between countries in Europe and the Mediterranean Basin**
- D.301** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.302** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
Determination of the accounting rate shares and collection charges for the international public telegram service applicable to telegrams exchanged between countries in Europe and the Mediterranean Basin
- D.303** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.305** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.310** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
Determination of rentals for the lease of international programme (sound- and television-) circuits and associated control circuits for private service in relations between countries in Europe and the Mediterranean Basin
- D.390** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
Accounting system in the international automatic telephone service Note - Proposed for deletion (C: 102)

\* Recommendations applicable in Latin America

- D.400** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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- D.401** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]  
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\* Recommendations applicable in Asia and Oceania

**D.500** R (10/93) [Rev.1] [2 pp.] [Publ.: Sep.94]

**Accounting rates applicable to telephone relations between countries in Asia and Oceania Note - C: 5/15/31**

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**Accounting rates applicable to telex relations between countries in Asia and Oceania Note - C: 5/15/31**

\* Recommendations applicable to the African Region

**D.600** R (10/93) [Rev.1] [12 pp.] [Publ.: Oct.94]

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**D.601** R (10/93) [Rev.1]

**Determination of accounting rate shares and collection charges in telex relations between countries in Africa Note - C: 5/15/31**

**D.606** R (1988) [Blue Book Fasc. II.1] [Publ.: Apr.89]

Preferential rates in telecommunication relations between countries in Africa

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\* Definitions

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

Definitions of terms used in international telephone operation

\* General provisions concerning Administrations

**E.105** (08/92) [New] [6 pp.] [Publ.: Jan.93]

**International telephone service**

**E.110** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

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Extension of international telephone services

**E.112** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Arrangements to be made for controlling the telephone services between two countries

**E.113** (1993) [Rev.1] [6 pp.] [Publ.: Oct.93]

**Validation procedures for the international telecommunications charge card service**

**E.114** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Supply of lists of subscribers (directories and other means)

**E.115** (1993) [Rev.2] [15 pp.] [Publ.: Jan.94]

**Computerized information service for telephone subscriber numbers in foreign countries (directory assistance), reserved for operators**

**E.116** (08/92) [Rev.1] [4 pp.] [Publ.: Jan.93]

**International telecommunication charge card service**

**E.117** (06/94) [Rev.1] [Publ. sched.: Nov.94]

Terminal devices used in connection with the public telephone service (other than telephones) Note - C: 34/63/80

**E.118** (08/92) [Rev.1] [7 pp.] [Publ.: Feb.93]

**The international telecommunication charge card**

\* General provisions concerning users

- E.120** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Instructions for users of the international telephone service
- E.121** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Pictograms and symbols to assist users of the telephone service
- E.122** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Measures to reduce customer difficulties in the international telephone service
- E.123** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Notation for national and international telephone numbers
- E.124** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.125** (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.127** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Pages in the telephone directory intended for foreign visitors
- E.128** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.130** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Choice of the most useful and desirable supplementary telephone services
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\* Operation of international telephone services

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**Operator-assisted telephone service**
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- E.151** (08/92) [Rev.1] [2 pp.] [Publ.: Jan.93]  
**Telephone conference calls**
- E.152** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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\* Numbering plan of the international telephone service

- E.160** (1993) [Rev.1] [5 pp.] [Publ.: Jun.94]

**Definitions relating to national and international numbering plans**

**E.161** (1993) [Rev.1] [5 pp.] [Publ.: Dec.93]

**Arrangement of digits, letters and symbols on telephones and other devices that can be used for gaining access to a telephone network**

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**Numbering plan for the ISDN era Note - Same as I.331**

**E.165** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Timetable for coordinated implementation of the full capability of the numbering plan for the ISDN era (Recommendation E.164)

**E.166** (10/92) [New] [39 pp.] [Publ.: Mar.93] **Numbering plan interworking for the E.164 and X.121 numbering plans Note - Same as X.122**

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ISDN network identification codes

**E.168** (1993) [New] [6 pp.] [Publ.: Nov.93]

**Application of E.164 numbering plan for UPT**

\* International routing plan

**E.170** (10/92) [Rev.1] [8 pp.] [Publ.: Jun.93]

**Traffic routing**

**E.171** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

International telephone routing plan

**E.172** (10/92) [New] [18 pp.] [Publ.: Sep.93] [PN: I.335]

**ISDN routing plan Note - Replaces I.335**

**E.173** (08/91) [New] [12 pp.] [Publ.: Nov.91]

Routing plan for interconnection between public land mobile networks and fixed terminal networks

**E.175** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Models for international network planning

\* Tone for use in national signalling systems

**E.180** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Technical characteristics of tones for the telephone service

**E.181** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Customer recognition of foreign tones

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Guiding principles for telephone announcements

**E.184** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Indications to users of ISDN terminals

\* Maritime mobile service and public land mobile service

**E.200** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Operational provisions for the maritime mobile service Note - Same as F.110

**E.201** (08/91) [New] [9 pp.] [Publ.: Oct.91]

**Reference recommendation for mobile services**

**E.202** (10/92) [New] [6 pp.] [Publ.: Jun.93]

**Network operational principles for future public mobile systems and services**

**E.210** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]

Ship station identification for VHF/UHF and maritime mobile-satellite services Note - Same as F.120

- E.211** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Selection procedures for VHF/UHF maritime mobile services
- E.212** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.213** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.214** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.215** (1993) [Rev.1] [13 pp.] [Publ.: Mar.94]  
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- E.216** (1993) [Rev.1] [14 pp.] [Publ.: ]  
Selection procedures for the INMARSAT mobile-satellite telephone and ISDN services Note - Will not be published
- E.220** (10/92) [New] [6 pp.] [Publ.: Jun.93]  
**Interconnection of public land mobile networks (PLMN)**

