C/ 167 SC Table 16	7-7 P51	L 27	# 1	C/ 167.1	SC Table	67-15	P 62	L 44	# 4
Swanson, Steven	Corning Incor	porated		Swanson, S	Steven		Corning Incor	rporated	
Comment Type E	Comment Status X			Comment	Type ER	Com	ment Status D		
The TDECQ is the sar	ne for both variants.					60793-2-	10 will be published I	before 802.3db.	Therefore, there is no
SuggestedRemedy					or footnote "f.'				
Merge cells.				Suggested	-	a amandr	nent to IEC 60793-2	10 just undetes	the energification to
Proposed Response	Response Status W								on of the OM3, OM4
DISCUSS							values for zero dispe		
TDECQ (max) is show different filters.	n in separate cells for VR and	d SR links becau	use it is measured with	compli	ant to previou	s versions	of IEC 60793-2-10 a ed for footnote "f."		. OM3 and OM4 fibers t to the revised
C/ 167 SC Table 16	7-7 <i>P</i> 51	L29	# 2	Proposed I	Response	Resp	onse Status 🛛 🛛 🛛 🛛 🛛 🖉		
			# <u>∠</u>		OSED ACCEI	PT IN PRIN	ICIPLE.		
Swanson, Steven	Corning Incor Comment Status X	porated		Revise	e footnote f.				
Comment Type E The TECQ is the same				See als	so response t	comment	s #132 and 197		
SuggestedRemedy				C/ 167	SC 167.10	.2.2.2	P 63	L 6	# 5
Merge cells.				Swanson, S	Steven		Corning Incor	rporated	
Proposed Response	Response Status W			Comment	Type TR	Com	ment Status D		
DISCUSS along with r	esponse to comment #1.				aximum discre ification for Al			for PC connecto	ors; we need to include
C/ 167 SC Table 16	7-7 P51	L 43	# 3	Suggested	IRemedy				
Swanson, Steven	Corning Incor	porated		Replac		_			
Comment Type ER	Comment Status D			"The m	naximum disci	ete reflecta	ance shall be less th	an –20 dB."	
Encircled flux is a requ	irement for the transmitter.			with:					
SuggestedRemedy					naximum disci B for APC cor		ance shall be less th	an –20 dB for P0	C connectors and –35
Replace:		4 50 mm ('h m '		Proposed I			onse Status W		
61280-1-4."	A1a.2 or type A1a.3, or A1a.	4, 50 µm fiber, li	h accordance with IEC		OSED ACCEI	,			
with: "When measured into	type A1a.2 or type A1a.3, or	A1a.4, 50 µm fit	per, in accordance with	Replac	ce the sentend	e with			
IEC 61280-1-4."		•					ance shall be less th		ysical contact
Proposed Response	Response Status W			connec	ctors and –45	dB for ang	led physical contact	connectors"	
PROPOSED ACCEPT									

C/FM SC FM	P1	L 27	# 6	C/FM SC FM	P10	L 36	# 9
Parsons, Earl	CommScope			Parsons, Earl	CommScope		
Comment Type E 802.3ct and 802.3cp	Comment Status D have been added to D2.1 of 802	.3dc	Bucket	Comment Type E Changes were ma	Comment Status D de in D2.1 of 802.3dc		Bucke
SuggestedRemedy Include 802.3ct-2021	1 and 802.3cp in this list			SuggestedRemedy Update this parage	raph to match latest draft of 802.3do	0	
Proposed Response PROPOSED ACCEF	Response Status W PT.			Proposed Response PROPOSED ACC	Response Status W		
C/FM SC FM	P1	L 37	# 7	C/FM SC FM	P12	L1	# 10
Parsons, Earl	CommScope			Parsons, Earl	CommScope		
Comment Type E Should say Working review?	Comment Status D Group instead of Task Force. Do	we need to sa	<i>Bucket</i> y ballot instead of	Comment Type E Extra blank page	Comment Status D		Bucke
SuggestedRemedy				SuggestedRemedy remove			
Correct				Proposed Response	Response Status W		
Proposed Response PROPOSED ACCEF	Response Status W PT IN PRINCIPLE.			PROPOSED ACC			
Correct front matter i	in future drafts for Working Group	Review		C/ 1 SC 1.4.1	136a P19	L 1	# 11
See comment #74				Parsons, Earl	CommScope		
See comment #74							
	P 9	L 17	# 8	Comment Type E	Comment Status D		Bucke
C/ FM SC FM	P 9 CommScope	L17	# 8	Extra blank page	Comment Status D		Bucke
		L17	# 8Bucket	Extra blank page	Comment Status D		Bucke
C/ FM SC FM Parsons, Earl Comment Type E D2.1 of 802.3dc mov paragraph and added	CommScope	le was change	Bucket	Extra blank page	Response Status W		Bucke
CI FM SC FM Parsons, Earl Comment Type E D2.1 of 802.3dc mov paragraph and added an Ethertype to spec SuggestedRemedy	CommScope Comment Status D ved sentence starting with "The ti d "and the ability to use cify the MAC client protocol were	le was change	Bucket	Extra blank page SuggestedRemedy remove Proposed Response PROPOSED ACC	Response Status W	L51	
Cl FM SC FM Parsons, Earl Comment Type E D2.1 of 802.3dc mov paragraph and added an Ethertype to spec SuggestedRemedy Update this paragrap	CommScope Comment Status D ved sentence starting with "The til d "and the ability to use cify the MAC client protocol were	le was change	Bucket	Extra blank page SuggestedRemedy remove Proposed Response PROPOSED ACC Cl 78 SC 78.1.	Response Status W EPT. .4 P25	L51	Bucke # 12
Cl FM SC FM Parsons, Earl Comment Type E D2.1 of 802.3dc mov paragraph and added an Ethertype to spec SuggestedRemedy Update this paragrap	CommScope Comment Status D ved sentence starting with "The til d "and the ability to use cify the MAC client protocol were oh to match latest draft of 802.3de Response Status W	le was change	Bucket	Extra blank page SuggestedRemedy remove Proposed Response PROPOSED ACC	Response Status W EEPT. .4 P25 CommScope Comment Status D	L51	
Cl FM SC FM Parsons, Earl Comment Type E D2.1 of 802.3dc mov paragraph and added an Ethertype to spec SuggestedRemedy Update this paragrap Proposed Response	CommScope Comment Status D ved sentence starting with "The til d "and the ability to use cify the MAC client protocol were oh to match latest draft of 802.3de Response Status W	le was change	Bucket	Extra blank page SuggestedRemedy remove Proposed Response PROPOSED ACC Cl 78 SC 78.1. Parsons, Earl Comment Type E	Response Status W EEPT. .4 P25 CommScope Comment Status D	L51	# 1 <u>2</u>

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

CI 78 SC 78.	1.4 P26	L1	# 13	C/ 91	SC 91.7.4.2	P 33	L 32	# 17
Parsons, Earl	CommScope			Parsons, Ea	arl	CommScope		
Comment Type E Extra blank page			Bucket	Comment T Change	<i>ype</i> E cross reference	Comment Status D		Bucke
SuggestedRemedy				SuggestedF	Remedy			
remove				Switch	to external cross	s reference to Clause 91.5.3.3		
Proposed Response	Response Status W			Proposed R	Response	Response Status W		
PROPOSED AC	CEPT.				OSED ACCEPT cross reference	IN PRINCIPLE. to Clause 91.5.3.3		
CI 80 SC 80.	1.1 P28	L10	# 14	C/ 91	SC 91.7.4.2	P33	L 43	# 18
Parsons, Earl	CommScope			Parsons, Ea	-	CommScope	240	10
Comment Type E Fix cross referen			Bucket	Comment T		Comment Status D		Bucke
SuggestedRemedy				Suggested		-		
change "Clause				00		s reference to Clause 91.5.3.3		
Proposed Response PROPOSED AC	Response Status W			Proposed R PROPC	Response DSED ACCEPT	Response Status W		
C/ 91 SC 91.	7.3 P32	L 27	# 15	Switch	cross reference	to Clause 91.5.3.3		
^o arsons, Earl	CommScope			C/ 91	SC 91.7.4.2	P 34	L 5	# 19
Comment Type E Change cross ret			Bucket	Parsons, Ea Comment T		CommScope Comment Status D		Bucke
SuggestedRemedy					e cross reference			Buone
,	al cross reference to Clause 91.5.3.	3.1		Suggested				
Proposed Response	Response Status W				•	s reference to Clause 91.5.3.3		
	CEPT IN PRINCIPLE. Prence to Clause 91.5.3.3.1			Proposed R PROPC	esponse SED ACCEPT	Response Status W IN PRINCIPLE.		
C/ 91 SC 91.	7.4.1 P33	L12	# 16	Switch	cross reference	to Clause 91.5.3.3		
Parsons, Earl	CommScope							
Comment Type E Change cross ret			Bucket					
SuggestedRemedy								
Switch to externa	al cross reference to Clause 91.5.2.	7						
Proposed Response	Response Status W							
, ,	Response Status W	reference to Cla	ause 91.5.2.7					

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 116 SC 116	P 36	L 32	# 20	C/ 167 SC 167.1	P 42	L 37	# 24
Parsons, Earl	CommScope			Parsons, Earl	CommScope		۲ ۰ ۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰
Comment Type E Fix cross reference	Comment Status D		Bucket	Comment Type E Change cross reference	Comment Status D		Buck
SuggestedRemedy				SuggestedRemedy			
change "Clause 167" to	"167"			Switch to internal cross re	ference to Clause 81		
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response PROPOSED ACCEPT.	Response Status W		
C/ 116 SC 116.1.4	P 37	L18	# 21	C/ 167 SC 167.1	P 42	L 38	# 25
Parsons, Earl	CommScope			Parsons, Earl	CommScope		
Comment Type E Fix cross reference	Comment Status D		Bucket	Comment Type E Change cross reference	Comment Status D		Bucke
SuggestedRemedy change "Clause 167" to	"167"			SuggestedRemedy Switch to internal cross rel	ference to 80.2		
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response PROPOSED ACCEPT.	Response Status W		
C/ 116 SC 116.1.4	P 37	L 23	# 22	C/ 167 SC 167.1	P 42	L 39	# 26
Parsons, Earl	CommScope			Parsons, Earl	CommScope		
Comment Type E SR4.2 shouldn't be unde	Comment Status D erlined		Bucket	Comment Type E Change cross reference	Comment Status D		Bucke
SuggestedRemedy remove underline from 4	400GBASE-SB4 2			SuggestedRemedy Switch to internal cross rei	ference to Clause 116		
Proposed Response	Response Status W				Response Status W		
PROPOSED ACCEPT.				PROPOSED ACCEPT.			
C/ 167 SC 167.1	P 41	L16	# 23	C/ 167 SC 167.1	P 42	L 39	# 27
Parsons, Earl	CommScope			Parsons, Earl	CommScope		
Comment Type E Change cross reference	Comment Status D		Bucket	Comment Type E Change cross reference	Comment Status D		Bucke
SuggestedRemedy Switch to internal cross	reference to Clause 45			SuggestedRemedy Switch to internal cross rei	ference to 116.2		
Proposed Response	Response Status W						
				r i oposeu nesponse	Response Status W		

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 167 SC 167.1	P 42	L 43	# 28	C/ 167 SC 167.3.2.1 P45 L52 # 32
Parsons, Earl	CommScope			Parsons, Earl CommScope
Comment Type E Change cross reference	Comment Status D		Bucket	Comment Type E Comment Status D Buck Change cross reference
SuggestedRemedy				SuggestedRemedy
Switch to internal cross	reference to Clause 78			Switch to internal cross reference to Clause 45
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response Response Status W PROPOSED ACCEPT.
C/ 167 SC 167.1	P 42	L 46	# 29	C/ 167 SC 167.10.2.2 P62 L40 # 33
Parsons, Earl	CommScope			Parsons, Earl CommScope
Comment Type E Change cross reference	Comment Status D		Bucket	Comment Type T Comment Status D Footnote e is too long
SuggestedRemedy				SuggestedRemedy
Switch to internal cross	s reference to Clause 1			streamline the EMB information in this table and footnote
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.
C/ 167 SC 167.1	P 43	L13	# 30	Discuss
arsons, Earl	CommScope			See also response to comments #43 and 131
Comment Type E Diagram has some issu	Comment Status D		Bucket	C/ 00 SC 0 P13 L2 # 34
SuggestedRemedy				Ghiasi, Ali Ghiasi Quantum/Marvell
	een GMII and PCS boxes			Comment Type ER Comment Status D Page hyperlink is not working
Proposed Response	Response Status W			SuggestedRemedy
PROPOSED ACCEPT Clean up these boxes	IN PRINCIPLE.			Please fix the hyperlink to page#
× 167 SC 167.3.2.1	P 45	L33	# 31	Proposed Response Response Status W
arsons, Earl	CommScope	200		PROPOSED ACCEPT IN PRINCIPLE.
Comment Type E Change cross reference	Comment Status D		Bucket	These links appear to work in Adobe and Chrome. Investigate if there is a problem with Apple Preview
SuggestedRemedy	s reference to Clause 116.5			
Proposed Response PROPOSED ACCEPT.	Response Status W			
	d ED/aditorial required CD/a			Commont /D 24 Dage 5 of 47

