C/ 167 SC 167.8.1	P <b>53</b>	L <b>20</b>	# 1	C/ 167	SC 167.	3.6	P <b>55</b>	L19	# 4
Ghiasi, Ali	Ghiasi Quantu	um/Marvell		Ghiasi, Ali			Ghiasi Quar	ntum/Marvell	
Comment Type TR	Comment Status R			Comment T	ype EF	C	omment Status A		
	valid 100GBASE-ZV1/SR1,	etc., instead you	should reference the	Font for	table 167	12 is diffe	rent thatn other tables	;	
PCS sginal				SuggestedF	Remedy				
SuggestedRemedy	and with DOO simula 4000			Please	use the sa	me font ar	nd		
200GBASE-R, or 400G	gnals with PCS signals, 1000 BASE-R signals	BASE-R WITH C	L91 RS-FEC,	Response		Re	sponse Status W		
Response REJECT. Multimode clauses 86, <sup>,</sup>	Response Status U			Font in		hould not	be bold. The interior a vill be changed to IEE		ers of Table 167-12 a
pattern. To keep consis Table 167-11.	tency with past multimode c	lauses, no chang	e will be made to	Use edi	torial licen	se to modi	fy table size.		
		1.67		C/ 167	SC 167.	3.6.1	P <b>55</b>	L <b>33</b>	# 5
C/ 167 SC 167.8.14	P57	L <b>25</b>	# 2	Ghiasi, Ali			Ghiasi Quar	ntum/Marvell	
Ghiasi, Ali	Ghiasi Quantu	um/Marvell		Comment T	ype TR	C	omment Status A		
Comment Type <b>TR</b> There is no clause 121. SuggestedRemedy	Comment Status R 8.10			2021/gł	niasi_802.3	db_01_09	www.ieee802.org/3/db 2321.pdf and 9 are <5%	/public/Septembe	er-09-September-29-
	) with 121.8.9 for stress rece	eiver sensitivity te	est	SuggestedF	Remedy				
Response	Response Status W	siver conclusivity a				taps 6 and	d 7 to 10%, and taps 8	and 9 to 5%	
REJECT.	Response Status W			Response		Re	sponse Status <b>C</b>		
	tivity description is now unde	er 121.8.10 in P8	02.3dc D3.0.	ACCEP	T IN PRIN	CIPLE.	,		
C/ 167 SC 167.8.14.	P <b>57</b>	L <b>57</b>	# 3	Change	the maxin	um absol	ute values of taps 7, 8	3, and 9 to be 0.3	, 0.2, and 0.1,
Ghiasi, Ali	Ghiasi Quanti	um/Marvell		respect	ively.				
Comment Type TR	Comment Status R								
	21.8.9 for stress receiver ser we are referencing CL121 v								
SuggestedRemedy Remove CL 167.8.14.1									
Response	Response Status U								
REJECT.	95, 138 and 150 have carri	ed the descriptio	n of the sinusoidal jitter						

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G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID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 467	SC 167.7.1	P49	L <b>27</b>	#		SC	<b>E</b> M	P16	L3	# 7
Cl 167 Ghiasi, Ali	30 107.7.1	P <b>49</b> Ghiasi Quanti		# 6	C/ <b>FM</b> Dawe, Pie			P16 Nvidia	LJ	# 7
,		Comment Status R					-	Comment Status A		Bucket
Comment Ty		CQ with MMSE is accurate a	nd raduas tost ti	ma and approxisted test	Comment	dment:	E	Comment Status A		DUCKEI
cost.	nown that TDE		ind reduce lest li	ne and associated test						
		g/3/db/public/September-09- 01_092321.pdf	September-29-		Suggested Amen	dRemed dment 4	•			
SuggestedR	Remedy				Response	•		Response Status <b>C</b>		
		e of real receiver and a full g Ghiasi contribution there is e			ACCE	PT.				
		E will reduce test time specill			C/ 167	SC	167.8.5	P <b>56</b>	L <b>35</b>	# 8
		Ill grid search and will increas 2 dB of lower TDECQ than re			Dawe, Pie	rs		Nvidia		
TDECQ	>4.5 dB is risky	y. Task force need to make a	a decision either	stay with sull grid	Comment	Туре	т	Comment Status A		
	and reduce TDI	ECQ to 4.3 dB or stay with cu	urrent 4.4 dB with	MMSE.				ces, says "For undated refere		
Response		Response Status U						including any amendments or		
REJECT	Г.							to exclude future amendment ay) until 802.3 acts to reference		
Based o	on straw poll. de	ecision is to make no change	to the draft.					done anyway.	,	
	•	0			Suggested	dRemed	dy			
	oll (Chicago rul				Consi	der dele	eting ":202	2x".		
		n method with maximum TDE	CQ of 4.4 dB		Response	•		Response Status <b>C</b>		
c) Mainta	ain current TDI	ECQ methodolgy, but			ACCE	PT IN F	PRINCIPL			
reduce n	maximum TDE	CQ to 4.3 dB			See re	esponse	e to comm	nent #27.		