\* Charging in the international telephone service

- E.230** (08/92) [Rev.1] [1 pp.] [Publ.: Jan.93]  
**Chargeable duration of calls**
- E.231** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Charging in automatic service for calls terminating on special services for suspended, cancelled or transferred subscribers Note - Same as D.103. Obsolete.
- E.232** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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

- E.250** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
New system for accounting in international telephony Note - Same as D.150. Obsolete.
- E.251** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.252** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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\* Measuring and recording call durations for accounting purposes

- E.260** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Basic technical problems concerning the measurement and recording of call durations
- E.261** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Devices for measuring and recording call durations

\* Establishment and exchange of international accounts

- E.270** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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- E.275** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
Transmission in encoded form of monthly international accounting information Note - Same as D.190
- E.276** (1988) [Blue Book Fasc. II.2] [Publ.: Jan.89]  
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\* Determination of the number of circuits in manual operation

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- E.721** (08/91) [Rev.1] [5 pp.] [Publ.: Oct.91]  
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- E.730** (10/92) [New] [2 pp.] [Publ.: Jun.93]  
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**Methods for dimensioning resources operating in circuit switched mode**
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- E.810** (10/92) [New] [2 pp.] [Publ.: Jun.93]  
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**telecommunication services Note - E.810 renumbered E.820**

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**E.830** (10/92) [Rev.1] [3 pp.] [Publ.: Jun.93]

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\* The gentex network

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**F.40** (03/91) [Rev.1] [10 pp.] [Publ.: May.91] [PN: F.50]

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**F.41** (03/91) [Rev.1] [2 pp.] [Publ.: May.91] [PN: F.51]

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- F.85 (1988) [Blue Book Fasc. II.4] [Publ.: Jan.90] [PN: F.75]  
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- F.104 (10/91) [New] [2 pp.] [Publ.: Dec.91] [PN: F.651]  
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- F.105 (1988) [Blue Book Fasc. II.4] [Publ.: Jan.90] [PN: F.80]  
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- F.106 (1988) [Blue Book Fasc. II.4] [Publ.: Jan.90] [PN: F.80 bis]  
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- F.122** (1988) [Blue Book Fasc. II.4] [Publ.: Jan.90]  
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- F.127** (08/92) [Rev.1] [4 pp.] [Publ.: Nov.92]  
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- F.140** (1993) [Rev.1] [4 pp.] [Publ.: Nov.93]  
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- F.160** (1993) [Rev.1] [5 pp.] [Publ.: Oct.93]  
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- F.162** (08/92) [Rev.1] [10 pp.] [Publ.: Dec.92]  
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- F.163** (08/92) [New] [8 pp.] [Publ.: Dec.92]  
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- F.170** (08/92) [Rev.1] [7 pp.] [Publ.: Dec.92]  
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- F.171** (1988) [Blue Book Fasc. II.5] [Publ.: Dec.89]  
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- F.180** (1993) [Rev.1] [4 pp.] [Publ.: Oct.93]

**General operational provisions for the international public facsimile service between subscribers' stations (telefax)**

**F.182** (1993) [Rev.1] [4 pp.] [Publ.: Oct.93]

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

**F.184** (1993) [Rev.1] [9 pp.] [Publ.: Nov.93]

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

**F.190** (08/92) [Rev.1] [3 pp.] [Publ.: Dec.92]

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

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**Teletex service**

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

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Network based storage for the teletex service

**F.220** (1993) [Rev.1] [5 pp.] [Publ.: Oct.93]

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

**F.230** (1988) [Blue Book Fasc. II.5] [Publ.: Dec.89]

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**F.300** (1993) [Rev.1] [30 pp.] [Publ.: Jan.94]

**Videotex service**

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**Message handling services: Intercommunication between the interpersonal messaging service and the telefax service**

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

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**F.500** (08/92) [Rev.1] [37 pp.] [Publ.: Apr.93]

**International public directory services**

\* Document communication

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**Service Recommendation for the telematic file transfer within telefax 3, telefax 4, teletex services and message handling services**

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**F.581** (1993) [New] [8 pp.] [Publ.: Jan.94]

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

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

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

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**F.701** (1988) [Blue Book Fasc. II.5] [Publ.: Dec.89] [PN: F.710]

Teleconference service

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**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

**F.721** (08/92) [New] [10 pp.] [Publ.: Mar.93]

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

**F.730** (08/92) [New] [14 pp.] [Publ.: Mar.93]

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

**F.740** (08/93) [New] [9 pp.] [Publ.: Jul.94]  
**Audiovisual interactive services Note - Same as AV.140. CL: 174/11/30**

**F.761** (1988) [Blue Book Fasc. II.5] [Publ.: Dec.89] [PN: F.730]  
Service oriented requirements for telewriting applications

\* ISDN services - General and broadband

**F.811** (08/92) [New] [10 pp.] [Publ.: Mar.93]  
**Broadband connection-oriented bearer service**

**F.812** (08/92) [New] [6 pp.] [Publ.: Mar.93]  
**Broadband connectionless data bearer service**

\* Universal personal telecommunication

**F.850** (1993) [New] [2 pp.] [Publ.: Oct.93]  
**Principles of universal personal telecommunication (UPT)**

\* Human factors - General (not specific to telephone service)

**F.901** (1993) [New] [5 pp.] [Publ.: Oct.93]  
**Usability evaluation of telecommunication services**

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\* International telephone connections and international telephone circuits circuits - General

**G.100** (1993) [Rev.1] [22 pp.] [Publ.: Jul.94]  
**Definitions used in Recommendations on general characteristics of international telephone connections and circuits**