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

00	SC O	P 0	L 2	# 35	C/ 167	SC 167		P 41	L 2	# 38
hiasi, Ali		Ghiasi Quantu	um/Marvell		Ghiasi, Ali		G	Shiasi Quant	um/Marvell	
omment 1	Type ER	Comment Status D			Comment	Type ER	Comment Sta	atus D		
Hyperli	ink to from sideb	par table of content not workir	ng		The da	ash between the	PMDs is missing	9		
uggestedl	Remedy				Suggested	lRemedy				
Please	sidebar hyperlin	nk							R1, etc. Why is	the title in the table
oposed F	Response	Response Status W					itle on this page?			
	OSED ACCEPT	-			Proposed I	,	Response Sta	atus W		
These	inks do appear to links appear to v Preview	o work in D2.0. work in Adobe and Chrome. I	Investigate if the	re is a problem with	The hy in Clau	phens are prese use 167 title. Als	FIN PRINCIPLE. ent in the PMD na so TOC has the sa sue with Apple Pro	ame title as t	the Clause (TOC	C is generated by FM
/ 167	SC 167.7.1	P 52	L 23	# 36	C/ 16	SC 16.7.1		P 51	L24	# 39
niasi, Ali		Ghiasi Quantu	um/Marvell		Ghiasi. Ali	00 10.7.1	G	hiasi Quant		# 39
omment 7		Comment Status D			Comment	Type TR	Comment Sta			
		f -12 combined with -20 dB re e, 2 connectors at 20 dB rest					display symbols		Preview	
trancm										
	B, and 4 connect		uit in 14 ub RL, 3			01		doing rippio		
10.7 dE	B, and 4 connect		uit iii 14 ud KL, 3		Suggested	IRemedy		0 11		
10.7 dE <i>Iggestedl</i>	3, and 4 connect <i>Remedy</i>				Suggested Please	Remedy correct when the	here is a fix from <i>i</i>	Adobe		
10.7 dE <i>Iggestedl</i> One op plant, s	B, and 4 connect <i>Remedy</i> ption is to increas simpler option is	tors in 8.4 dB. se cable plant RL to 26 dB bu to require 20 dB RL for the re	ut that require po	ossibly replacing cable	Suggested Please Proposed I	Remedy correct when th Response	here is a fix from <i>i</i> Response Sta	Adobe		
10.7 dE uggestedi One op plant, s tolerand	B, and 4 connect Remedy bition is to increas simpler option is ce for the transm	tors in 8.4 dB. se cable plant RL to 26 dB bu to require 20 dB RL for the re nitter.	ut that require po	ossibly replacing cable	Suggested Please Proposed I PROPO	Remedy correct when th Response	here is a fix from <i>i</i> Response Sta F IN PRINCIPLE.	Adobe		
10.7 dE uggestedi One op plant, s tolerand roposed F	3, and 4 connect <i>Remedy</i> otion is to increas simpler option is ce for the transn <i>Response</i>	tors in 8.4 dB. se cable plant RL to 26 dB bu to require 20 dB RL for the re nitter. <i>Response Status</i> W	ut that require po	ossibly replacing cable	Suggested Please Proposed I PROPO Check	Remedy correct when th Response OSED ACCEPT for a workarour	here is a fix from <i>i</i> Response Sta F IN PRINCIPLE.	Adobe atus W		//
10.7 dE uggested One op plant, s tolerand roposed F PROPO	B, and 4 connect Remedy bition is to increas simpler option is ce for the transm	tors in 8.4 dB. se cable plant RL to 26 dB bu to require 20 dB RL for the re nitter. <i>Response Status</i> W	ut that require po	ossibly replacing cable	Suggested Please Proposed I PROPO Check Cl 167	IRemedy correct when th Response OSED ACCEPT	here is a fix from <i>i</i> <i>Response Sta</i> F IN PRINCIPLE. nd in FM.	Adobe atus W	L 44	# [40
10.7 dE gggestedi One op plant, s tolerand oposed F PROPO Review	3, and 4 connect Remedy otion is to increas simpler option is ce for the transn Response OSED ACCEPT y presentation	tors in 8.4 dB. se cable plant RL to 26 dB bu to require 20 dB RL for the re nitter. <i>Response Status</i> W IN PRINCIPLE.	ut that require po eceiver and keep	ossibly replacing cable o the current 12 dB	Suggested Please Proposed I PROPO Check C/ 167 Ghiasi, Ali	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2	here is a fix from <i>μ</i> <i>Response Sta</i> Γ IN PRINCIPLE. nd in FM. G	Adobe atus W P53 Ghiasi Quantu	L 44	# [40
10.7 dE ggested/ One op plant, s tolerand pposed F PROPC Review	3, and 4 connect <i>Remedy</i> otion is to increas simpler option is ce for the transn <i>Response</i> OSED ACCEPT	tors in 8.4 dB. se cable plant RL to 26 dB bu to require 20 dB RL for the re nitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14	ut that require po eceiver and keep L14	ossibly replacing cable	Suggested Please Proposed I PROP Check Cl 167 Ghiasi, Ali Comment	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR	here is a fix from A Response Sta F IN PRINCIPLE. nd in FM. G Comment Sta	Adobe atus W P53 Ghiasi Quantu atus X	L 44 um/Marvell	
10.7 dE ggested/ One op plant, s toleran- oposed F PROPC Review 00	3, and 4 connect Remedy otion is to increas simpler option is ce for the transm Response OSED ACCEPT presentation SC 0	tors in 8.4 dB. se cable plant RL to 26 dB but to require 20 dB RL for the re nitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14 Ghiasi Quantu	ut that require po eceiver and keep L14	bssibly replacing cable p the current 12 dB # 37	Suggested Please Proposed I PROP Check Cl 167 Ghiasi, Ali Comment It was	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR	here is a fix from A Response Sta F IN PRINCIPLE. nd in FM. G Comment Sta	Adobe atus W P53 Ghiasi Quantu atus X	L 44 um/Marvell	# 40
10.7 dE ggested/ One op plant, s toleran- posed F PROPC Review 00 iasi, Ali mment 1	3, and 4 connect Remedy btion is to increas simpler option is ce for the transn Response OSED ACCEPT y presentation SC 0 Type ER	tors in 8.4 dB. se cable plant RL to 26 dB bu to require 20 dB RL for the re nitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14 Ghiasi Quantu <i>Comment Status</i> D	ut that require po eceiver and keep <i>L</i> 14 um/Marvell	bssibly replacing cable to the current 12 dB # <u>37</u> Bucket	Suggested Please Proposed I PROPO Check C/ 167 Ghiasi, Ali Comment T It was cost. https://	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR shown that TDE /www.ieee802.0	here is a fix from / Response Sta F IN PRINCIPLE. nd in FM. G Comment Sta ECQ with MMSE is	Adobe atus W P53 Ghiasi Quantu atus X s accurate a	L 44 um/Marvell ind reduce test ti	
10.7 dE ggested/ One op plant, s toleran- oposed F PROPC Review 00 niasi, Ali mment 7 Incorre	3, and 4 connect Remedy btion is to increase simpler option is ce for the transm Response OSED ACCEPT opresentation SC 0 Type ER act title for 167, P	tors in 8.4 dB. se cable plant RL to 26 dB but to require 20 dB RL for the re nitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14 Ghiasi Quantu <i>Comment Status</i> D Physical Medium Dependent	ut that require po eceiver and keep <i>L</i> 14 um/Marvell (PMD) sublayer	# <u>37</u> Bucket and medium, type	Suggested Please Proposed I PROPO Check C/ 167 Ghiasi, Ali Comment T It was cost. https://	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR shown that TDE	here is a fix from / Response Sta F IN PRINCIPLE. nd in FM. G Comment Sta ECQ with MMSE is	Adobe atus W P53 Ghiasi Quantu atus X s accurate a	L 44 um/Marvell ind reduce test ti	
10.7 dE ggested/ One op plant, s tolerand oposed F PROPC Review 00 niasi, Ali Incorre 100GB	3, and 4 connect Remedy btion is to increase simpler option is ce for the transm Response OSED ACCEPT opresentation SC 0 Type ER act title for 167, P	tors in 8.4 dB. se cable plant RL to 26 dB but to require 20 dB RL for the re- nitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14 Ghiasi Quantu <i>Comment Status</i> D Physical Medium Dependent (GBASE-VR2, 23 400GBASE-	ut that require po eceiver and keep <i>L</i> 14 um/Marvell (PMD) sublayer	# <u>37</u> Bucket and medium, type	Suggested Please Proposed I PROPO Check C/ 167 Ghiasi, Ali Comment T It was cost. https://	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR shown that TDE (www.ieee802.o ghiasi_802.3db_	here is a fix from / Response Sta F IN PRINCIPLE. nd in FM. G Comment Sta ECQ with MMSE is	Adobe atus W P53 Ghiasi Quantu atus X s accurate a	L 44 um/Marvell ind reduce test ti	
10.7 dE ggested/ One op plant, s tolerani oposed F PROPC Review 00 niasi, Ali Incorre 100GB SR2, al	3, and 4 connect <i>Remedy</i> ption is to increase simpler option is ce for the transm <i>Response</i> OSED ACCEPT or presentation <i>SC</i> 0 <i>Type</i> ER ext title for 167, P ASE-VR1, 200G nd 400GBASE-S	tors in 8.4 dB. se cable plant RL to 26 dB but to require 20 dB RL for the re- nitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14 Ghiasi Quantu <i>Comment Status</i> D Physical Medium Dependent (GBASE-VR2, 23 400GBASE-	ut that require po eceiver and keep <i>L</i> 14 um/Marvell (PMD) sublayer	# <u>37</u> Bucket and medium, type	Suggested Please Proposed I PROPO Check C/ 167 Ghiasi, Ali Comment It was cost. https:// 2021/g Suggested MMSE	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR shown that TDE www.ieee802.o ghiasi_802.3db_ IRemedy is representative	here is a fix from / Response Sta F IN PRINCIPLE. ad in FM. G Comment Sta ECQ with MMSE is rg/3/db/public/Set 01_092321.pdf	Adobe atus W P53 Shiasi Quantu atus X s accurate a ptember-09- r and a full gi	<i>L</i> 44 um/Marvell nd reduce test ti September-29- rid search may p	me and associated to be a constructed to be constructed to be constructed to be a cons
10.7 dE ggested/ One op plant, s tolerand posed F PROPO Review 00 iasi, Ali mment 7 Incorre 100GB SR2, al	3, and 4 connect Remedy btion is to increas simpler option is ce for the transm Response OSED ACCEPT v presentation SC 0 Type ER act title for 167, P ASE-VR1, 200G nd 400GBASE-S Remedy	tors in 8.4 dB. se cable plant RL to 26 dB buto to require 20 dB RL for the re- nitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14 Ghiasi Quantu <i>Comment Status</i> D Physical Medium Dependent GBASE-VR2, 23 400GBASE- SR441	ut that require po eceiver and keep <i>L</i> 14 um/Marvell (PMD) sublayer	# <u>37</u> Bucket and medium, type	Suggested Please Proposed I PROPO Check Cl 167 Ghiasi, Ali Comment It was cost. https:// 2021/g Suggested MMSE better,	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR shown that TDE www.ieee802.o ghiasi_802.3db_ IRemedy is representative as shown by in	here is a fix from / Response Sta F IN PRINCIPLE. ad in FM. G Comment Sta ECQ with MMSE is rg/3/db/public/Sep 01_092321.pdf ve of real receiver Ghiasi contributic	Adobe atus W P53 Ghiasi Quantu atus X s accurate a ptember-09- r and a full gu	<i>L</i> 44 um/Marvell nd reduce test ti September-29- rid search may p xcellent correlati	me and associated to produce results slight
10.7 dE ggested/ One op plant, s tolerand oposed F PROPC Review 00 niasi, Ali incorree 100GB SR2, al ggested/ Please	3, and 4 connect Remedy bion is to increase simpler option is ce for the transment Response OSED ACCEPT or presentation SC 0 Type ER ext title for 167, P ASE-VR1, 200G and 400GBASE-S Remedy repalce 441 with	tors in 8.4 dB. se cable plant RL to 26 dB but to require 20 dB RL for the re- nitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14 Ghiasi Quantu <i>Comment Status</i> D Physical Medium Dependent of GBASE-VR2, 23 400GBASE- SR441 h 4	ut that require po eceiver and keep <i>L</i> 14 um/Marvell (PMD) sublayer	# <u>37</u> Bucket and medium, type	Suggested Please Proposed I PROPO Check Cl 167 Ghiasi, Ali Comment It was cost. https:// 2021/g Suggested MMSE better, measu	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR shown that TDE www.ieee802.0 ghiasi_802.3db_ IRemedy is representative as shown by in urements. MMS	here is a fix from / Response Sta F IN PRINCIPLE. ad in FM. G Comment Sta ECQ with MMSE is rg/3/db/public/Sep 01_092321.pdf ve of real receiver Ghiasi contributic	Adobe atus W P53 Ghiasi Quantu atus X s accurate a ptember-09- r and a full gi on there is e t time specilla	<i>L</i> 44 um/Marvell nd reduce test ti September-29- rid search may p xcellent correlati ay given 802.3dt	me and associated to be a constructed to be constructed to be constructed to be a cons
10.7 dE ggested/ One op plant, s tolerand oposed F PROPO Review 00 niasi, Ali omment 7 Incorre 100GB SR2, al ggested/ Please oposed F	3, and 4 connect <i>Remedy</i> ption is to increase simpler option is ce for the transn <i>Response</i> OSED ACCEPT v presentation <i>SC</i> 0 <i>Type</i> ER ext title for 167, P ASE-VR1, 200G ind 400GBASE-S <i>Remedy</i> repalce 441 with <i>Response</i>	tors in 8.4 dB. se cable plant RL to 26 dB buto require 20 dB RL for the mitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14 Ghiasi Quantu <i>Comment Status</i> D Physical Medium Dependent 1 SBASE-VR2, 23 400GBASE- SR441 h 4 <i>Response Status</i> W	ut that require po eceiver and keep <i>L</i> 14 um/Marvell (PMD) sublayer	# <u>37</u> Bucket and medium, type	Suggested Please Proposed I PROPO Check Cl 167 Ghiasi, Ali Comment It was cost. https:// 2021/g Suggested MMSE better, measu	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR shown that TDE www.ieee802.o ghiasi_802.3db_ IRemedy is representative as shown by in prements. MMS ill longer to do fu	here is a fix from / Response Sta F IN PRINCIPLE. ad in FM. G Comment Sta ECQ with MMSE is rg/3/db/public/Sep 01_092321.pdf ve of real receiver Ghiasi contributio E will reduce test	Adobe atus W P53 Shiasi Quante atus X s accurate a ptember-09- r and a full gr on there is e: t time specilla d will increas	<i>L</i> 44 um/Marvell nd reduce test ti September-29- rid search may p xcellent correlati ay given 802.3dt	me and associated to produce results slight
10.7 dE uggested/ One op plant, s tolerand roposed F PROPO Review / 00 hiasi, Ali omment 7 Incorre 100GB SR2, al uggested/ Please roposed F PROPO Framer	3, and 4 connect Remedy bion is to increas simpler option is ce for the transm Response OSED ACCEPT or presentation SC 0 Type ER ect title for 167, P ASE-VR1, 200G ind 400GBASE-S Remedy repalce 441 with Response OSED ACCEPT maker issue.	tors in 8.4 dB. se cable plant RL to 26 dB buto require 20 dB RL for the mitter. <i>Response Status</i> W IN PRINCIPLE. <i>P</i> 14 Ghiasi Quantu <i>Comment Status</i> D Physical Medium Dependent 1 SBASE-VR2, 23 400GBASE- SR441 h 4 <i>Response Status</i> W	ut that require po eceiver and keep <i>L</i> 14 um/Marvell (PMD) sublayer VR4, 100GBASI	# 37 Bucket and medium, type E-SR1, 200GBASE-	Suggested Please Proposed I PROPC Check Cl 167 Ghiasi, Ali Comment T It was cost. https:// 2021/g Suggested MMSE better, measu taps with	IRemedy correct when the Response OSED ACCEPT for a workarour SC 167.7.2 Type TR shown that TDE www.ieee802.0 ghiasi_802.3db_ IRemedy is representative as shown by in irements. MMS ill longer to do for Response	here is a fix from <i>A</i> Response Sta F IN PRINCIPLE. Ind in FM. G Comment Sta ECQ with MMSE is rg/3/db/public/Sep 01_092321.pdf ve of real receiver Ghiasi contributic E will reduce test ull grid search and	Adobe atus W P53 Shiasi Quante atus X s accurate a ptember-09- r and a full gr on there is e: t time specilla d will increas	<i>L</i> 44 um/Marvell nd reduce test ti September-29- rid search may p xcellent correlati ay given 802.3dt	me and associated to produce results slight

C/ 16 SC 16.7.2	P 52	L 25	# 41	C/ 167	SC 167.8.	5	P 57	L 33	# 44
Ghiasi, Ali	Ghiasi Quanti	um/Marvell		Lingle, Ro	bert		OFS		
Comment Type TR	Comment Status D			Comment	Туре Е	Commer	nt Status D		
SuggestedRemedy	o display symbols using Apple here is a fix from Adobe	Preview		optimi discus I think	ization of TDE0 ssion in TF and the Editor's N	CQ has been p I offline. Whate ote has served	roposed." This to ever the TF decio	les during comm	ion in place of esentation in TF & ent resolution on D2.0, deration) and should be
Proposed Response	Response Status W				ed at this poin	t.			
PROPOSED ACCEPT				Suggestee	-				
Check for a workarour	nd in FM.			Remo	ove this editor's	note			
<i>Cl</i> 167 <i>SC</i> 167.8.13 Maguire, Valerie	3.1 <i>P</i> 59 The Siemon (L 46 Company	# 42	PROF	Response POSED ACCER	, PT IN PRINCIF	e Status W PLE.		
Comment Type T	Comment Status D		Bucket	566 16	esponse to con	nment #40.			
	upper frequency bound, but it	s not clear what		C/ FM	SC FM		P 12	L 1	# 45
SuggestedRemedy				Wienckow	/ski, Natalie		General Moto	ors	
	andwidth; upper frequency bo cy bound"	ound" with, "LB	= loop bandwidth	<i>Comment</i> blank	51	Commer	nt Status D		Bucke
Proposed Response	Response Status W			Suggestee	dRemedv				
PROPOSED REJECT The upper frequency I	•	ymbol LB and un	its are not required.	Remo	ove the blank parts of the blank				
C/ 167 SC 167.10.2 Lingle, Robert	2.2 P62 OFS	L 40	# 43	•	Response POSED ACCE	•	e Status W		
Comment Type T	Comment Status D			C/ 45	SC 45.2.1.	6	P 21	L 27	# 46
	67-15 contains excessively de	tailed information	n about fiber		/ski, Natalie	•	General Moto		# 40
bandwidths, well beyo implement it. This info	nd what is necessary for the r rmation in should be available	eader to underst in contributions	and the standard and presented to the TF	Comment	Туре Е		nt Status D	15	
	elopment, and that should be some fiber emulation filter bandw			an un	changed row is	s shown as nev	V		
SuggestedRemedy		idin values prese		Suggestee	dRemedy				
,	Table 167-15 with "Effective r	modal bandwidth	quidance is provided	Delete	e from this draf	t: 1111000) = 50GBASE-BI	R40-U	
at all wavelengths in the	he 840 nm to 953 nm range in	1 IEC	0	•	Response	,	e Status W		
	timode fiber has the same min proved minimum bandwidth for			-	POSED ACCER esponse to con	-	LE.		
Proposed Response	Response Status W		<u>.</u>	0001					
PROPOSED ACCEPT									
Discuss as a Task Fo	-								
Soo also commonts #	22 and 121								

See also comments #33 and 131

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 45 SC 45.2.1.6	P 21	L 26	# 47	Cl 45 SC 45.2.1.6 P21 L23 # 50	
Vienckowski, Natalie	General Motors			Wienckowski, Natalie General Motors	
Comment Type E	Comment Status D		Bucket		Bucke
deleted text has to be sl	hown in strikethrough			deleted text has to be shown in strikethrough	
SuggestedRemedy				SuggestedRemedy	
Add "reserved" in strike	through d" 100GBASE-VR1 PMA/PMD			Add in strikethrough "1 1 1 1 1 x x = reserved"	
				Proposed Response Response Status W	
Proposed Response	Response Status W			PROPOSED ACCEPT IN PRINCIPLE.	
PROPOSED ACCEPT I See response to comme	-			See response to comment #78.	
·				C/ 116 SC 116.4 P38 L14 # 51	
C/ 45 SC 45.2.1.6	P 21	L 25	# 48	Wienckowski, Natalie General Motors	
Wienckowski, Natalie	General Motors			Comment Type E Comment Status D	Bucke
Comment Type E	Comment Status D		Bucket	existing text doesn't match P8023_D2p1_ALL_SECTIONs.pdf	
deleted text has to be sl	hown in strikethrough			SuggestedRemedy	
SuggestedRemedy				Change "8192" to "8 192"	
Add in strikethrough "1	1 1 1 0 1 x = reserved"			on L 21 change "4096" to "4 096".	
Proposed Response	Response Status W			Proposed Response Response Status W	
PROPOSED ACCEPT I	_			PROPOSED ACCEPT IN PRINCIPLE.	
See response to comme	ent #76.			Make the change in these two rows to match 802.3dc.	
C/ 00 SC 0	Р	L	# 49	Change "8192" to "8 192" on line 14 and change "4096" to "4 096" on line 21.	
Wienckowski, Natalie	General Motors			C/ 167 SC 167.1 P42 L37 # 52	
Comment Type T	Comment Status D		Bucket	Wienckowski, Natalie General Motors	
					Bucke
SuggestedRemedy				Clause 80 is included in this draft	
1 1 1 1 1 x x = reserved				SuggestedRemedy	
Proposed Response	Response Status W			Change Clause 80 to "black".	
PROPOSED ACCEPT I	-				
See response to comme	ent #78.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.	
				Change "Clause 80" to black text.	

Cl 167 SC 167.1 P42	L 38	# 53	C/ 167 SC 167.1 P42 L46 # 56
Wienckowski, Natalie General Moto	rs		Wienckowski, Natalie General Motors
Comment Type E Comment Status D Clause 80.2 is included in this draft		Bucket	Comment Type E Comment Status D Clause 1 is included in this draft
SuggestedRemedy Change 80.2 to "black".			SuggestedRemedy Change Clause 1 to "black".
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.
Change "80.2" to black text.			Change "Clause 1" to black text.
Cl 167 SC 167.1 P42 Wienckowski, Natalie General Moto	L 39 rs	# 54	C/ 167 SC 167.3.1 P45 L21 # 57 Wienckowski, Natalie General Motors
Comment Type E Comment Status D Clause 116 is included in this draft		Bucket	Comment Type E Comment Status D Clause 80.4 is included in this draft
SuggestedRemedy Change Clause 116 to "black" and make it a hyperli	nk.		SuggestedRemedy Change 80.4 to "black".
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.
Change "Clause 116" and "116.2" to black text.			Change "80.4" to black text.
CI 167 SC 167.1 P42	L 43	# 55	C/ 167 SC 167.3.1 P45 L21 # 58
Wienckowski, Natalie General Moto	rs		Wienckowski, Natalie General Motors
Comment Type E Comment Status D Clause 78 is included in this draft		Bucket	Comment Type E Comment Status D Hyperlink missing.
SuggestedRemedy Change Clause 78 to "black".			SuggestedRemedy Make 116.4 a hyperlink.
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT.
Change "Clause 78" to black text			

Change "Clause 78" to black text.

C/ 167	SC 167.3.2.1	P 45	L 33	# 59		C/ 167	SC 167.5.1	P 46	L 47	# 62
Nienckowsk	i, Natalie	General Motors				Wienckow	ski, Natalie	General Moto	rs	
<i>Comment Ty</i> Clause 1	<i>pe</i> E 116.5 is included	Comment Status D d in this draft		B	ucket	Comment Remo	<i>Type</i> E ve random word	Comment Status D		Bucke
SuggestedRe	emedy					Suggested	Remedy			
Change Proposed Re		and make it a hyperlink. <i>Response Status</i> W						er measurements and tests c asurements and tests define		
•	SED ACCEPT.	Response Status w				Proposed	Response	Response Status W		
	SC 167.4	P 45 General Motors	L 48	# 60		A refe		IN PRINCIPLE. issing which makes the sen sistent with previous clauses		rect. Insert the
Comment Ty		Comment Status D		B	ucket	C/ 167	SC 167.5.1	P 47	L1	# 63
	16.5 is included				aonor	Wienckow	ski, Natalie	General Moto	ors	
SuggestedRo Change	2	and make it a hyperlink.				Comment Remo	<i>Type</i> E ve random word	Comment Status D		Bucke
Proposed Re	esponse	Response Status W				Suggested	Remedy			
PROPOS	SED ACCEPT.							easurements and tests defir rements and tests defined a		
C/ 167	SC 167.4	P 45	L 53	# 61		Proposed	Response	Response Status W		
Wienckowski Comment Ty		General Motors Comment Status D		B	ucket	A refe		IN PRINCIPLE. hissing which makes the sen n previous clauses.	ence look incor	rect. Insert the reference
SuggestedRe						C/ 167	SC 167.5.10	P 49	L 38	# 64
00	Clause 45 to "b	lack".				Wienckow	ski, Natalie	General Moto	rs	
Proposed Re		Response Status W				Comment Clause	51	Comment Status D cluded in this draft		Bucke
						Suggested Chang	-	plack" and make it a hyperlir	k.	
							Response OSED ACCEPT	Response Status W IN PRINCIPLE.		
						Chang	ge "45.2.1.7.4" to	black text.		

