

PRESIDENT'S NOTE

Fellow DSL Forum Member,

2003 has been a year of exciting growth for our industry. DSL is the world's leading broadband access technology, and the DSL Forum is focused on developing the full potential of DSL to address the exciting new applications and services going online every day. We spoke in 2002 of the Forum's role in a much anticipated telecom turnaround. Well, I am proud to say that our membership and staff have had a significant role in leading the change in the turnaround. We can point to a strong record of specific 2003 initiatives that are examples of the leadership the DSL Forum provides to the industry.

- **9** Technical Reports (TR's) produced – During 2003, the DSL Forum completed important TR's on IP-based Architecture (TR-058/059), customer premise configurations, SHDSL interoperability testing, and is nearing the completion of a major update for the interoperability testing for ADSL equipment.
- **6** plugfests were held for ADSL2 and ADSL2plus
- **8** Independent Testing Laboratories (ITL's) were recognized to administer the DSL Forum's interoperability testing plans – Strong progress was made towards industry accreditation of the ITL's and expanded interest and utilization by service providers, moved the program from concept to accepted practice around the world.
- **4** White Papers were produced (five additional in progress, with 2004 scheduled releases)
- **New** DSLHome™ initiative launched – DSLHome™ will help resolve the technical issues of QoS and CPE management though the customer's premise, as well as educate customers about DSL and home networking opportunities.
- **New** European Market Focus Group launched due to a surge of European participation and energy.
- **275** positive DSL Forum press stories carried in 31 countries around the world
- **3** tradeshow exhibits (SUPERC0MM 2003, Broadband World Forum Europe, USTA Telecom '03)
- **9** positive Ambassador presentations
- **6** technical liaisons and **12** new marketing relationships with outside organizations were the result of a new and intense focus on building industry organization consensus
- **4** quarterly global subscriber growth announcements produced through our strong partnership with Point Topic
- **12** new Analyst Agreements signed, giving special advanced reports and/or report pricing for the DSL Forum members
- **62** new Analyst reports posted to the Analyst Corner



Tom Starr
President & Chairperson

Collectively, we have done our part to be the impetus for a turnaround in telecom. Our work is vital in creating a profitable DSL-based mass market for the world's service providers and equipment suppliers. DSL represents the strongest growth market in the telecom industry and is THE leading broadband choice in the world.

I am proud of our accomplishments and you should be too. We have many promising opportunities to further our progress and a huge market yet to be served: 94% of the global installed base of copper telephone loops still don't have DSL. People need broadband connections now more than ever, as the way they work, learn and entertain themselves changes in the face of uncertain economic conditions and new services come online.

Join us in 2004 as we attack these critical initiatives and provide the industry leadership that is essential to our drive for a strong DSL mass market all around the world.

Tom Starr
President & Chairperson, DSL Forum

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DSL FORUM MEMBERSHIP STATISTICS IN 2003

The DSL Forum is an international non-profit industry association working cooperatively to promote DSL. We have forged a powerful alliance of service providers and companies from virtually every sector of communications, networking and computer industries around the world to focus on developing and promoting end-to-end solutions.

DSL Forum ended 2003 with 204 members.

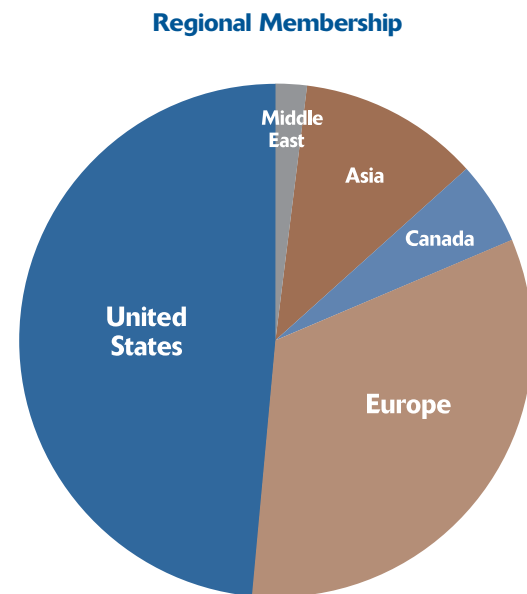
We have a very diverse membership, as the chart shows.

2003 Membership Totals

Principal Members	107
Small Company Principal Members	39
Auditing Members	48
Associate Members	10

Regional Membership

United States	99
Europe	67
Canada	11
Asia	23
Middle East	4



DSL FORUM ORGANIZATION

Each year, members elect new officers to the DSL Forum Board of Directors to lead the effort to promote DSL. The DSL Forum Board develops the strategic goals for each year, and provides steer throughout the year to drive initiatives. Each Board member sits on various Board subcommittees to focus on specific areas of Forum management.

BOARD OF DIRECTORS



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During 2003, the following people also served as members of the Board of Directors, but resigned before the end of the year: Greg Bathrick, Robert Escalle and Martin Jackson.

DSL FORUM ORGANIZATION - *continued*

Board Sub-Committees

Finance & Audit

Chair: Steve Kingdom
Members: David Greggains, Phil Skeba

Technical Oversight

Chair: Michael Brusca
Members: Steve Kingdom, Frank Van der Putten,
Ex-officio: Gavin Young

Membership & Nomination

Chair: Frank Van der Putten
Members: Michael Brusca, Peter LeBlanc, Jeri Pitoniak

Marketing Oversight

Chair: Phil Skeba
Members: Steve Kingdom, Jeri Pitoniak
Ex-officio: Jay Fausch

There is tremendous collective expertise in our membership and by joining forces to develop a focused strategy, the DSL Forum directs significant resources toward the development of end-to-end solutions.

Membership Classes of the DSL Forum:

Principal Members - \$7,500 USD

- Attendance to all annual, general and committee meetings of the Forum
- One vote each on all Forum issues
- Access to all working documents, contributions, technical reports, and meeting minutes
- Eligibility to run for Board of Director and Committee officer positions
- Eligibility to submit Technical Committee and Marketing Committee contributions
- Subscription to all DSL Forum email mailing lists

Small Company Principal Members - \$3,500 USD

- All the privileges listed above for a Principal Member

Auditing Members - \$2,500 USD

- Attendance to all annual and general (i.e., Summit and Plenary) meetings of the Forum
- Access to all working documents, contributions, technical reports and meeting minutes
- Subscription to all DSL Forum email mailing lists

Associate Members - \$500 USD

- Attendance to all annual, general and committee meetings of the Forum (but not eligible to vote)
- Access to all working documents, contributions, technical reports and meeting minutes
- Subscription to all DSL Forum email mailing lists (For non-profit and educational institutions, provides no right to vote, but will have all other rights associated with a Principal membership)

Barter Members - Entities who provide special services in barter for their membership

- Access to all working documents, contributions, technical reports and meeting minutes
- Subscription to all DSL Forum email mailing lists

As in previous years, the Board of Directors, elected at the annual meeting, held a full-day strategy meeting where they discussed the Forum's role in furthering the progress of DSL. It was determined that the very core of the DSL Forum's platform needed to evolve to meet the new requirements of broadband users. A new charter was outlined to address this:

Vision Global mass market for DSL; 200 million customers by 2005

Strategy Stimulate consumer and business demand for broadband DSL services. Engage industry stakeholders to ensure that all aspects needed for successful DSL services are specified and resolved.

Mission Maximize global broadband DSL opportunities and success

Objectives

- Develop effective broadband support of emerging applications and content, extending the array of offerings over DSL.
- Build on our pioneering of end-to-end architecture evolution, with special consideration for alternate technologies.
- Foster the linkage of DSL to home networking that augments the advantage of broadband DSL.
- Focus on emerging markets around the world, and ensure they have access to the latest in technology and best practices, in order for them to expedite their rollouts effectively.
- Broaden the interoperability for each DSL type, thereby resulting in greater availability and choice for end users.
- Expand consumer and business awareness and demand of DSL.
- Maximize global membership engagement, so resulting efforts will lead to the exponential growth of the industry.

The work of the DSL Forum is performed under two main committees and under the steer of three special advisory committees.

Technical Committee

Chair: Gavin Young
Vice Chair: Frank van der Putten

Marketing Committee

Chair: Jay Fausch

Board Advisory Committees

Qualification Oversight Committee - led by Alan White, Samsung
Public Policy Advisory WG - led by Laurie Gonzalez, DSL Forum
Service Provider Action Council - led by Anna Salguero, SBC

The **Technical Committee** is divided into a series of sub-committees or working groups that focus on specific areas to facilitate and expedite the technical work of the Forum. In 2003, these working groups were put in three logical tracks to promote end-to-end solution developments.

Design

- Architecture & Transport - led by David Thorne, BT and David Allan, Nortel Networks

Test

- Testing & Interoperability - led by Les Brown, Centillum

Operate

- Operations & Network Mangement - led by Peter Adams, BT and Greg Bathrick, Texas Instruments

- DSLHome™ - Technical (Auto-Configuration) - led by George Pitsoulakis, Westell and Greg Bathrick, Texas Instruments

The **Marketing Committee** is also subdivided into task-oriented groups, which focus on increasing awareness of DSL, and providing true Marketing expertise in the areas of identifying and prioritizing DSL development needs.

The Marketing Committee structure for 2003:

Marketing Intelligence

- Best Practices & Summit - led by Peter LeBlanc, Aware
- DSLHome™ - Marketing (Deployment Council) - led by Bob Escalle, Texas Instruments
- European Market Focus Group - led by Vincenzo Gulla, Aethra and Steve Plume, BT
- SHDSL - led by Sascha Lindecke, Infineon
- Strategic Communications - led by Jay Fausch, Alcatel

Marketing Communications

- Public Relations
- Advertising & Multimedia Productions
- Websites
- Trade Shows

Marketing and Public Relations support was provided by:



Laurie Gonzalez
+1.770.761.9300
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Vendor Relations Manager



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Public Relations Representative
for the Americas

TECHNICAL COMMITTEE ACHIEVEMENTS

2003 saw the global deployment of DSL reach several tens of millions of lines. However, the vast majority of these were for best-effort Internet access. The work of the Technical Committee continued to support the efficient deployment of DSL by working on interoperability and the effective operation and management of DSL. We also commenced work on "Next Generation DSL". This new work covered three key areas:

- 1. Next generation network architectures.** Initially we evaluated (and documented in TR-056) a number of possible ways in which DSL architectures could evolve to support new service possibilities. We then focused on the key service requirements for a next generation DSL framework (TR-058) and finally translated this into a recommendation for a next generation network architecture to support QoS-enabled IP services rather than just the best-effort services of today.
- 2. Next generation DSL technology.** The collaborative effort to improve the test plan (TR-048) for performance requirements has advanced to reflect the current state of ADSL technology. In addition, significant work was undertaken on both the management and interoperability testing of VDSL, ADSL2 and ADSL2plus.
- 3. DSLHome™ support.** Work covered improved auto-configuration, residential gateway router definition and the associated LAN and WAN-side management.

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In addition to the above, the Technical Committee sought to move the industry beyond best-effort consumer DSL to help progress the use of DSL by business customers. This included producing TR-060 covering SHDSL interoperability and initiating work on SLAs for DSL. However, this does not mean that work is complete with respect to consumer-focused services. Interoperability continues to be a key industry requirement, especially to support the consumer retail model. There has been significant activity on enhancing the ADSL interoperability test plan (which underpins the ITL programme). A killer consumer application for DSL has turned out to be peer-to-peer applications. Consequently, the Technical Committee has begun initial work on examining the ways in which DSL networks can best support and cope with traffic of this nature.


Apart from the business as usual work on progressing Technical Reports to help guide the industry, members of the Technical Committee have been active in a number of "extra curricular" activities. These have included speaking on technically focused topics at the summit and contributing to BoF sessions on topics such as the Independent Testing Laboratory (ITL) programme, VoIP, Home Networking and Dynamic Spectrum Management.

The Technical Committee have been very active in interoperability events and associated demonstrations at industry trade shows. Our work has been very actively liaised to a number of other industry bodies to help unify approaches to broadband.

As we look forward to progress in 2004, work continues in a number of key areas:

- The next generation network architecture activities are now examining the actual requirements of key network elements such as the BRAS and also how to support video services and policy-based networking.
- The operations and network management work continues to ensure that the next generation architectures can be effectively operated, including the support for VDSL, ADSL2 and ADSL2plus.
- The Testing and Interoperability work will continue to support the ITL programme for a retail DSL modem service model.
- The DSLHome™ technical work will ensure that DSL services don't stop at the end of the access network but provide an effective end-to-end platform to transport broadband applications from source (e.g. server) to destination (e.g. PC, TV or games console).

In this context, we need to ensure that our work compliments that of other key industry bodies such as the Digital Home Working Group, UPnP Forum and BCD Forum.

A list of all Technical Reports and White Papers approved in 2003 is displayed on the back page of the annual report. 

Gavin Young
Technical Committee Chair
DSL Forum



MARKETING COMMITTEE ACHIEVEMENTS

In 2003, it was critical for the marketing efforts of the Forum to take on added significance. The marketing team met their goal to extend the DSL Forum's efforts in providing a strong positive DSL voice for the industry into more countries, more venues, and into increasingly consumer arenas around the world. We identified home networking as the key application with which to align, and through the DSLHome™ initiative, were able to stimulate media coverage, and industry marketing engagement like never before. As the broadband market really heated up in Europe, we launched the European Market Focus Group, which has provided a platform for great exchange regarding best practices, opportunity alignment, and market assessment across Europe.

Key accomplishments during the year include:

■ Public Relations

One of our most active and valuable communication tools was our Public Relations effort. Spreading the positive progress stories and technology/deployment advancements was a critical goal and the PR team excelled in delivery. Our association with Point Topic allowed us to establish the DSL Forum as the "source" for DSL subscriber figures, giving us an excellent international media/PR opportunity every quarter. We promoted the various plugfests, and the launch of the DSLHome™ campaign with great coverage results. Here are the highlights:

- Achieved coverage of 275 positive DSL Forum stories
- Issued 18 press releases put out in 33 region specific formats
- Negotiated special member consideration for and posted 65 new Analyst Reports
- Staged 2 Media Events at SUPERCOMM and Broadband World Forum Europe; our SUPERCOMM press conference was noted as the best attended, and covered conference at the show.
- Achieved coverage in 31 countries
- Averaged 60% trade publication coverage and 40% consumer publication coverage

■ European Market Focus Group

The European Market Focus Group kicked off in 2003, built on the increasing deployment and demand in Europe, and focused on developing a better understanding of the market conditions and opportunities in Europe. One of the highlights from this year's effort is a Broadband Drivers report developed for this group by Point Topic.

■ Best Practices and Summit / Birds of a Feather Sessions

The Summit program was revamped half-way through 2003, to incorporate a half-day format, now only taking place twice a year. This decision was made so that the DSLF could free up important time to work group activities, yet still provide benefits to the membership with BoF Sessions and Keynote Addresses.

2003 Summit/Keynote Address and Birds of a Feather Sessions:

Dallas (220 attendees)

Summit Sessions:

- ADSL 2: The Evolution of ADSL
- Emerging Network Architectures Drive Next Generation Services

Lisbon (170 attendees)

Summit Sessions:

- DSL Deployment Update and the Future of Broadband Appliances
- Service Provider Panel

Birds of a Feather Session – New Technologies

Boston (218 attendees)

Keynote Address:

- Partnering for Broadband Leadership:
Jim Brock, Senior Vice President Consumer Services, Yahoo!
- Birds of a Feather Session – Home Networking

Paris (182 attendees)

Summit Sessions:

- DSL Business Applications which Drive Revenue Generation
- ITL Program

Keynote Address:

- Beyond Internet Access: Services and Applications which Drive Mass Market:
Joseph Mouhanna, Manager, Microsoft Corporation
- Birds of a Feather Session - Advances in DSL: Dynamic Spectrum Management

■ DSLHome™-Marketing Working Group

The Deployment Council, recently replaced by the DSLHome™-

Marketing Working Group, made

great progress on key DSL enablers such as home networking, launching the "DSLHome™" initiative to develop user education, and a Media Plan targeted at the consumer with the message of DSL Home™ network superiority.



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MARKETING COMMITTEE ACHIEVEMENTS - *continued*

■ **SHDSL Working Group**

The SHDSL Working Group completed their mission to create robust information regarding SHDSL for the industry to use in technology promotion and educational efforts. They were very successful and all documents are currently available for member use as well as a source of education on the DSL Forum websites.

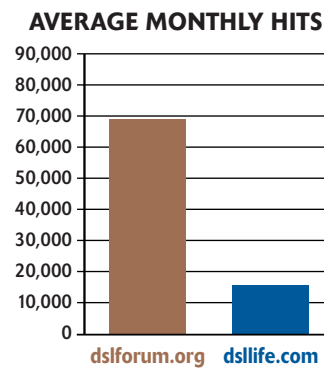
Created and approved:

- Symmetrical DSL White Paper
- SHDSL FAQ
- SHDSL Features Presentation

■ **Websites**

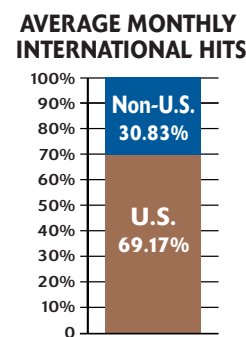
www.DSLForum.org

DSLForum.org site went through an amazing look and functionality update in 2003. Removing flash and freeing up space for new content, the front page became a valuable destination page for approximately 800,000 visitors in 2003. We revamped site navigation, and added valuable resources/links to member discounted analysts reports, timely DSL news from around the world, and a simplified but robust contribution engine. The new DSLHome section and the Independent Testing Laboratory (ITL) section for CPE qualification were two of the most actively visited sections.



www.DSLLife.com

The consumer based website of the DSL Forum grew as well, and is an educational source for consumers interested in understanding and getting the most out of their DSL. With nearly 200,000 hits in 2003, DSLLife.com is focused on bringing the most up to date DSL information to the user



■ **Service Provider Action Council**

The Service Provider Action Council was reinvigorated with new leadership, and provided a platform for Service Providers to have a cohesive voice into the Forum. New work surrounding Service Provider architecture requirements, and addressing peer-to-peer traffic were key topics for the meetings.

■ **Tradeshows**

The DSL Forum participated in three tradeshow/conferences in 2003: SUPERCOMM, Broadband World Forum Europe, and USTA Telecom'03. At each show we staged a Technology and Applications Information Center. We released our first Industry Resource Guide, which was in hot demand at each show.

The DSL Forum Ambassadors also presented in nine different conferences.

As noted, the marketing team's efforts have been extensive and by all accounts effective. "A global mass market for DSL" remains our vision. During 2002, we set an aggressive target; 200 million DSL subscribers, or 20 percent of the world's copper loops, running DSL by year-end 2005. Do we still have a shot at this target? I think so. In my humble opinion, 2003 was the tipping point for DSL.

The DSL Forum has made great strides towards helping to make DSL service widely available, easy to acquire, and simple to activate and use. This is where DSL Forum's technical work continues to have a major impact. DSL is clearly taking root around the world. With intense competition from other broadband technologies, the upcoming year will be a critical time for the DSL Forum's marketing efforts to take center stage.

Jay Fausch
Marketing Committee Chair
DSL Forum



DSL FORUM POSITION & OUTLOOK FOR 2004

The DSL Forum is recognized today as the voice of the global DSL industry. An ever-increasing number of standardization bodies and industry organizations are turning to our work as a basis for standards and continued initiative development, such as the DSLHome™ cooperative effort. The DSL Forum maintains formal relationships with many of organizations to expedite the adoption of DSL across the industry. Many in the media not only recognize the DSL Forum as the authority on broadband DSL access, but also on many other matters related to the business of broadband communications. This past year our relationship with Point Topic has resulted in the DSL Forum now being able to provide quarterly market penetration updates to members, the industry and media, which has greatly widened our scope to influence.

Moving forward, the DSL Forum has identified four strategic directives for 2004:

Develop the required support platform for emerging content and applications by:

- Aligning with ISPs, ASPs, and other industry forums

Build on our end-to-end architecture development considering:

- Conservation of capital, and network economics
- Support of content and other applications, e.g. triple play
- Leveraging relationships with other standards bodies
- Network evolution, e.g. VDSL, FSAN and convergent networks

Foster the DSL + home networking linkage for:

- Home Networking
- Interfaces to appliances
- CPE functionality, e.g. Residential Gateway

Broaden the interoperability of each DSL type for:

- Physical, ATM and upper layers

Only with the help of our diverse global membership base, can we accomplish these goals. These goals are not only to come up with solutions but also to continuously encourage recommendation adoption and industry support. This next year is the critical year where DSL will move beyond the realm of luxury to become a necessity to end users around the world.

It is clear that there are numerous challenges ahead that provide opportunities for members to get involved. We have actively positioned the DSL Forum as a key driver of DSL technical advancements, and market awareness. In parallel, we ensure that all stakeholders in this industry, as well as regulators, analysts and media, are kept well informed on what is going on in the DSL world in an unbiased and professional way.

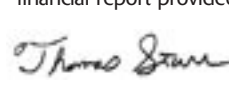
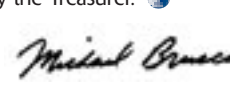

Setting the bar high and exceeding expectations of DSL among stakeholders and end users around the world is the governing factor to everything we do. Our goal of 200 million subscribers by year-end 2005 is central to all our decisions and initiatives that we will rollout in 2004. And with a combined technical and marketing effort at the DSL Forum, we are making great strides towards creating a shared platform of excellence to support this goal.

CONCLUSION

The DSL Forum Board of Directors would like to take this opportunity to thank the delegates of our member companies for their continued contributions to the successful work of the Forum and for their efforts in advancing DSL. We also thank them for their confidence in our officers and chairpersons. 2003 was a year to which the Forum and its members can take significant pride.

The DSL Forum has performed its tasks and duties in a professional and cooperative spirit in 2003. Its officers have made every effort to manage the Forum in the best interests of its members.

Therefore, the Board of Directors propose to the members present at the Annual Meeting, to accept this Annual Report and approve the financial report provided by the Treasurer.




 Tom Starr Michael Brusca David Greggains
 President & Chairperson Vice President, Strategy Vice President, Operations

DSL FORUM FINANCIAL REPORT

Our auditors, Blanding, Boyer & Rockwell, Certified Public Accountants, have audited the financial statements of DSL Forum. The following gives an overview over the key financial figures and indicators of DSL Forum.

Statement of Revenues, Expenses & Change in Membership Equity:

December 31	2002	2003
Revenues:		
Membership Dues	\$968,750	\$953,210
Meeting Fees	\$248,666	\$274,421
Sponsorship Fees	\$349,965	\$139,000
Investment Income	\$21,238	\$14,381
Other	\$610	\$380
	\$1,589,229	\$1,381,392
Expenses:		
Management Fees	\$439,175	\$355,000
Sales & Marketing	\$412,551	\$306,286
Consulting & Professional Fees	\$113,850	\$34,184
Meetings & Tradeshows	\$940,740	\$431,080
General & Administrative	\$134,436	\$101,521
	\$2,040,752	\$1,228,071
Increase in Membership Equity	(451,523)	\$153,321
Membership Equity, January 1st	\$1,401,284	\$949,761
Membership Equity, December 31st	\$949,761	\$1,103,082

Statement of Financial Position:

December 31	2002	2003
Current Assets		
Cash & Equivalents	\$548,666	\$439,938
Temporary Cash Investments	\$793,284	\$795,489
Accrued Interest	\$4,556	\$4,500
Due from Members, Net of Allowance	-	\$37,290
Prepaid Expenses	\$5,000	\$95,381
Total Current Assets	\$1,351,506	\$1,372,598
Current Liabilities		
Accounts Payable	\$84,695	\$16,266
Deferred Membership Fee Revenue	\$317,050	\$253,250
Total Liabilities	\$401,745	\$269,516
Membership Equity – Unrestricted	\$949,761	\$1,103,082
Total Liabilities & Membership Equity	\$1,351,506	\$1,372,598

PRINCIPAL CLASS

2Wire	Comtest Networks	L.E.A.	Siemens
Abocom Systems	Comtrend	Lattekom SIA	SMC Networks
ACACIA	Conexant	Laurel Networks	Sparnex
Actiontec Electronics	Consultronics	LSI Logic	Spirent Communications
ADC Telecommunications	Coppergate Communications	Lucent Technologies	Sprint
ADTRAN	Copper Mountain Networks	Marconi Communications	STMicroelectronics
Advanced Fibre Communications	CoSine Communications	MCI	Sumida
Aethra	Covad Communications	Metalink	Sumitomo Electric Industries
Alcatel	D-Link	Microsoft Corporation	Sun Microsystem
Ambit Microsystems	Deutsche Telekom	Mindspeed Technologies	SupportSoft
Analog Devices	EANTC AG	Motive	Suttle
ARESCOM, INC.	Earthlink, Inc.	Motorola	Symmetricom
Astri	East by North	NEC	Telecordia Technologies
AT&T Laboratories	ECI Telecom	Net.com	Tele Danmark
AVM	Elisa Communications	Net to Net Technologies	Telecom Italia
Aware	Entrisphere Inc.	Netgear	Telefonica Investigacion y Desarrollo
Aztech Systems	Ericsson	Netopia	Telenor
Be Connected Ltd.	Excelsus Technologies	Nexans	Telekom Austria
Bel Fuse	France Telecom	Next Level Communications	TeliaSonera AB
Belgacom	Fraunhofer-ESK	Nokia	Telindus
Bell Canada	Fujitsu	Nortel Networks	Tellabs
BellSouth Telecommunications	Gatespace AB	NTT Corporation	Teradyne
Bridgewater Systems	Gemtek Technology	Occam Networks	Texas Instruments
Broadcom	GlobespanVirata	Operax AB	Thomson Multimedia
BroadMAX Technologies	Gorham & Partners, Ltd.	Paradyne	Tollgrade Communications
Broadxent	Hellenic Telecommunications	Pedestal Networks	Toshiba Corporation
BT	HyperEdge Corporation	Phase Seven Laboratories	TUV Rheinland of N.A.
Bulldog Communications	Ikanos Communications	Pine-net	U.S. Robotics
Calix Networks	Incognito Software	PMC Sierra	Valo Systems
Catena Networks	Infinion Technologies	Quante AG	Verilink
Celite Systems	Infratel Communications	Qwest Communications	Verizon
Centillium Communications	Intel	Real Communications	Westell
CETECOM ICT Services	IPM Datacom	Redback Networks	Wilcom
Chunghwa Telecom Labs	ITRI	Samsung	XAVI Technologies
Cidco Communications Corporation	Juniper Networks	SBC	Xignal
Cisco Systems	Ki Consulting & Solutions	Schmid Telecommunication	
	KTL	SercoNet, Inc	

AUDITING CLASS

1-800 FAST DSL	CyberTAN Technology	KPN Telecom	SELTA SpA
4i2i	Delta Networks	KT Corporation	SmartLink Technologies
AccFast Technology Corp.	Draytek Corp.	Linksys	Sphairon
Acterna	E&E Magnetic Products Ltd.	Lite-On Technology	Sprint Canada
Aeta.com	Efficient Networks	Matav	Taicom International Inc.
Arcadyan Technology Corp.	ELCON Systemtechnik	Netgear	Teldat
Askey Computer	ETI	NextGen Tel	Telefonica CTC Chile
BI Technologies	Flextronics	Pacific Century Cyberworks	Vogt electronics AG
Celsian Technologies	Iskratel	Pirelli	Xilinx, Inc.
Cesky Telecom	ITI Limited	RAD Data Communicaitons	Yahoo
Cincinnati Bell Telephone Communications Test Design	Jungo	Realtek Semiconductors	ZTE Corporation
	Keymile	Sagem Group	Zyxel Communication

MEMBERSHIP LISTING - *continued*

ASSOCIATE CLASS

Communication Authority	Georgia Tech Broadband Institute	NTCA	Stanford University
Copper Development Assoc.	International Engineering Consortium	OPASTCO	University of New Hampshire
eCommerce Innovation Centre		Point Topic	

COMPLETE LISTING OF TECHNICAL REPORTS BY APPROVAL QUARTER

by Dallas, TX (February 10-13, 2003)

TR-055	Testing & Interoperability	ICS for ANSI T1.421 In-line Filters
TR-056	Architecture & Transport	Network Migration
TR-057	Operations & Network Management	VDSL Network Element Management

by Boston, MA (September 2-5, 2003)

TR-058	Architecture & Transport	Multi-Service Architecture & Framework Requirements
TR-059	Architecture & Transport	DSL Evolution - Architecture Requirements for the Support of QoS-Enabled IP Services

by Paris, France (November 10-13, 2004)

TR-060	Testing & Interoperability	Interoperability Test Plan for SHDSL
TR-061	Architecture & Transport	Interfaces and System Configurations for ADSL: Customer Premises
TR-062	Auto-Configuration	Auto-Configuration for the Connection Between the DSL Broadband Network Termination (B-NT) and the Network using ATM (TR-037 update)
TR-063	Operations & Network Management	Update to VDSL Network Element Management (TR-057)

COMPLETE LISTING OF WHITE PAPERS BY APPROVAL DATE

January 22, 2003	Symmetric DSL
March 25, 2003	ADSL2 AND ADSL2plus - The New ADSL Standards
November 28, 2003	DSL Forum Recognized ITL Technical Checklist
September 15, 2003	Public Policy Statement

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