**G.101** (1993) [Rev.1] [26 pp.] [Publ.: Sep.94]  
**The transmission plan**

**G.102** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]  
Transmission performance objectives and Recommendations

**G.103** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]  
Hypothetical reference connections

**G.105** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]  
Hypothetical reference connection for crosstalk studies

\* Transmission quality for an entire international telephone connection

**G.111** (1993) [Rev.1] [17 pp.] [Publ.: Sep.94]  
**Loudness ratings (LRs) in an international connection**

**G.113** (1993) [Rev.1] [21 pp.] [Publ.: Jul.94]  
**Transmission impairments**

**G.114** (1993) [Rev.1] [10 pp.] [Publ.: Jul.94]  
**One-way transmission time**

**G.117** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]  
Transmission aspects of unbalance about earth (definitions and methods)

\* National systems forming part of international connections

**G.120** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]  
Transmission characteristics of national networks

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G.122 (1993) [Rev.1] [11 pp.] [Publ.: Jul.94]

**Influence of national systems on stability talker echo in international connections**

G.123 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Circuit noise in national networks

G.125 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Characteristics of national circuits on carrier systems

G.126 (1993) [New] [7 pp.] [Publ.: Jul.94]

**Listener echo in telephone networks**

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

G.131 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

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G.133 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Group-delay distortion

G.134 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Linear crosstalk

G.135 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Error on the reconstituted frequency

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

G.141 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Attenuation distortion

G.142 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Transmission characteristics of exchanges

G.143 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Circuit noise and the use of companders

\* International telephone circuits and national extension circuits

G.151 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

General performance objectives applicable to all modern international circuits and national extension circuits

G.152 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

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

G.153 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Characteristics appropriate to international circuits more than 2500 km in length

\* Apparatus associated with long-distance telephone circuits

G.162 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

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G.164 (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Echo suppressors

G.165 (1993) [Rev.1] [27 pp.] [Publ.: Mar.94]

**Echo cancellers**

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

**G.167** (1993) [New] [16 pp.] [Publ.: Feb.94]

**Acoustic echo controllers**

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

**G.171** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

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**G.172** (1988) [Blue Book Fasc. III.1] [Publ.: Mar.90]

Transmission plan aspects of international conference calls

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

**Transmission planning aspects of the speech service in digital public land mobile networks**

**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

**G.180** (1993) [Rev.1] [12 pp.] [Publ.: Feb.94]

**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]

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\* Definitions and general considerations

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

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

Hypothetical reference circuits for analogue systems

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**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]

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**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]  
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- 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]  
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\* 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]  
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- 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]  
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\* 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]  
Protection of pilots and additional measuring frequencies at points where there is a through-connection

\* 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]  
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- 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]  
Interconnection of coaxial carrier systems of different designs

\* General Recommendations

- G.411** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
Use of radio-relay systems for international telephone circuits

\* 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.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

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\* Radiotelephone circuits

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\* Links with mobile stations

- G.473** (1988) [Blue Book Fasc. III.2] [Publ.: Feb.89]  
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\* Transmission media characteristics - General

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

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- 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

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- G.612** (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]  
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- G.622** (1988) [Blue Book Fasc. III.3] [Publ.: Jun.90]  
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Types of submarine cable to be used for systems with line frequencies of less than about 45 MHz

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**Definition and test methods for the relevant parameters of single-mode fibres**
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- G.652** (1993) [Rev.1] [8 pp.] [Publ.: Feb.94]  
**Characteristics of a single-mode optical fibre cable**
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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]  
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- G.705** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
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- G.707** (1993) [Rev.2] [2 pp.] [Publ.: Aug.93]  
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- 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]  
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**Testing signal-to-total distortion ratio for 7 kHz audio-codecs 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
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- 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]  
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- 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**
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**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
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- G.734** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
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- 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]  
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- 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

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- G.752** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
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- G.753** (1988) [Blue Book Fasc. III.4] [Publ.: Jun.90]  
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Fourth order digital multiplex equipment operating at 139 264 kbit/s and using positive/zero/negative justification

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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

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**Voice packetization - Packetized voice protocols**
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**Packet circuit multiplication equipment**
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\* Operations, administration and maintenance features of transmission equipment

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**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]  
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\* 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]  
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- G.783** (01/94) [Rev.1] [Publ. sched.: Dec.94]  
**Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks Note - C: 13/35/52**
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\* Other terminal equipments

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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

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**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

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

\* Design objectives for digital networks

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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]  
Support by an ISDN of data terminal equipment with V-series type interfaces with provision for statistical multiplexing Note - Same as V.120

\* Aspects of ISDN affecting terminal requirements

- I.470** (1988) [Blue Book Fasc. III.8] [Publ.: Jul.89]  
Relationship of terminal functions to ISDN