	15/37, b) 7/37 ver 14/37	, c) 11/37								
A) Rejec B) Accer		: ange to the draft. Maintain current TDECQ met	thodology, but re	duce maximum						
,	15/35, B) 8/35 ver 12/35	5								

116         SC 116.1.3         P32         L37         # 9	· · · · · · · · · · · · · · · · · · ·	
awe, Piers Nvidia	C/ 80 SC 80.5 P125 L15 # 10	
omment Type E Comment Status A	Dawe, Piers Nvidia	
Some tables put e.g. 100GBASE-SR1 before 100GBASE-SR2 because the reach on OM3 is a little less, others put e.g. 200GBASE-SR2 before 200GBASE-SR4 because it's narrower. Typically, reach takes precedence. Anyway, we should be consistent.	Comment Type E Comment Status A I suspect that subclauses for 100GBASE-VR1 and 100GBASE-SR1 should be mention in tables 80-8, Summary of Skew constraints, and 80-9, Summary of Skew Variation constraints	
If reach takes strict precedence: change tables 78-1 80-1 116-1 116-2 116-4 116-5 and 116-7.	SuggestedRemedy Add them	
If the other way, change tables 80-5, 80-7 and 116-6. Either way, the new PMDs have less reach than 400GBASE-SR4.2 (150 m on OM5) - change tables 116-2 and 116-7. Make the lists in e.g. PICS 91.7.3 consistent with the decision.	Response Response Status C ACCEPT IN PRINCIPLE.	
ACCEPT IN PRINCIPLE.	Add Table 80-8 and Table 80-9 and appropriate subclause and add 100GBASE-VR1 100GBASE-SR1 to these tables.	and
Comment #241 on D2.0 stated:	C/ 91 SC 91.7.3 P29 L9 # 11	
"Comment #65 against P802.3cj D2.0 defined the order of items in Table 78-1. See:	Dawe, Piers Nvidia	
http://www.ieee802.org/3/cj/comments/P8023-D2p0-Comments-Final-byID.pdf#page=14"	Comment Type E Comment Status A	Bucke
Sort the result in "speed/reach" order using the following set of rules.	"Change" shouldn't be part of the subclause heading	
<ol> <li>Increasing speed.</li> <li>Increasing reach (maximum supported distance over the medium).</li> <li>Decreasing number of lanes</li> </ol>	SuggestedRemedy Delete	
<ol> <li>Decreasing number of names</li> <li>The following supplemental rules address are included to address special cases.</li> <li>PHY "family designations, by convention, are assigned a reach of 0.</li> <li>"Copper" PHYs precede "Fiber" PHYs (all else being equal).</li> </ol>	Response Response Status C ACCEPT.	
6. Alphanumeric sort (all else being equal).	C/ 116 SC 116.5 P37 L17 # 12	
	Dawe, Piers Nvidia	
In Table 78-1 switch 100GBASE-CR10 and 100GBASE-KR2 consistent with proposed change in D3.0 of 802.3dc.	Comment Type E Comment Status A Missing references to clauses 136 and 137, in tables 116-8 and 116-9	Bucke
In Table 80-1 Place the SR rows in the following order consistent with D3.0 of 802.3dc after 100GBASE-VR1: 100GBASE-SR4, 100GBASE-SR2, 100GBASE-SR1, 100GBASE-SR10.	SuggestedRemedy Add them	
In Table 80-5 switch 100GBASE-SR1 and 100GBASE-SR2 rows and columns.	Response Response Status C	
In Table 80-7 switch 100GBASE-SR1 and 100GBASE-SR2. Place 100GBASE-SR4 above 100GBASE-SR2 consistent with proposed change in D3.0 of 802.3dc. Add row at bottom	ACCEPT IN PRINCIPLE.	
for 100GBASE-SR2 consistent with proposed change in DS.0 of 802.3dc. Add fow at bollom	Add external cross reference to clauses 136 and 137 in line with latest draft of 802.3c	JC.
In Table 116-2 insert 400GBASE-SR4 above 400GBASE-SR4.2.		

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 <b>40</b>	L <b>28</b>	# 13	C/ 167	SC 167.8.2	P <b>53</b>	L <b>33</b>	# 16
Dawe, Piers	Nvidia			Dawe, Piers		Nvidia		
Comment Type E	Comment Status A		Bucket	Comment Ty	pe E	Comment Status A		
in116.2				This des 2-lane Pl		nes there are 4 lanes, but mu	Iti-lane testing co	onsiderations apply to a
SuggestedRemedy				SuggestedRe	emedy			
in space 116.2 (gree Response	Response Status <b>C</b>					tressed lanes" to "the one or to "multiplying by two or four		d lanes", change
ACCEPT.				Response		Response Status C		
C/ 167 SC 167.1	P <b>40</b>	L <b>36</b>	# 14		IN PRINCIPL			
Dawe, Piers <i>Comment Type</i> <b>E</b> 30 m	Nvidia Comment Status A		Bucket	BER for t		d in turn, the BER is diluted l ane alone is found, e.g., by r		
SuggestedRemedy Use non-breaking sy Response ACCEPT.	pace Response Status <b>C</b>			for that s		d in turn, the BER is diluted l lone is found, e.g., by multip low BER."		
