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REVISION RECORD

Revision	Description
0.1 07/20/94	Initial distribution for comments. Distribution made available via anonymous ftp site ftp.network.com. Notification sent to the HIPPI community via hippi-ext@think.com.
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Standards, Proposed Standards, and *de facto* Standards

[S1] ANSI X3.183-1991, *High-Performance Parallel Interface. Mechanical, Electrical, and Signalling Protocol Specification (HIPPI-PH).*

A maintenance version, dated March 3, 1993, is available in PostScript form from:
`ftp:ftp.network.com:/hippi/hippi-ph_8.2.ps`.

[S2] ANSI X3.210-1992, *High-Performance Parallel Interface. Framing Protocol (HIPPI-FP).*

A maintenance version, dated April 13, 1994, in PostScript form is available from:
`ftp:ftp.network.com:/hippi/hippi-fp_4.4.ps`.

[S3] ANSI X3.218-199x, *High-Performance Parallel Interface - Encapsulation of ISO 8802-2 (IEEE Standard 802.2) Logical Link Control Protocol Data Units (HIPPI-LE).*

Specifies an encapsulation for using HIPPI-FP lower layers.

A maintenance version, dated August 6, 1993, in PostScript form is available from:
`ftp:ftp.network.com:/hippi/hippi-le_3.4.ps`.

[S4] ANSI X3.222-1993, *High-Performance Parallel Interface. Physical Switch Control (HIPPI-SC).*

A maintenance version, dated July 15, 1993, is available in PostScript form from:
`ftp:ftp.network.com:/hippi/hippi-sc_2.7.ps`.

[S5] Serial-HIPPI Implementors Group, April 5, 1993, *Serial-HIPPI Specification (Serial-HIPPI). Rev 1.2*.

This document contains a specification for transporting HIPPI signals over a pair of single mode optical fibers. There are no plans on advancing this as an American National Standard. It describes an ad hoc development which has been implemented in silicon and is used by a variety of HIPPI manufacturers.

A Postscript version of this document is available from:
`ftp:ftp.network.com:/hippi/serial_hippi_1.2.ps`.

[S6] ANSI X3T11 / Project 1026 / Rev 1.1, July 6, 1994, *High-Performance Parallel Interface - Mapping to Asynchronous Transfer Mode (HIPPI-ATM).*

This is a working document of the ANSI X3T11 Technical Committee. The main purpose of this document is to describe the methodology for encapsulating HIPPI-PH packets over ATM equipment, i.e. tunneling through ATM.

A copy of the working draft, dated July 6, 1994, is available in PostScript form from:
`ftp:ftp.network.com:/hippi/hippi-atm_1.1.ps`.

[S7] ANSI X3T9.3/91-191, *High-Performance Parallel Interface - Memory Interface (HIPPI-MI).*

This was the specification for the now defunct HIPPI-ME protocol to perform direct memory accesses to and from nodes on a HIPPI network. Various groups are using the HIPPI-MI conventions for private protocols. The document may be of particular interest to individuals interested in channel connected front end processors.

A maintenance version, dated March 13, 1992, in PostScript form is available from: `ftp:ftp.network.com:/hippi/hippi-mi_2.6.ps`.

[S8] J. Renwick and A. Nicholson, RFC-1374, October 1992, *IP and ARP on HIPPI.*

This RFC describes a technique whereby IP equipped hosts using a HIPPI compliant interface may discover the media address of a destination host with a known IP address.

[S9] J. Miller, Internet Draft - HIPPI MIB, September 1992, SNMP MIB Extension for HIPPI.

This Internet Draft proposal, which has expired with no further action, describes an experimental portion of the MIB which was proposed as a standard for HIPPI end node interface MIBs.

A copy of the draft, dated September 28, 1992, is available in PostScript form from: `ftp:ftp.network.com:/hippi/draft-miller-hippimib-01.ps`.

[S10] ANSI/ISO/IEC 9318-3, Information technology - Intelligent Peripheral Interface. Part 3: Device generic command set for magnetic and optical disk drives.