\* Internetwork interfaces

- I.500** (1993) [Rev.1] [4 pp.] [Publ.: Dec.93]  
**General structure of the ISDN interworking Recommendations**
- I.501** (1993) [New] [8 pp.] [Publ.: Nov.93]  
**Service interworking**
- I.510** (1993) [Rev.1] [12 pp.] [Publ.: Dec.93]  
**Definitions and general principles for ISDN interworking**
- I.511** (1988) [Blue Book Fasc. III.9] [Publ.: Jul.89]  
ISDN-to-ISDN layer 1 internetwork interface
- I.515** (1993) [Rev.1] [15 pp.] [Publ.: Jan.94]  
**Parameter exchange for ISDN interworking**
- 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**
- I.530** (1993) [Rev.1] [10 pp.] [Publ.: Dec.93]  
**Network interworking between an ISDN and a public switched telephone network (PSTN)**
- I.540** (1988) [Blue Book Fasc. III.9] [Publ.: Jul.89]  
General arrangements for interworking between circuit switched public data networks (CSPDNs) and integrated services digital networks (ISDNs) for the provision of data transmission Note - Same as X.321
- I.550** (1988) [Blue Book Fasc. III.9] [Publ.: Jul.89]  
General arrangements for interworking between packet switched public data networks (PSPDNs) and integrated services digital networks (ISDNs) for the provision of data transmission Note - Same as X.325
- I.555** (11/93) [New] [24 pp.]  
Frame relaying bearer service interworking Note - C: 9/28/45
- I.560** (1988) [Blue Book Fasc. III.9] [Publ.: Jul.89]  
Requirements to be met in providing the telex service within the ISDN Note - Same as U.202
- I.570** (1993) [New] [7 pp.] [Publ.: Oct.93]  
**Public/private ISDN interworking**
- I.580** (1993) [New] [21 pp.] [Publ.: Nov.93]  
**General arrangements for interworking between B-ISDN and 64 kbit/s based ISDN**

\* Maintenance principles

- I.601** (1988) [Blue Book Fasc. III.9] [Publ.: Jul.89]  
General maintenance principles of ISDN subscriber access and subscriber installation
- I.610** (1993) [Rev.1] [23 pp.] [Publ.: Jan.94]  
**B-ISDN operation and maintenance principles and functions**

**\*\* - Series J**

\* 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]  
Definitions for international sound-programme circuits
- J.14** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Relative levels and impedances on an international sound-programme connection

- J.15** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Lining-up and monitoring an international sound-programme connection
- J.16** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Measurement of weighted noise in sound-programme circuits
- J.17** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
Pre-emphasis used on sound-programme circuits
- J.18** (1988) [Blue Book Fasc. III.6] [Publ.: Jul.90]  
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]  
Assessment of the performance of the international telephone network
- 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

- M.1400** (10/92) [Rev.1] [68 pp.] [Publ.: Aug.93] [PN: M.140]  
**Designations for international networks**
- M.1510** (10/92) [Rev.1] [10 pp.] [Publ.: Aug.93] [PN: M.93]  
**Exchange of contact point information for the maintenance of international services and the international network**
- M.1520** (10/92) [New] [9 pp.] [Publ.: Aug.93]  
**Standardized information exchange between Administrations**
- M.1530** (10/92) [Rev.1] [6 pp.] [Publ.: Jun.93] [PN: M.1220]  
**Network maintenance information**
- M.1550** (10/92) [Rev.1] [3 pp.] [Publ.: Jul.93] [PN: M.711]  
**Escalation procedure**
- M.1560** (10/92) [New] [11 pp.] [Publ.: Aug.93]  
**Escalation procedure for international leased circuits**

\* International transport network

- M.2100** (10/92) [Rev.1] [32 pp.] [Publ.: Aug.93] [PN: M.550]  
**Performance limits for bringing-into-service and maintenance of international digital paths, sections and transmission systems**
- M.2110** (10/92) [Rev.1] [7 pp.] [Publ.: Jun.93] [PN: M.555]  
Bringing into service international digital paths, sections and transmission systems
- M.2120** (10/92) [New] [11 pp.] [Publ.: Jul.93]  
**Digital path, section and transmission system fault detection and localization procedures**
- M.2130** (10/92) [Rev.1] [10 pp.] [Publ.: Jul.93] [PN: M.130]  
**Operational procedures in locating and clearing transmission faults**

\* Telecommunication management network

- M.3010 (10/92) [Rev.1] [64 pp.] [Publ.: Aug.93] [PN: M.30]  
**Principles for a telecommunications management network**
- M.3020 (10/92) [New] [11 pp.] [Publ.: Jul.93]  
**TMN interface specification methodology**
- M.3100 (10/92) [New] [85 pp.] [Publ.: Oct.93]  
**Generic network information model**
- M.3180 (10/92) [New] [16 pp.] [Publ.: Sep.93]  
**Catalogue of TMN management information**
- M.3200 (10/92) [New] [28 pp.] [Publ.: Oct.93]  
**TMN management services: overview**
- M.3300 (10/92) [New] [11 pp.] [Publ.: Aug.93] [PN: M.250 + M.251]  
**TMN management facilities presented at the F interface**
- M.3400 (10/92) [New] [24 pp.] [Publ.: Sep.93]  
**TMN management functions**

\* Integrated services digital networks

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**Principles for the management of ISDNs**
- M.3602 (10/92) [Rev.1] [8 pp.] [Publ.: Aug.93] [PN: I.602]  
**Application of maintenance principles to ISDN subscriber installations**
- M.3603 (10/92) [Rev.1] [8 pp.] [Publ.: Aug.93] [PN: I.603]  
**Application of maintenance principles to ISDN basic rate access**
- M.3604 (10/92) [Rev.1] [17 pp.] [Publ.: Aug.93] [PN: I.604]  
**Application of maintenance principles to ISDN primary rate access**
- M.3605 (10/92) [Rev.1] [5 pp.] [Publ.: Aug.93] [PN: I.605]  
**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**
- M.3640 (10/92) [New] [21 pp.] [Publ.: Oct.93]  
**Management of the D-channel - Data link layer and network layer**
- M.3660 (10/92) [New] [5 pp.] [Publ.: Aug.93]  
**ISDN interface management services**