Use non-breaking s Response	Response Status C	L <b>4</b> 7	# 15	"If each la for that s unstresse	tressed lane a	lone is found, e.g., by multip		
Use non-breaking s Response ACCEPT. Cl 167 SC 167.7.	Response Status C	L <b>4</b> 7	# 15	"If each la for that s unstresse	ressed lane a ed lanes have	lone is found, e.g., by multip low BER."	lying by four for 4	400GBASE-SR4 if the
Use non-breaking s Response ACCEPT. Cl 167 SC 167.7. Dawe, Piers	Response Status <b>C</b>	L <b>4</b> 7	# 15 Bucket	"If each la for that s unstresse C/ 167	tressed lane a ed lanes have SC 167.8.4	lone is found, e.g., by multip low BER." <b>P54</b>	lying by four for 4	400GBASE-SR4 if the
Use non-breaking s Response ACCEPT. Cl 167 SC 167.7. Dawe, Piers Comment Type T This says "The value	Response Status C 1 P49 Nvidia Comment Status A es of OMAouter, each lane (max	x) and OMAouter	Bucket , each lane (min) vary	Cl <b>167</b> Dawe, Piers Comment Ty	tressed lane a ed lanes have SC 167.8.4	llone is found, e.g., by multip low BER." P54 Nvidia Comment Status A ys "setup (not set-up)". Here	lýing by four for 4	400GBÁSE-SR4 if the # <u>17</u> Bucket
Use non-breaking s Response ACCEPT. Cl 167 SC 167.7. Dawe, Piers Comment Type T This says "The value	Response Status C 1 P49 Nvidia Comment Status A	x) and OMAouter	Bucket , each lane (min) vary	Cl <b>167</b> Dawe, Piers Comment Ty	tressed lane a ed lanes have SC 167.8.4 pe E e to editors sa nave "set-up".	llone is found, e.g., by multip low BER." P54 Nvidia Comment Status A ys "setup (not set-up)". Here	lýing by four for 4	400GBÁSE-SR4 if the # <u>17</u> Bucket
Use non-breaking sp Response ACCEPT. Cl 167 SC 167.7. Dawe, Piers Comment Type T This says "The value with TDECQ and TE	Response Status C 1 P49 Nvidia Comment Status A es of OMAouter, each lane (max	x) and OMAouter	Bucket , each lane (min) vary	Cl <b>167</b> Dawe, Piers Comment Ty, Guidance 53-6 we l	sc 167.8.4 be E to editors sa have "set-up".	llone is found, e.g., by multip low BER." P54 Nvidia Comment Status A ys "setup (not set-up)". Here	lýing by four for 4	400GBÁSE-SR4 if the # 1 <u>7</u> Bucket
Use non-breaking sy Response ACCEPT. Cl 167 SC 167.7. Dawe, Piers Comment Type T This says "The value with TDECQ and TE (max) doesn't vary. SuggestedRemedy The values of OMAC	Response Status C 1 P49 Nvidia Comment Status A es of OMAouter, each lane (max ECQ, and are illustrated in Figur buter, each lane (max) and OMA	x) and OMAouter e 167-3", but OM Aouter, each lane	<i>Bucket</i> , each lane (min) vary Aouter, each lane	Cl <b>167</b> Dawe, Piers Comment Ty, Guidance 53-6 we l	sc 167.8.4 be E to editors sa have "set-up".	None is found, e.g., by multip low BER." <b>P54</b> Nvidia <i>Comment Status</i> <b>A</b> ys "setup (not set-up)". Here	lýing by four for 4	400GBÁSE-SR4 if the # 1 <u>7</u> Bucket
Use non-breaking sy Response ACCEPT. Cl 167 SC 167.7. Dawe, Piers Comment Type T This says "The value with TDECQ and TE (max) doesn't vary. SuggestedRemedy The values of OMAC	Response Status C 1 P49 Nvidia Comment Status A es of OMAouter, each lane (mat ECQ, and are illustrated in Figur	x) and OMAouter e 167-3", but OM Aouter, each lane	<i>Bucket</i> , each lane (min) vary Aouter, each lane	"If each life for that s unstressed Cl 167 Dawe, Piers Comment Ty Guidance 53-6 we life Suggested Re Change to Response	sc 167.8.4 be E to editors sa have "set-up".	Ilone is found, e.g., by multip low BER." P54 Nvidia <i>Comment Status</i> A ys "setup (not set-up)". Here see another comment. <i>Response Status</i> C	lýing by four for 4	400GBÁSE-SR4 if the # <u>17</u> Bucket
Use non-breaking sy Response ACCEPT. Cl 167 SC 167.7. Dawe, Piers Comment Type T This says "The value with TDECQ and TE (max) doesn't vary. SuggestedRemedy The values of OMAC	Response Status C 1 P49 Nvidia Comment Status A es of OMAouter, each lane (max ECQ, and are illustrated in Figur buter, each lane (max) and OMA	x) and OMAouter e 167-3", but OM Aouter, each lane	<i>Bucket</i> , each lane (min) vary Aouter, each lane	"If each life for that s unstressed Cl 167 Dawe, Piers Comment Ty Guidance 53-6 we life Suggested Re Change to Response ACCEPT	tressed lane a ed lanes have SC 167.8.4 De E e to editors sa have "set-up". emedy o "setup", but	Ilone is found, e.g., by multip low BER." P54 Nvidia <i>Comment Status</i> A ys "setup (not set-up)". Here see another comment. <i>Response Status</i> C	lýing by four for 4	400GBÁSE-SR4 if the # <u>17</u> Bucket