This working draft contains details on the proposed standard for defining how the IPI-3 command set would operate over various physical interfaces. The three specifically defined are Intelligent Peripheral Interface, High Performance Parallel Interface, and Fibre Channel.

A version of the working draft is available in PostScript form from: `ftp:ftp.network.com:/hippi/hippi-ipi_0194.ps`.

[S11] V. Jacobson, R. Braden, and D. Borman, IETF Working Group RFC 1072-1185bis, November 12, 1991, *TCP Extensions for High Performance*.

Articles, Presentations, and Published Papers

[A1] W.R. Franta and J.P. Hughes, "Geographic Extension of HIPPI Channels via High Speed SONET"*, IEEE Network*, May/June 1994.

[A2] D.E. Tolmie, "HIPPI, Fibre Channel, and ATM as Gigabit LANs", *Networld+Interop '94 Engineer's Conference*, Las Vegas, Nevada, May 5, 1994.

Postscript versions of the slides used for this presentation are available electronically from: `ftp:info-server.lanl.gov:/pub/hippi/general/Tolmie.Interop.ps`.

[A3] B. Beattie, M. Halvorson, C. Idler, J. Kravitz, M. Sukalski, R. Thomsen, "SHIP: Simple Host Intersocket Protocol Vers. 076", *unpublished*, April 18, 1994.

SHIP is a protocol designed to provide socket level application interface support for devices that may not be suited to full protocol stack implementations such as massively parallel machines and disk arrays. It is intended to provide "network accessibility" to a class of devices that may have traditionally required a HOST channel attachment.

A Postscript version of this paper is available electronically from: `ftp:info-server.lanl.gov:/pub/hippi/CBI/shipv076.ps`

[A4] D.E. Tolmie, "HIPPI, and Relationship to Fibre Channel and ATM", a presentation at the *1994 Silicon Valley Networking Conference and Exhibition*, San Jose, California, April 5-7, 1994.

Postscript versions of the slides used for this presentation are available electronically from: `ftp:info-server.lanl.gov:/pub/hippi/general/det-slides-4_94.ps`.

[A5] J.W. Toy, "HIPPI Over Fiber Optics", *Proceedings of the Silicon Valley Networking Conference*, April 1994, pp 9-17.

[A6] D.E. Tolmie, "HIPPI, Fibre Channel, and ATM in High-Speed Networks", *Proceedings of the DoD Fiber Optics and Photonics Conference*, McLean, Virginia, March 23, 1994.

[A7] P. Steenkiste, "A Systematic Approach to Host Interface Design for High-Speed Networks", *IEEE Computer*, vol. 27 no. 3, March 1994.

[A8] L. Sloan, "Survey of 'IP and ARP on HIPPI' Implementations", *unpublished*, March 1994.

A Postscript version of this document can be obtained from: `ftp:ftp.network.com:/hippi/hippi_ip_survey_9403.ps`.

[A9] W. St. John, "High-Performance Parallel Interface (HIPPI) Repeater Application Note", *Los Alamos National Laboratory LA-UR-458*, December 15, 1993.

[A10] B. Homan and C. Stoops, "High Performance I/O and the RS/6000", *RiSc World*, vol. 3 no. 12, December 1993.

[A11] W.R. Franta, J. Halpern, and J. Hughes, "Mix and Match Technologies Boost Communication Speed in Today's Data-Networking Environment", *Computers in Physics*, vol. 7 no. 6 pp 666-671, November/December 1993.

[A12] J. Duffy, "HP Unveils High-Speed Workstation Adapter", *Network World*, vol. 10 iss. 47 p 6, November 22, 1993.

[A13] R.K. Singh, et. al., "A Programmable HIPPI Interface for a Graphics Supercomputer", *Supercomputing '93 Proceedings*, November 15-19, 1993, pp 124-132.