\* Common channel signalling systems

- M.4010 (10/92) [Rev.1] [5 pp.] [Publ.: Jul.93] [PN: M.750]  
**Inter-Administration agreements on common channel Signalling System No. 6**
- M.4030 (10/92) [Rev.1] [5 pp.] [Publ.: Aug.93] [PN: M.761]  
**Transmission characteristics for setting up and lining up a transfer link for common channel Signalling System No. 6 (analogue version)**
- M.4100 (1993) [Rev.1] [6 pp.] [Publ.: Jan.94] [PN: M.782]  
**Maintenance of common channel Signalling System No. 7**
- M.4110 (10/92) [Rev.1] [5 pp.] [Publ.: Jul.93] [PN: M.770]  
**Inter-Administration agreements on common channel Signalling System No. 7**

\*\* - Series N

\* International sound-programme transmission

- N.1** (1993) [Rev.1] [10 pp.]  
**Definitions for application to international sound-programme and television-sound transmission**
- N.2** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
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**
- N.11** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Essential transmission performance objectives for international sound-programme centres (ISPC)
- N.12** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Measurements to be made during the line-up period that precedes a sound-programme transmission
- N.13** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
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]  
Monitoring for charging purposes, releasing
- 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

- N.51** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Definitions for application to international television transmissions
- N.52** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Multiple destination television transmissions and coordination centres
- N.54** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Definition and duration of the line-up period and the preparatory period
- 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**
- N.60** (1993) [Rev.1] [3 pp.] [Publ.: Mar.94]  
**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
- N.62** (1993) [Rev.1] [5 pp.] [Publ.: Mar.94]  
**Tests to be made during the line-up period that precedes a television transmission**

**N.63** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Test signals to be used by the broadcasting organizations during the preparatory period

**N.64** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
Quality and impairment assessment

**N.67** (1993) [Rev.1] [12 pp.] [Publ.: Mar.94]

**Monitoring television transmissions - Use of the field blanking interval**

**N.73** (1988) [Blue Book Fasc. IV.3] [Publ.: May.90]  
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

**O.3** (10/92) [Rev.1] [4 pp.] [Publ.: Jul.93]  
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

**O.11** (10/92) [Rev.1] [7 pp.] [Publ.: Jul.93]

**Maintenance access lines**

\* Automatic and semi-automatic measuring systems

**O.22** (10/92) [Rev.1] [32 pp.] [Publ.: Oct.93]  
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
- O.150** (10/92) [New] [5 pp.] [Publ.: Jun.93]  
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

- P.10** (1993) [Rev.1] [15 pp.] [Publ.: Jun.94]

Vocabulary of terms on telephone transmission quality and telephone sets

**P.11** (1993) [Rev.1] [32 pp.] [Publ.: Sep.94]

**Effect of transmission impairments**

**P.16** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

Subjective effects of direct crosstalk thresholds of audibility and intelligibility

\* Subscribers' lines and sets

**P.30** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

Transmission performance of group audio terminals (GATs)

**P.31** (1993) [Rev.1] [7 pp.] [Publ.: Jul.94]

**Transmission characteristics for digital telephones**

**P.32** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

Evaluation of the efficiency of telephone booths and acoustic hoods

**P.33** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

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

**P.34** (1993) [Rev.1] [8 pp.] [Publ.: Jul.94]

**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

**P.37** (1993) [Rev.1] [6 pp.] [Publ.: Jul.94]

**Coupling hearing aids to telephone sets**

**P.38** (1993) [Rev.1] [2 pp.] [Publ.: Apr.94]

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

\* Transmission standards

**P.48** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

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)

**P.55** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]

Apparatus for the measurement of impulsive noise

**P.56** (1993) [Rev.1] [12 pp.] [Publ.: Jul.94]

Objective measurement of active speech level

**P.57** (1993) [New] [12 pp.] [Publ.: Jul.94]

**Artificial ears**

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

**P.59** (1993) [New] [4 pp.] [Publ.: Jun.94]  
Artificial conversational speech

\* Objective electro-acoustical measurements

**P.61** (1988) [Blue Book Fasc. V] [Publ.: Apr.89]  
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

**P.78** (1993) [Rev.1] [15 pp.] [Publ.: Jul.94]  
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

**P.85** (06/94) [New] [12 pp.]  
A method for subjective performance assessment of the quality of speech voice output devices Note - C:  
41/67/85

## **\*\* - Series Q**

\* 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]  
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**Transmission characteristics at digital interfaces of digital exchanges Note - C: 13/35/52**

\* Interworking of Signalling Systems - General considerations

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**Interworking of signalling systems - General**

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Q.695**

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Logic procedures for interworking of signalling system R2 to No. 4
- Q.682** (1988) [Blue Book Fasc. VI.6] [Publ.: Sep.89]  
Logic procedures for interworking of signalling system R2 to No. 5
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Logic procedures for interworking of signalling system R2 to No. 6
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Logic procedures for interworking of signalling system R2 to No. 7 (TUP)
- Q.685** (1988) [Blue Book Fasc. VI.6] [Publ.: Sep.89]  
Logic procedures for interworking of signalling system R2 to R1
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Interworking of signalling systems - Logic procedures for interworking of Signalling System No. 7 (ISUP) to No. 5
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**Interworking of Signalling System No. 7 ISUP, TUP and Signalling System No. 6 using arrow diagrams**

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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**

**Q.704** (1993) [Rev.1] [200 pp.] [Publ. sched.: Dec.94]  
Signalling System No. 7 - Signalling network functions and messages

**Q.705** (1993) [Rev.1] [23 pp.] [Publ.: May.94]  
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**Q.706** (1993) [Rev.1] [36 pp.] [Publ.: May.94]  
**Signalling System No. 7 - Message transfer part signalling performance**

