

IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet Task Force

Chief Editor's Report

Ilango Ganga, Intel
Editor-in-Chief, IEEE P802.3ba Task Force

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Editorial Team

Editor	Affiliation	Responsibilities
Ilango Ganga	Intel	Editor-in-Chief Editor – Clauses 1, 4, 80, Annexes A, 4A
Mark Gustlin	Cisco	Chair, Logic Sub-task Force Editor – Clauses 81, 82
Chris Di Minico	MC Communications	Chair, Copper Sub-task Force Editor – Clause 85
Pete Anslow	Nortel	Chair, Optical Sub-task Force Editor – Clause 88
Hugh Barrass	Cisco	Editor – Clauses 30, 45
Arthur Marris	Cadence	Editor – Clauses 69, 73, 74, 84, Annexes 69A, 69B
Steve Trowbridge	Alcatel-Lucent	Editor – Clause 83, Annex 83C
Ryan Latchman	Gennum	Editor – Annexes 83A, 83B
Piers Dawe	Avago Technologies	Editor – Clause 86
Jonathan King	Finisar	Editor – Clause 87



Current status

- Editorial team released P802.3ba-D1.2 for task force review from Feb 10 to Feb 26, 2009
 - Draft 1.2 meets all objectives, and the task force addressed all known TBDs in D1.1 during Jan'09 interim
- Draft 1.2 was released to WG preview on Feb 16th, 2009
 - Required for requesting WG ballot during closing Plenary
- Draft 1.2: Received a total of 140 review comments
 - T/TR comments: 104
 - E/ER comments: 36
- Thanks to the Editorial team, volunteers and contributors for your efforts in releasing the Draft 1.2



D1.2 Comments report

Description	Clause	Editor	T/TRs	E/ERs	Total
Front matter, MAC, 40G & 100G Intro	00, 01, A, 4, 4A, 80, 99	Ilango Ganga	1	0	1
Management	30, 45	Hugh Barrass	2	0	2
RS/MII and PCS	81, 82	Mark Gustlin	6	0	6
PMA	83, 83C	Steve Trowbridge	4	0	4
XLAUI/CAUI	83A	Ryan Latchman	20	15	35
XLAUI/CAUI module	83B	Ryan Latchman	18	0	18
Backplane KR4 related	69, 69A, 69B, 73, 74, 84	Arthur Marris	2	0	2
Copper CR4 & CR10	85	Chris Di Minico	27	6	33
Optical SR4 & SR10	86	Piers Dawe	17	8	25
Optical 40G LR4	87	Jonathan King	2	5	7
Optical 100G LR4 & ER4	88	Pete Anslow	5	2	7
Total comments			104	36	140

* Comments received on the clauses/annexes highlighted in blue



Top meeting goals

- Resolve all opens to generate a Technically complete draft
- Resolve/respond to all comments received on D1.2
 - Hear presentation materials that address technical completeness
 - Review all T/TRs and E/ERs in the meeting
 - Review, if there are any, comments from 802.3 WG preview of D1.2
 - Both T and TRs will be treated with same status, no signoff needed
- Close all technical opens, if any, in this meeting and request Working Group to go for WG ballot in Mar '09
 - Generate D2.0 and compare draft (D2.0 to D1.3) to be reviewed by the WG in the closing plenary on Thu
 - Request for WG ballot



D1.2 Comment review

- The task force will meet in a single track after the opening business on Tue for comment resolution
- The plan is to review comments in the order of clause numbers
 - The order is subject to change based on the task force review process, so any comments may be taken up during the comment resolution
 - A group of comments from different clauses may be resolved together
- Presentations in support of comments will be heard as part of comment resolution when appropriate comments are taken up for review



Supporting material

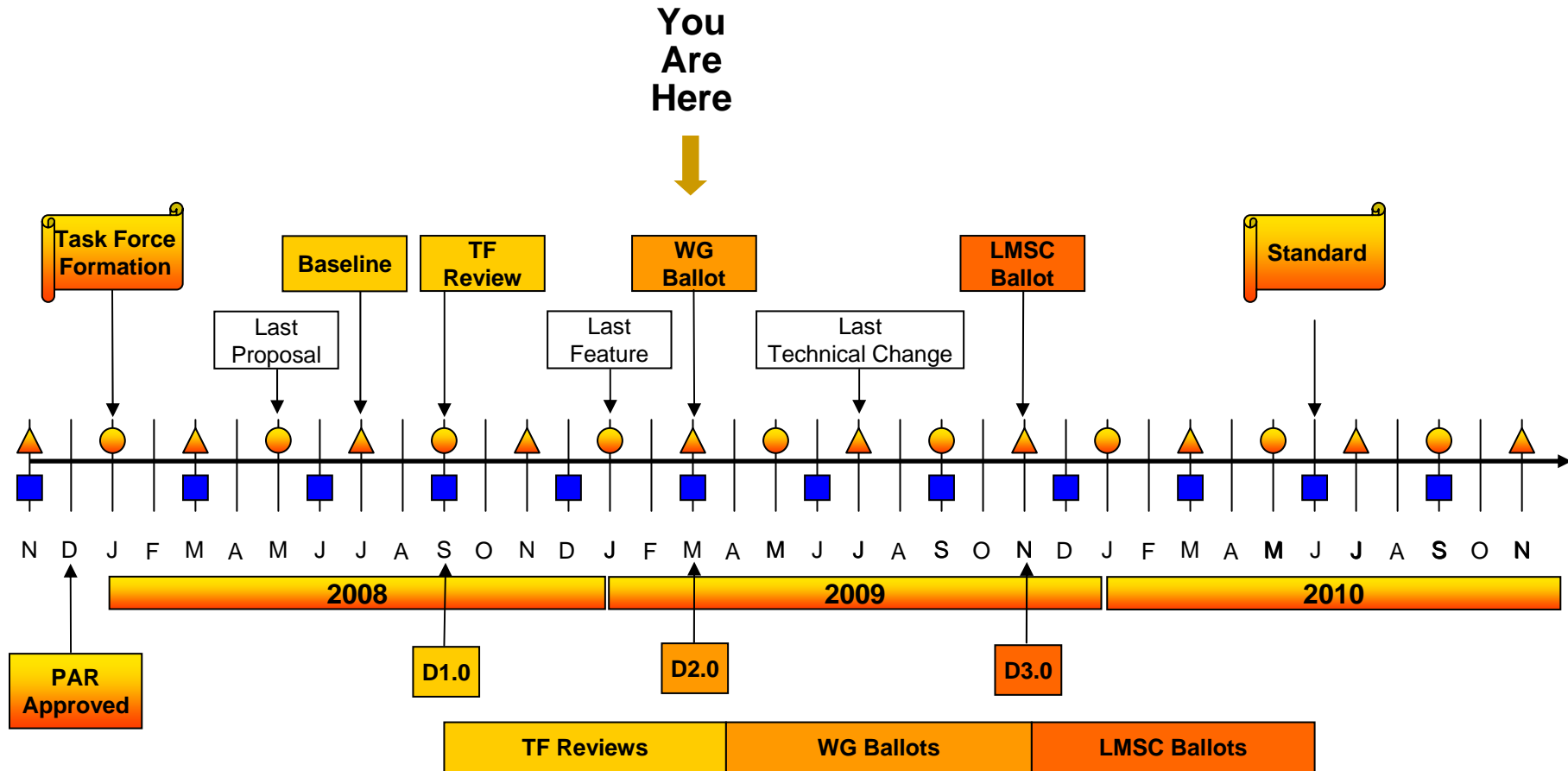
- Comment #107 (Clause 45) and #111 (Clause 83)
 - Improved PRBS testing, Dawe P. (dawe_01_0309)
- Comment #138-139 (Annex 83A), #140 (Clause 85), #135-137 (Clause 86),
 - Differential to common mode conversion for 40GBASE-R and 100GBASE-R, Chang Y.F., Wu C.B. (chang_01_0309)
- Comment #78, (Clause 85), #7 (Clause 83A)
 - TP3 Specifications for CR4/CR10, Ghiasi A., Telang V., Valliappan M. (ghiasi_01_0307)
- Comments #63-64, #67-68, #71-72 (Annex 83B)
 - Refinement to XLAUI/CAUI Electrical Specifications, Ghiasi A. (ghiasi_02_0307)
- Comments #97 (Clause 86)
 - Systematic TX eye mask definition, Petrilla J. (petrilla_01_0309)



Comments on Clauses 86, 87 & 88

- Comments #[38, 48, 55], #[39, 49, 56] on IEC references
- Comments #[50, 30, 47, 51, 52, 53, 54] on bend insensitive fiber
- Comments #[135, 136] on differential to common mode conversion
 - #135, 136, supporting material: chang_01_0309
- Rest of T/TRs for clauses 86, 87 & 88 in order of page, line
 - #97, supporting material: petrilla_01_0309

IEEE P802.3ba Task Force Timeline



* Adopted by IEEE P802.3ba TF at March 08 Plenary

- Legend**
- ▲ IEEE 802 Plenary
 - IEEE 802.3 Interim
 - IEEE-SA Standards Board

Proposed schedule for initial WG ballot

	Jul Plenary	Mon-Thu	Jul 14-18	Done
Draft 0.9	Proposed Baseline draft available to TF for review	Mon	25-Aug-08	Done
	Sep' 08 Interim (Baseline draft adopted by TF)	Tue-Fri	Sep 15-19 3 weeks	Done
Draft 1.0	Initial Task force review (open for TF comments)	Fri	1-Oct-08	Done
	Initial Task force review – (TF comment period ends)	Thu	30-Oct-08 30 days	Done
	Nov'08 Plenary	Mon-Thu	Nov 9-14	Done
Draft 1.1	First TF recirculation – (Open for TF comments)	Tue	9-Dec-08	Done
	First TF recirculation – (TF comment period ends)	Mon	29-Dec-08 3 weeks	Done
	Jan interim	Tue-Fri	Jan 12-16	Closed known technical opens
Draft 1.2	Second TF recirculation – (Open for TF comments)	Fri	10-Feb-09	Done
	Second TF recirculation – (TF comment period ends)	Thu	26-Feb-09 2 weeks	Done
	Initial Working Group ballot – pre circulation (D1.2)	Mon	23-Feb-09	Done
D2.0	March '09 Plenary (Review changes from D2.0 to D1.2 with WG)	Mon-Thu	March 9-12	Request for WG ballot
Draft 2.0	Initial working group ballot – opens	Fri	12-Mar-09	
	Initial working group ballot - closes	Thu	16-Apr-09 35 days	
	May 09 interim* (The meeting dates are estimated)	Tue-Fri	TBA	



Summary

- Resolve all opens in the meeting to generate a Technically complete draft
- Generate D2.0 and compare draft (D2.0 to D1.3) to be reviewed by the WG in the closing Plenary on Thu
- Request to go to WG ballot