[A14] T.T. Kwan and J.A. Terstriep, "Experiments with a Gigabit Neuroscience Application on the CM-2", *Supercomputing '93 Proceedings*, November 15-19, 1993, pp 133-142.

[A15] R. Karpinski, "HPPI Gateway opens SONET Pipe", *Telephony*, vol. 255 iss. 13 pp 11-13, September 27, 1993.

[A16] B. Hastings, "HSSI and HPPI Open up Data Highways to High-Speed Traffic", *Network World*, vol. 10 iss. 37 p 91, September 13, 1993.

[A17] K.C. Young Jr. et al., "A HIPPI/ATM/SONET Network Interface for the Nectar Gigabit Testbed", *IEEE LEOS 1993 Summer Topical Meeting Digest on Gigabit Networks*, July 1993, pp 14-15.

[A18] R.H. Katz, P. Chen, et. al., "RAID-II: Design and Implementation of a Large Scale Disk Array Controller", University of California Berkeley - Computer Science, CSD-92-705, June 2, 1993.

Accessible via:
`ftp://tr-ftp.cs.berkeley.edu/pub/tech-reports/csd/csd-92-705.`

[A19] R. Thomsen, "Los Alamos Multiple Crossbar Network: Crossbar Interfaces", Los Alamos National Laboratory, May 7, 1993.

A Postscript version of this paper is available electronically from:
`ftp:info-server.lanl.gov:/pub/hippi/CBI/cbi.ps` and
`ftp:info-server.lanl.gov:/pub/hippi/CBI/cbiblock.ps.`

[A20] R. Cummings, "HIPPI and Fibre Channel Coexistence", a presentation at *Interface '93*, May 6, 1993.

Postscript versions of the slides used for this presentation are available electronically from: `ftp:ftp.network.com:/hippi/hippi_and_fc_coexistence.ps.`

[A21] L. Gasman, "The Broadband Jigsaw Puzzle", *Business Communications Review*, vol. 23 iss. 2 pp 35-39, February 1993.

[A22] D.E. Tolmie and J.K. Renwick, "HIPPI: Simplicity Yields Success", *IEEE Network - The Magazine of Computer Communications*, vol. 7 no. 1 pp. 28-32, January 1993.

This article is also published in the book *Advances in Local and Metropolitan Area Networks*.

[A23] I. Chlamtac and M.G. Kienzle, "Multitasking in High-Speed Interconnection Systems", *Computer Networks and ISDN Systems*, vol. 25 iss. 6 pp 701-716, January 1993.

[A24] J.P. Hughes, "HIPPI", *unpublished*, 1993.

[A25] W.R. Franta and J.P. Hughes, "Extended High Speed Networks Employing HIPPI Switches, High Speed WANS, and FDDI Rings", *Journal of High Speed Networks*, December 1992.

[A26] K. Herbst, "Fast Track for Supercomputer Data", *Datamation*, vol. 38 iss. 24 pp 87-90, December 1, 1992.

[A27] C. C-Doo Jung and D. Advani, "HIPPI Exploitation in TCP/IP Environment", *Supercomputing '92 Proceedings*, November 1992, pp 610-615.

[A28] John K. Renwick, "Building a Practical HIPPI LAN", *Proceedings of IEEE Conference on Local Computer Networks*, September 1992.

[A29] D.E. Tolmie, "HIPPI and Fibre Channel", *Conference on Computing in High Energy Physics (CHEP92)*, Annecy, France, September 1992.

[A30] J. Ambrosio, "Users: 'We Want Our Data Faster'", *Computerworld*, vol. 26 iss. 34 p 25, August 24, 1992.

[A31] M. Ferelli, "RAID Becoming the People's Choice", *Computer Technology Review*, vol. 12 iss. 9 p 36, August 1992.

[A32] D.E. Tolmie, "Gigabit Networking", *IEEE Lightwave Telecommunications Systems - Special Issue on Gigabit Networking - Technical Challenges and Applications*, vol. 3 no. 2 pp 28-36, May 1992.