C/ 167	SC 167.5.11	P 49	L 46	# 65	C/ 167 SC 167.7.3	P 53	L13	# 68
Vienckows	ski, Natalie	General Motor	S		Wienckowski, Natalie	General Moto	ors	
omment T	Туре Е	Comment Status D		Bucket	Comment Type TR	Comment Status D		
Clause	45.2.1.7.5 is incl	luded in this draft			There is no objective for a	30m link. The VR links a	are specified to b	e 50m everywhere els
uggested	Remedy				in this draft. There is no objective for a	60m link The SR links a	are specified to h	e 100m everywhere
Change	e 45.2.1.7.5 to "b	plack" and make it a hyperlink	ζ.		else in this draft.			
Proposed F	Response	Response Status W			SuggestedRemedy			
PROPO	OSED ACCEPT I	IN PRINCIPLE.			Delete OM3 columns in Ta	able 167-9		
Change	e "45.1.7.5" to bla	ack text.				Response Status W		
/ 167	SC 167.7	P50	L19	# 66	PROPOSED REJECT. See response to comment	#66.		
/ienckows	ski, Natalie	General Motor	S		C/ 167 SC 167.9.1	P 59	L 54	# 69
omment T	Type TR	Comment Status D			Wienckowski, Natalie	General Moto	-	
		r a 30m link. The VR links ar	e specified to b	be 50m everywhere else	•	Comment Status D		
in this c					Should refer to Annex J. II			
	-				SuggestedRemedy			
Delete	row: 0.5 m to 30				SuggestedRemedy Change: All equipment sul	bject to this clause shall o	conform to IEC (60950-1.
Delete Proposed R PROPC	row: 0.5 m to 30 Response OSED REJECT.	Response Status W			SuggestedRemedy Change: All equipment sul To: All equipment meeting as specified in J.2.			
Delete Proposed R PROPC The obj	row: 0.5 m to 30 Response OSED REJECT. jectives in 802.30	Response Status W db are written the same way			Change: All equipment sul To: All equipment meeting as specified in J.2.			
Proposed F PROPC The obj e.g., 80 and OM	row: 0.5 m to 30 Response OSED REJECT. jectives in 802.3cd 02.3cm, 802.3cd M4 for broad mark	Response Status W db are written the same way and 802.3bm. All these proje ket potential.			Change: All equipment sul To: All equipment meeting as specified in J.2.	y this standard shall confo Response Status W PRINCIPLE.	orm to the gener	
Delete Proposed F PROPC The obj e.g., 80 and OM	row: 0.5 m to 30 Response OSED REJECT. jectives in 802.3cd 02.3cm, 802.3cd M4 for broad mark	Response Status W db are written the same way and 802.3bm. All these proje			Change: All equipment sul To: All equipment meeting as specified in J.2. Proposed Response PROPOSED ACCEPT IN F Change reference to IEC 6	y this standard shall confo Response Status W PRINCIPLE.	orm to the gener	
Delete roposed F PROPC The obj e.g., 80 and OM The link	row: 0.5 m to 30 Response OSED REJECT. jectives in 802.3cd 02.3cm, 802.3cd M4 for broad mark	Response Status W db are written the same way and 802.3bm. All these proje ket potential.			Change: All equipment sul To: All equipment meeting as specified in J.2. Proposed Response F PROPOSED ACCEPT IN F Change reference to IEC 6 See also comments #95	g this standard shall confo Response Status W PRINCIPLE. 60950-1 to Annex J with e	orm to the gener	al safety requirements
Delete roposed R PROPC The obj e.g., 80 and OM The link / 167	row: 0.5 m to 30 Response OSED REJECT. jectives in 802.3cd 02.3cm, 802.3cd M4 for broad mark k length in the ob	Response Status W db are written the same way and 802.3bm. All these proje ket potential. bjectives is for OM4 fiber.	ects have define	ed links for both OM3	Change: All equipment sul To: All equipment meeting as specified in J.2. Proposed Response R PROPOSED ACCEPT IN F Change reference to IEC 6 See also comments #95 Cl 167 SC 167.10.1	y this standard shall confo Response Status W PRINCIPLE. 50950-1 to Annex J with e P 61	orm to the gener editorial license.	
Delete Proposed R PROPO The obj e.g., 80 and OM The link C/ 167 Vienckows Comment T	row: 0.5 m to 30 Response OSED REJECT. jectives in 802.3cd 22.3cm, 802.3cd M4 for broad mark k length in the ob SC 167.7 ski, Natalie Type TR	Response Status W db are written the same way and 802.3bm. All these proje- ket potential. ojectives is for OM4 fiber. P50 General Motor Comment Status D	ects have define <i>L</i> 24 s	# <mark>67</mark>	Change: All equipment sul To: All equipment meeting as specified in J.2. Proposed Response F PROPOSED ACCEPT IN F Change reference to IEC 6 See also comments #95 C/ 167 SC 167.10.1 Wienckowski, Natalie	g this standard shall confo Response Status W PRINCIPLE. 50950-1 to Annex J with e P61 General Moto	orm to the gener editorial license.	al safety requirements
Delete roposed R PROPC The obj e.g., 80 and OM The link / 167 / ienckows omment 7 There is	row: 0.5 m to 30 Response OSED REJECT. jectives in 802.3cd 22.3cm, 802.3cd M4 for broad mark k length in the ob SC 167.7 ski, Natalie Type TR	Response Status W db are written the same way and 802.3bm. All these proje- ket potential. bjectives is for OM4 fiber. P50 General Motor	ects have define <i>L</i> 24 s	# <mark>67</mark>	Change: All equipment sul To: All equipment meeting as specified in J.2. Proposed Response F PROPOSED ACCEPT IN F Change reference to IEC 6 See also comments #95 C/ 167 SC 167.10.1 Wienckowski, Natalie	g this standard shall confo Response Status W PRINCIPLE. 50950-1 to Annex J with e P61 General Moto Comment Status D	orm to the gener editorial license.	al safety requirements # [70
Delete roposed R PROPC The obj e.g., 80 and OM The link 167 There is else in the second	row: 0.5 m to 30 Response OSED REJECT. ijectives in 802.3cd 02.3cm, 802.3cd 04 for broad mark k length in the ob SC 167.7 ski, Natalie Type TR is no objective for this draft.	Response Status W db are written the same way and 802.3bm. All these proje- ket potential. ojectives is for OM4 fiber. P50 General Motor Comment Status D	ects have define <i>L</i> 24 s	# <mark>67</mark>	Change: All equipment sul To: All equipment meeting as specified in J.2. Proposed Response F PROPOSED ACCEPT IN F Change reference to IEC 6 See also comments #95 Cl 167 SC 167.10.1 Wienckowski, Natalie Comment Type TR	g this standard shall confo Response Status W PRINCIPLE. 50950-1 to Annex J with e P61 General Moto Comment Status D	orm to the gener editorial license.	al safety requirements # [70
Delete roposed R PROPC The obj e.g., 80 and OM The link / 167 /ienckows omment 7 There is else in uggested	row: 0.5 m to 30 Response OSED REJECT. ijectives in 802.3cd 02.3cm, 802.3cd 04 for broad mark k length in the ob SC 167.7 ski, Natalie Type TR is no objective for this draft.	Response Status W db are written the same way and 802.3bm. All these proje- ket potential. bjectives is for OM4 fiber. P50 General Motor Comment Status D r a 60m link. The SR links an	ects have define <i>L</i> 24 s	# <mark>67</mark>	Change: All equipment sul To: All equipment meeting as specified in J.2. Proposed Response F PROPOSED ACCEPT IN F Change reference to IEC 6 See also comments #95 Cl 167 SC 167.10.1 Wienckowski, Natalie Comment Type TR Remove reference to OM3 SuggestedRemedy Delete: As OM4 and OM5	y this standard shall confo Response Status W PRINCIPLE. 50950-1 to Annex J with e P61 General Moto Comment Status D as it doesn't meet the pro- 5 optical fiber meet the rec	orm to the gener editorial license. <i>L</i> 35 ors oject objectives. quirements for C	# 70 # 70
Delete Proposed R PROPC The obj e.g., 80 and OM The link 7 167 /ienckows comment 7 There is else in f uggested	row: 0.5 m to 30 Response OSED REJECT. ijectives in 802.3cd 02.3cm, 802.3cd 04 for broad mark k length in the ob SC 167.7 ski, Natalie Type TR is no objective for this draft. Remedy row: 0.5 m to 60	Response Status W db are written the same way and 802.3bm. All these proje- ket potential. bjectives is for OM4 fiber. P50 General Motor Comment Status D r a 60m link. The SR links an	ects have define <i>L</i> 24 s	# <mark>67</mark>	Change: All equipment sul To: All equipment meeting as specified in J.2. Proposed Response F PROPOSED ACCEPT IN F Change reference to IEC 6 See also comments #95 Cl 167 SC 167.10.1 Wienckowski, Natalie Comment Type TR Remove reference to OM3 SuggestedRemedy Delete: As OM4 and OM5 compliant to the "OM3" coli	y this standard shall confo Response Status W PRINCIPLE. 50950-1 to Annex J with e P61 General Moto Comment Status D as it doesn't meet the pro- 5 optical fiber meet the rec	orm to the gener editorial license. <i>L</i> 35 ors oject objectives. quirements for C	al safety requirements # 7 <u>0</u> M3, a channel
Delete proposed R PROPC The obj e.g., 80 and OM The link The link inter link in	row: 0.5 m to 30 Response OSED REJECT. ijectives in 802.3cd 02.3cm, 802.3cd 04 for broad mark k length in the ob SC 167.7 ski, Natalie Type TR is no objective for this draft. Remedy row: 0.5 m to 60	Response Status W db are written the same way and 802.3bm. All these proje- ket potential. ojectives is for OM4 fiber. P50 General Motor Comment Status D r a 60m link. The SR links an 0 m for OM3 Response Status W	ects have define <i>L</i> 24 s	# <mark>67</mark>	Change: All equipment sul To: All equipment meeting as specified in J.2. Proposed Response F PROPOSED ACCEPT IN F Change reference to IEC 6 See also comments #95 Cl 167 SC 167.10.1 Wienckowski, Natalie Comment Type TR Remove reference to OM3 SuggestedRemedy Delete: As OM4 and OM5 compliant to the "OM3" coll OM3, OM4, and OM5.	y this standard shall confo Response Status W PRINCIPLE. 50950-1 to Annex J with e P61 General Moto Comment Status D as it doesn't meet the pro- 5 optical fiber meet the rec	orm to the gener editorial license. <i>L</i> 35 ors oject objectives. quirements for C	al safety requirements # 7 <u>0</u> M3, a channel

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 167	SC 167.10.2.2	P 62	L 7	# 71	C/ FM	SC FM	P1	L 37	# 74
Wienckows	ki, Natalie	General Motors	6		Zimmerm	an, George	CME Consultir	ng/ADI, APL Gp	, Cisco, CommScope, M
Comment T	Type TR	Comment Status D			Comment	tType E	Comment Status D		Bucket
in this c	draft.	30m link. The VR links ar					e Review this is for working	g group ballot	
	s no objective for a here else in this dra	70m link (not consistent).	The SR links a	are specified to be 100m	•••	<i>dRemedy</i> ge Task Force Re	view to Working Group Ballot		
Suggestedl	Remedy				Proposea	Response	Response Status W		
Delete	OM3 columns in Ta	ble 167-14			PRO	POSED ACCEPT			
Proposed F PROPC	Response F	Response Status W			C/ 1	SC 1.4.39a	P18	L15	# 75
See res	sponse to comment	#66.			Zimmerm	an, George	CME Consultir	ng/ADI, APL Gp	, Cisco, CommScope, M
C/ 167	SC 167.10.2.2	P 62	L25	# 72	Comment		Comment Status D		Bucket
Wienckows		General Motors		π 12			E-SR10 encoding" - it is just " d go before 100GBASE-SR10		
Comment 7		Comment Status D	5			BASE-R encoding			
		as it doesn't meet the pro	iect obiectives.		Suggeste	dRemedy	-		
Suggestedl			, ,		enco		ion to Insert the following new	definition after	1.4.38 100GBASE-R
Proposed F	Response F	Response Status W			Proposea	Response	Response Status W		
PROPO	DSED REJECT. sponse to comment	<i>,</i> #66.			-	POSED ACCEPT esponse to comm	, IN PRINCIPLE.		
C/ FM	SC FM	P1	L 35	# 73	C/ 1	SC 1.4.104a	P18	L 32	# 76
Zimmermar	n, George	CME Consultin	g/ADI, APL Gp	, Cisco, CommScope, M	Zimmerm	an, George	CME Consultir	ng/ADI, APL Gp	, Cisco, CommScope, M
Comment 7	Type E	Comment Status D		Bucket	Comment	tType E	Comment Status D		Bucket
It seem	is unlikely you will g	o to SA ballot after 802.3c	w. 802.3cw is	still at d1p2.	Editin	ig instruction says	"new definitions" - I only see	one.	
Suggestedl	Remedy				Suggeste	dRemedy			
	with WG leadership tions on page s 10	for order of amendments & 11	and align this,	and amendment		-	s" to "new definition" in the ec	liting instructior	1
Proposed F	Response F	Response Status W				Response	Response Status W		
Make c	DSED ACCEPT IN hanges according t leadership.	PRINCIPLE. o appropriate amendment	order after con	sulting with Working	FKU	OGED ACCEPT			

C/ 30 SC	30.5.1.1.2	P 20	L11	# 77	CI	45 SC	C 45.2.1.6	P 21	L10	# 78	
Zimmerman, Geo	orge	CME Consult	ing/ADI, APL G	o, Cisco, CommScope	, M Zim	merman, Ge	eorge	CME Consu	llting/ADI, APL G	p, Cisco, Comm	Scope, M
Comment Type	т	Comment Status D		Buc	ket Cor	nment Type	Е	Comment Status D			Bucke
should be at APPROPRIA SuggestedReme	the indent o TE SYNTA <i>dy</i> BUTE on ne	g on line before APPROPR accupied by APPROPRIAT X to line up with the indent ew line before APPROPRIA	E SYNTAX, which of the added MA	ch would cause AU types.	t	Further, Tal but it looks 1 1 1 x x x x 1 1 0 1 x x x 1 1 0 0 1 x x	ble 45-7 has like the cha c = reservec c = reservec x = reservec x = reservec	k	ct the one to be c plicated. The re	hanged is the to served rows are	op-most,
Proposed Respo	nse	Response Status W									
PROPOSED	ACCEPT IN	N PRINCIPLE.				111111	1 = reserve	d (with values 1111110 thro	ough 1111000 dei	fined)	
Add "ATTRIE	BUTE" and i	ndent "APPROPRIATE SY	NTAX" correctly					reference to 50GBASE-BR lessing this is an error or in			
					Sug	gestedRem	edy				
						shown (unc show in des underline, < plain to sho "6 5 4 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 0	hanged row scription, as (SO> and < w where the 0 = 400GB/ 1 = 400GB/ 0 = 200GB/ 1 = 200GB/ 1 = 200GB/ 1 = 200GB/ 1 = 100GB/ x x x = re 1 0 0 0 = re x = reserved	ASE-SR4 PMA/PMD ASE-VR4 PMA/PMD ASE-SR4 PMA/PMD ASE-VR4 PMA/PMD ASE-SR4 PMA/PMD ASE-VR4 PMA/PMD <end eserved <end so=""> eserved d <end ul=""></end></end></end 	t of underline, <e strikeout, and tex</e 	ND UL> end of	:
					Due						
					Pro	posed Resp		Response Status W			
						FRUPUSEI	DAUGEPT				
						"654321 111 111111 111110 111110 111110 111101	0 1 1 1 1 = re 0 = 400GBA 1 = 400GBA 0 = 200GBA 1 = 200GBA	n of bits 1.7.6:0 in Table 45- eserved ASE-SR4 PMA/PMD ASE-VR4 PMA/PMD ASE-SR4 PMA/PMD ASE-VR4 PMA/PMD ASE-SR4 PMA/PMD	7 as shown (uncl	nanged rows no	t shown):

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

Comment ID 78

Page 13 of 47 11/10/2021 11:32:13 PM

1 1 1 1 0 0 1 = 100GBASE-VR4 PMA/PMD <end ul=""> <so> 1 1 1 1 1 x x = reserved</so></end>	C/ 45 SC 45.2.1.24 P23 L49 # 82
1 1 1 1 0 1 x = reserved	Zimmerman, George CME Consulting/ADI, APL Gp, Cisco, CommScope, I
1 1 1 1 0 0 1 = reserved <end so=""></end>	Comment Type E Comment Status D Buck
 stands for underline and <so> for strikeout.</so> 50GBASE-BR40-U comes from 802.3cp and was added in 802.3dc D2.1. 	"insert the following new subclauses (Table 45.2.1.24.7 and Table 45.2.1.24.8) after 45.2.1.24.4" - these are subclauses, not tables, use correct cross-reference formatting so it just says (45.2.1.24.7 and 45.2.1.24.8) - also, put editing instruction AFTER Table 45-27.
CI 45 SC 45.2.1.7.4 P21 L43 # 79	SuggestedRemedy
Zimmerman, George CME Consulting/ADI, APL Gp, Cisco, CommScope	, M See comment
Comment Type E Comment Status D Bu	^{sket} Proposed Response Response Status W
167.5.10 should be an active cross reference, same comment for 167.5.11 in Table 45-1 and 167.5.7 in Table 45-12.	PROPOSED ACCEPT IN PRINCIPLE.
SuggestedRemedy	See response to comment #230.
make locations in Tables 45-9, 45-10 and 45-12 active cross references	C/ 80 SC 80.1.3 P27 L9 # 83
Proposed Response Response Status W	Zimmerman, George CME Consulting/ADI, APL Gp, Cisco, CommScope, I
PROPOSED ACCEPT.	Comment Type E Comment Status D Buck
CI 45 SC 45.2.1.22 P23 L9 # 80	It appears "Clause 140" an external reference is somehow an active cross reference. No idea where it points
Zimmerman, George CME Consulting/ADI, APL Gp, Cisco, CommScope	
Comment Type E Comment Status D Bu	sket See comment, make it not active.
"(as modified by IEEE Std 802.3cn-2019)" - if this is an amendment to the revision (802.3 2022), then modification by 802.3cn-2019 is not relevant or necessary.	- Proposed Response Response Status W
SuggestedRemedy	PROPOSED ACCEPT.
Delete "(as modified by IEEE Std 8092.3cn-2019)" in editing instruction	
	C/ 80 SC 80.1.1 P28 L1 # 84
Proposed Response Response Status W PROPOSED ACCEPT.	Zimmerman, George CME Consulting/ADI, APL Gp, Cisco, CommScope,
	Comment Type E Comment Status D Buck
Cl 45 SC 45.2.1.22 P23 L19 # 81	80.1.1 Should be 80.1.5
Zimmerman, George CME Consulting/ADI, APL Gp, Cisco, CommScope	, M SuggestedRemedy
Comment Type E Comment Status D Bu	change 80.1.1 to 80.1.5
	Proposed Response Response Status W
There is only one reserved bit - no need for a range	PROPOSED ACCEPT.
There is only one reserved bit - no need for a range SuggestedRemedy	
SuggestedRemedy Change edit just to strike out ":12" (deleting the inserted 14, and striking out the colon as	

C/ 80 SC 80.1.1	P 28	L13	# 85	C/ 167 SC 167.1	P 41	L16	# 89
Zimmerman, George	CME Consulti	ng/ADI, APL Gp,	Cisco, CommScope, M	Zimmerman, George	CME Consu	llting/ADI, APL Gp	, Cisco, CommScope, M
Comment Type E "Clause 167" column he	Comment Status D eader is different than the oth	ers which just ha	<i>Bucket</i> ve numbers	Comment Type E Clause 45 is marked	Comment Status D external, even though it is an	active cross refer	Bucket rence and in the draft
SuggestedRemedy Change "Clause 167" te	o "167" (as active xref)			SuggestedRemedy Make clause 45 blac	k and not marked external		
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response PROPOSED ACCE	Response Status W PT IN PRINCIPLE.		
C/ 116 SC 116.1.4	P36	L 34	# 86	Change "Clause 45"	to black text.		
Zimmerman, George	CME Consulti	ng/ADI, APL Gp,	Cisco, CommScope, M	C/ 167 SC 167.1	P 4 1	L 49	# 90
Comment Type E	Comment Status D		Bucket	Zimmerman, George	CME Consu	llting/ADI, APL Gp	, Cisco, CommScope, M
"Clause 167" column he	eader is different than the oth	ers which just ha	ve numbers	Comment Type E	Comment Status D		Bucket
SuggestedRemedy Change "Clause 167" to	o "167" (as active xref)			Clause 78 is marked also on page 42 in T	l external, even though it is an able 167-2.	active cross refer	ence and in the draft -
Proposed Response PROPOSED ACCEPT.	Response Status W			SuggestedRemedy Make clause 78 blac	k and not marked external (2	places)	
C/ 116 SC 116.1.4	P 37	L 20	# 87	Proposed Response PROPOSED ACCE	Response Status W		
Zimmerman, George		ng/ADI, APL Gp,	Cisco, CommScope, M	Change "Clause 78"	to black text.		
Comment Type E "Clause 167" column he	Comment Status D eader is different than the oth	ers which iust ha	<i>Bucket</i> ve numbers	C/ 167 SC 167.5.		L38	# 91
SuggestedRemedy		···· ,-··· ,-···		Zimmerman, George			, Cisco, CommScope, M
	o "167" (as active xref) (2 pla	ces)		Comment Type E	Comment Status D	ining/ADI, AFL Gp	Bucket
Proposed Response	Response Status W	,			l external even though it is in t	he draft	BUCKEL
PROPOSED ACCEPT.				SuggestedRemedy			
C/ 167 SC 167	P 41	L1	# 88		active cross reference, not ext	ernal, and black	
Zimmerman, George <i>Comment Type</i> E	CME Consulti Comment Status D	ng/ADI, APL Gp,	Cisco, CommScope, M Bucket	Proposed Response PROPOSED ACCE	Response Status W PT IN PRINCIPLE.		
Missing editing instruct	on			Change "45.2.1.7.4"	to black text.		
SuggestedRemedy Add editing instruction	Insert clause 167 after claus	e 166 as shown:'					
Proposed Response PROPOSED ACCEPT.	Response Status W						

