

IEEE 802.3z

Gigabit Task Force

Agenda and General Information

Seattle, WA
2-Feb-1998

Agenda

- _ 1. P802.3z/D4 sponsor ballot results
- _ 2. Standards development timeline
- _ 3. Email reflector and ftp/web sites
- _ 4. Comment Resolution
- _ 5. Distribution of documents
- _ 6. “Big Ticket” items
- _ 7. Optics options
- _ 8. Sub Task Force breakouts
- _ 9. Disposition of comments
- _ 10. AOB
- _ 11. Plans for next meeting
- _ 12. Minutes from Montreal meeting

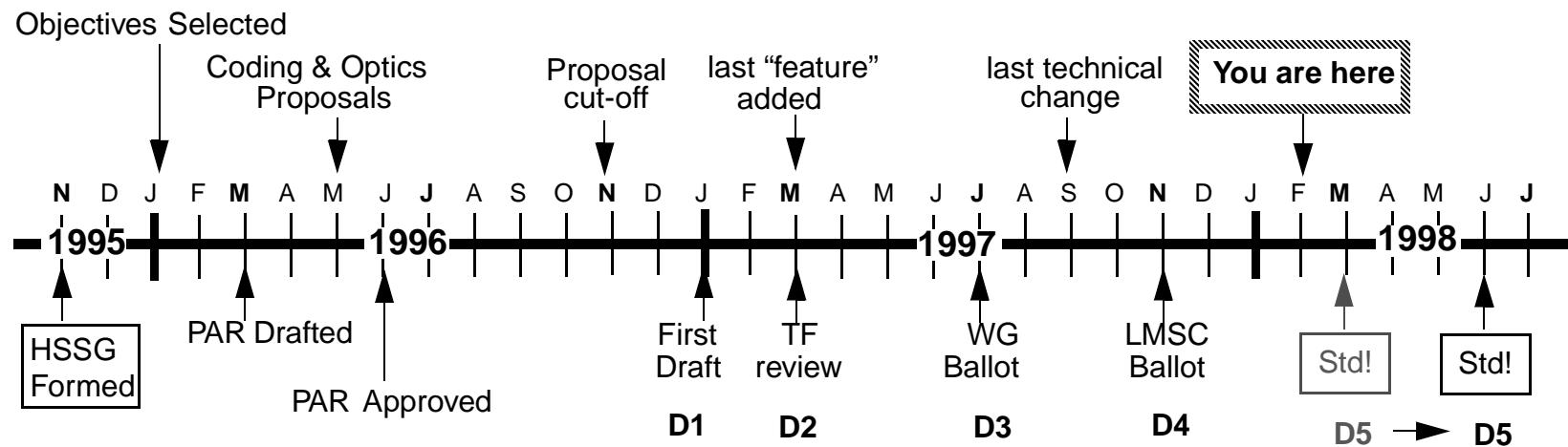
P802.3z/D4 sponsor ballot results

- Draft D4 posted 12 December and mailed for LMSC sponsor ballot
- Ballot closed 26 January

Voting members only	26 Jan	
Eligible voters in pool	147	
Return Rate Requirement	≥75%	
Returns Required	111	
Ballots Returned From Voters	113	
Return Rate	76%	
Approve Count (Approve + ApproveCom)	91	
Disapprove Count	9	
Approval Rate Requirement	≥75%	
Approval Rate	91%	
Abstain Rate Requirement	<30%	
Abstain Count	13	
Abstain Rate	11.5%	

- These are the statistics as reported by the IEEE Standards Office
- We have received “TR” comments from 16 individuals, including 3 ineligible voters

Standards development timeline



E-mail reflector

- The IEEE has set up a reflector for this task force:
stds-802-3-hssg@mail.ieee.org
- There are currently ~700 names/addresses on the reflector
- The reflector can be used for announcements, comments, discussions, or dissemination of information related to the work of this task force
- The reflector should not be used for recruiting, advertising, soliciting, flaming, or whining
- To be added to the reflector, send an E-mail containing the line
subscribe stds-802-3-hssg <your email address>
- to
majordomo@majordomo.ieee.org
- Subscriptions are on an individual basis only