C/ 167 SC	167.8.4	P <b>54</b>	L <b>5</b>	# 18	C/ 167	SC 167.8.13	P57	L11	# 20
Dawe, Piers		Nvidia			Dawe, Pier	rs	Nvidia		
Comment Type	T Co	omment Status A		Bucket	Comment	Туре Т	Comment Status A		
subclause it's test below -30 lane at a time cable. I belie	in says "with th dBm": it's writt For a parallel ve that like 86.8	wn in Figure 53-6". The sum of the optical po en for a WDM transmit transmitter, it's likely to 4.4.2 for 40GBASE-SR4 not refer to Figure 53-6	ower from all of the ter and the test is to be done different and 100GBASE	e channels not under s done by enabling one ntly, with a breakout	interfac sensiti we dor Also, I	ce BER for stre ivity too. Using n't average the didn't see a ref	er sensitivity (OMAouter) *of e ssed sensitivity, we should be the interface BER method for TDECQ, so some Tx-Rx lane erence to 167.1.1, which is re sidering Gray coding, which is	e consistent and a r sensitivity is still s are better than elevant because e	adopt it for this conservative because spec. rrors should be
SuggestedRemed	ły				Suggested	Remedy			
Delete ", per t	the set up show	n in Figure 53-6"				e "of each lane".			
Response ACCEPT.	Res	sponse Status <b>C</b>			stresse	ed receiver sen	tressed receiver sensitivity is sitivity are defined". to 167.1.1 Bit error ratio and		
7 167 SC	167.8.6	P <b>54</b>	L18	# 19	Response		Response Status C		
Dawe, Piers	107.0.0	P <b>34</b> Nvidia	L 10	# [19		PT IN PRINCIP ment with editor			
Comment Type Typically, the SuggestedRemed Change to Ar	font in figures is	omment Status A s Arial not Times New F	Roman. And, so	Bucket me of it is too small.	"The re to		ity (OMAouter) of each lane s ity (OMAouter) shall be within		limit"
Response ACCEPT.	Res	sponse Status <b>C</b>				.8.13, add requirements ar	e given in 167.1.1. For multi-	lane testing consi	derations, see 167.8.2
					"Stress to		nsitivity is defined" nd stressed receiver sensitivi	ity are defined'	

C/ 167	SC 167.8.14	P <b>57</b>	L <b>42</b>	# 21	C/ 167 S	SC 167.10.2.1		P <b>61</b>	L <b>20</b>	# 23
awe, Pie	rs	Nvidia			Dawe, Piers			Nvidia		
omment	Туре Т	Comment Status A			Comment Type	e E	Comment S	tatus A		
		required to be met for each l			This sound	ds like effectiv	e guidance, n	ot guidance a	bout modal band	width
		Using the interface BER met age the TDECQ, so some Tx			SuggestedRen	nedy				
For ar at the	example, 95.8.8 PMD service inte	.1 says: For 100GBASE-SR rface. The interface BER is	4 the relevant BE he average of the	R is the interface BER e four BER of the					ovided at all wave n(s) at all waveler	
		essed: see 95.8.1.1. If presentatio at its input. The lane BE			Response		Response S	tatus C		
the lar	ne symbol error ra	atio. If each lane is stressed	in turn, the PMD		ACCEPT I	N PRINCIPLE	-			
Also,	didn't see a refer	all the lanes when stressed rence to 167.1.1, which is re dering Gray coding, which is	evant because e						ovided at all wave n at all wavelengt	
uggested	lRemedy									
	67.1.1 and 167.8.2									
Response ACCE Impler In 167	PT IN PRINCIPLI nent with editoria									
Response ACCE Impler In 167 Delete Add th	PT IN PRINCIPLI nent with editoria .8.14, "The BER is req ne following excep	Response Status <b>C</b> E. I license.	e under test on its							
Response ACCE Impler In 167 Delete Add th "The r	PT IN PRINCIPLI nent with editoria .8.14, "The BER is req ne following excep	Response Status C E. I license. uired to be met for each land otion from 121.8.10: le interface BER; see 167.1.	e under test on its							
Response ACCE Implei In 167 Delete Add th "The r Cl 167	PT IN PRINCIPLI nent with editoria .8.14, "The BER is req ne following excep elevant BER is th SC 167.10.2.1	Response Status C E. I license. uired to be met for each land otion from 121.8.10: le interface BER; see 167.1.	e under test on its 1 and 167.8.2."	s own".						
Response ACCE Impler In 167 Delete Add th "The r C/ 167 Dawe, Pie Comment	PT IN PRINCIPLI ment with editoria .8.14, "The BER is req the following except elevant BER is th SC 167.10.2.1 rs	Response Status C E. I license. uired to be met for each land otion from 121.8.10: le interface BER; see 167.1. 1 P61 Nvidia Comment Status A	e under test on its 1 and 167.8.2."	s own".						