C/ 167 SC 167.5.1	11 P 49	L 46	# 92	C/ 167	SC 167.9.1		P 59	L 54	# 95
Zimmerman, George	CME Consult	ing/ADI, APL Gp	, Cisco, CommScope, M	Zimmerman	George	C	ME Consul	ting/ADI, APL G	o, Cisco, CommScope,
Comment Type E	Comment Status D		Bucket	Comment Ty	vpe TR	Comment St	atus D		
45.2.1.7.5 is marked	d external even though it is in th	e draft		IEC 609	50-1 has been	withdrawn. See	IEEE 802.3	3-202x Annex J.	
SuggestedRemedy				SuggestedR	emedy				
make 45.2.1.7.5 an ;	active cross reference, not exte	ernal, and black		replace	conform with	EC 60950-1" wit	h "shall con	form to J.2"	
Proposed Response	Response Status W			Proposed R	esponse	Response Sta	atus W		
PROPOSED ACCEP	PT IN PRINCIPLE.					IN PRINCIPLE.			
Change "45.2.1.7.5"	to black text.			See con	nment #69				
C/ 167 SC 167.8.5	5 P56	L 44	# 93						
Zimmerman, George	CME Consult	ing/ADI, APL Gp	, Cisco, CommScope, M	C/ 167	SC 167.10.2	2	P 62	L 8	# 96
Comment Type TR	Comment Status D			Ferretti, Vind	e	C	orning		
substitution. The ed	not be indented as a list item - litor's note should be removed of				, 67–14—Fiber c		_	cteristics incorre	ctly calls out operating
ballot.				distance	for OM3 fiber	for SR lengths a	s 70 m		
				distance SuggestedR		for SR lengths a	s 70 m		
	e.			SuggestedR	emedy				
SuggestedRemedy Remove editor's note	e. Response Status W			SuggestedR	e <i>medy</i> OM3 operating		n to match		
SuggestedRemedy	Response Status W			SuggestedR Change Proposed R PROPO	emedy OM3 operating esponse SED ACCEPT	distance to 60 i <i>Response Sta</i> IN PRINCIPLE.	n to match htus W	operating distan	ces in other sub-clauses
SuggestedRemedy Remove editor's note Proposed Response	Response Status W PT IN PRINCIPLE.			SuggestedR Change Proposed R PROPO	emedy OM3 operating esponse SED ACCEPT	distance to 60 i <i>Response Sta</i> IN PRINCIPLE.	n to match htus W		ces in other sub-clauses
SuggestedRemedy Remove editor's note Proposed Response PROPOSED ACCEF See response to con	Response Status W PT IN PRINCIPLE. nment #40.	L47	# 94	SuggestedR Change Proposed R PROPO	emedy OM3 operating esponse SED ACCEPT	distance to 60 i <i>Response Sta</i> IN PRINCIPLE.	n to match htus W	operating distan	ces in other sub-clauses
SuggestedRemedy Remove editor's note Proposed Response PROPOSED ACCER See response to con Cl 167 SC 167.8.5	Response Status W PT IN PRINCIPLE. nment #40. 5 P56		# <u>94</u> , Cisco, CommScope, M	SuggestedR Change Proposed R PROPO	emedy OM3 operating esponse SED ACCEPT	distance to 60 i <i>Response Sta</i> IN PRINCIPLE.	n to match htus W	operating distan	ces in other sub-clauses
SuggestedRemedy Remove editor's note Proposed Response PROPOSED ACCEF See response to con C/ 167 SC 167.8.5 Zimmerman, George	Response Status W PT IN PRINCIPLE. nment #40. 5 P56			SuggestedR Change Proposed R PROPO	emedy OM3 operating esponse SED ACCEPT	distance to 60 i <i>Response Sta</i> IN PRINCIPLE.	n to match htus W	operating distan	ces in other sub-clause
SuggestedRemedy Remove editor's note Proposed Response PROPOSED ACCER See response to com Cl 167 SC 167.8.5 Zimmerman, George Comment Type E	Response Status W PT IN PRINCIPLE. mment #40. 5 P56 CME Consult Comment Status D d be on the same page - the heat	ing/ADI, APL Gp	, Cisco, CommScope, M Bucket	SuggestedR Change Proposed R PROPO	emedy OM3 operating esponse SED ACCEPT	distance to 60 i <i>Response Sta</i> IN PRINCIPLE.	n to match htus W	operating distan	ces in other sub-clauses
SuggestedRemedy Remove editor's note Proposed Response PROPOSED ACCER See response to con Cl 167 SC 167.8.5 Zimmerman, George Comment Type E Table 167-12 should the next. It's a short	Response Status W PT IN PRINCIPLE. mment #40. 5 P56 CME Consult Comment Status D d be on the same page - the heat	ing/ADI, APL Gp	, Cisco, CommScope, M Bucket	SuggestedR Change Proposed R PROPO	emedy OM3 operating esponse SED ACCEPT	distance to 60 i <i>Response Sta</i> IN PRINCIPLE.	n to match htus W	operating distan	ces in other sub-clause
SuggestedRemedy Remove editor's note Proposed Response PROPOSED ACCEF See response to con Cl 167 SC 167.8.5 Zimmerman, George Comment Type E Table 167-12 should the next. It's a short SuggestedRemedy	Response Status W PT IN PRINCIPLE. mment #40. 5 P56 CME Consult Comment Status D d be on the same page - the heat	ing/ADI, APL Gp. aders are on one	, Cisco, CommScope, M Bucket	SuggestedR Change Proposed R PROPO	emedy OM3 operating esponse SED ACCEPT	distance to 60 i <i>Response Sta</i> IN PRINCIPLE.	n to match htus W	operating distan	ces in other sub-clause
SuggestedRemedy Remove editor's note Proposed Response PROPOSED ACCEF See response to con Cl 167 SC 167.8.5 Zimmerman, George Comment Type E Table 167-12 should the next. It's a short SuggestedRemedy	Response Status W PT IN PRINCIPLE. mment #40. 5 P56 CME Consult Comment Status D d be on the same page - the heat t table	ing/ADI, APL Gp. aders are on one	, Cisco, CommScope, M Bucket	SuggestedR Change Proposed R PROPO	emedy OM3 operating esponse SED ACCEPT	distance to 60 i <i>Response Sta</i> IN PRINCIPLE.	n to match htus W	operating distan	ces in other sub-clause

Try getting Table 167-12 on one page.

C/ 167	SC 167.8.11	P 58	L 42	# 97	C/ 91	SC 🤉	91.6.3	P 31	L 4	# 99	
Nicholl, Gary	у	Cisco System	s, Inc.		Marris, Ar	thur		Cadence Desigr	Systems		
Comment Ty	ype TR	Comment Status D			Comment	Туре	Е	Comment Status D		Bu	ıckei
		25GHz integration bandwidth			Chan	ge "1000	GBASE-DF	R PMDs" to "100GBASE-DR"			
	e receiver bandw ements expensi	vidth. The high integration ba	andwidth is not ne	eded and can make	Suggeste	dRemed	'v				
	•	ve.			Chan	ge "100G	- GBASE-DF	R PMDs" to "100GBASE-DR"			
SuggestedR					Proposed	- Respon	se	Response Status W			
,		it of the measurement appar	atus is to be app	oximately 20.5625 GHz			ACCEPT.				
Proposed R	•	Response Status W				00207					
PROPO	SED ACCEPT	IN PRINCIPLE.			C/ 45	SC 4	45.2.1.21	P 22	L 37	# 100	
Measure	e RIN OMA usi	ng a low pass filter with a 4th	n order Bessel-Th	omson response and	Lusted, K	ent		Intel Corporation			
	bandwidth of 26			•	Comment	Туре	ER	Comment Status D		Bu	ıckei
	1A specification	has been de-emphasized in	multi modo stor	darde	The 2	200G PM	A/PMD ex	tended ability bits 1.23.7 and 1	.23.8 collide	with P802.3ck	
	A specification	i nas been de-emphasized in	multi-mode star	ualus.	Suggeste	dRemed	V				
	52 (10GBASE-	,			00			location in the register			
	_OMA (max) of	-128 dB/Hz r with -3dB bandwidth near 1	0.647		Proposed			Response Status W			
	86 (40GBASE-		0 0112		,	,		N PRINCIPLE.			
		n (covered by TDEC)			FRUI	-03ED /	ACCEPTI	N FRINGIFLE.			
	95 (100GBASE	-SR4) n(covered by TDEC)			See r	esponse	to comme	ent #239.			
	138 (50GBASE				C/ 45	50.4	45.2.1.24	P 24	L 7	# 101	
		-128 dB/Hz (chiefly covered					43.2.1.24			# 101	
		r with -3dB bandwidth near 2 E-SR1, P802.3db)	26.6 GHz		Lusted, K			Intel Corporation		_	
		-131 dB/Hz (chiefly covered	by TDECQ)		Comment		ER	Comment Status D			ıcket
					P802		9 PMA/PW	D extended ability register 2 b	t 1.26.0 and	1.26.1 collide with	
C/ 91	SC 91.5.3.3	P 30	L 12	# 98	Suggeste		hz.				
Marris, Arthu	ur	Cadence Des	ign Systems		00	-		location in the register			
Comment Ty		Comment Status D		Bucket				ç			
Change	"100GBASE-D	R PHY" to "100GBASE-DR"	and the word "is	' is missing on line 33	Proposed	•		Response Status W			
SuggestedR	Remedy				PROF	-OSED A	AUCEPTT	N PRINCIPLE.			
		R PHY" to "100GBASE-DR" RS-FEC sublayer used" to			See r	esponse	to comme	nt #240.			

Proposed Response Response Status W

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 167	SC 167.1	P 41	L 46	# 102	CI 00	SC O	P 12	L1	# 104
Lusted, Kent		Intel Corpora	tion		Ran, Adee	Э	Cisco		
Comment Ty	pe TR Co	omment Status D			Comment	Туре Е	Comment Status D		Buck
		ex 120F and Annex 120			There	are several bla	ank pages in the draft (apparent	tly at the end of	clauses).
However	, the ammendment	order decree from Dav	id Law has 3ck p	ublishing after 3db	Suggestee	dRemedy			
SuggestedRe	•				Delete	e the empty pa	ges.		
Remove	references to Annex	< 120F and Annex 120	G in the documer	nt	Proposed	Response	Response Status W		
Proposed Re	•	sponse Status W			PROF	POSED ACCER	PT.		
	SED ACCEPT IN PR references to 802.3								
Keniove					C/ 1	SC 1.3	P 18	L 4	# 105
Remove	rows for 120F and 1	20G from this table an	nd Table 167-2		Ran, Adee		Cisco		
C/ FM	SC FM	P10	L 29	# 103	Comment Nothir	51	Comment Status D n this subclause.		Buck
Ran, Adee		Cisco			Suggeste	dRemedy			
Comment Ty		omment Status D		Bucket	Delete	e the subclause	e and editorial instruction, unles	s the next draft a	add some content.
The para	igraph starting on lin	e 29 should be part of	the previous para	agraph (Section Eight).	Proposed	Response	Response Status W		
Also, on	line 130, a space is	missing after "Clause	125".		•	, POSED ACCE	•		
SuggestedRe	emedy								
Delete th	e paragraph break,	insert space between '	"Clause 125" and	"includes".	CI 00	SC O	P 18	L14	# 106
Proposed Re	esponse Res	sponse Status W			Ran, Adee	e	Cisco		
PROPOS	SED ACCEPT IN PR	RINCIPLE.			Comment		Comment Status D		Buck
Correct t	his paragraph to ma	tch latest draft of 802.3	3dc			editorial instru ation inconveni	ctions in this draft appear as bo ent.	okmarks in the t	bookmark pane, making
Remove	the paragraph break	< C			Suggester				
Insert sp	ace between "Claus	e 125" and "includes"				paragraph forr	natting for all editorial instructio	ns to avoid them	h being treated as
		ise 126 include genera			Proposed	Response	Response Status W		
operatior	n as well as 2.5 Gb/s	and 5 Gb/s Physical I	Layer specificatio	ns."	PROF	POSED ACCE	PT IN PRINCIPLE.		
	oh will read "Section ough Annex 136D.	Eight—Includes Claus	e 116 through Cl	ause 140 and Annex	Check	< with the comr	nenter.		
Clause 1 200 Gb/s	16 through Clause 1 and 400 Gb/s operation	24 and associated and ation as well as 200 Gl cludes general informa	b/s and 400 Gb/s	Physical Layer					
Clause 1	26 through Clause 1	30 and associated and Clause 131 provides	nexes include 2.5 general informati	Gb/s and 5 Gb/s ion on 50 Gb/s					
Physical	Layer specifications	h Clause 140 and ass	ociated appayee	includo 50 Ch/c					

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 45	SC 45.2.1.6	P 21	L 26	# 107	C/ 45	SC 45.2.1.22	P 23	L 9	# 110
Ran, Adee		Cisco			Ran, Adee		Cisco		
Comment Ty	ype E	Comment Status D		Bucket	Comment 7	Type TR	Comment Status D		
	for 50GBASE- Inderlined.	BR40-U appears in the base	document (802.	3dc D2.1) so should			n 802.3cn-2019) bits 14:11 bits 12:11, to avoid a single		just 14:12, so the new
SuggestedR	Remedy				Suggested	Remedy			
Remove	e the underline.				Assign	bits 12:11.			
Proposed R	esponse	Response Status W			Proposed F	Response	Response Status W		
	SED ACCEPT	-			PROP	OSED ACCEPT	IN PRINCIPLE.		
50GBAS	SE-BR40-U will	be removed (unchanged row	/s not shown).		Bit 11 i	s reserved for 4			
See con	nments #46 and	d #78.			Dit i i i				
C/ 45	SC 45.2.1.21	P 22	L37	# 108	See rea	sponse to comm	ents #81 and #227 for bit 1	2.	
Ran, Adee	30 43.2.1.21	Cisco	L31	# 108	C/ 45	SC 45.2.1.24	P 23	L 47	# 111
Comment T	vpe TR	Comment Status D			Ran, Adee		Cisco		
	//	1.23 have been assigned by	802 3ck (since l	0. December 2019)	Comment 7	Type TR	Comment Status D		
	not available.	1.20 have been addighed by	002.000 (00000 1	51.0, Becchiber 2010)	Bits 0 a	and 1 of register	1.26 have been assigned b	y 802.3ck (since	D1.0, December 2019
SuggestedR	Remedy				and are	e not available.			
Keep bit	ts 8:7 reserved,	and assign bits 10:9 instead	l (or others base	d on availability).	Suggested	Remedy			
Change	45.2.1.21.0.00	d 45.2.1.21.10 accordingly.			Keep b	its 1:0 reserved,	and assign bits 11:10 inste	ad (or others bas	ed on availability).
Ũ		0,7			Change	e 45.2.1.24.7 and	d 45.2.1.24.8 accordingly.		
Proposed R	SED ACCEPT	Response Status W			Proposed F		Response Status W		
PROPO	SED ACCEPT	IN PRINCIPLE.			, PROP(, DSED ACCEPT	,		
See res	ponse to comm	ents #225 and #239.							
C/ 45	SC 45.2.1.22	P 23	L9	# 109			ents #230 and #240 ients and subclause numbe	irs.	
Ran, Adee		Cisco							
Comment T	vpe E	Comment Status D		Bucket					
	aft is an amendr	nent of 802.3dc-202x, so mo	difications by 80						
SuggestedR	Remedy								
00	editorial instruct	ion.							
Proposed R	esponse	Response Status W							

CI 78	SC 78.1.4	P25	L 8	# 112
Ran, Ade	е	Cisco		
Commen	t Type E	Comment Status D		Bucket
	Bcw is not expe ded here.	ected to be published before 802	2.3db, so its mod	ifications should not be
	not see anythir in the editorial	ng in the table that does not mate instruction.	ch 802.3dc, so tł	nis seems to be only an
Also	applies to two	instances in 116.1.3 (P35 L40 a	ind P38 L27).	
Suggeste	edRemedy			
Fix th	ne editorial inst	ructions.		
PRO		Response Status W PT IN PRINCIPLE. rom editing instructions		
Rem	ove "(as modif	ied by IEEE Std 802.3cw-202x)"	from editing inst	tructions
CI 00	SC 0	P 25	L 20	# 113
Ran, Ade	е	Cisco		
Commen	t Type E	Comment Status D		Bucket
		ences to content that is not incluend endments, they are active (and		are formatted in green,
		cross-references to content in ar 32 and 91) are also formatted in		
Suggeste	dRemedy			
		oss-references plain text in gree	en, and all interna	al cross-references
	e links in black			
	l Response	Response Status W		
PRO	POSED ACCE	PT IN PRINCIPLE.		
Ensu	re that all exte	rnal cross references are green	and not active	
Ensu	re that all inter	mal cross references are black a	and active, worki	ng links.
Note	that Clause 82	2 is not included in 802.3db.		

		0			
C/ 91	SC 91.5.3.3	P30)	L18	# 114
Ran, Ade	е	Cisco			
Comment	tType E	Comment Status	D		Buck
	mended text of graph is missing.	this paragraphs is uncl	ear. The	normative requ	irement of the
	current content is the "shall" is abo	s insufficient for readers	s without	going to the ba	se document to see
Suggeste	dRemedy				
Includ	de the third para	graph in its entirety.			
Proposed	Response	Response Status	w		
	0012 / 1001	T IN PRINCIPLE. aph and not just this se	ntence.		
FEC codev 100G 100G of up indica fails t	sublayer shall be word. When use BASE-DR1, 100 BASE-LR1 PHY to t=15 symbol ating when an er o indicate a code	e capable of correcting d to form a 100GBASE)GBASE-SR2, 100GBA	any com -KP4, 10 SE-SR1 r shall be he RS-Fl ot correct s uncorre	bination of up to 0GBASE-CR2, , 100GBASE-D capable of corr EC sublayer sh ed. The probab acted is not exp	R, 100GBASE-FR1, or ecting any combination all also be capable of ility that the decoder ected to exceed 10–6.

Additions to the base text will be underlined as in the current draft.

C/ 116	SC ·	116.1.3	P37	L10	# 115
Ran, Adee			Cisco		
Comment T	ype	ER	Comment Status)	Bucket
		t expected ot be includ		e 802.3db, so its mod	ifications (400GBASE-

SuggestedRemedy

Fix the editorial instruction, and remove the columns and rows for 400GBASE-ZR.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE. Remove these references to 802.3cw

Remove "(as modified by IEEE Std 802.3cw-202x)"

Remove column and row for 400GBASE-ZR

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

Comment ID 115

Page 20 of 47 11/10/2021 11:32:13 PM

							U		
C/ 116 S	C 116.4	P 38	L 38	# 116	CI 00	SC 0	P 41	L 51	# 118
Ran, Adee		Cisco			Ran, Adee		Cisco		
Comment Type Inserted co	E ntent is not	Comment Status D underlined.		Bucket	Comment Per 1.		Comment Status D e, "must" cannot be used wh	nen stating mandate	Buck bry requirements.
SuggestedRem Apply unde Proposed Resp	rline formatt	ting for the two inserted rows. Response Status W			41, 43		the word "must" appear in te , 55, and 56. These earlier o this word.		
	D ACCEPT.	•			Suggested	lRemedy			
					Chang	e the sentence	s that include "must" based	on similar text in 8	02.3dc D2.1.
C/ 167 S	C 167.1	P 41	L 46	# 117	Proposed	Response	Response Status W		
Ran, Adee		Cisco					T IN PRINCIPLE.		
Comment Type	ER	Comment Status D		Bucket	Impler	nent with editor	ial license.		
802.3-202x	with amend	b be published after 802.3db, Iments not including 802.3ck.	. Therefore claus		See al	so responses to	o comments #232, 233, 234	, 235, 236	
not part of	the amende	d standard and are undefined	1.		C/ 167	SC 167.1	P 42	L 46	# 119
In addition,	the nomeno	clature tables in clauses 80 a	nd 116 do not in	clude annexes 120F	Ran, Adee		Cisco		
and 120G.					Comment	Туре Е	Comment Status D		Buck
		clause 167 to point to these first, several changes will be			convei	ntions, referenc	er relevant information may be res, definitions and abbrevia [B2], etc.)." Does not belor	ations) and Annex	A (bibliography,
tables.	·			•	Suggested	IRemedy			
uggestedRem	nedy				Move	the quoted sent	tence to a separate paragra	ph at the end of the	subclause.
		exes 120F and 120G from Takes s referring to them.	able 167–1 and [·]	Table 167–2, and	Proposed	Response	Response Status W		
Proposed Resp	oonse	Response Status W IN PRINCIPLE.			Move		T IN PRINCIPLE. a new paragraph at the en Clause 150.	d of Clause 167.1 t	o match previous
Remove the	ese referenc	ces to 802.3ck			C/ 167	SC 167.2	P 44	L 7	# 120
		and 120 in Table 167-1 and	Table 167-2. Re	move the editors' notes	Ran, Adee		Cisco		
below each	table.				Comment		Comment Status D		Buck
						ns that there is aph is not justif	an unnecessary line break	after "VR2,", maybe	e because the
					Suggested	IRemedy			
						paragraph form eak if it exists.	atting to justify the paragrap	oh (and others if ne	cessary). Delete the
					Proposed	Response	Response Status W		
					PROP	OSED ACCEP	T.		
							_		_
YPE: TR/tech	nical require	d ER/editorial required GR/	general required	I T/technical E/editorial G/	general		Con	nment ID 120	Page 21 of 47

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 167	SC 167.5.2	P 47	L 36	# 121	C/ 167	SC 167.5.2	P 47	L 43	# 122
, Adee		Cisco			Ran, Adee		Cisco		
nment Ty	pe T	Comment Status D		Bucket	Comment	Туре Т	Comment Status D		Bucket
	smit function co gnal streams.	onverts symbol streams to o	otical signals, no	ot signal streams to			two, and three" - The sente JNITDATA_i.request. "tx_syn		
should be	e fixed in main	nate in clause 138, which ha tenance). The precedence in .2, 151.5.2) should be follow	most other clau		should	be fixed in mair	inate in clause 138, which han ntenance). The precedence in 5.2) should be followed instea	n most other clau	
Similarly	for the receive	function, in the other direction	on, in 167.5.3.		Similar	ly for the receive	e function, with rx_symbols, i	n 167.5.3.	
ggestedRe	emedy				Suggested	Remedy			
"The PM		n action shall convert the one, t ace messages PMD:IS_UNIT		1 2	Chang three".	e "tx_symbols z	ero, one, two, and three" to "	tx_symbol values	zero, one, two, and
separate	optical signal	5			Similar	ly for rx_symbol	s in 167.5.3.		
to "The PM	D Transmit fun	nction shall convert the one, t	wo or four sym	hol streams requested	Proposed I	Response	Response Status W		
by the PI	MD service inte	erface messages PMD:IS_U			PROP	OSED ACCEPT	•		
tour sepa	arate optical sig	gnais".			C/ 167	SC 167.5.5	P 48	L 42	# 123
	3, change from		<i>,</i> ,		Ran, Adee		Cisco		
		ction shall convert the one, ty the MDI into separate sym		iei optical signal	Comment	Гуре Е	Comment Status D		Bucket
to "The PM	D Receive fund	ction shall convert the one, to into one, two, or four separ	vo, or four paral		The se	ntence "Various	implementations of the Sign vant here, and is probably re		
oposed Re		, , , ,	ale symbol str	Edilis .	Suggested	Remedy			
•	SED ACCEPT.	Response Status W			Delete	the quoted sent	ence.		
FROFUC	SED AGGEP 1.				Proposed I	Response	Response Status W		
					-		rom previous clauses. The c	ommenter has no	ot provided a reason to
					C/ 167	SC 167.6	P 50	L1	# <u>124</u>
					Ran, Adee		Cisco		
					Comment	Туре т	Comment Status D		Bucket
						is no RS-FEC su Inction in these	ublayer in 200GBASE-R and PHYs.	400GBASE-R. T	he lane reordering is a
					Suggested	Remedy			
					Chang	e "the RS-FEC s	sublayer is" to "the PCS and	the RS-FEC subl	ayer are".
					Proposed I PROP	Response OSED ACCEPT	Response Status W		
		d ER/editorial required GR/				U/unsatisfied		nent ID 124	Page 22 of 47 11/10/2021 11:3

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

Page 22 of 47 11/10/2021 11:32:13 PM

C/ 167	SC 167.8	P 54	L 3	# 125
Ran, Adee		Cisco		

Comment Type T Comment Status D

The normative requirements from PMDs are stated in 167.7.1 and 167.7.2 with "shall" statements that encompass all the requirements, and refer to 167.8 for definitions.