**Q.707** (1988) [Blue Book Fasc. VI.7] [Publ.: Oct.89]  
Testing and maintenance

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

**Q.709** (1993) [Rev.1] [14 pp.] [Publ.: Apr.94]  
**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**

**Q.713** (1993) [Rev.1] [33 pp.] [Publ.: May.94]  
**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**

**Q.716** (1993) [Rev.1] [10 pp.] [Publ.: Jun.94]

## **Signalling System No. 7 - Signalling connection control part (SCCP) performance**

\* 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
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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**

**Q.753** (1993) [New] [44 pp.] [Publ.: Aug.94]

**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

**Q.761** (1993) [Rev.1] [9 pp.] [Publ.: Apr.94]

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

**Q.762** (1993) [Rev.1] [14 pp.] [Publ.: Apr.94]

**General function of messages and signals of the ISDN User Part of Signalling System No.7**

**Q.763** (1993) [Rev.1] [111 pp.]

**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**

**Q.766** (1993) [Rev.1] [4 pp.] [Publ.: Jul.94]

**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
- Q.783 (1988) [Blue Book Fasc. VI.9] [Publ.: Sep.89]  
TUP test specification
- Q.784 (02/91) [New] [80 pp.] [Publ.: Jul.91]  
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

- Q.786 (1993) [New] [50 pp.] [Publ.: Mar.94]  
Signalling System No. 7 - SCCP test specification
- Q.787 (1993) [New] [267 pp.] [Publ.: Oct.94]  
Transaction capabilities (TC) test specification

\* Q3 interface

- Q.811 (1993) [New] [25 pp.] [Publ.: Sep.94]  
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.]  
Connected line identification presentation Note - Q.951 3-6 published together

Clause 6 (1993) [New] [6 pp.]  
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**
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\* Intelligent network

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- Q.1201** (10/92) [New] [37 pp.] [Publ.: May.93]  
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**Intelligent network - Service plane architecture Note - Same as I.328**
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IN global functional plane architecture Note - Same as I.329
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Element error rate

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

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

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\* 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]  
Standardization of FMVFT systems for a modulation rate of 50 bauds
- R.35** bis (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- 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]  
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- R.39** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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\* Special cases of alternating current telegraphy

- R.40** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.43** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.44** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
6-unit synchronous time-division 2-3-channel multiplex telegraph system for use over FMVFT channels spaced at 120 Hz for connection to standardized teleprinter networks
- R.49** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Interband telegraphy over open-wire 3-channel carrier systems

\* Transmission quality

- R.50** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Tolerable limits for the degree of isochronous distortion of code-independent 50-baud telegraph circuits
- R.51** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.51** bis (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.53** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.57** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]

- Standard limits of transmission quality for planning code-independent international point-to-point telegraph communications and switched networks using 50-baud start-stop equipment
- R.58** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.59** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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\* Correction of signals

- R.60** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Conditions to be fulfilled by regenerative repeaters for start-stop signals of International Telegraph Alphabet No. 2
- R.62** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Siting of regenerative repeaters in international telex circuits

\* Telegraph maintenance

- R.70** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Designation of international telegraph circuits
- 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]  
Organization of the maintenance of international telegraph circuits
- R.72** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Periodicity of maintenance measurements to be carried out on the channels of international VFT systems
- R.73** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Maintenance measurements to be carried out on VFT systems
- R.74** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.75** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.75** bis (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.76** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.77** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Use of bearer circuits for voice-frequency telegraphy
- R.78** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.79** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Automatic tests of transmission quality on telegraph circuits between switching centres
- R.80** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.81** (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.83** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Changes of level and interruptions in VFT channels
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- R.91** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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**Transmission characteristics of international TDM links**

- R.101** (1993) [Rev.1] [14 pp.]  
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4800 bit/s code and speed dependent and hybrid TDM systems for anisochronous telegraph and data transmission using bit interleaving
- R.103** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.105** (1993) [Rev.1] [2 pp.]  
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- R.111** (1993) [Rev.1] [9 pp.]  
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- R.112** (1993) [Rev.1] [3 pp.]  
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- R.113** (1993) [New] [6 pp.]  
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**R.115** (1993) [Rev.1] [4 pp.]

**Maintenance loops for TDM-systems**

- R.116** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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**R.117** (1993) [New] [4 pp.]

**End-to-end error performance of telegraph, telex and gentex connections involving regenerative equipment**

**R.118** (1993) [New] [1 pp.] [Publ.: Jul.94]

**Performance and availability monitoring in regenerative TDM**

\* Transmission quality above 50 bauds

- R.120** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.121** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- R.122** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Summary of transmission plans for rates up to 300 bauds

\* Definitions

- R.140** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Definitions of essential technical terms in the field of telegraph transmission

\* Availability and reliability of international telegraph circuits

- R.150** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Automatic protection switching of dual diversity bearers

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\* Alphabetical telegraph terminal equipment - Start-stop terminals

- S.1** (1993) [Rev.1] [4 pp.] [Publ.: Sep.94]  
**International Telegraph Alphabet No. 2**
- S.2** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Coding scheme using International Telegraph Alphabet No. 2 (ITA2) to allow the transmission of capital and small letters
- S.3** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Transmission characteristics of the local end with its termination (ITA2)
- S.4** (1993) [Rev.1] [4 pp.] [Publ.: Oct.94]  
**Special use of certain characters of the International Telegraph Alphabet No. 2**
- S.5** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Standardization of page-printing start-stop equipment and cooperation between page-printing and tape-printing start-stop equipment (ITA2)
- 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]  
Control of teleprinter motors
- S.8** (1993) [Rev.1] [1 pp.] [Publ.: Jun.94]  
**Intercontinental standardization of the modulation rate of start-stop apparatus and of the use of combination No. 4 in figure-shift**
- S.9** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Switching equipment of start-stop apparatus
- S.10** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Transmission at reduced character transfer rate over a standardized 50-baud telegraph channel
- S.11** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Use of start-stop reperforating equipment for perforated tape retransmission
- 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]  
Use on radio circuits of 7-unit synchronous systems giving error correction by automatic repetition
- 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]  
Use of the telex network for data transmission at 50 bauds
- S.16** (1993) [Rev.1] [11 pp.] [Publ.: Oct.94]  
**Connection to the telex network of an automatic terminal using a V.24 DCE/DTE interface**
- S.17** (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Answer-back unit simulators