Response ACCE Impler In 167 Delete Add th "The r C/ 167 Dawe, Pie Comment	PT IN PRINCIPLI ment with editoria .8.14, "The BER is req elevant BER is th SC 167.10.2.1 rs <i>Type</i> <b>E</b> po small: Chroma	Response Status C E. I license. uired to be met for each land otion from 121.8.10: le interface BER; see 167.1. 1 P61 Nvidia Comment Status A	e under test on its 1 and 167.8.2."	s own". # 22						

C/         167         SC         167.11.4.6         P69         L13         # 24           Dawe, Piers         Nvidia	MDI requirements for 200GBASE-VR2, 200GBASE-SR2, 400GBASE-VR4, and 400GBASE-SR4 (VR2, VR4, SR2, or SR4) in status
Comment Type E Comment Status A	C/ 167 SC 167.11.4.6 P69 L21 # 25
This table should mention VRn as well as SRn	Dawe, Piers Nvidia
SuggestedRemedy	Comment Type E Comment Status A
Several places	PICS needs modification to align with 167.10.3.2 which allows a 1-lane PMD with an MDI
Response Response Status C	using a multifiber connector
ACCEPT IN PRINCIPLE.	SuggestedRemedy
Change 167.11.3	Per comment
Add star to VR1, VR2, and VR4	Response Response Status C
Change 167.11.4.6 as follows:	ACCEPT IN PRINCIPLE.
-	Change 167.11.4.6 with editorial license
OC4 MDI layout for 200GBASE-VR2 and 200GBASE-SR2	007
(VR2 or SR2) in status	OC7 MDI requirements for 100GBASE-VR1 and 100GBASE-SR1, duplex optical fiber connecto
OC5	(VR1 or SR1) and INS:M in status
MDI layout for 400GBASE-VR4 and 400GBASE-SR4	OC11
(VR4 or SR4) in status	MDI requirements for 200GBASE-SR2 and 400GBASE-SR4, or 100GBASE-VR1 and
OC6	100GBASE-SR1, multifiber connector
MDI mating, 100GBASE-VR1 and 100GBASE-SR1	OC6
(VR1 or SR1) in status	MDI mating for 100GBASE-VR1 and 100GBASE-SR1, duplex optical fiber connector
OC7	OC8
MDI requirements for 100GBASE-VR1 and 100GBASE-SR1	MDI mating for 200GBASE-SR2 and 400GBASE-SR4, or 100GBASE-VR1 and 100GBASE
	SR1, multifiber connector
OC8	OC9
MDI mating, 200GBASE-VR2, 200GBASE-SR2, 400GBASE-VR4 and 400GBASE-SR4	MDI dimensions for 200GBASE-SR2 and 400GBASE-SR4, or 100GBASE-VR1 and
(VR2, VR4, SR2, or SR4) in status	100GBASE-SR1, multifiber connector
000	OC10
OC9 MDI dimensions for 200GB ASE-VR2, 200GBASE-SR2, 400GBASE-VR4, and 400GBASE-	Cabling connector dimensions for 200GBASE-SR2 and 400GBASE-SR4, or 100GBASE- VR1 and 100GBASE-SR1, multifiber connector
SR4	
(VR2, VR4, SR2, or SR4) in status	
OC10	
Cabling connector dimensions for 200GBASE-VR2, 200GBASE-SR2, 400GBASE-VR4, and 400GBASE-SR4	
(VR2, VR4, SR2, or SR4) in status	
OC11	
IVDE: TP/technical required EP/editorial required CP/general required T/technical E/editorial	G/general Comment /D 25 Page 7 of 14

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 25

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C/ 167 SC 167	7.8.6	P <b>55</b>	L11	# 26	C/ 91	SC 91.5.3.3	P <b>27</b>	L <b>30</b>	# 28
_ingle, Robert		OFS			Ran, Adee		Cisco		
Comment Type E	Comme	nt Status A			Comment	Type ER	Comment Status A		
optimization of T discussion in TF	and offline. What s Note has served	proposed." This to ever the TF decio	opic has had a pr des during comm	tion in place of resentation in TF & ent resolution on D2.0, deration) and should be	The su chang is unfo The pr	uggested remedy ed the second pa rmatted, so 10^- oblem still exists	t D2.0 was resolved in a was to include the third aragraph of 91.5.3.3 (firs 6 now reads as 10-6. in the third paragraph w re requirement, it would	paragraph of 91.5.3 t paragraph amendo /hich says "This opt	3.3, but the response ed) instead, and the te ion shall not be used"
Remove this edit	or's note						out (it is the option to by		
Response	Respons	e Status C			The ch	ange of the sec	ond paragraph is unnece	essary and can be re	everted.
ACCEPT IN PRI	-				Suggested	0	and paragraph is annood		
See response to						-	paragraph from the base	e document as liste	d below:
7immerman George		P <b>17</b> CME Consult	L8	# 27	error o	orrection to redu	ecoder may provide the ce the delay contributed	by the RS-FEC sub	blayer. The presence
Comment Type E Does this have to version of 60793 cannot publish bo undated reference AND allows this of SuggestedRemedy	Comme. b be a dated referr -2-10. If dated, pa efore 60793-2-10: the both achieves to draft to move forw	CME Consult nt Status <b>A</b> ence? If undated articularly with an 202x (whatever x he end of getting vard without the h	ting/ADI, APL Gp, d, it just points to n as-yet-unpublish ( may be) publish the new version itch.	, Cisco, CommScope, M the most current hed draft, this standard les. Making it an when it is available,	error c this op 91.6.8 FEC_t as in D Chang	orrection to redu tion is indicated ). When the optio pypass_correctio 02.1>" the editorial in the second para		by the RS-FEC sub EC_bypass_correc led by the assertion 01.6.1). This option.	blayer. The presence of tion_ability variable (s of the <remainder of="" td="" te<="" the=""></remainder>
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C/ 1	SC	1.3	P <b>17</b>	L <b>8</b>	# 30	C/ 167	SC 167.10	.3 P61	L <b>37</b>	# 31
Ran, Ade	е		Cisco			Ran, Adee		Cisco		
Comment	t Type	Е	Comment Status A			Comment	Type <b>TR</b>	Comment Status A		
			ed as 202x. I assume this do ished before 802.3db is final		lished yet and it is	I am re discus		nent #133 against D2.0 (wł	ich was marked as	bucket and not
			find its way to the published	amendment.				Receiver compliance testin should apply only to the tra		ich is the MDI per
Suggeste										
		or's note (to 5 footnote	b be removed prior to publicated f.	ition) to update th	he year here and in			0.3 seems to have been inh stances of similar notes. Ho		
Response	е		Response Status C					y to transmitter compliance		
		PRINCIPL se to comm						at TP2 as defined in 86.5.1 ote, which fixes the issue I		
Chan	an first	aantanaa	in factanto fi			This pr	oject should	use the better precedent tex	d.	
"Thes to	se limits	s are consi	in footnote f: istent with IEC 60793-2-10 A istent with IEC 60793-2-10/A		2x)."		submitted a c ext in clause	omment to the maintenanc 86.	e project to align all	clauses to the version
THES			Sterit with IEC 00793-2-10/P			Suggested	Remedy			
								o read: compliance testing is perfo	rmed at TP2 as defi	ned in 167.5.1, not at
						Response		Response Status W		
						ACCEI	PT.			
						C/ 167	SC 167.8.	6.1 <i>P</i> 55	L <b>30</b>	# 32
						Ran, Adee		Cisco		
										Bucke
						Ran, Adee <i>Comment</i> In "9 ta	Туре Е	Cisco	ound adjective, so s	
						Ran, Adee <i>Comment</i> In "9 ta hypher	<i>Type</i> <b>E</b> ap reference e a, "9-tap".	Cisco Comment Status A	•	
						Ran, Adee <i>Comment</i> In "9 ta hypher Compa	<i>Type</i> <b>E</b> p reference e n, "9-tap". are to multiple	Cisco <i>Comment Status</i> <b>A</b> qualizer", "9 tap" is a comp	e base document.	hould be written with a
						Ran, Adee <i>Comment</i> In "9 ta hypher Compa	<i>Type</i> <b>E</b> up reference e n, "9-tap". are to multiple	Cisco Comment Status A qualizer", "9 tap" is a comp instances of " <n>-bit" in th</n>	e base document.	hould be written with a
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						Ran, Adee <i>Comment</i> In "9 ta hypher Compa Similar Suggested	Type E p reference e n, "9-tap". are to multiple issue with "5 Remedy	Cisco Comment Status A qualizer", "9 tap" is a comp instances of " <n>-bit" in th tap" in previous clauses is</n>	e base document.	hould be written with a

C/ 1	SC 1.4.142a	P <b>17</b>	L <b>42</b>	# 33	C/ 30	SC 30.5.1.1	.2 P18	L19	# 34
Dudek,	Mike	Marvell			Dudek, Mi	ike	Marvell		
Comme	nt Type E	Comment Status D			Comment	Туре Т	Comment Status	A	
	ouldn't 400GBASE- 16 and 400GBASE-	SR4 be listed after 400GBAS SR8	E-SR8 rather tha	n between 400GBASE-			s has left nothing that di reserves the reaches to		
Suggest	tedRemedy				Suggestee	dRemedy			
Cha	ange the section to	1.4.144a and make 400GBA	SE-VR4 into sect	ion 1.4.144b	Re-ins	state the distand	ces as they were in draft	2.0. Also in table 11	6-1
Propose	ed Response	Response Status Z			Response	;	Response Status	;	
REJ	JECT.				ACCE	EPT IN PRINCIP	PLE.		
This	s comment was WI	THDRAWN by the commenter	er.		These D2.0	e reaches were	removed after discussior	n of comments #66, 6	7, 68, 70, 71, and 72 on
					Make	the following ch	anges		
							100GBASE-R PCS/PMA ified in Clause 167	over multimode fiber	PMD with reach up to
							100GBASE-R PCS/PMA cified in Clause 167	A over multimode fibe	r PMD with reach up to
							200GBASE-R PCS/PMA ified in Clause 167	over multimode fiber	PMD with reach up to
							200GBASE-R PCS/PMA cified in Clause 167	A over multimode fibe	r PMD with reach up to
							400GBASE-R PCS/PMA ified in Clause 167	over multimode fiber	PMD with reach up to
							400GBASE-R PCS/PMA	A over multimode fibe	r PMD with reach up to

Marvell comment Status <b>A</b> the descriptions of VR and R and SR. Note that the tion as is done for 400G in sponse Status <b>C</b> d after discussion of comm	reach is include n table 116-2		SuggestedRe	vpe <b>T</b> t subclauses lis <i>emedy</i> OM6 to 167.8. <sup>-</sup>	Marvell Comment Status A ted. 7, OM7 to 167.8.8 and OM8 Response Status C	to 167.8.9	Bucke
the descriptions of VR and R and SR. Note that the tion as is done for 400G in sponse Status <b>C</b>	reach is include n table 116-2		Incorrect SuggestedRo Change Response ACCEP1	, t subclauses lis <i>temedy</i> OM6 to 167.8. <sup>-</sup>	ted. 7, OM7 to 167.8.8 and OM8	to 167.8.9	Buck
R and SR. Note that the tion as is done for 400G ir sponse Status <b>C</b>	reach is include n table 116-2		SuggestedRo Change Response ACCEPT	emedy OM6 to 167.8.	7, OM7 to 167.8.8 and OM8	to 167.8.9	
tion as is done for 400G ir sponse Status <b>C</b>	n table 116-2	ed to differentiate the	Change Response ACCEP1	OM6 to 167.8.		to 167.8.9	
sponse Status C			Response ACCEP1			to 167.8.9	
sponse Status C			ACCEPT	Т.	Response Status C		
	ments #66, 67,			Τ.			
d after discussion of com	ments #66, 67,		C/ 00				
d after discussion of com	ments #66, 67,			SC 0	Р	L	# 38
		68. 70. 71. and 72 on	Grow, Rober	rt	RMG Consult	ing	
			Comment Ty	/pe E	Comment Status A	-	Bucke
			I am sati	isfied with my [	02.0 comments #221 and #2	30.	
	ncoding over tw	vo lanes of multimode	SuggestedRe Remove	,	isfied comments list.		
st 50 m (see Clause 107)			Response		Response Status <b>C</b>		
		vo lanes of multimode	ACCEPT	Т.	,		
P <b>57</b>	L <b>43</b>	# 36	C/ FM	SC FM	P <b>1</b>	L <b>41</b>	# 39
Marvell			Grow, Rober	rt		ing	
omment Status A			,				Bucke
to be met for each lane of	on it's own is co	nflicting with section				nplate text missi	ng from next page, and
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sponse Status C			Response		Response Status C		
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	st 50 m (see Clause 167) PHY using 200GBASE-R e st 100 m (see Clause 167) <b>P57</b> Marvell omment Status <b>A</b> R to be met for each lane o d to be met for each lane	st 50 m (see Clause 167) PHY using 200GBASE-R encoding over tw st 100 m (see Clause 167) P57 L43 Marvell comment Status A R to be met for each lane on it's own is co d to be met for each lane under test on it 167.1.1. For multilane interfaces the req sponse Status C	PHY using 200GBASE-R encoding over two lanes of multimode at 100 m (see Clause 167) P57 L43 # 36 Marvell omment Status A R to be met for each lane on it's own is conflicting with section d to be met for each lane under test on its own" to "The 167.1.1. For multilane interfaces the requirements are asponse Status C	st 50 m (see Clause 167)       Response         PHY using 200GBASE-R encoding over two lanes of multimode       ACCEP         St 100 m (see Clause 167)       C/ FM         Marvell       Grow, Robeit         omment Status A       Comment Status A         R to be met for each lane on it's own is conflicting with section       Don't for in the for         of to be met for each lane under test on its own" to "The       Update         167.1.1. For multilane interfaces the requirements are       Response         sponse Status C       ACCEP	st 50 m (see Clause 167)       Response         PHY using 200GBASE-R encoding over two lanes of multimode       Response         P57       L43       # 36         Marvell       Marvell         omment Status A       R to be met for each lane on it's own is conflicting with section       C/ FM SC FM         Grow, Robert       Comment Type       E         Don't forget to update cr       in the footer when produce         if to be met for each lane under test on its own" to "The       SuggestedRemedy         Update framemaker var       Variable and if not, update         sponse Status C       ACCEPT.	st 50 m (see Clause 167)       Response Status C         PHY using 200GBASE-R encoding over two lanes of multimodes to 100 m (see Clause 167)       Response Response Status C         P57       L43       # 36         Marvell       Marvell       C/ FM SC FM P1         Grow, Robert       RMG Consult         Comment Status A       Robe met for each lane on it's own is conflicting with section       Don't forget to update copyright year here and in terr in the footer when producing the next draft         SuggestedRemedy       Update framemaker variable and inspect front page vairable and if not, update.         