This article is also published in the book *Advances in Local and Metropolitan Area Networks*.

[A33] A. Wolfe, "Host of Products on Tap for HIPPI", *EE Times*, p 40, March 9, 1992.

[A34] D.E. Tolmie and M.G. Halvorson, "HIPPI / Serial-HIPPI", *COMPCON '92*, San Francisco, California, February 1992, pp 222-228.

[A35] W. McFarland, et. al., "HP's Link Interface Chipset for Serial-HIPPI", *COMPCON '92*, San Francisco, California, February 1992, pp 229-233.

[A36] K. Hardwick, "HIPPI World —The Switch is the Network", *COMPCON '92*, San Francisco, California, February 1992, pp 234-238.

[A37] W. St. John and D. Massey, "Casa HIPPI-SONET", *Proceedings of the Third Gigabit Testbed Workshop*, January 13-15, 1992, pp 155-156.

[A38] Cheung. N, "Nectar HIPPI-ATM-SONET", *Proceedings of the Third Gigabit Testbed Workshop*, January 13-15, 1992, pp 157-166.

[A39] P. Steenkiste, "The Nectar Network Interface", *Proceedings of the Third Gigabit Testbed Workshop*, January 13-15, 1992, pp 211-216.

[A40] W.R. Franta and J.P. Hughes, "Extended High Speed Networks Employing HIPPI Switches", *Journal of High Speed Networks*, vol. 1 no. 1, 1992.

This paper was also included in the *Proceedings of the 2nd Annual Workshop on Very High Speed Networks*, Greenbelt, Maryland, pp 191-232, March 4-5, 1991.

[A41] N.P. Smith, "HIPPI and Beyond", *Supercomputing Review*, pp 69-79, November 1991.

[A42] D.E. Tolmie, "Local Area Gigabit Networking", *11th IEEE Symposium on Mass Storage Systems*, Monterey, California, October 10, 1991, pp 11-16.

[A43] D.E. Tolmie, "What's Happening with Supercomputer Networks", Keynote Address at *Network Systems Users Group (NEXUS) XXIV*, Scottsdale, Arizona, September 25, 1991.

[A44] T.A. Gilbert, "Using HIPPI Switches to Build High-Performance Multiple FDDI Ring Networks", *SPIE High-Speed Fiber Networks and Channels Proceedings*, Boston, Massachusetts, vol. 1577, September 4-6, 1991, pp 72-83.

[A45] P.R. Rupert, "What's Driving Gigabit/Sec Channels?", *SPIE High-Speed Fiber Networks and Channels Proceedings*, Boston, Massachusetts, vol. 1577, September 4-6, 1991, pp 227-237.

[A46] J.W. Toy, P.W. Casper, et. al., "The Design of a 10-Km Dual-Simplex Fiber Optic HIPPI Extender", *SPIE High-Speed Fiber Networks and Channels Proceedings*, Boston, Massachusetts, vol. 1577, September 4-6, 1991, pp 239-244.

[A47] D.E. Tolmie, "Present and Future Supercomputer Network Architectures", *SPIE High-Speed Fiber Networks and Channels Proceedings*, Boston, Massachusetts, vol. 1577, September 4-6, 1991, pp 300-308.

[A48] D. Getchell, "LLNL Experience with HIPPI", *Santa Fe Cray Users Group*, September 1991.

[A49] J.M. McQuillan, "Doing Business Electronically: The Present and Future of 'LAN-in-a-Box'", *Business Communications Review*, vol. 21 iss. 8 pp 12,14, August 1991.

This article was also re-published in the *Proceedings for the 5th Annual Conference on Next Generation Networks: Broadband Networks*, Marriott Crystal Gateway, Washington, D.C., November 5-8, 1991

[A50] I. Chlamtac, A. Ganz, and M.G. Kienzle, "Control Policies for Interconnected Distributed Systems via a HIPPI Switch", *Microprocessing &Microprogramming*, vol. 32 iss. 1-5 pp 575-582, August 1991.