There is no need to have additional "shall" statements for each of the definitions in 167.8 and its subclauses. These are not additional requirements but definitions of the requirements stated above.

Specifically, the "shall" in 167.8 is not a requirement but a definition of the test conditions. Also, the references to 121.8.9.1, 121.8.9.2, and 121.8.9.3 for SRS are incorrect.

The suggested remedy is to rephrase text in some of the subclauses of 167.8 as definitions, and to delete statements in other subclauses which are repetitions of the existing normative requirement.

(The commenter is aware that the text in question is based on similar text found in many clauses of the base document; However, each clause is independent and a project may and should divert from copied text if it improves the standard. Changing the base document to include these improvements is a separate activity).

SuggestedRemedy

In 167.8, change "shall be made" to "is made".

In 167.8.2, change "shall be within the range given in Table 167–7 if measured per IEC 61280-1-3" to "measurement method is defined in IEC 61280-1-3".

In 167.8.3, change "shall be within the limits given in Table 167–7 if measured using the methods given in IEC 61280-1-1" to "measurement method is defined in IEC 61280-1-1".

In 167.8.4, change "The OMAouter of each lane shall be within the limits given in Table 167–7 if measured as defined in 121.8.4." to "The OMAouter measurement method is defined in 121.8.4."

In 167.8.5, change "The TDECQ of each lane shall be within the limits given in Table 167–7 if measured using the methods specified in 121.8.5" to "The TDECQ measurement method is specified in 121.8.5".

In 167.8.6, delete "The TECQ of each lane shall be within the limits given in Table 167–7 if measured using a test pattern specified for TECQ in Table 167–11."

In 167.8.7, delete "The overshoot/undershoot of each lane shall be within the limits given in Table 167–7 if measured using a test pattern specified for overshoot/undershoot in Table 167–11."

In 167.8.8, delete "The transmitter power excursion of each lane shall be within the limits given in Table 167–7 if measured using a test pattern specified for transmitter power

excursion in Table 167-11."

In 167.8.9, change "The extinction ratio of each lane shall be within the limits given in Table 167–7 if measured using the methods specified in 121.8.6" to "The extinction ratio measurement method is as specified in 121.8.6".

In 167.8.10, delete "The transmitter transition time of each lane shall be within the limits given in Table 167–7 if measured using a test pattern specified for transmitter transition time in Table 167–11."

In 167.8.11, change "RIN shall be as defined by the measurement methodology of 52.9.6 " to "The RIN12OMA measurement method is as specified in 52.9.6".

In 167.8.12, delete "The receiver sensitivity (OMAouter) of each lane shall be within the limits given in Table 167–8 if measured using a test pattern specified for receiver sensitivity in Table 167–11."

In 167.8.13, change "Stressed receiver sensitivity shall be within the limits given in Table 167–8 if measured using the methodology defined in 121.8.9.1 and 121.8.9.3, with the conformance test signal at TP3 as described in 121.8.9.2" to "The stressed receiver sensitivity measurement method is as defined in 121.8.10".

Delete the PICS table in 167.11.4.4.

Proposed Response Response Status W

DISCUSS

The text noted in the comment is taken from 802.3cd. The word "shall" is indeed repeated.

The sentence construction is intended to provide links to Tables in subclause 167.7.

C/ 167	SC 167.8.1.1	P 55	L 26	# 126
Ran, Adee		Cisco		

Comment Type E Comment Status D

This subclause deals with "Multi-lane testing considerations", mostly related to receiver testing. Its hierarchical placement under 167.8.1 "Test patterns for optical parameters" is incorrect.

SuggestedRemedy

Change the hierarchy to make this a level 2 subclause (167.8.2).

Proposed Response Response Status W

DISCUSS

167.8.1.1 is a continuation of the description of testing in 167.8.1.

Subclauses 167.8.2 to 167.8.13 describe specific items in the tables in subclause 167.7.

Comment ID 126

Page 23 of 47 11/10/2021 11:32:13 PM

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 167 SC 167	.8.1.1	P 55	L 42	# 127	C/ 167	SC 167.10.2.	2 P62	L 29	# 130	_
Ran, Adee		Cisco	_		Ran, Adee		Cisco			
Comment Type T	Comment	Status X			Comment T	ype E	Comment Status	D	Buc	cket
does not apply or		sting considerati	tions". Within this		manual), either a multip	is in appropriate. Per plicative dot or a non-k ootnote, use a multipl	preaking space sh	(referred to by the style hould be used.	
SuggestedRemedy					Suggested	Remedy				
	sentence to the par	ent subclause 1	167.8, or to a sepa	arate paragraph at the	00	to "MHz⋅km".				
end of this subcla	ause, or delete it.				Proposed F	Response	Response Status	w		
Proposed Response DISCUSS	Response	Status W			PROPO)SED ACCEPT.				
				"	C/ 167	SC 167.10.2.	2 P62	L 39	# 131	
C/ 167 SC 167	.8.3	P 56	L 5	# 128	Ran, Adee		Cisco			
Ran, Adee		Cisco			Comment T	ype E	Comment Status	D		
Comment Type E "Figure 53–6" is a SuggestedRemedy	<i>Comment</i> a broken link (not fo		ument), and is not	Bucket formatted in green.	contain		tinent separately to ea		itself. Footnote e seems to pes, so may be more	
	r text and format in	forest areen.			Suggested	Remedy				
Proposed Response	Response	Ū			Conside	er moving the co	ontent of the footnotes	into the table or	to the body of the subclause	e.
PROPOSED ACC		Status W			Proposed F	Response	Response Status	w		
					PROPO	SED ACCEPT	IN PRINCIPLE.			
CI 167 SC 167	.9.1	P 59	L 53	# 129		ponses to com	nents #33, 43 ndensed and streamli	nad		
Ran, Adee		Cisco					ndensed and streamin	nea.		
Comment Type E	R Comment	Status D		Bucket	C/ 167	SC 167.10.2.2	2 P62	L 44	# 132	
The "General saf	ety" subclauses in t	he base docum	ent now refer to A	Annex J.	Ran, Adee		Cisco			
					Comment T	ype T	Comment Status	D		
SuggestedRemedy							e en ante e la la la			
Change the body the general safet	y requirements as s			ause shall conform to	amende	ed, the updated	ars in the normative re	eferences list in 1 n the expected pu	ublication year) should be	
Change the body the general safet Also change PIC	y requirements as s S item ES1.	specified in J.2".		ause shall conform to	amende placed	ed, the updated in 1.3 as well as	ars in the normative re reference pointer (with the editor's note about	eferences list in 1 n the expected pu ut its expected pu	ublication year) should be ublication.	
Change the body the general safet Also change PIC Proposed Response	y requirements as s S item ES1. <i>Response</i> :	specified in J.2". Status W		ause shall conform to	amende placed If this d	ed, the updated in 1.3 as well as ocument been li	ars in the normative re reference pointer (with the editor's note about	eferences list in 1 n the expected pu ut its expected pu	ublication year) should be	
Change the body the general safet Also change PIC Proposed Response PROPOSED ACC	y requirements as s S item ES1. <i>Response</i> CEPT IN PRINCIPL	specified in J.2". <i>Status</i> W .E.		ause shall conform to	amende placed If this d Suggestedf	ed, the updated in 1.3 as well as ocument been li Remedy	ars in the normative re reference pointer (with the editor's note about	eferences list in 1 n the expected pu ut its expected pu	ublication year) should be ublication.	
Change the body the general safet Also change PIC Proposed Response PROPOSED ACC	y requirements as s S item ES1. <i>Response</i> :	specified in J.2". <i>Status</i> W .E.		ause shall conform to	amende placed If this d Suggestedf Per cor	ed, the updated in 1.3 as well as ocument been li Remedy nment.	ars in the normative ru reference pointer (with the editor's note about aised to 802.3, please	eferences list in 1 in the expected pu ut its expected pu e include its point	ublication year) should be ublication.	
Change the body the general safet Also change PIC Proposed Response PROPOSED ACC	y requirements as s S item ES1. <i>Response</i> CEPT IN PRINCIPL	specified in J.2". <i>Status</i> W .E.		ause shall conform to	amende placed If this d Suggested/ Per cor Proposed F PROPC	ed, the updated in 1.3 as well as ocument been li Remedy nment.	ars in the normative ru reference pointer (with the editor's note about aised to 802.3, please <i>Response Status</i> IN PRINCIPLE.	eferences list in 1 in the expected pu ut its expected pu e include its point	ublication year) should be ublication.	
the general safet Also change PIC Proposed Response PROPOSED ACC	y requirements as s S item ES1. <i>Response</i> CEPT IN PRINCIPL	specified in J.2". <i>Status</i> W .E.		ause shall conform to	amende placed If this d Suggestedf Per cor Proposed F PROPO This foo	ed, the updated in 1.3 as well as ocument been li <i>Remedy</i> nment. <i>Response</i> OSED ACCEPT othote needs to l	ars in the normative ru reference pointer (with the editor's note about aised to 802.3, please <i>Response Status</i> IN PRINCIPLE.	eferences list in 1 in the expected pu ut its expected pu e include its point	ublication year) should be ublication.	

SORT ORDER: Comment ID

C/ 167	SC 167.10.3	P 63	L17	# 133	C/ 167	SC 16	67.1	P 41	L 46	# 136
Ran, Adee		Cisco			Brown, Mat	tt		Huawei		
Comment T	<i>уре</i> т	Comment Status D		Bucket	Comment	Гуре I	ER	Comment Status D		Bucke
	apply only to the	sting is done at TP3 which is transmitter.	the MDI per 16	7.5.1. So the note	after 80 the Wo	02.3db ac orking Gro	ccording	120G are defined in 802.3ck to the published timelines ar air. This further established in	d the amendme the front matter	ent order proposed by on page 1 and page
Change		o "Transmitter compliance t	esting is perform	ned at TP2 as defined	relevar	nt to the F	PHÝs de	ws that 802.3ck does not prece ofined in this clause then this elevant clauses in 802.3ck.		
Proposed F PROPC	Response DSED REJECT.	Response Status W				our inten		nt out that AUIs with 100 Gb/s at.	per lane signal	ing may exist then use
TP3 is"	at the output of th	ne fiber optic cabling at the I	MDI" and not the	MDI itself. The current	Suggested	Remedy				
	appropriate.			// [ra.		e 167-1 a editor's i		le 167-2 delete rows for Anne	x 120F and An	nex 120G. Remove the
C/ 167	SC 167.10.3.1	P 63	L18	# 134	Proposed I	Response	Э	Response Status W		
Ran, Adee		Cisco			PROP	OSED AC	CCEPT	IN PRINCIPLE.		
Comment 7	_{уре} т	Comment Status D		Bucket	Remov	ve referer	nces to a	802.3ck		
	clear why there a ASE-VR1 MDIs.	re no optical lane assignme	nts for the 100G	BASE-VR1 and	Remov	ve rows fo	or 120F	and 120G in Table 167-1 and	Table 167-2	
Suggestedl	Remedy				Remov	e editors	' notes	for both tables.		
		Igram for the single-lane ME	I lane assignme	ents, or add a text or	C/ 167	SC 16	67.1	P41	L11	# 137
Proposed F	Response	Response Status W			Brown, Mat	tt		Huawei		
	OSED REJECT.				Comment	Гуре I	E	Comment Status D		Bucke
This is	consistent with p	revious clauses i.e. Clause	138.					it Ethernet operates over one		
C/ 167	SC 167.11.4.3	P 69	L 36	# 135	•		g to refle	ect that. Append the sentence	with ", respecti	vely".
Ran, Adee		Cisco			Suggested					
Comment T	vpe E	Comment Status D		Bucket				ovide point-to-point 100, 200, of multimode fiber, respectivel		
	51	S1 and S2 are invalid and u	nnecessary.	200101		and page			y. Apply simila	r change at page 42
Suggestedl	Remedy		,		Proposed I	Response	Э	Response Status W		
00		ent in both items.			PROP	OSED AC	CCEPT.	,		
Proposed F		Response Status W								

Double check those two cells in this table to see what should be in them.

C/ 80	SC 80.1.4	P 27	L15	# 138	C/ 91	SC	91.7.3	P 32	L 5	# 141
Brown, Mat	tt	Huawei			Brown, Ma	att		Huawei		
Comment T	Туре Е	Comment Status D		Bucke	Comment	Туре	Е	Comment Status D		Bucke
		n with insertion mark-up with nange" not "insert" and no fur			Since verbo		inges are o	clearly shown with insert ma	ark-up the instruc	tion is unecessarily
Suggested	Remedy				Suggestee	dRemea	ły			
Change shown)		to: "Change Table 80-1 as fo	llows (some unc	nanged rows not	Chang not sh	0	nstruction	to: "Change the table in 91.	7.3 as follows (so	ome unchanged rows
Proposed F PROP	Response DSED ACCEPT.	Response Status W			Proposed PROF		nse ACCEPT.	Response Status W		
C/ 80	SC 80.4	P 28	L 47	# 139	C/ 91	SC	91.7.4.1	P33	L 4	# 142
Brown, Mat	tt	Huawei			Brown, Ma	att		Huawei		
Comment T	Туре Е	Comment Status D		Bucke	Comment	Туре	Е	Comment Status D		Bucke
		n with insertion mark-up with nange" not "insert" and no fur			Since verbos		inges are o	clearly shown with insert ma	ark-up the instruc	tion is unecessarily
Suggested	Remedy				Suggestee	dRemea	ly			
Change shown)		to: "Change Table 80-6 as fo	llows (some unc	nanged rows not				to: "Change the table in 91." he table in 91.7.4.2.	7.4.1 as follows (some unchanged rows
Proposed F	Response	Response Status W			Proposed	Respor	ise	Response Status W		
PROP	OSED ACCEPT.				PROF	POSED	ACCEPT.			
C/ 80	SC 80.4	P 28	L14	# 140	C/ 116	SC	116.1.3	P 35	L 21	# 143
Brown, Mat	tt	Huawei			Brown, Ma	att		Huawei		
Comment T	Туре Е	Comment Status D		Bucke	Comment	Туре	Е	Comment Status D		Bucke
	row has think be	order at top.					with the c inchanged	onvention you've used in ot text?	ther tables and us	se change mark-up and
uggested Change	e top border to "	(on thin"			Suggestee	dRemea	ly			
0	•							to: "Change Table 116-1 as		
	DSED ACCEPT							in new rows and add prece tables (including Table 16 ²		
Ensure	that all borders	in this table are consistent wi	ith other tables.		Proposed	Respor	nse	Response Status W		
					-			IN PRINCIPLE. th other tables.		
								to: "Change Table 116-1 as in new rows and add prece		
					Annly	to othe	r amender	tables (including Table 116	S-7) with similar a	diting instructions

Comment ID 143

Page 26 of 47 11/10/2021 11:32:14 PM

C/ 116 SC ·	116.1.3	P 35	L 41	# 144	C/ 167	SC 167.8.5	P 56	L 37	# 147
Brown, Matt		Huawei			Brown, Matt		Huawei		
Comment Type	E	Comment Status D		Bucket	Comment Ty	/pe E	Comment Status D		Bucket
		ith insertion mark-up wit			The wor	d "must" in this	context is deprecated.		
		ge" not "insert" and no fu	urther details are	required.	SuggestedR	Remedy			
SuggestedRemed Change the in shown)". Simi	struction to:	"Change Table 116-2 as 116.4.	follows (some ur	changed rows not	the impa	act of the samp	wing or similar: "If an equiva ling process and the fiber er of noise is present at the out	nulation is also co	ompensated for, so that
Proposed Respon	ise F	Response Status W			Proposed R	esponse	Response Status W		
PROPOSED	ACCEPT.				PROPO	SED ACCEPT	IN PRINCIPLE.		
C/ 167 SC ·	167.1	P 41	L 5 1	# 145	Sentenc	e will read as:			
51	_	Huawei Comment Status D ntext is deprecated.		Bucket	process	and the fiber e	ampling oscilloscope is used mulation is compensated for of the equalizer."		
SuggestedRemed	ly				C/ 167	SC 167.3.2	P 45	L 26	# 148
		ble 167-1 and Table 167			Brown, Matt		Huawei		
		CGMII is not implemente RS and CGMII were pres		nplementation benaves	Comment Ty	/pe E	Comment Status D		Bucket
Proposed Respon PROPOSED Remove "mus	ACCEPT IN I	Response Status W PRINCIPLE. e with 802.3dc D2.1				n addressed by	context is deprecated. For s comments against 802.3dc		
See response	to comment	#232			00	2	e in similar clauses in 802.3	dc D2.1. Also in	167.5.3
· · ·	407.044	055	1.00	# [Proposed R		Response Status W		
-	167.8.1.1	P55	L 33	# 146			IN PRINCIPLE.		
Brown, Matt	-	Huawei Comment Status D		Bucket	Remove	e "must" to be ir	n line with 802.3dc D2.1		
	—	ntext is deprecated.		Buckel	See res	ponses to comr	ments #234 and 235		
SuggestedRemed		·			C/ 167	SC 167.1	P 43	L 32	# 149
		g or similar: "If each land			Stassar, Pet	er	Huawei		
,		nes, and the BER for tha	t stressed lane al	one is found"	Comment Ty	/pe ER	Comment Status D		Bucket
Proposed Respon	-	Response Status W			Missing	em dash betwe	een "FIBER" and "50 m" & "?	00 m"	
PROPOSED	ACCEPTINI	PRINCIPLE.			SuggestedR	lemedy			
Sentence will	read as sugg	gested:			Add em m"	dash plus 2 sp	aces between "FIBER" and	"50 m", and betw	een "FIBER" and "100
		turn, the BER is diluted alone is found,"	by the three unst	ressed lanes, and the	Proposed R PROPO	esponse SED ACCEPT.	Response Status W		
TYPE: TR/technic	al required E	ER/editorial required GR ched A/accepted R/reje	/general required	T/technical E/editorial G/	general		Comm	ent ID 149	Page 27 of 47

SORT ORDER: Comment ID

C/ 167 SC 167.3.2.1	P 45	L 30	# 150	C/ 167 SC 167.8.1.1	P 55	L 28	# 153
Stassar, Peter	Huawei			Stassar, Peter	Huawei		
Comment Type ER Unnecessary adding of s	Comment Status D subclause 167.3.2.1		Bucket	Comment Type ER C Wrong cross reference.	Comment Status D		Bucke
SuggestedRemedy Move contents of 167.3.	2.1 to 167.3.2 and remove I	heading of 167.3	.2.1	SuggestedRemedy Change cross reference "Fig	gure 167.1.1" to section	"167.1.1"	
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response Re PROPOSED ACCEPT.	esponse Status W		
C/ 167 SC 167.5.1	P 46	L 40	# 151	C/ 1 SC 1.4.103a	P 18	L 28	# 154
Stassar, Peter	Huawei			Dudek, Mike	Marvell		
Comment Type ER	Comment Status D		Bucket		Comment Status D		Bucke
	diagrams for 200GBASE-V			200GBASE-SR2 should use	200GBASE-R encodin	g	
	0GBASE-SR1 are equivale on, respectively." is ambigue		-2, but for two fanes	SuggestedRemedy			
SuggestedRemedy				Change 100GBASE_R to 20	00GBase R.		
				Proposed Response Re	Chathan M		
equivalent to Figure 167	block diagrams for 200GB/ -2, but for two lanes per dir 0GBASE-SR1 are equivale	ection. The block	k diagrams for	PROPOSED ACCEPT.	esponse Status W		
equivalent to Figure 167	block diagrams for 200GB/ –2, but for two lanes per dir 0GBASE-SR1 are equivale	ection. The block	k diagrams for		P18	L 34	# 155
equivalent to Figure 167 100GBASE-VR1 and 10 direction."	–2, but for two lanes per dir	ection. The block	k diagrams for	PROPOSED ACCEPT.	•	L34	# [155
equivalent to Figure 167 100GBASE-VR1 and 10	–2, but for two lanes per dir 0GBASE-SR1 are equivale	ection. The block	k diagrams for	PROPOSED ACCEPT. <i>Cl</i> 1 SC 1.4.103a Dudek, Mike	P18	L34	# 155 Bucke
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response	–2, but for two lanes per dir 0GBASE-SR1 are equivale	ection. The block	k diagrams for	PROPOSED ACCEPT. <i>Cl</i> 1 SC 1.4.103a Dudek, Mike	P18 Marvell Comment Status D	-	
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response PROPOSED ACCEPT.	–2, but for two lanes per dir 0GBASE-SR1 are equivale <i>Response Status</i> W	rection. The block nt to Figure 167-	k diagrams for -2, but for one lane per	PROPOSED ACCEPT. <i>Cl</i> 1 SC 1.4.103a Dudek, Mike <i>Comment Type</i> T C	P18 Marvell Comment Status D	-	
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response PROPOSED ACCEPT. Cl 167 SC 167.7 Stassar, Peter	–2, but for two lanes per dir 0GBASE-SR1 are equivale <i>Response Status</i> W <i>P</i> 50	rection. The block nt to Figure 167-	k diagrams for -2, but for one lane per	PROPOSED ACCEPT. <i>Cl</i> 1 <i>SC</i> 1.4.103a Dudek, Mike <i>Comment Type</i> T <i>C</i> 200GBASE-VR2 should use	P18 Marvell Comment Status D 200GBASE-R encodin	-	
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response PROPOSED ACCEPT. Cl 167 SC 167.7 Stassar, Peter	–2, but for two lanes per dir 0GBASE-SR1 are equivale <i>Response Status</i> W <i>P</i> 50 Huawei <i>Comment Status</i> D	rection. The block nt to Figure 167-	k diagrams for -2, but for one lane per # 152	PROPOSED ACCEPT. <i>Cl</i> 1 <i>SC</i> 1.4.103a Dudek, Mike <i>Comment Type</i> T <i>C</i> 200GBASE-VR2 should use <i>SuggestedRemedy</i> Change 100GBASE_R to 20	P18 Marvell Comment Status D 200GBASE-R encodin	-	
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response PROPOSED ACCEPT. C/ 167 SC 167.7 Stassar, Peter Comment Type ER Missing comma after 200	–2, but for two lanes per dir 0GBASE-SR1 are equivale <i>Response Status</i> W <i>P</i> 50 Huawei <i>Comment Status</i> D	rection. The block nt to Figure 167-	k diagrams for -2, but for one lane per # 152	PROPOSED ACCEPT. <i>Cl</i> 1 <i>SC</i> 1.4.103a Dudek, Mike <i>Comment Type</i> T <i>C</i> 200GBASE-VR2 should use <i>SuggestedRemedy</i> Change 100GBASE_R to 20	P18 Marvell Comment Status D 200GBASE-R encodin 00GBase R.	-	
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response PROPOSED ACCEPT. C/ 167 SC 167.7 Stassar, Peter Comment Type ER Missing comma after 200	–2, but for two lanes per dir 0GBASE-SR1 are equivale <i>Response Status</i> W <i>P</i> 50 Huawei <i>Comment Status</i> D 0GBASE-SR2	rection. The block nt to Figure 167-	k diagrams for -2, but for one lane per # 152	PROPOSED ACCEPT. C/ 1 SC 1.4.103a Dudek, Mike Comment Type T C 200GBASE-VR2 should use SuggestedRemedy Change 100GBASE_R to 20 Proposed Response Re PROPOSED ACCEPT.	P18 Marvell Comment Status D 200GBASE-R encodin 00GBase R. esponse Status W	g	Bucke
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response PROPOSED ACCEPT. Cl 167 SC 167.7 Stassar, Peter Comment Type ER Missing comma after 200 SuggestedRemedy Add comma after 200GE	–2, but for two lanes per dir 0GBASE-SR1 are equivale <i>Response Status</i> W <i>P</i> 50 Huawei <i>Comment Status</i> D 0GBASE-SR2	rection. The block nt to Figure 167-	k diagrams for -2, but for one lane per # 152	PROPOSED ACCEPT. C/ 1 SC 1.4.103a Dudek, Mike Comment Type T C 200GBASE-VR2 should use SuggestedRemedy Change 100GBASE_R to 20 Proposed Response Resp	P18 Marvell Comment Status D 200GBASE-R encodin 00GBase R. esponse Status W P18	-	
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response PROPOSED ACCEPT. Cl 167 SC 167.7 Stassar, Peter Comment Type ER Missing comma after 20 SuggestedRemedy	–2, but for two lanes per dir 0GBASE-SR1 are equivale <i>Response Status</i> W <i>P</i> 50 Huawei <i>Comment Status</i> D 0GBASE-SR2	rection. The block nt to Figure 167-	k diagrams for -2, but for one lane per # 152	PROPOSED ACCEPT. <i>Cl</i> 1 <i>SC</i> 1.4.103a Dudek, Mike <i>Comment Type</i> T <i>C</i> 200GBASE-VR2 should use <i>SuggestedRemedy</i> Change 100GBASE_R to 20 <i>Proposed Response Re</i> PROPOSED ACCEPT. <i>Cl</i> 1 <i>SC</i> 1.4.103a Dudek, Mike	P18 Marvell Comment Status D 200GBASE-R encodin D0GBase R. esponse Status W P18 Marvell	g	Bucke # <u>156</u>
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response PROPOSED ACCEPT. Cl 167 SC 167.7 Stassar, Peter Comment Type ER Missing comma after 200 SuggestedRemedy Add comma after 200GE Proposed Response	–2, but for two lanes per dir 0GBASE-SR1 are equivale <i>Response Status</i> W <i>P</i> 50 Huawei <i>Comment Status</i> D 0GBASE-SR2	rection. The block nt to Figure 167-	k diagrams for -2, but for one lane per # 152	PROPOSED ACCEPT. <i>Cl</i> 1 <i>SC</i> 1.4.103a Dudek, Mike <i>Comment Type</i> T <i>C</i> 200GBASE-VR2 should use <i>SuggestedRemedy</i> Change 100GBASE_R to 20 <i>Proposed Response Re</i> PROPOSED ACCEPT. <i>Cl</i> 1 <i>SC</i> 1.4.103a Dudek, Mike	P18 Marvell Comment Status D 200GBASE-R encodin 200GBase R. 200GBase R. 200GBa	g L 40	Bucke
equivalent to Figure 167 100GBASE-VR1 and 10 direction." Proposed Response PROPOSED ACCEPT. Cl 167 SC 167.7 Stassar, Peter Comment Type ER Missing comma after 200 SuggestedRemedy Add comma after 200GE Proposed Response	–2, but for two lanes per dir 0GBASE-SR1 are equivale <i>Response Status</i> W <i>P</i> 50 Huawei <i>Comment Status</i> D 0GBASE-SR2 BASE-SR2	rection. The block nt to Figure 167-	k diagrams for -2, but for one lane per # 152	PROPOSED ACCEPT. <i>Cl</i> 1 <i>SC</i> 1.4.103a Dudek, Mike <i>Comment Type</i> T <i>C</i> 200GBASE-VR2 should use <i>SuggestedRemedy</i> Change 100GBASE_R to 20 <i>Proposed Response Re</i> PROPOSED ACCEPT. <i>Cl</i> 1 <i>SC</i> 1.4.103a Dudek, Mike <i>Comment Type</i> T <i>C</i>	P18 Marvell Comment Status D 200GBASE-R encodin 00GBase R. esponse Status W P18 Marvell Comment Status D 2400GBASE-R encodin	g L 40	Bucke # <u>156</u>

C/ 1	SC 1.4.103a	P18	L 46	# 157	C/ 116	SC 116.4	P 38	L18	# 160
Dudek, Mik	æ	Marvell			Dudek, N	like	Marvell		
Comment	Туре Т	Comment Status D		Buc	cket Commer	t Type E	Comment Status D		Bucke
400GB	ASE-VR2 should	use 400GBASE-R encoding			The	ormat of the Max	k bit times isn't consitent in the	same table	
Suggested	Remedy				Suggest	edRemedy			
Chang	e 100GBASE_R	to 400GBase R.					"4 096" also on line 19. The s	same issue may	exist in Table 116-7
Proposed I	Response	Response Status W				he other lines are			
PROP	OSED ACCEPT.				•	l Response	Response Status W		
	SC 91.6.3	P 31	L 4	# 158		POSED ACCEP	T IN PRINCIPLE.		
C/ 91			L 4	# 158					
Dudek, Mik		Marvell		Due		response to com	ment #51		
Comment	51	Comment Status D with 802.3dc but "PMDs." sho	ould not be afte	Buc r DR	C/ 167	SC 167.1	P 41	L 29	# 161
			buid not be alte		Dudek, N	like	Marvell		
Suggested	Remeay PMDs on row 4				Commer	t Type E	Comment Status D		Bucke
Proposed I		Desmanas Status III			In ta	ole 167-1 Clause	91 is out of order compared w	ith table 140-1 in	802.3dc
•	OSED ACCEPT.	Response Status W			Suggest	edRemedy			
	OSED ACCELL				Mov	e clause 91 after	clause 83		
C/ 116	SC 116.1.2	P 35	L16	# 159	Propose	d Response	Response Status W		
Dudek, Mik	e	Marvell			-		T IN PRINCIPLE.		
Comment	Туре Е	Comment Status D		Buc	cket Reo	der this table cor	nsistent with D2.1 of 802.3dc		
With o	nly 2 items "all" is	sn't appropriate "both" is bette	er		Mov	e row "91 - RS-Fl	EC" below row "83 - PMA for 10	00GBASE-R"	
Suggested					C/ 167	SC 167.1.1	P 43	L43	# 162
Chang	e "all" to "both"				Dudek, N		Marvell	243	# 102
Proposed I	Response	Response Status W			Commer		Comment Status D		Bucke
	OSED ACCEPT					51	e. 1.4.303 is the "end of packe	et de-limiter".	Duono
Replac						edRemedy	·		
					00		4.344 . Also on line 52		
						l Response	Response Status W		
					,	,	T IN PRINCIPLE.		
					-		-		
					Cha	nge "1.4.303" to '	1.4.344" on line 43 and line 52		

C/ 167 SC 167.	5.1 <i>P</i> 46	L 47	# 163		C/ 167	SC 167.8.6	P 57	L 42	# 166
Dudek, Mike	Marvell				Dudek, Mi	ke	Marvell		
Comment Type E	Comment Status D			Bucket	Comment	Type TR	Comment Status D		
missing words.					The fit	per dispersion is	now the first filter not the se	cond	
SuggestedRemedy					Suggested	Remedy			
Change "defined ir to 167.7.1	n are made" to "defined in this cla	ause are made"	or add cross ref	erence			e second filter representing ter representing the dispers		
Proposed Response	Response Status W				Proposed	Response	Response Status W		
PROPOSED ACC Add cross referend	EPT IN PRINCIPLE. ce to 168.8.				PROP	OSED ACCEPT			
0					C/ 167	SC 167.8.7	P 57	L 50	# 167
See response to c	comment #62				Dudek, Mi	ke	Marvell		
C/ 167 SC 167.	5.1 P47	L1	# 164		Comment	Туре Т	Comment Status D		Bucket
Dudek, Mike	Marvell						aving a narrower bandwidth		
Comment Type E missing words.	Comment Status D			Bucket	TDEC		ot/undershoot making the te (Note this is different than s the overshoot.)		
SuggestedRemedy					Suggested	Remedy			
to 167.7.2 Proposed Response PROPOSED ACC Add cross referenc					TDEC the wa being each o "Overs	Q test (see 167.8 aveform captured applied in case." to shoot and unders	d undershoot are measured 3.5) and for the TECQ test (see 167 hoot are measured using th but the reference equalizer b	.8.6), but without e waveform capt	the reference equalizer
See response to c	comment #63				Proposed	Response	Response Status W		
C/ 167 SC 167.8 Dudek, Mike	8.5.1 <i>P</i> 57 Marvell	L15	# 165		-	OSED ACCEPT ment with editoria	-		
Comment Type T	Comment Status D			Bucket	C/ 167	SC 167.8.7	P57	L 53	# 168
The sentence isn't	t precisely stating that the referen	ce equalizer has	9 taps (just that	9 taps	Dudek, Mil	ke	Marvell		
are shown in Figur	re 167-4				Comment		Comment Status D		Bucket
SuggestedRemedy Change to "A func	tion model of the 9 tap reference	equalizer is show	wn"		Better	51	e used as 140.7.7 uses a di	fferent hit ratio.	
Proposed Response	Response Status W				Suggested	Remedy			
PROPOSED ACC Implement with ed	EPT IN PRINCIPLE. litorial license.				Chang	e "using the met	hods in 140.7.7 with the hit it ratio of 3E-3 is used"	ratio of 3E-3" to "	using the methods in
					Proposed	Response	Response Status W		
						OSED ACCEPT	IN PRINCIPLE.		
TYPE: TR/technical re	quired ER/editorial required GR D/dispatched A/accepted R/reie	/general required	T/technical E/	editorial G/g	general			nent ID 168	Page 30 of 47

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

11/10/2021 11:32:14 PM

2/167	SC 167.8.13	P 59	L13	# 169	CI 80	SC 80	0.1.1	P 28	L11	# 172
Oudek, Mike		Marvell			Slavick, Je	eff		Broadcom		
comment Typ	be T	Comment Status D		Bucket	Comment	Туре	TR	Comment Status D		
		n 167.8.6. It needs to be tied mbined in one bullet.	I to TECQ that i	s described. Also two	100GA Suggested		Ũ	rom Table 80-5, but is present	in Table 167	-1
uggestedRe	medy				00			Table 80-5 with the same edit	ors note that i	is after Table 167-1
is no grea Make the equal to tl	ater than the va second bullet he value of the	stressed receiver conformand alue specified in Table 167-7 "The SECQ of the stressed TECQ of the signal measur ble reflector shown in Figure	recevier conform	nance test signal is 167.8.6 except that the	Proposed PROP	Response	e CCEPT	Response Status W IN PRINCIPLE.		
roposed Res	sponse	Response Status W			C/ 116	SC 11	16.1.4	P 36	L 29	# 173
PROPOS	ED ACCEPT I	, N PRINCIPLE.			Slavick, Je	eff		Broadcom		
Implemen	nt with editorial	license.			Comment	Туре	TR	Comment Status D		
167	SC 167.11.4.3	P 69	L37	# 170	200GA	AUI-2 is m	nissing f	rom Table 116-4, but is preser	nt in Table 16	7-2
udek, Mike		Marvell			Suggested	dRemedy				
omment Typ	be E	Comment Status D		Bucket	Add 12	20F and 1	120G to	Table 116-4 with the same ed	itors note that	t is after Table 167-2.
Missing re				200100	Proposed	Response	е	Response Status W		
uqqestedRe	medv				-			IN PRINCIPLE.		
00	,	ns in 167.8 " on lines 36 and	1 38		Remo	ve all refe	erences	to 802.3ck		
roposed Res	sponse	Response Status W			C/ 116	SC 11	16.1.4	P 36	L16	# 174
	ED ACCEPT.				Slavick, Je	eff		Broadcom		
					Comment	Туре	TR	Comment Status D		
116	SC 116.2.5	P 38	LO	# 171	400GA	AUI-4 is m	nissing f	rom Table 116-5, but is preser	nt in Table 16	7-2
avick, Jeff		Broadcom			Suggested	Remedy				
omment Typ		Comment Status D			Add 12	20F and 1	120G to	Table 116-5 with the same ed	itors note that	t is after Table 167-2.
	sts the clauses 37 in that list.	that provide the definition fo	or 200G and 400	Gs PMDs. Need to	Proposed	Response	е	Response Status W		
uggestedRe	medv							IN PRINCIPLE.		
	-	last paragraph for 116.2.5 fo	or rate.		Kemo	ve referer	nces to 8	3UZ.3CK		
roposed Res		Response Status W								
PROPOS	, ED ACCEPT I	N PRINCIPLE. and editing instructions as r	needed.							

SC 167.11 ype TR 950-1 has be Remedy to "Conform esponse 9SED ACCEF	Do <i>Comment Sta</i> een removed and the ns to J.2" <i>Response Sta</i>	e updated refere		# [<u>178</u>
250-1 has be Remedy to "Conform response	Comment Sta een removed and the ns to J.2" Response Sta	atus D e updated refere		nnex J
250-1 has be Remedy to "Conform response	een removed and the ns to J.2" <i>Response Sta</i>	e updated refere	ences are in A	nnex J
Remedy to "Conform esponse	ns to J.2" <i>Response Sta</i>		ences are in A	nnex J
to "Conform esponse	Response Sta	itus W		
esponse	Response Sta	tus W		
•		itus W		
SED ACCEI	PT.			
SC 167.7.1	.1	P 51	L 30	# 179
ana	B	roadcom Inc.		
ype T	Comment Sta	atus X		
	ershoot (max) value o le value as single mo FFF			
Remedy	1			
2	indershoot (max) as scu).	29% at 3E-3 h	it ratio (equiva	lent to 22% at 1E-2
esponse	Response Sta	tus W		
accompanyi	ing presentation.			
SC 167.7.1		P 51	L 32	# 180
ana				
ype T	Comment Sta	atus X	167-7 was prop	posed for a hit ratio o
ype T itter power e	Comment Sta	atus X	167-7 was prop	posed for a hit ratio o
ype T itter power e: Remedy	Comment Sta excursion (max) of 2	atus X dBm in Table 1		
ype T itter power e: Remedy transmitter p	Comment Sta excursion (max) of 2 power excursion (ma	atus X dBm in Table 1 ax) as 2.3 dBm		
ype T itter power e: Remedy transmitter p esponse	Comment Sta excursion (max) of 2 power excursion (ma Response Sta	atus X dBm in Table 1 ax) as 2.3 dBm		
ype T itter power e: Remedy transmitter p esponse	Comment Sta excursion (max) of 2 power excursion (ma Response Sta	atus X dBm in Table 1 ax) as 2.3 dBm		
ype T itter power e: Remedy transmitter p esponse	Comment Sta excursion (max) of 2 power excursion (ma Response Sta	atus X dBm in Table 1 ax) as 2.3 dBm		
Ty mi dR fy Re	Type T mitter power e dRemedy iy transmitter Response	Type T Comment State mitter power excursion (max) of 2 dRemedy ty transmitter power excursion (max)	Type T Comment Status X mitter power excursion (max) of 2 dBm in Table dRemedy dRemedy fy transmitter power excursion (max) as 2.3 dBm Response Response Status W	Type T Comment Status X mitter power excursion (max) of 2 dBm in Table 167-7 was proposed dRemedy ty transmitter power excursion (max) as 2.3 dBm at 3E-3 hit rat Response Response Status W

C/ 167	SC 167.8.5	P 56	L11	# 181	CI 80	SC 80.1.1	P 28	L 1	# 185
Murty, Ram	nana	Broadcom Inc			Huber, Tor	m	Nokia		
Comment	Туре Т	Comment Status D			Comment	51	Comment Status D		Bucket
The TD	DECQ test for a m	nulti-mode link uses a fiber e	mulation filter in	place of a real fiber.	The he	eading number fo	r the subclause titled "Phy	vsical Layer signalir	ng systems" is 80.1.5
Suggested	Remedy				Suggested				
Add a f	figure to show the	e TDECQ conformance test b	olock diagram, s	imiilar to Figure 121-4.	Chang	ge 80.1.1 to 80.1.	5		
Proposed I	Response	Response Status W			Proposed	Response	Response Status W		
	SED ACCEPT I sponse to commo					OSED ACCEPT.			
C/ 1	SC 1.4	P18	L 28	# 182	C/ 80	SC 80.1.1	P 28	L 8	# 186
Huber, Ton	n	Nokia			Huber, Tor		Nokia		
Comment		Comment Status D		Bucket	Comment	51	Comment Status D		Bucket
		be described as using 2000	BASE-R encod			0	v columns in Table 805 i clause number as a headi		ile all other columns in
Suggested	Remedv	-		-	Suggested				
	-	BASE-R encoding" to "	using 200GBAS	E-R encoding"	00	2	om "Clause 167" to "167"		
Proposed I	Response	Response Status W			Proposed	Response	Response Status W		
PROP	OSED ACCEPT.				PROP	OSED ACCEPT.	,		
C/ 1	SC 1.4	P18	L 34	# 183	C/ 116	SC 116.1.4	P36	L 32	# 187
Huber, Ton	n	Nokia			Huber, Tor	m	Nokia		
Comment	51	Comment Status D		Bucket	Comment	51	Comment Status D		Bucket
		be described as using 2000	BASE-R encod	ing		0	v columns in Table 116-4 clause number as a headi	,	hile all other columns in
Suggested	-			Densedian "	Suggested				
-	-	BASE-R encoding" to "	using 200GBAS	E-R encoding"		-	om "Clause 167" to "167"		
Proposed I	•	Response Status W			Proposed	, C	Response Status W		
PROP	OSED ACCEPT.				•	OSED ACCEPT.			
C/ 1	SC 1.4	P 18	L 40	# 184					
Huber, Ton	n	Nokia							
Comment 1 400GB	51	Comment Status D	BASE-R encod	Bucket					
Suggested Chang	•	BASE-R encoding" to "	using 400GBAS	E-R encoding"					
0	Response	Response Status W	0	J					
Proposeo r									
	OSED ACCEPT.								

11/10/2021 11:32:14 PM

C/ 116	SC	116.1.4	P 37	L 14	# 188	C/ 116	SC	116.5	P38	L 54	# 190
Huber, Ton	n		Nokia			Huber, Tor	n		Nokia		
Comment	Туре	т	Comment Status D		Bucket	Comment	Туре	Е	Comment Status D		Bucke
publish	ned prie would b	or to P802 be publish	olumns for 400GBASE-ZR, a .3db. Since P802.3cw is not ed first.	assuming that P8 yet in working g	02.3cw would be roup ballot, it not clear	impac Given	ted by that 80	802.3cw, s	e to tables 116-8 and 116-9 o there is no need for the ec ot yet in working group ballo lb.	iting instruction	to reference 802.3cw.
		•	or 400GBASE-ZR from the ta	bla and modify	the editing instruction	Suggested	Reme	dv			
			by IEEE Std 802.3cw-202x)"			00		,	y IEEE Std 802.3cw-202x)"	from the editing	instruction
Proposed I	Respoi	nse	Response Status W			Proposed	Respo	nse	Response Status W		
-		ACCEPT rences to	IN PRINCIPLE. 802.3cw			PROP	OSED	ACCEPT.	-		
Pemo	/o "/os	modified	by IEEE Std 802.3cw-202x)"	from editing inst	ructions	C/ 167	SC	167.11.3	P 67	L1	# 191
Remov	70 (as	mounicu		from calling inst	10010113	Huber, Tor	n		Nokia		
Remov	ve two	columns f	or ZR from this table.			Comment	Туре	т	Comment Status D		Bucke
Remov	ve row	for ZR fro	m this table						PICS table, the Item codes subsequent tables. As such		
C/ 116	SC	116.4	P 38	L 28	# 189	name.					
Huber, Ton	n		Nokia			Suggested	Reme	dy			
Comment	Туре	Е	Comment Status D		Bucket	Renan	ne thes	se items VF	R1, VR2, VR4.		
802.3c	w, so t	there is no	de to table 116-7 don't includ need for the editing instruct orking group ballot, it is also	ion to reference	802.3cw. Given that	Proposed PROP	•	nse ACCEPT.	Response Status W		
before	802.30	db.				C/ 167	SC	167.11.3	P 67	L 1	# 192
Suggested	Reme	dy				Huber, Tor	n		Nokia		
Remov	ve "(as	modified	by IEEE Std 802.3cw-202x)"	from the editing	instruction	Comment	Туре	т	Comment Status D		
Proposed I PROP	,	nse ACCEPT.	Response Status W			once f rows ir	or the l n 167.1	PMD and o	s table, the item codes *VR2 nce for the MDI. The SR2 a unclear if these are referring n.	nd SR4 item coo	des are used in 6 of the
						Suggested	Reme	dy			
									the 4 MDI rows (e.g. xxx-MI lect the intended conditions		Capabilities table, and
						Proposed	Respo	nse	Response Status W		
						-			N PRINCIPLE. er discussion with Task For		

C/ 116 SC 116.4	P 38	L 4	# 193	C/ 167	SC 167.7.3	P 53	L 32	# 196
Dawe, Piers	Nvidia			Dawe, Piers		Nvidia		
Comment Type E	Comment Status D		Bucket	Comment Ty	•	Comment Status D		Bucket
unchanged rows not	snown			-	s a bitmap and	IOOKS DAD		
SuggestedRemedy				SuggestedR	,			
some unchanged row	ws not shown			Insert fig	gure another w	ay so it is a vector graphic. It	may be better to	o avoid diagonal text.
Proposed Response PROPOSED ACCEF	Response Status W PT IN PRINCIPLE. Inctions to "(some unchanged row	ve not chown)"		Proposed Re PROPO	esponse SED ACCEPT	Response Status W		
			" 101	C/ 167	SC 167.10.2	.1 <i>P</i> 62	L 44	# 197
C/ 167 SC 167.8.5		L 35	# 194	Dawe, Piers		Nvidia		
Dawe, Piers	Nvidia Comment Status D		Bucket	Comment Ty	ype E	Comment Status D		
SuggestedRemedy Change to ""The nor measurement metho	ver density spectrum, N(f)" is mi malized noise power density sp	ũ (bise).	word for older ON complian fibers co	a standard. V M3 and OM4 c nt to previous v	e f: "these applications" isn't de Vhat can the reader do with "s omply to the new spec. Wher versions are suitable for the current version aren't? Are th	hould have"? I n it says "OM3 a ese applications"	think we mean that nd OM4 fibers ', does that mean that
Proposed Response	Response Status W			SuggestedR	Remedy			
PROPOSED ACCEF Cl 167 SC 167.7.1 Dawe, Piers Comment Type TR		L28	# 195	OM3, O	nent 1 to IEC 6 M4 and OM5 s ous versions of	60793-2-10 reflects the fact tha should have the same specific f IEC 60793-2-10 are suitable	ation. OM3 and	OM4 fibers compliant
As the channel or sig should expect higher because we have 9 t that TDECQ, Ceq an than for previous spe optimise the spec co	gnal is relatively slower than for r Ceq, contributing to TDECQ, b taps rather than 5, and 2% three of K measurements with 2% thr ecs, so we need less padding fo insidering these things, encoura fibre The K' limit can catch so	ut we should no shold adjust rath eshold adjust wil r measurement ging good equal	t expect higher K er than 1%. We expect Il be more accurate issues. We should re- lisable signals both	These lin the sam previous 200GBA	e as previous s versions of IE ASE-VR2, 4000 ysical Layer ty	stent with IEC 60793-2-10 Am versions of IEC 60793-2-10. (EC 60793-2-10 are considered GBASE-VR4, 100GBASE-SR1 pes. <i>Response Status</i> W	OM3 and OM4 fi compliant for 1	ibers compliant to 0000000000000000000000000000000000

after and before the fibre. The K' limit can catch some bad transmitters that an overshoot PROPOSED ACCEPT IN PRINCIPLE. limit intended to pass all good signals would miss - and K' is a free by-product of TECQ. Discuss this footnote. The K' limit is similar to VEC in C2M and EVM in coherent: a screen for signals that are See also responses to comments #4 and 132

SuggestedRemedy

bad after equalisation.

Insert row for K'=TECQ-10.log10(Ceq'), limit 4 dB (where K' and Ceq' are the two parts of TECQ as K and Ceq are the two parts of TDECQ). For both VR and SR.

Proposed Response Response Status W

DISCUSS

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

Comment ID 197

Page 35 of 47 11/10/2021 11:32:14 PM

CI 167 SC 167.	10.3.2 P64	L 23	# 198	C/ 80 SC 80.1.1	P 28	L10	# 201
Dawe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type T	Comment Status	D		Comment Type E	Comment Status D		Bucke
	says that 100GBASE-VR1			Clause 167			
	167.10.3.3 must be angle it could cause problems	d. For "breakout" use,	this is enough of a	SuggestedRemedy			
SuggestedRemedy				167			
, 0	at a device/port/module wit according to 167.10.3.3 ar			Proposed Response PROPOSED ACCEP Change text in this cr	Response Status W PT IN PRINCIPLE. ross reference from "Clause 10	67" to "167"	
Proposed Response	Response Status	w					"
PROPOSED ACC	EPT IN PRINCIPLE.			C/ 80 SC 80.4	P 29	<i>L</i> 1	# 202
Discuss as a Task				Dawe, Piers	Nvidia		
CI 45 SC 45.2	.1.24 P23	6 L1 2	# 199	Comment Type E Table 80-6Sublayer	Comment Status D delay constraints		Bucke
Dawe, Piers	Nvidia			SuggestedRemedy			
Comment Type E	Comment Status	D	Bucket	Table 80-7Sublayer	delav constraints		
bits 3 to 9 are allo SuggestedRemedy Move the row begi Delete the last row So that the reader this, include the ad	inning "1:26:2:X0X Reserve	ed" to above 1.26.1 10 xt of the amendment a m the base document, ged rows not shown" to	DGBASE-SR1 ability. nd check issues like beginning "1.26.3	PROPOSED ACCEF Correct table number			
	EPT IN PRINCIPLE.						
C/ 45 SC 45.2	.1.22 P23	s L19	# 200				
Dawe, Piers	Nvidia						
Comment Type E 14:14	Comment Status	D	Bucket				
SuggestedRemedy Delete :14							
Proposed Response PROPOSED ACC See comment #81	Response Status EPT IN PRINCIPLE.	w					

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 116	SC 116.1.3	P 35	L 33	# 203	C/ 167	SC 167.8.6	P 57	L 40	# 205		
Dawe, Piers		Nvidia			Zivny, Pav	el	Tektronix				
Comment Ty	vpe E	Comment Status D		Bucket	Comment	• •	Comment Status D				
low), as and befo	in Table 80-1 an pre 200GBASE-S	of MAC rate (slow to fast), r ad Table 116-2. So, 200GB SR4, and 200GBASE-SR2 Also show the context to r	BASE-VR2 come comes after 200	s after 200GBASE-CR4 GBASE-SR4 and	The configuration of TDECQ measurement and of TECQ measurement is insuficiently clear. A figure should be added for better clarity. The figure (on page 2 of the ppt) is as was (email from Zivny to Dudek et al. Tue 9/21/20 2:06 PM PDT) in ppt tAlso attached to the comment email.						
SuggestedR	Remedy				Suggested	Remedy					
then the then the then the then the Revise t	200GBASE-VR: 200GBASE-SR: 200GBASE-SR: 200GBASE-DR 200GBASE-DR the instructions to	R4 row from the base docu 2 row as in the draft, 4 row from the base docum 2 row as in the draft, 4 row from the base docum o editor accordingly.	nent,		text "The tr closure with "The tr	ansmitter eye cl e at TP2."	Transmitter eye closure for osure for PAM4 (TECQ) is a osure for PAM4 (TECQ) is a	a measure of the c	optical transmitter's eye		
Reorder	SED ACCEPT IN	consistent with D2.1 of 802	.3dc.		ALso, append the tes with lin	in "167.8.5 Tran d line 16 "Table t pattern to be u le	smitter and dispersion eye of 167–11 specifies sed for measurement of TD	,	TDECQ)",		
Change	lable as sugges	leu				-	easurement setup."				
Change	editing instruction	ons to "(some unchanged ro	ows not shown)"		Proposed PROP	•	Response Status W IN PRINCIPLE.				
C/ 167	SC 167.8.11	P 58	L 42	# 204							
Zivny, Pavel		Tektronix			Review	v accompanying	presentation.				
Comment Ty	ype T	Comment Status D			C/ 1	SC 1.4	P 18	L 27	# 206		
"b) The signaling is an cop	upper –3 dB limit g rate (i.e., 53.12 py/oaste from pa ement bandwith s	st standards. It is neither j	ratus is to be ap	proximately equal to the	Suggestea	<i>Type</i> E g space in "1.4. <i>"</i> <i>Remedy</i>	Comment Status D 103a200GBASE-SR2:"	esign Systems	Bucke		
	the text						next three sub headings				
"b) The u signaling with "b) The I	upper –3 dB limit g rate (i.e., 53.12	measurement apparatus s				•	Response Status W IN PRINCIPLE. al license.				
Proposed Re	esponse	Response Status W									
	SED ACCEPT IN	•									

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 45 SC 45.2.1.6	P 21	L10	# 207	CI 45	SC 45.2.1.22	P 23	L19	# 210
Marris, Arthur	Cadence Desig	gn Systems		Marris, Art	hur	Cadence Des	sign Systems	
Comment Type E	Comment Status D		Bucket	Comment	Type E	Comment Status D		Bucket
	eserved" as struck through			Clean	up reserved row	s in Table 45–25		
add "1 1 1 0 0 0 x X X = re	= 50GBASE-BR40-U" to "1 1 served"	1 1 0 0 0 = reser	/ed [*]	Suggested	dRemedy			
SuggestedRemedy See comment				Add a		ngle reserved bit 1.24.14 and I reserved row for 1.24.11. (7		
Proposed Response	Response Status W			Proposed	Response	Response Status W		
PROPOSED ACCEPT See response to comm				-	OSED ACCEPT omment #81.	IN PRINCIPLE.		
C/ 45 SC 45.2.1.7.4	4 P 2 1	L 43	# 208	C/ 45	SC 45.2.1.24	P 24	L 7	# 211
Marris, Arthur	Cadence Desig	gn Systems		Marris, Art	hur	Cadence Des	sign Systems	
Comment Type E	Comment Status D		Bucket	Comment	Type ER	Comment Status D		Bucket
Make 167.5.10 a cross	reference			1.26.0	and 1.26.1 are t	eing used by 802.3ck		
SuggestedRemedy				Suggested	dRemedy			
	reference and similarly make	the next two tab	les include cross	Move	these ability bits	somewhere else		
references Proposed Response				Proposed	Response	Response Status W		
PROPOSED ACCEPT	Response Status W			-	OSED ACCEPT	-		
C/ 45 SC 45.2.1.21	P 22	L 37	# 209	CI 78	SC 78.1.4	P 25	L 6	# 212
Marris, Arthur	Cadence Desi	gn Systems		Marris, Art	hur	Cadence Des	sign Systems	
Comment Type ER 1.23.7 and 1.23.8 are b	Comment Status D being used by 802.3ck		Bucket	<i>Comment</i> I do no	51	Comment Status D in the P802.3db objectives		
SuggestedRemedy Move thes bits to 1.23.	9 and 1.23.10 and add reserv	ed row for 1.23.8	:7	Suggested Consid		se 78 from the 802.3db draft		
Proposed Response PROPOSED ACCEPT	Response Status W IN PRINCIPLE.			,	Response POSED REJECT.	Response Status W		
See comment #239.					e included as it is	traditional to include multim		

C/ 80 SC 80.1	.1 P28	L11	# 213	C/ FM	SC FM	P1	L10	# 216
Marris, Arthur	Cadence Des	ign Systems		Grow, Bob)	RMG Consult	ing	
Comment Type ER	Comment Status D		Bucket	Comment	Type E	Comment Status D		Bucket
Change "Clause 1	67" to "167"			The in	ntroduction ider	ntifies the amendment as #4.		
SuggestedRemedy				Suggestee	dRemedy			
Change "Clause 1	67" to "167"			Amen	dment 4:			
Proposed Response	Response Status W			Proposed	Response	Response Status W		
PROPOSED ACC	EPT.					PT IN PRINCIPLE. lard for Ethernet Amendment:"	to "Droft Standay	rd for Ethornot
C/ 167 SC 167.	1 P41	L17	# 214		dment 4:"			
Marris, Arthur	Cadence Des	ign Systems		C/ FM	SC FM	P 1	L 27	# 217
Comment Type E	Comment Status D		Bucket	Grow, Bob)	RMG Consult	ing	
Choose font colou	r of "Clause 45" from forest green	to black		Comment	Туре Е	Comment Status D		Bucket
SuggestedRemedy Choose font colou	r of "Clause 45" from forest green	to black. Similar	ly for Clause 1, 80, 91		hat P802 D2.1)2.3cp-2021.	is out, this can be updated to a	dd IEEE Std 802	2.3ct-2021 and IEEE
and 116 on the ne	xt page.			Suggestee	dRemedy			
Proposed Response	Response Status W			Per co	omment.			
PROPOSED ACC	EPT IN PRINCIPLE.			Proposed	Response	Response Status W		
Change text color	of the mentioned clauses to black	κ.		-		PT IN PRINCIPLE. ent with D2.1 of 802.3dc		
C/ 167 SC 167.	7.1 P51	L12	# 215	Chan	no contonco to	: "That draft is a revision of IEE	E Std 902 2 201	9 as modified by
Marris, Arthur	Cadence Des	ign Systems			ved amendme		L 310 802.3-201	o as mounied by
Comment Type T	Comment Status D				,	EEE Std 802.3bt-2018, IEEE St	d 802.3cd-2018,	IEEE Std 802.3cn-
l thought for new p 50 ppm	projects the tolerance on the trans	mit signalling rate	e is being tightened to)		Std 802.3cq-2020, IEEE Std 80	02.3cm-2020, IE	EE Std 802.3ch-2020,
SuggestedRemedy Consider changing	g 100ppm to 50ppm			802.3	ca-2020, IEEE	Std 802.3cr-2021, IEEE Std 80 21, and IEEE Std 802.3cp-202		E Std 802.3cv-2021,
Proposed Response DISCUSS	Response Status W							

C/ FM	SC FM	P1	L 23	# 218	C/ 1	SC	1.4	P 18	L 12	# 221
Grow, Bob		RMG Consult	ing		Grow, Bol	b		RMG Consul	ing	
Comment Ty	/pe E	Comment Status D		Bucket	Comment	Туре	ER	Comment Status D		Buck
The late P802.3/I		ft when you resolve commen	s and recirculate	e P802.3db will likely be	subcl	ause nu	mbering	E Std 802.3ct and IEEE Std has changed in P802.3/D2.1	but additionally	, base text has also
SuggestedR	emedy							his draft. With the expected ballot, stability of both subcla		
Per com	iment.							with P802.3/D2.1 and future		
Proposed Re	esponse	Response Status W			Suggeste	dReme	dy			
	SED ACCEP ⁻ as needed.	IN PRINCIPLE.			have	also sul	omitted in	ses against the then current on ndividual comments for some changes.)	raft of the P802 specific noted	.3 revision project. (I differences found in
		will be changed to either "D2.	1 of 802.3dc" or	"D3.0 of 802.3dc"	Proposed	Respo	nse	Response Status W		
aepenai	ng on which is	the latest version.						IN PRINCIPLE.		
C/ FM	SC FM	P 11	L10	# 219						
Grow, Bob		RMG Consult	ing		Follow	wing are	the assi	gnments:		
Comment Ty	/pe TR	Comment Status D			1.4.38	3a 1000	GBASE-S	SR1 100GBASE-R enco	ding	
PHY is r	not an acronyr	n for Physical Layer in IEEE S	Std 802.3. No ad	cronymn is defined for			GBASE-			
Physical		, i i i j i i i i i i i i i i i i i i i		,			GBASE		0	
SuggestedR	emedy)GBASE)GBASE		0	
Delete "	•						GBASE			
Proposed Re	esponse	Response Status W			C/ 1	SC	1.4.39a	P18	L 26	# 222
		IN PRINCIPLE.			Grow, Bol			RMG Consul		
Remove							-	Comment Status D	ing	Buck
		d "This amendment adds Physters for 100, 200 and	sical Layer spec	fications and	Comment		E		of 000 Dat and 0	
		o and four pairs of multimode	fiber based on '	100 Gb/s optical				ave changed with the merge	01 602.3Ct and 6	602.3cp.
signaling	g."	·		·	Suggeste		-			
C/ FM	SC FM	P3	L 6	# 220				d text subclause numbers ca		
			-	# 220				.4.40, 100GBASE-SR4 is 1.4 w 1.4.109, 400GBASE-SR16		
Grow, Bob		RMG Consult	ing					clauses to correspond.		
Comment Ty	,	Comment Status D		Bucket	Proposed	Respo	nse	Response Status W		
Forward	Error Correct	ion should not be capitalized,	see Keywords a	nd 1.5 of P802.3.	, PROF	, POSED	ACCEP	IN PRINCIPLE.		
SuggestedR	emedy							ment #221.		
forward	error correctio	n								
Proposed Re	esponse	Response Status W								
		r IN PRINCIPLE.								
"Forward	d Error Correc	tion" will be replaced with "for	ward error corre	ction".						

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 45 SC 4	5	P 21	L1	# 223	C/ 45	SC	45.2.1.21.9	P 22	L 47	# 225
Grow, Bob		RMG Consulti	ing		Grow, Bo)		RMG Cons	sulting	
Bucket Comment Type E Comment Status D Bucket P802.3/D2.1, Clause 45 is still a mess for capitalization, from the Clause title using too many capitals to the erratic capitalization of "Register" in text throughout. Bucket ruggestedRemedy This draft seems to be internally consistent (only capitalize "Register" when followed by a name or the first word of a title/sentence), so no change is requested, this comment is just to note that future P802.3 drafts might try to fix some of this, changing base text used in this draft, and P802.3db should follow how this is resolved for P802.3/D2.1 comment resolutions. Proposed Response Response Status W PROPOSED ACCEPT. PROPOSED ACCEPT.						Type Insert po cant bit is wrong dRemed ed claus 1.21.1a, Respon POSED	to least sig dy ses should and bit 1.3 nse ACCEPT II	Comment Status D Clause number are incorn nificant bit (order of the to be inserted after 45.2.1.2 7 being inserted as 45.2 <i>Response Status</i> W N PRINCIPLE. ociated registers:	rect. Bit subclause wo new subclause 21.1, with bit 1.3.8	es is correct, but insert
Grow, Bob Comment Type No changes ar SuggestedRemedy The last line of (perhaps chan- existing text sh P802.3/D2.1 sl Proposed Respons PROPOSED A	e shown in the the table show ge instruction to ould be taken f hould be showr		n contradiction t	n). Reserved row	45.2. CI 45 Grow, Bo Comment With be de Suggeste Per c Proposed	.21.1b SC Type his draf leted. dRemed omment Respoi	45.2.1.22 E It now writer	P23 RMG Cons Comment Status D to amend 802.3-202x, f Response Status W	0	# 226 Bucke ointing at 802.3cn can

C/ 45 SC 45.2.1	22 P23	L19	# 227	C/ 45	SC 45.2.1.24	P 24	L12	# 229
Grow, Bob	RMG Co	onsulting		Grow, Bob		RMG Consu	lting	
Comment Type ER	Comment Status D)	Bucket	Comment 7	Гуре Е	Comment Status D		Bucket
	t agree between table and endments 1-3, the bits defi 14:13			of bit 0	being left reser	ong. Did youreally intend to ved?	leave 1.26.2 as th	ne reserved bit instead
SuggestedRemedy				Suggested				
Per comment.				LSB of	the register.	ove bit 1. Adjust bit number	rs if you want the	reserved bit to be the
Proposed Response	Response Status W	V		Proposed F	Response	Response Status W		
PROPOSED ACCE	PT IN PRINCIPLE.			PROPO	OSED ACCEPT	IN PRINCIPLE.		
New register assign 1.24.13 400GBASE 1.24.12 400GBASE	-SR4			1.26.10	gister assignme 100GBASE-V 100GBASE-S	R1		
See comment #81 fe	or the remaining reserved	bits.		C/ 45	SC 45.2.1.24	P 23	L 49	# 230
C/ 45 SC 45.2.1	22.11 P23	L31	# 228	Grow, Bob		RMG Consu	lting	
Grow, Bob	RMG Co	-•••	π 220	Comment 7	Type ER	Comment Status D		Bucket
Comment Type E	Comment Status D	0	Bucket			s wrong. The words "Table" nbers are wrong.	" should not be in	the parenthetical. Also
Insert point and sub	clauses are incorrect.			Suggestedl	Remedy	0		
SuggestedRemedy	(There i	s already a 45.2	2.1.24.7 in P802.3/D2.1 so the sected subclauses on page		e numbers should be 8
	after 45.2.1.22.1 and bit n solution of comment on th			Proposed F		Response Status W	6 24.	
that comment is acc				•	•	IN PRINCIPLE.		
Proposed Response	Response Status W	V		FROF	JSED ACCEPT	IN FRINCIFLE.		
PROPOSED ACCE	PT IN PRINCIPLE.				ibclauses and a 24.1a 1.26.10	ssociated registers:		
New subclauses and 45.2.1.22.1a 1.24.1 45.2.1.22.1b 1.24.1				45.2.1.	24.7a 1.26.2			

Grow, Bob RMG Consulting Comment Type E Comment Status D Bucket Forward Error Correction should not be capitalized, see Keywords and 1.5 of P802.3. Updating changed clause base text to P802.3.D.2 for later should fix this. (The noted changes are in titles, which might be missed in a base text update.) Bucket Suggested/Remedy Forward error correction (FEC) sublayers, in line 38 forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction) and should be fixed Suggested/Remedy Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Make these changes Change "Forward Error Correction" to 'forward error correction" in these instances and elsewhere in the document as appropriate. E Comment Status W CI 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Comment Status D Comment Type E Comment Status D Bucket The word "must" is deprecated. Suggested/Remedy "must behave". P45 L26 # 234 Contange "Forward Error Correction" to 'forward error correction" in these instances and elsewhere in the document as appropriate. Bucket Suggested/Remedy The word 'must" is deprecated. Suggested/Remedy The word 'mu												
Comment Type E Comment Status D Bucket Forward Error Correction should not be capitalized, see Keywords and 1.5 of P802.3.3. Comment Type E Comment Status D SuggestedRemedy Forward error correction (FEC) sublayers, in line 38 forward error correction), page 23, line 2 (forward error correction) and p. 33, 11 (forward error correction), page 23, line 2 (forward error correction) and p. 33, line 1 (forward error correction), page 23, line 2 (forward error correction) and p. 33, line 1 (forward error correction) and should be fixed PROPOSED ACCEPT IN PRINCIPLE. Make these changes Response Status W PROPOSED ACCEPT IN PRINCIPLE. Make these changes The word "must" is deprecated. C1 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Comment Type E Comment Status D Comment Type E Comment Status D The word "must" is deprecated. SuggestedRemedy "must behave" >> behaves "must behave" >> behaves E Comment Status D The word "must" is deprecated. SuggestedRemedy "must behave" >> behaves "must behave" >> needs to be" The word "must" is deprecated. SuggestedRemedy "must behave" >> needs to be" "must bei	80	SC 80.2.3	P 28	L 36	# 231	C/ 167	SC 167.1		P 42	L 30	# 233	
Forward Error Correction should not be capitalized, see Keywords and 1.5 of P802.3. Updating changed clause base text to P802.3/D2.1 or later should fix this. (The noted changes are in titles, which might be missed in a base text update.) The word "must" is deprecated. SuggestedRemedy Forward error correction, (FEC) sublayers, in line 38 forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction) and should be fixed Forbosed Response Status W PROPOSED ACCEPT IN PRINCIPLE. Make these changes Response Status V PROPOSED ACCEPT IN PRINCIPLE. Make these changes CI 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Comment Status D RMG Consulting Comment Type E Comment Status D Bucket SuggestedRemedy "must behave" -> behaves MMG Consulting Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" is deprecated. SuggestedRemedy "must behave" "must behave" -> behaves Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" is deprecated. SuggestedRemedy "must behave" -> needs to be"	irow, Bob		RMG Consu	lting		Grow, Bob		R	MG Consul	ting		
Updating changed clause base text to P802.3/D2.1 or later should fix this. (The noted changes are in titles, which might be missed in a base text update.) Suggested/Remedy Suggested/Remedy Forward error correction (FEC) sublayers, in line 38 forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction) and should be fixed PROPOSED ACCEPT IN PRINCIPLE. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Make these changes Change "Forward Error Correction" to "forward error correction" in these instances and elsewhere in the document as appropriate. If 232 CI 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Grow, Bob RMG Consulting Comment Type E Comment Status D Bucket Suggested/Remedy "must behave" -> behaves PROPOSED ACCEPT IN PRINCIPLE. E Comment Type E Comment Status D Grow, Bob RMG Consulting Bucket Suggested/Remedy "must behave" -> "needs to be" Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sen	Comment Ty	/pe E	Comment Status D		Bucket	Comment T	Гуре E	Comment Sta	atus D			Bucke
changes are in titles, which might be missed in a base text update.) SuggestedRemedy SuggestedRemedy Forward error correction (FEC) sublayers, in line 38 forward error correction), page 23, line 2 (forward error correction) and p. 33, l.1 (forward error correction) and should be fixed Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Make these changes Change "Forward Error Correction" to "forward error correction" in these instances and elsewhere in the document as appropriate. C/ 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Comment Type E Comment Status D Comment Type E Comment Status D Comment Status D Comment Status D Comment Type E Comment Status D Comment Status D Comment Type Froposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. SuggestedRemedy "must behave" to be consistent with D2.1 of 802.3dc Change sentence to "The Skew (relative delay) between the PCS or FEC lanes is within limits so that the information on the PCS or FEC." </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>The wo</td> <td>ord "must" is de</td> <td>eprecated.</td> <td></td> <td></td> <td></td> <td></td>						The wo	ord "must" is de	eprecated.				
SuggestedRemedy "must behave" -> behaves Foroward error correction (FEC) sublayers, in line 38 forward error correction, page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction), page 23, line 2 (forward error correction) and p. 33, 1.1 (forward error correction) and p. 33, 1.1 (forward error correction) and should be fixed Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Cl 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Comment Type E Comment Status D SuggestedRemedy "must behaves" -> behaves "must behave" -> behaves Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" is deprecated. SuggestedRemedy "must behaves" -> behaves "must behaves" -> behaves Proposed Response Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" is deprecated. SuggestedRemedy "must					x this. (The noted	Suggested	Remedy					
Forward error correction (FEC) sublayers, in line 38 forward error correction), page 23, line 2 (forward error correction), page 23, line 2 (forward error correction) and p. 33, l.1 (forward error correction) and should be fixed Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change "Forward Error Correction" to "forward error correction" in these instances and elsewhere in the document as appropriate. Cl 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Comment Status D Bucket The word "must" is deprecated. SuggestedRemedy "must behave" -> behaves Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to "However, if the appropriate interface is not implemented, a conforming implementation behaves functionally as though the RS and 200GMII of 400GMII were present."	-		which might be missed in a b			"must b	oehave" -> beh	aves				
changed for Clause 91, page 30, line ¹ 1 (forward error correction), page 23, line 2 (forward error correction) and p. 33, l.1 (forward error correction) and should be fixed Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Make these changes Change "Forward Error Correction" to "forward error correction" in these instances and elsewhere in the document as appropriate. CI 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Comment Type E Comment Status D Bucket The word "must" is deprecated. SuggestedRemedy "must behave" -> behaves Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present." PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present." PROPOSED ACCEPT IN PRINCIPLE.	00	,	on (FEC) sublayers in line 3	8 forward error co	rrection Base text also	Proposed F	Response	Response Sta	atus W			
PROPOSED ACCEPT IN PRINCIPLE. Make these changes Change "Forward Error Correction" to "forward error correction" in these instances and elsewhere in the document as appropriate. C/ 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Comment Type E Comment Status D SuggestedRemedy must behave" -> behaves "must behave" -> behaves Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present."	changed	d for Clause 91	, page 30, line 1 (forward er	ror correction), pa	ge 23, line 2 (forward				2.1 of 802.3	dc		
elsewhere in the document as appropriate. C/ 167 SC 167.1 P41 L51 # 232 Grow, Bob RMG Consulting Comment Type E Comment Status D Bucket The word "must" is deprecated. Bucket The word "must" is deprecated. Comment Type E Comment Status D The word "must" is deprecated. SuggestedRemedy "must behave" -> behaves Froposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Proposed Response or must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present." Change means the information on the PCS or FEC lanes is within limits so that the information on the PCS or FEC lanes can be reassembled by the PCS or FEC."	, PROPOS Make the	SED ACCEPT	IN PRINCIPLE.	or correction" in th	ese instances and	conforn	ning implemen	tation behaves fur				
Grow, Bob RMG Consulting Grow, Bob RMG Consulting Comment Type E Comment Status D Bucket Bucket The word "must" is deprecated. SuggestedRemedy "must behave" -> behaves "must behave" -> behaves Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc PROPOSED ACCEPT IN PRINCIPLE. Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present." Comment Type E Comment Status D						C/ 167	SC 167.3.2		P 45	L 26	# 234	
Grow, Bob RMG Consulting Comment Type E Comment Status D Bucket The word "must" is deprecated. Bucket SuggestedRemedy "must behave" -> "needs to be" SuggestedRemedy "must behave" -> behaves Response Status W Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc PROPOSED ACCEPT IN PRINCIPLE. Remove (relative delay) between the PCS or FEC lanes is within limits so that the information on the PCS or FEC lanes can be reassembled by the PCS or FEC."	/ 167	SC 167.1	P 41	L 5 1	# 232	Grow, Bob		R	MG Consul	ting		
Comment Type E Comment Status D Bucket The word "must" is deprecated. The word "must" is deprecated. SuggestedRemedy "must be" -> "needs to be" SuggestedRemedy "must behave" -> behaves Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present." Change sentence to read as the information on the PCS or FEC lanes can be reassembled by the PCS or FEC."	row, Bob		RMG Consu	Iting		Comment T	Гуре Е	Comment Sta	atus D			Bucke
SuggestedRemedy "must behave" -> behaves "must behave" -> behaves "must be" -> "needs to be" Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present." Change sentence to "The Skew (relative delay) between the PCS or FEC lanes is within limits so that the information on the PCS or FEC lanes can be reassembled by the PCS or FEC."	comment Ty	/pe E	Comment Status D	C C	Bucket	The wo	ord "must" is de	eprecated.				
Suggested Remedy "must behave" -> behaves Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present."	The word	d "must" is der	precated.			Suggested	Remedy					
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present." PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present."	uggestedRe	emedy				"must b	oe" -> "needs to	o be"				
PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present."	"must be	ehave" -> beha	aves			Proposed F	Response	Response Sta	atus W			
Change sentence to read, "However, if the CGMII is not implemented, a conforming implementation behaves functionally as though the RS and CGMII were present."	,	,	,						2.1 of 802.3	dc		
implementation behaves functionally as though the RS and CGMII were present."	Remove	"must" to be o	consistent with D2.1 of 802.3	3dc		0		· ·	e delay) betv	ween the PCS or	FEC lanes is ke	pt
This is consistent for example, with language in 129, 2.2 in D2 1 of 902 2 de						on the I	PCS or FEC la	ines can be reasse	embled by th	he PCS or FEC."		
See response to comment #145 This is consistent, for example, with language in 138.3.2 in D2.1of 802.3dc.	See resp	ponse to comn	nent #145			This is	consistent, for	example, with lan	guage in 13	8.3.2 in D2.1of 8	02.3dc.	

/ 167 SC 167.3.2 P45 L27 # 235	Cl 167 SC 167.5.4 P48 L31 # 237
row, Bob RMG Consulting	Grow, Bob RMG Consulting
omment Type E Comment Status D Buck	t Comment Type E Comment Status D Bu
The word "must" is deprecated.	The word "must" is deprecated.
uggestedRemedy	SuggestedRemedy
"must also be" -> "also needs to be"	"must" -> "need to"
roposed Response Response Status W	Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc	PROPOSED ACCEPT IN PRINCIPLE. Remove "must" to be consistent with D2.1 of 802.3dc
Change sentence to "The Skew Variation is also limited to ensure that a given PCS or FEC lane always traverses the same physical lane."	Change sentence to "As a consequence of the requirements for the setting of the SIGNAL_DETECT parameter, implementations need to provide adequate margin betwe the input optical power level at which the SIGNAL_DETECT
This is consistent, for example, with language in 138.3.2 in D2.1of 802.3dc.	 parameter is set to OK, and the inherent noise level of the PMD including the effects of crosstalk, power supply noise, etc."
/ 167 SC 167.5.4 P48 L30 # 236	
row, Bob RMG Consulting	
omment Type E Comment Status D Buck	
The word "unavoidable" has been purged from P802.3/D2.1.	Comment Type E Comment Status D Bu The word "must" is deprecated.
uggestedRemedy	•
"As a conquence"	SuggestedRemedy
roposed Response Response Status W	"must be" -> "needs to be"
PROPOSED ACCEPT IN PRINCIPLE. Remove "unavoidable" to be consistent with D2.1 of 802.3dc	Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.
Change sentence to "As a consequence of the requirements for the setting of the	See comment #146.
SIGNAL_DETECT parameter, implementations need to provide adequate margin between the input optical power level at which the SIGNAL_DETECT	C/ 45 SC 45.2.1.21 P22 L37 # 239
parameter is set to OK, and the inherent noise level of the PMD including the effects of crosstalk, power supply noise, etc."	Anslow, Pete Independent
crosstaik, power supply holse, etc.	Comment Type TR Comment Status D
	Bits 1.23.7 and 1.23.8 are already allocated in P802.3ck D2.2 as: 1.23.8 200GBASE-CR2 ability 1.23.7 200GBASE-KR2 ability
	SuggestedRemedy
	Revert the allocations in register 1.23 to what they were in D1.2: 1.23.10 200GBASE-SR2 ability 1.23.9 200GBASE-VR2 ability
	1.23.10 200GBASE-SR2 ability

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 Comment ID 239
 Page 44 of 47

 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 11/10/2021 11:

 SORT ORDER: Comment ID
 D

C/ 45 SC 45.2.1.	24 P23	L 45	# 240	C/ 167	SC	167.1	P 41	L 52	# 242
Anslow, Pete	Independent			Anslow, P	ete		Independent		
Comment Type TR	Comment Status D			Comment	Туре	Е	Comment Status D		Bucke
1.26.1 100GBASE 1.26.0 100GBASE SuggestedRemedy Revert the allocation	KR1 ability s in register 1.26 to what they w			18 aga https:/ Remo	ainst D2 /www.ie ve this issue i	2.0. See: eee802.or "must" in n Table 1	st" have been removed from t rg/3/dc/comments/P8023_D2p accordance with these chang 67-2 footnote a.	0_comments_f	
1.26.10 100GBASE	5			00		,			
Note that in D1.2, the	E-SR1 ability ese were shown in the wrong or			In foot "beha		to Table ?	167-1 and footnote a to Table	167-2, change	"must behave" to
	uld be above the row for 1.26.2	100GBASE-SR	(1)	Proposed	Respo	nse	Response Status W		
Proposed Response	Response Status W			PROP	OSED	ACCEPT			
PROPOSED ACCEF	ΥТ.			See re	esponse	e to comn	nents #232 and 233		
C/ 78 SC 78.1.4	P 25	L 20	# 241	C/ 167	SC	167.3.2	P 45	L26	# 243
Anslow, Pete	Independent			-		107.0.2		-20	// 245
Comment Type E	Comment Status D		Bucket	Anslow, P		-	Independent		Durle
	st P802.3cj D2.0 defined the ord			Comment	,,	E		h	Bucke
	rg/3/cj/comments/P8023-D2p0- 0GBASE-VR1 should be inserte					es of "mu 2.0. See:	st" have been removed from t	ne 802.3 revisio	on by comments 17 and
0				https:/	/www.i	eee802.oi	g/3/dc/comments/P8023_D2p		
SuggestedRemedy	GBASE-VR1 after the row for 1		0	Remo	ve the	two instar	nces of "must" in accordance v	with these chan	ges.
		IUUGBASE-CRI	0.	Suggested	dReme	dy			
Proposed Response PROPOSED ACCEF	Response Status W			Chang "	ge " F	EC lanes	must be kept within limits"	to " FEC lane	es is kept within limits
					e 27 ch mited		e Skew Variation must also be	e limited" to "	The Skew Variation is
				Proposed	Respo	nse	Response Status W		
				PROP	OSED	ACCEPT			
				See re	esponse	es to com	ments #234 and 235		

C/ 167	SC 167.5.4	P 48	L 30	# 244	CI 80	SC 80.	1.1	P 28	L10	# 246	_	
Anslow, Pete Independent				Hajduczenia, Marek Charter Communications								
Comment	51	Comment Status D		Bucket	Comment	Туре Е		Comment Status D			Βι	
All occurrences of "must" have been removed from the 802.3 revision by comments 17 and 18 against D2.0. See: https://www.ieee802.org/3/dc/comments/P8023_D2p0_comments_final_by_id.pdf#page=5 Remove the "must" in accordance with these changes.						Clause number should be used - should be "167" and not "Clause 167" The same problem is present in Table 116-4 and Table 116-5						
						SuggestedRemedy						
SuggestedRemedy Change: "As an unavoidable consequence of the requirements for the setting of the SIGNAL_DETECT parameter, implementations must provide adequate margin" to: "As a consequence of the requirements for the setting of the SIGNAL_DETECT parameter,						Change "Clause 167" in Table 80-5 to "167". Make sure the link is live. The same problem is present in Table 116-4 and Table 116-5						
						Proposed Response Response Status W						
						POSED AC	CEPT.					
		o provide adequate margin		L_DETECT parameter,	C/ 116	SC 116	6.1.4	P 37	L17	# 247		
Proposed I	Proposed Response Response Status W					nia, Marek		Charter Comm	nunications			
PROP	OSED ACCEPT.				Comment	Туре Е		Comment Status D			Bı	
See re	sponse to comm	ent #236						ssary thick lines on the right d" and "400GBASE-ZR PM		table around		
C/ 167	SC 167.7.3	P 53	L 32	# 245	Suggestee	dRemedy						
Anslow, Pe	ete	Independent			Remo	ove unneces	ssary thi	ck lines				
Comment		Comment Status D		Bucket	Proposed	Response		Response Status W				
Figure 167-3 is a bit map. This has several drawbacks: the rendition of the figure is poor making small text difficult to read, the use of bit maps increases the file size unnecessarily,						PROPOSED ACCEPT IN PRINCIPLE. Fix the line thickness in this table to be consistent with other tables						
the text content of the figures is not searchable and most importantly, including non- editable figures makes life difficult if changes are required in Maintenance after the figure				C/ 116	SC 116	6.1.4	P 37	L17	# 248			
has been incorporated into the next revision. If it would help, I can provide a suitable .svg file together with the Octave script that generates it.						nia, Marek		Charter Comm	nunications			
						Туре Е	R	Comment Status D			Bı	
SuggestedRemedy						116-5 seer	ms to ha	ve an unfinished term "400	GBASE-ZR PCS	S and"		
Since this figure illustrates equations, use a vector graphics (e.g., .svg) format and apply the annotations to the lines in FrameMaker.						dRemedy						
						Seems like part of the statement was cut over? Restore the missing entry in the table						
Proposed Response Response Status W PROPOSED ACCEPT.					Proposed	Response		Response Status W				
					PROPOSED ACCEPT IN PRINCIPLE. Ensure this table is consistent with D2.1 of 802.3dc All references to 802.3cw will be removed							

Comment ID 248

Bucket

Bucket

Bucket

01.407	00 407 7 0	850	1.50	# 640		01.407	00 407 44 4	•	074	1.05	# 050
C/ 167	SC 167.7.3	P 53	L 53	# 249		C/ 167	SC 167.11.4	0.0	P 71	L 25	# 252
Hajduczenia, Marek		Charter Communications				Hajduczenia, Marek			Charter Communications		
Comment		Comment Status D			Bucket.	Comment	51		ent Status D		Bucke
Figur	e 167-3 is heavily r	asterized. Consider using hi	gher resolution f	figure		Missin	ig OC9 and OC	13?			
Suggeste	dRemedy					Suggested	lRemedy				
Per c	omment					Renur	nber OC10-14				
•	l Response	Response Status W				Proposed			se Status W		
PRO	POSED ACCEPT.					PROP	OSED ACCEPT	Γ.			
C/ 167	SC 167.8.5	P 56	L 47	# 250							
Hajducze	nia, Marek	Charter Comr	nunications								
Comment	t Type E	Comment Status D			Bucket						
	ng "continued" flag able does not break	in Table 167-12 + missing I over pages.	neading tag. Alte	ernatively, make s	ure						
	dRemedy										
Per c	omment										
Proposed	l Response	Response Status W									
PRO	POSED ACCEPT I	,									
See r	esponse to comme	ent #94.									
C/ 167	SC 167.11.4.6	<i>P</i> 71	L 30	# 251							
Hajducze	nia, Marek	Charter Comr	nunications								
Comment	t Type ER	Comment Status D			Bucket						
altern	natively "INS*(SR2	' in the same Status entry. L + SR4):M" syntax. - syntax is used, alto conside									
Suggeste	-										
	omment										
•	l Response POSED ACCEPT.	Response Status W									
PRUI	FUSED ACCEPT.										