- S.18 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.19 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Calling and answering in the telex network with automatic terminal equipment
- S.20 (1993) [Rev.1] [2 pp.] [Publ.: Jun.94]  
**Automatic clearing procedure for a telex terminal**
- S.21 (1993) [Rev.1] [2 pp.] [Publ.: Jun.94]  
**Use of display screens in telex machines**
- S.22 (1993) [Rev.1] [2 pp.] [Publ.: Jul.94]  
**"Conversation impossible" and or pre-recorded message in response to J/BELL signals from a telex terminal**
- S.23 (1993) [Rev.1] [2 pp.] [Publ.: Jun.94]  
**Automatic request of the answerback of the terminal of the calling party, by the telex terminal of the called party or by the international network**
- S.30 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
Standardization of basic model page-printing machine using International Alphabet No. 5
- S.31 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.32 (1988) [Blue Book Fasc. VII.1] [Publ.: Apr.90]  
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- S.33 (1993) [New] [5 pp.] [Publ.: Sep.94]  
**Alphabets and presentation characteristics for the intex service**
- S.34 (1993) [New] [3 pp.] [Publ.: Jun.94]  
**Intex terminals - Requirements to effect interworking with the international telex service**
- S.35 (1993) [New] [3 pp.] [Publ.: Jul.94]  
**Answerback coding for the Intex service**

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Definitions of essential technical terms relating to apparatus for alphabetic telegraphy

## \*\* - Series T

\* 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]  
**Standardization of group 3 facsimile apparatus for document transmission**
- T.6 (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
Facsimile coding schemes and coding control functions for group 4 facsimile apparatus
- T.10 (1988) [Blue Book Fasc. VII.3] [Publ.: Dec.89]  
Document facsimile transmissions on leased telephone-type circuits
- T.10 bis (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]

- Document facsimile transmissions in the general switched telephone network
- 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]  
Range of phototelegraph transmissions on a telephone-type circuit
- T.15** (1988) [Blue Book Fasc. VII.3] [Publ.: Feb.90]  
Phototelegraph transmission over combined radio and metallic circuits
- 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]  
**Procedure for the allocation of CCITT defined codes for non-standard facilities**
- 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.60** (1993) [Rev.1] [20 pp.] [Publ. sched.: Dec.94]  
Terminal equipment for use in the teletex service
- T.61** (1993) [Rev.1] [50 pp.] [Publ. sched.: Dec.99]  
Character repertoire and coded character sets for the international teletex service Note - Not published. To be deleted.
- 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]  
Control procedures for teletex and G4 facsimile services based on Recommendations X.215 and X.225
- T.63** (1993) [Rev.1] [40 pp.] [Publ. sched.: Dec.94]  
Provisions for verification of teletex terminal compliance
- \* Conformance testing procedures for the teletex Recommendations
- T.64** (1993) [Rev.1] [120 pp.] [Publ. sched.: Dec.94]  
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- T.65** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90]  
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- T.70** (1993) [Rev.1] [60 pp.] [Publ. sched.: Dec.94]  
**Network-independent basic transport service for the telematic services**
- T.71** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90]  
Link access protocol balanced (LAPB) extended for half-duplex physical level facility
- T.80** (09/92) [New] [11 pp.] [Publ.: Jul.93]

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**T.81** (09/92) [New] [182 pp.] [Publ.: May.94] [PN: J.PEG]  
Information technology - Digital compression and coding of continuous-tone still images - Requirements and guidelines Note - ITU-T|ISO/IEC 10918-1

**T.82** (1993) [New] [71 pp.] [Publ.: May.94]  
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**T.90** (02/92) [Rev.1] [58 pp.] [Publ.: Sep.92]

**Characteristics and protocols for terminals for telematic services in ISDN**

**T.100** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90]  
International information exchange for interactive videotex

**T.101** (1993) [Rev.1] [100 pp.] [Publ. sched.: Mar.95]

**International interworking for videotex services Note - To be published with R2**

**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]  
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**T.104** (1993) [New] [16 pp.] [Publ. sched.: Dec.94]

**Packet mode access for syntax-based videotex via PSTN**

**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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**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]  
Protocol stacks for audiographic and audiovisual teleconference applications Note - To be published with R1

**T.125** (04/94) [New] [167 pp.] [Publ.: Sep.94]

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**T.150** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90]  
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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.351** (1988) [Blue Book Fasc. VII.5] [Publ.: Aug.90]  
Imaging process of character information on facsimile apparatus

**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]

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

**T.411** (1993) [Rev.1] [77 pp.] [Publ.: Oct.94]  
**Information technology - Open document architecture (ODA) and interchange format: Introduction and general principles Note - ITU-T|ISO|IEC**

**T.412** (1993) [Rev.1]  
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**T.414** (1993) [Rev.1]  
Information technology - Open document architecture (ODA) and interchange format: Document profile Note - ITU-T|ISO|IEC

**T.415** (1993) [Rev.1]  
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**T.432** (09/92) [Rev.1] [36 pp.] [Publ.: Aug.93]  
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**Document transfer, access and manipulation (DTAM) - Services and protocols - Protocol specification**

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**Binary file transfer format for the telematic services**

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**T.501** (1993) [Rev.1] [29 pp.] [Publ. sched.: Dec.94]  
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- T.561** (1988) [Blue Book Fasc. VII.7] [Publ.: May.90]  
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- 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]  
**Terminal characteristics for group 4 facsimile apparatus Note - To be published when revised**
- T.564** (1993) [Rev.1] [36 pp.] [Publ. sched.: Dec.94]  
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- T.571** (09/92) [New] [11 pp.] [Publ.: Aug.93] [PN: T.565]  
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**\*\* - Series U**

\* 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]  
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- 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
- U.23 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Use of radiotelegraph circuits with ARQ equipment for fully automatic telex calls charged on the basis of elapsed time
- U.24 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Requirements for telex and gentex operation to be met by synchronous multiplex equipment described in Recommendation R.44
- U.25 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Requirements for telex and gentex operation to be met by code- and speed-dependent TDM systems conforming to Recommendation R.101

\* Gentex signalling

- U.30 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Signalling conditions for use in the international gentex network
- U.31 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Prevention of connection to faulty stations and/or station lines in the gentex service

\* Particular signalling facilities

- U.40 (1993) [Rev.1] [4 pp.] [Publ.: Aug.94]  
**Reactions by automatic terminals connected to the telex network in the event of ineffective call attempts or signalling incidents**
- U.41 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Changed address interception and call redirection in the telex service
- U.43 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Follow-on calls
- U.44 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]  
Multi-address calls in real time for broadcast purposes in the international telex service
- U.45 (1993) [Rev.1] [3 pp.] [Publ.: Aug.94]  
**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

U.60 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]

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

U.61 (1993) [Rev.1] [10 pp.] [Publ.: Oct.94]

**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

U.74 (1988) [Blue Book Fasc. VII.2] [Publ.: Apr.90]

Extraction of telex selection information from a calling telex answerback

U.75 (1993) [Rev.1] [3 pp.] [Publ.: Oct.94]

**Automatic called telex answerback check**

\* Telex store and forward

U.80 (1993) [Rev.1] [19 pp.]

**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

U.101 (1993) [New] [27 pp.] [Publ.: Aug.94]

**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

U.200 (1993) [New] [17 pp.] [Publ.: Jul.94]

**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**

U.202 (1993) [Rev.1] [6 pp.]

**Technical requirements to be met in providing the international telex service within an integrated services digital network**

U.203 (1993) [New] [24 pp.] [Publ.: Sep.94]

**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]  
**Technical requirements to be met for the transfer of messages between terminals of the international telex service and group 3 facsimile terminals connected to the PSTN**
- U.208** (1993) [New] [7 pp.] [Publ.: Jul.94]  
**The international telex service - Interworking with the INMARSAT C system using one-stage selection**
- 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**

**\*\* - Series V**

\* 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**

V.23 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
600/1200-baud modem standardized for use in the general switched telephone network

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]  
Automatic answering equipment and/or parallel automatic calling equipment on the general switched telephone network including procedures for disabling of echo control devices for both manually and automatically established calls

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]  
4800/2400 bits per second modem standardized for use in the general switched telephone network

- V.28 (1993) [Rev.1] [6 pp.] [Publ.: Jan.94]  
**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]  
 Electrical characteristics for single-current interchange circuits using optocouplers
- 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**
- V.32 bis (02/91) [New] [22 pp.] [Publ.: May.91]  
**A duplex modem operating at data signalling rates of up to 14 400 bit/s for use on the general switched telephone network and on leased point-to-point 2-wire telephone-type circuits**
- V.33 (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
 14 400 bits per second modem standardized for use on point-to-point 4-wire leased telephone-type circuits
- 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]  
**A 48/56/64 kbit/s data circuit terminating equipment standardized for use on digital point-to-point leased circuits**

\* 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]  
 Limits for the maintenance of telephone-type circuits used for data transmission
- 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

\* Interworking with other networks

- V.100** (1988) [Blue Book Fasc. VIII.1] [Publ.: Nov.89]  
Interconnection between public data networks (PDNs) and the public switched telephone networks (PSTN)
- 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

## **\*\* - Series X**

\* 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]  
Multi-aspect PAD (MAP) framework and service definition Note - C: 40/65/84
- 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]  
**Interface between data terminal equipment and data circuit-terminating equipment for synchronous operation on public data networks**
- X.21** 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 synchronous V-Series modems**
- X.22** (1988) [Blue Book Fasc. VIII.2] [Publ.: May.89]  
 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]  
 Electrical characteristics for unbalanced double-current interchange circuits for general use with integrated circuit equipment in the field of data communications Note - Same as V.10
- X.27** (1988) [Blue Book Fasc. VIII.2] [Publ.: May.89]  
 Electrical characteristics for balanced double-current interchange circuits for general use with integrated circuit equipment in the field of data communications Note - Same as V.11
- 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]  
**Addendum 1 to Recommendation X.28 to enable MAP support in accordance with Recommendation X.8 Note - C: 40/65/84**
- X.29** (1993) [Rev.1] [16 pp.] [Publ.: Oct.93]  
**Procedures for the exchange of control information and user data between a packet assembly/disassembly (PAD) facility and a packet mode DTE or another PAD**
- 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]  
**G3 facsimile equipment/DCE interface for G3 facsimile equipment accessing the facsimile packet assembly/disassembly facility (FPAD) in a public data network situated in the same country**
- 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]  
Fundamental parameters of a multiplexing scheme for the international interface between synchronous data networks using 10-bit envelope structure
- X.51** 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 using 10-bit envelope structure
- X.52** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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]  
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- X.56** (1988) [Blue Book Fasc. VIII.3] [Publ.: Nov.89]  
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