[A51] C. Hildebrand, "'Hippi' Means Speed for Lab Users", *Computerworld*, vol. 25 no. 14, pp 45, 48, April 8, 1991.

[A52] K. Herbst, "The Dawning of the Age of Network Supercomputing", *Supercomputing Review*, pp 46-51, April 1991.

[A53] E. Ohrenstein, "Arrays - Fault Tolerance for VME and HPPI", *Computer Technology Review*, vol. 10 iss. 15, pp 20,22, December 1990.

[A54] E. Ohrenstein, "Supercomputers Seek High Throughput and Expandable Storage", *Computer Technology Review*, vol. 10 iss. 5, pp 33-39, Spring 1990.

[A55] I. Chlamtac, A. Ganz, and M.G. Kienzle, "Performance Evaluation of a HIPPI Connection System", *Proceedings of the Third Conference on High Speed Networks*, Berlin, Germany.

[A56] T. Costlow, "Supercomputer World Adopts Standard Link", *Electronic Engineering Times*, iss. 567 pp 1, 16, December 4, 1989.

[A57] J. Shandle, "Gigabit Nets get Ready for Lift-Off", *Electronics*, pp 66-69, December 1989.

[A58] D.E. Tolmie, "The High-Speed Channel (HSC) and Ultra-Speed Networks", *Broadband FOC/LAN*, San Francisco, California, November 3, 1989.

[A59] R. Weiss and T. Costlow, "IBM Beats Pack to High-Speed Channel", *Electronic Engineering Times*, June 5, 1989.

[A60] D.E. Tolmie, "The High-Speed Channel (HSC) Standard", *COMPCON Spring '89 Conference*, San Francisco, California, March 1, 1989.

[A61] "Los Alamos High-Speed Channel will Spur 1 Gigabits/s Networks", *Computers in Physics*, pp 12-13, Sep/Oct 1988.

[A62] S. Scully, "Supercomputing Hails Need for Gbit LANs", *Lightwave*, pp 1,21-26, September 1988.

[A63] L. Waller, "A Fiber-Optic Link that Runs with Supercomputers", *Electronics*, March 3, 1988.

[A64] "A Superhighway for Channeling Data", *Science News*, vol. 133 no. 5 p 77, January 30, 1988.

[A65] "Super High-Speed Link may Revolutionize Computer Communications", *Computer Daily*, vol. 20 no. 11 pp 1-2, January 19, 1988.

Textbooks

[B1] D.E. Tolmie and A. Tantawy (ed.), *High Performance Networks - Technology and Protocols*, Norwell, Massachusetts, Kluwer Academic Publishers, 1994, "High Performance Parallel Interface (HIPPI)".

Also contains excellent chapters on ATM and SONET.

[B2] William Stallings, *Advances in Local and Metropolitan Area Networks*, Los Alamitos, California, IEEE Computer Society Press 1994.

[B3] Craig Partridge, *Gigabit Networking*, Addison-Wesley, 1994.

Miscellaneous Information

[M1] "RD13 Data Acquisition System User's Guide", CERN, Geneva, Switzerland, July 4, 1994.

This User's Guide is for the RD13/6/34 test-beam built at CERN. This device uses HIPPI interfaces. This document is accessible via:
`http://rd13doc.cern.ch/home1/public/doc/Note44.html.`

[M2] C.P. Bee, S. Buono, et. al., "Status Report of A Scalable Data Taking System at a Test Beam for LHC CERN/DROC 94-24", European Organization for Nuclear Research (CERN), Geneva, Switzerland, May 9, 1994.

This collaboration update is available via:
`http://rd13doc.cern.ch/home1/public/doc/Note117.html.`

[M3] "The Enable-Machine: A Second Level Trigger for Transition Radiation Detector TRD of the LHC", CERN, Geneva, Switzerland.