Response Status C       Response Status C	st 50 m (see Clause 167)       PHY using 200GBASE-R encoding over two lanes of multimode         P57       L43       # 36         Marvell       Marvell         omment Status A       R to be met for each lane on it's own is conflicting with section         d to be met for each lane under test on its own" to "The 167.1.1. For multilane interfaces the requirements are       The requirements are         sponse Status C       Response Status C         Response Status C       Response Status C

Grow, Robert			# 40	CI <b>30</b>	SC 30.3.2.1.2	2 P1	0	L <b>2</b>	# 42
JUW, RUDER	RMG Consult	ing		Grow, Rob	pert	RMG	Consulting		
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ACCEPT IN PRINCIPLE.				Response	)	Response Status	С		
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All rights reserved. Publish	hed xx Month 20xx. Printe	d in the United S	States of America.	CI <b>45</b>	SC 45.2.1.6	P1	9	L <b>7</b>	# 43
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Cl <b>45</b>	SC 45.2.1.24	P <b>22</b>	L <b>22</b>	# 45	C/ 80	SC 8	0.1.4	P <b>24</b>	L <b>27</b>	# 48
Grow, Rob	pert	RMG Consultin	g		Grow, Rol	pert		RMG Consu	lting	
Comment Type E Comment Status A Bucket			Comment Type E Comment Status A							
Mispla	aced ellipsis row.							insert point for new items, it		
Suggeste	dRemedy							number order nor alphanum es on P802.3/D3.0. (Also a		
Move	between bits 10 a	nd 2.			Suggeste			00 0111 002.0/D0.0. (/100 u		
Response	9	Response Status <b>C</b>			00			omment resolution and if a c	order bevond data	a rate is found adjust
ACCE	PT.							solution.		
					Response			Response Status <b>C</b>		
C/ <b>45</b>	SC 45.2.1.24a		L <b>29</b>	# 46	ACCE	PT IN P	RINCIPL	.E.		
Grow, Rob		RMG Consultin	g		See.r		to	ant #0		
Comment	51	Comment Status R		Bucket	Seen	esponse	to comm	ient #9		
Oops	on subclause num	nber.					= =.	0 stated:		
Suggeste	dRemedy							P802.3cj D2.0 defined the ///////////////////////////////////		
Numb	er should be 45.1	.24.1aa if I remember right. (	Also correct in	editing instruction.)	mp.//	www.iccv	5002.01g	/3/0/00/00/10020 D2p	o comments i ma	ar byib.pai#page=14
Response	9	Response Status C						d/reach" order using the foll	owing set of rules	5.
REJE	• · ·					reasing s reasing r		aximum supported distance	over the medium	).
		should appear before 45.1.24 mber is 45.1.24.a.	.1 in the next r	evision of 802.3, and		creasing				,-
<u> </u>	SC 80.1.3	Dod	10	# 47	The fo	ollowing	suppleme	ental rules address are inclu	ided to address s	pecial cases.
CI 80		P <b>24</b>	L <b>9</b>	# 47				tions, by convention, are as		f 0.
Grow, Rob		RMG Consultin	g					ede "Fiber" PHYs (all else b all else being equal).	eing equal).	
Comment Base	51	Comment Status A 02.3/D3.0 has an em-dashed	ist following the	<i>Bucket</i> e opening phrase.	υ. Αφ	nanumei		an eise beirig equal).		
00	dRemedy									
Trans	late the additions	to new em-dash items in the I	ist.							
Response	<b>;</b>	Response Status C								

ACCEPT.

C/ 116 SC 116.1.3	P <b>32</b>	L <b>34</b>	# 49	C/ 167	SC 167.8.6	P <b>54</b>	L <b>49</b>	# 51			
Grow, Robert RMG Consulting					Palkert, Tom Macom						
Comment Type E	Comment Status A			Comment	Туре Т	Comment Status A					
appear to be consistent order of the existing table SuggestedRemedy Monitor P802.3/D3.0 con	nment resolution and if a o	/ random (other t	han data rate grouping)	Section 167.8.6 page 54 lines 49 and 52 (draft 2.1) states that the filter response should not exceed -24dB for both of the cascaded filters used for the TDECQ measurements. The filter BW values were selected base on Lewis_3db_01_070121 with no mention of the filte values at 1.3x BW. The limit of -24db appears to be valid at a freq. of 1.5x BW. We changed from 1.5x to 1.3y in draft 1.1 but the min value stayed at -24. Based on the graph below we need to change							
insert points per that reso					24db to -20db.						
Response Response Status C ACCEPT IN PRINCIPLE.					SuggestedRemedy						
					Change -24 dB to -20 dB.						
See response to comme	See response to comment #9				Response Response Status C						
Comment #241 on D2.0 stated: "Comment #65 against P802.3cj D2.0 defined the order of items in Table 78-1. See: http://www.ieee802.org/3/cj/comments/P8023-D2p0-Comments-Final-byID.pdf#page=14"					ACCEPT IN PRINCIPLE. Change the roll off value to -20 dB for the two filters in section 167.8.6, page 54, lines 49 and 52.						
1. Increasing speed.	reach" order using the follo imum supported distance of lanes	0									
4. PHY "family designation	tal rules address are includ ons, by convention, are ass de "Fiber" PHYs (all else be else being equal).	signed a reach of									