No proxy requests or reflectors will be subscribed
- Reflectors for PMD and 1000BASE-T discussions
stds-802-3-z-pmd@mail.ieee.org
stds-802-3-1000base-t@mail.ieee.org

FTP/Web sites

- **The IEEE has established a web site for our use:**
 - <http://grouper.ieee.org/groups/802/3/z/>
- **We archive minutes, comments, and presentations on this site**
 - Format for minutes is ASCII text
 - Format for comment reports is PDF
 - Format for presentations is ASCII text or PDF

Comment resolution

Comment resolution is our raison d'être, and our modus operandi

- Break out into sub task force meetings to resolve comments
- Review responses drafted by sub task force chairs/editors
- Review work conducted off-line
- Reach consensus on responses

Responses must describe required changes to the draft in explicit detail

Stay focused and organized, and keep records carefully

- Major issues must be brought up before 802.3z on tuesday afternoon
- 802.3z will adopt formal disposition of comments on tuesday afternoon

Big Ticket Items

Description	Clause	CommentID	Status
include 10 bit interface in list of major interfaces	1	19	closed
lack of BER specification	Global	107	closed
counting of late collisions in interframe gap	4	123	closed
longstanding Pascal bugs	4	105	closed
alnRangeLengthErrors	30	220	closed
Rewrite to remove reference to Management Frame	22	24	closed
Restructure electrical interface text & tables	35	78	closed
“T4” legacy RX code point	35	108	closed
Inclusion of signal detect in an_sync_status	36, 37	34, 50, 51, 2	closed
Remote fault signaling	37	14	closed
Receiver BW	38	87, 100, 219	open
Link length for LX Comment	38	101, 214	closed
Power budget for LX on SMF	38	59	closed
Jitter budget is broken	38	221	open
50 um fiber bandwidth	38	15	closed
TDR test specification	39	58, 242	open
Signal detect threshold	39	4	closed
Type 1 vs Type 2 connector (one more time)	39	61	closed

Big Ticket Items

- **Still #1 after 22 weeks on the chart!**

Differential Mode Delay on MMF Comments #62, #241, #239

- Report from 1/15 and 1/20 MBI meetings
- Field test results
- Summary of comments against D4
- Discussion of options
- Plan for future work

Optics options

Description		802.3z Approval Date	LX SMF support	LX MMF support	SX MMF support
Follow the MBI plan					
1	TX conditioning, RX BW limit, new jitter budget	June/Sept 98	Yup	Yup	Yup
Re-allocate jitter, but don't change TX and RX interface specs					
2	Reduce distance for SX over MMF	June 98	Yup	Yup	Sorta
3	Spin SX off to new project	June 98	Yup	Yup	Nope
Minimal technical change, don't re-allocate jitter					
4	Reduce distance for SX and LX over MMF	March 98	Yup	Sorta	Sorta
5	Spin MMF off to new project	March 98	Yup	Nope	Nope

Yup = supported with link distances similar to draft D4

Nope = Not supported in 802.3z

Sorta = substantially reduced link distance

Plans for next meeting

- **IEEE 802 Plenary week 9-13 March, 1998**

- Hyatt Regency, Irvine, CA
- Continue work on MMF fiber issues
- Resolve comments from task force circulation
- need sunday all day meeting space for 60 for pmd
- need monday am meeting space for 60 for pmd

- **Interim meeting Thursday April 30th & Friday 1 May, 1998**

- PMD on Thursday, P802.3z on Friday
- Review final recommendations from MBI
- Prepare final draft of P802.3z for submission to RevCom
- Tentative offer from host in Boston, MA area
- Will 802.3ac, Trunking Study Group, and 802.1 wish to co-locate?