This information describes a collaborative effort involving CERN where HIPPI is used in a project to develop a massively parallel computer for high-speed pattern recognition. The information is accessible via:
`http://mp-sun1.informatik.uni-mannheim.de/projects/enable.html.`

[M4] Cutler & Company, "Assessment of High Bandwidth Applications Demand on Research Data Networks", Australian Science and Technology Council, May 1994.

This is a consultants report in response to a directive from the Minister Assisting the Prime Minister for Science to define the requirements of Australia's research data networks. This report examines HIPPI's role in these networks versus other technologies such as ATM. This information is accessible via:
`http://info.aarnet.edu.au/aarnet/documents/astec-consult.html.`

[M5] LLNL "Advanced Telecommunications Program (ATP)", April 15, 1994.

This documentation describes the Advanced Telecommunications Program under way at LLNL. Information is contained within the document that describes the role of HIPPI in this effort. The information is accessible via:
`http://www-atp.llnl.gov/atp.`

[M6] Gigabit Networking - XUNET and Project BLANCA, University of Illinois.

This provides information about the BLANCA testbed. This document also describes the effort to provide HIPPI to XUNET interfaces as part of the BLANCA effort. This information is available via:
`http://choices.cs.uiuc.edu/blanca/blanca.html.`

[M7] Network Systems Corporation, "HIPPI Connectivity Solutions - High Performance Networks", NSC Publication NS1364, 1993.

[M8] ANSI X3T11 Committee Meeting Minutes.

While these minutes are not a single actual document, but rather a collection of documents, the editor felt it was important to note the location of the information in this collection. Please note that X3T9.3 was the previous name of the X3T11 committee. The following meeting minutes are available.

February 17-18, 1992 @ Doubletree Hotel, Austin, Texas from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_92_02.ps`

April 27-28, 1992 @ Tradewinds Hotel, St. Petersburg Beach, Florida from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_92_04.ps`

June 22-23, 1992 @ Hotel Sofitel, Minneapolis, Minnesota from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_92_06.ps`

August 18, 1992 @ Hyatt Regency Bellevue, Bellevue, Washington from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_92_08.ps`

October 13, 1992 @ Crown Sterling Suites Hotel, Ft. Lauderdale, Florida from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_92_10.ps`

December 7-8, 1992 @ Catamaran Hotel, San Diego, California from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_92_12.ps`

February 17, 1993 @ Wyndham Southpark Hotel, Austin, Texas from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_93_02.ps`

April 21, 1993 @ Tradewinds Hotel, St. Petersberg Beach, Florida from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_93_04.ps`

June 23, 1993 @ Hotel Sofitel, Minneapolis, Minnesota from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_93_06.ps`

August 18, 1993 @ Red Lion Hotel, Colorado Springs, Colorado from:
`ftp:ftp.network.com:/X3T11/minutes/x3t9.3_minutes_93_08.ps`

February 16, 1994 @ Red Lion Hotel, Austin, Texas from:
`ftp:ftp.network.com:/X3T11/minutes/x3t11_minutes_94.02.ps.`

April 20, 1994 @ Hyatt Regency Hotel, Bellevue, Washington from:
`ftp:ftp.network.com:/X3T11/minutes/x3t11_minutes_94.02.ps.`

[M9] HIPPI-802 Working Group Meeting Minutes.

Like the ANSI X3T11 meeting minutes, these are collections of notes documenting the events of the specified meetings. The following meeting minutes are available:

July 9, 1990 @ Rochester, Minnesota from:
`gopher://gopher.es.net/11/pub/high-speed-networking/hippi/hippi-le-minutes-oct-90.ps.`

October 16, 1990 @ Fort Lauderdale, Florida from:
`gopher://gopher.es.net/11/pub/high-speed-networking/hippi/hippi-le-minutes-oct-90.ps.`

[M10] A. Nicholson, Minutes of the IP over HIPPI BOF, IETF Meeting, March, 1992.

These notes cover the IETF BOF meeting to discuss the proposed draft version of RFC-1374. This has been included for reference only. An ASCII version of this document can be retrieved from: