C/ 167 SC 10	67.7.1 P5	51 <i>L</i> 15	# 1	C/ 167	SC 167.	7.2	P	52	L <b>40</b>	# 3
Abbott, John		ing Incorporated		Abbott. Jo	-			ning Incorpo	-	
Comment Type	TR Comment Status	•		Comment	Type TR		Comment Statu	s R		
option for conn- project. In orde OM4 fiber (opti sense to broad the VR transmi at 940nm which comment agree	Transmit Characteristics the ections to the server. This w r to optimize VR for this new mized for performance at 85 en the wavelength range for tters as low cost as possible n need to match a lower fibe es with basic point of comme ered around 850nm (the des	as fully summarized in the market opportunity using 00nm) we need to balance VR from 842 to 865 (wide b, but it is not at all clear th r BW can match those at ent 70 of D1.1 that the VR	e original CFI for the existing OM3 and all options. It makes er than SR) to make hat using transmitters 850nm. This wavelength range	restor 850nr 865nr requir Suggeste	e the receive n transceiver n. Choose t ements in the dRemedy ge 842 to 944	wavel s more he wav e data	length range to 8- e robust and cost velength range fo center.	42-863; if inc effective for r VR transmi	reasing the ra short distance itter and recei	ection to the server, inge to make VR e, increase this to 842- ver based on end user in both sides) for VR
SuggestedRemedy				Response	ļ.		Response Statu	s C		
Change 842 to <i>Response</i> REJECT.	948 to 824 to 865 (2nm wic <i>Response Status</i>		)		enter wavele on, weighing	<b>U</b>	0 /			ution against D1.1. The gth range to 842 - 948
	accompanying presentation, 01_090921.pdf.			For S	R, the center	wavel	ength range is 84	14 - 863 nm.		
	elength (range) was discuse weighing the pros and cons,			Cl <b>167</b> Abbott, Jc Comment				2 <b>53</b> ning Incorpo rs <b>A</b>	L <b>14</b> rated	# 4
C/ 167 SC 10 Abbott, John	Corn	ing Incorporated	# 2	budge sense	et should be e	execute	ed at 842 and 948 presentation with	8nm. The ta	ble uses 850r	is 842-948 the power m (which makes Do we need a
51	T Comment Status			Suggeste	dRemedy					
low cost as pos if we tighten the easier to make	of VR is specified as 0.65nr ssible does it make sense to e wavelength range back to with an even wider spectral	have a wider spectral wid 842-863nm can we make	th spec at 940nm? Or	Sugge 842 to	ested remedy 863nm. 2n or power but	d optio	on is to modify tab	le 167-9 to i	nclude subcol	7.7.1 (transmitter) to umns under OM3 and g TBDs in the rest of
SuggestedRemedy				Response	,		Response Statu	s C		
	to 948 increase spectral wie al width at 850nm to 0.70	dth at 948 to 0.70. If line	15 is 842 to 863,	ACCE	PT IN PRIN	CIPLE				
Response REJECT.	Response Status	С		Add a 167-1		Table 1	167-9 that refers t	o the fiber m	iodal bandwid	th information in Table
yield, (b) Place	tral width specification is a b more burden on the receive al noise and MPN.			Add ti exam		ber mo	odal bandwidth va	lues in Table	e 167-15 using	g Table 150-14 as an
A maximum of	0.65 nm for RMS spectral w	idth is a good balance.								
TYPE: TR/technica	I required ER/editorial requi	red GR/general required	T/technical F/editorial G	/general				Comment	t ID 4	Page 1 of 16

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 Z/withdrawn SORT ORDER: Comment ID

Comment ID 4

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C/ 167 SC 167.8.5	P 57	L <b>40</b>	# 5	C/ 167	SC	167.7.1	P 51	L 27	# 7
Abbott, John	Corning Inco	orporated		Ghiasi, Ali			Ghiasi Qu	antum/Marvell	
Comment Type T	Comment Status D			Comment	Туре	TR	Comment Status D		
same 3dB BW, inclue	er emulation filter needs to m ding pre-pulses, post-pulses,	dual-Dirac-Delta p	oulses. The worst case				on we changed threshold I improve somewhat	adjust from +/-1%	to +/- 2% with this
is likely a small pre o extrapolated to 3dB is	r post pulse which whos 3dB	BW is X but who	se 1.5dB BW	Suggested	Reme	dy			
SuggestedRemedy				00			CQ for both SR/VR=4.1 c 1 for TDECQ measurem		
Verify worst case ass particularly for VR at	sumption used in TDECQ and 948.	I compare to fiber	minEMBc 1.5dB BW,	Proposed	,	nse	Response Status Z		
Proposed Response	Response Status Z			REJEC	CT.				
REJECT.				This co	ommer	nt was WI	THDRAWN by the comm	enter.	
This comment was V	/ITHDRAWN by the commen	ter.		C/ 167	SC	167.7.2	P <b>52</b>	L 51	# 8
C/ 167 SC 167.7.1	P <b>51</b>	L 45	# 6	Ghiasi, Ali			Ghiasi Qu	antum/Marvell	
Ghiasi, Ali	Ghiasi Quan		# 0	Comment	Туре	TR	Comment Status A		
Comment Type TR	Comment Status A						ess than and less than me wed with Acrobat DC	natch symbols show	v up nu and Omega with
	r-less than and less than mat	ch symbols show	up nu and Omega with	Suggested					
	viewed with Acrobat DC						ue with FM16 that requri	e a different way to	create PDF to avoid
SuggestedRemedy				these i	ssues		•		
This seem to be an is these issues	ssue with FM16 that requrie a	different way to c	create PDF to avoid	Response			Response Status C		
Response	Response Status <b>C</b>			ACCE	PT IN I	PRINCIPL	E.		
ACCEPT IN PRINCIP	,			See re	sponse	e to comm	ient #6.		
					•				
A workaround for the	Framemaker issue g developed. The solution ma	av not got implom	optod in the payt draft						
	nment if it is not resolved.	ay not get implem	enteu in the next utall.						

Comment ID 8

C/ 167	SC 167.7.1	P 51	L <b>44</b>	# 9	C/ 167	SC 167.7.2	P <b>52</b>	L <b>44</b>	# 11
Ghiasi, Ali		Ghiasi Quant	um/Marvell		Ghiasi, Ali		Ghiasi Quan	tum/Marvell	
Comment T	ype TR	Comment Status R			Comment 7	Type TR	Comment Status R		
we have	e now added the	s had to use APC cable plan e option of APC connectors. 12 dB glass-air termination!			we hav	e now added th	rs had to use APC cable plan ne option of APC connectors. 12 dB glass-air termination!	. If reflections ar	
SuggestedF	Remedy				Suggested	Remedy			
	t adding 20 dB oss tolerance to	transmitt reflectance to the ta	able and suggest	to change optical		st adding 20 dE erance to 15 d	receive reflectance to the ta B	ble and suggest	to change optical return
Response		Response Status C			Response		Response Status C		
REJEC <sup>-</sup>	Т.				REJEC	CT.			
(a) Insta	allations with P	C fiber termination may not m	neet the maximur	n 15 dB return loss.	(a) Inst	allations with F	C fiber termination may not r	meet the maximu	um 15 dB return loss.
(b) Disc	ussed after res	olution of comment 72.			(b) Disc	cuss after reso	ution of comment 72.		
Need to	consider scen	arios where PC MDIs, like wi	th 100G-SR1, ar	e used.	Need to	o consider scei	narios where PC MDIs, like w	<i>v</i> ith 100G-SR1, a	ire used.
C/ 167	SC 167.7.1	P <b>5</b> 1	L <b>44</b>	# 10	C/ 167	SC 167.7.2	P53	L <b>7</b>	# 12
Ghiasi, Ali		Ghiasi Quant	um/Marvell		Ghiasi, Ali		Ghiasi Quan	tum/Marvell	
Comment T	ype TR	Comment Status A			Comment 7	Type TR	Comment Status D		
	oot is TBD						ion we changed threshold ad vill improve somewhat and as		
SuggestedF					Suggested		,		
	e TBD overshoo asi db 01 092	ot with 20% 21 for the overshoort measure	ametris		00		Q for both SR/VR=4.1 dB		
Response	d31_db_01_002	Response Status C					21 for TDECQ measurement	ts	
•	T IN PRINCIPL	,			Proposed F	Response	Response Status Z		
ACCEI					REJEC	ЭΤ.			
Set ove	rshoot/undersh	oot (max) at 26% with 3E-3 h	hit ratio for both S	R and VR links.	This co	omment was W	ITHDRAWN by the comment	ter.	
					Followi	ng discussion a	accompanying the presentati	on ghiasi_3db_0	1_092321.pdf,

Following discussion accompanying the presentation ghiasi\_3db\_01\_092321.pdf, SECQ is set at 4.4 dB for both SR and VR links.

C/ Front m SC Front matter P17 L48 # 15
Dawe, Piers Nvidia
Comment Type E Comment Status A
These examples, P802.3bj and IEEE P802.3bk, are history now.
SuggestedRemedy
Change to the list of post-802.3dc projects that overlap with this one, as best we know it,
including cw and ck; this will help the reader.
Response Response Status C
ACCEPT IN PRINCIPLE. Replace list of projects in this editors' note with: IEEE Std 802.3cs-20xx IEEE Std 802.3cw-20xx IEEE Std 802.3ck-20xx
IEEE Std 802.3cx-20xx
C/ 1 SC 1.4 P18 L14 # 16
Dawe, Piers Nvidia
Comment Type E Comment Status A Buck 1.4.33 "100GBASE-R encoding"
5
SuggestedRemedy Do the subclause numbers such as 1.4.33 need updating?
Response Response Status C
ACCEPT IN PRINCIPLE. Update the subclause numbers in this section in accordance with the latest draft of 802.3d
1.4.39a 100GBASE-SR1 "after 100GBASE-SR10" 1.4.41a 100GBASE-VR1 "after 100GBASE-SR4"
1.4.103a 200GBASE-SR2 "after 200GBASE-R" 1.4.104a 200GBASE-VR2 "after 200GBASE-SR4"
1.4.134a 400GBASE-SR4 "after 400GBASE-SR16"

C/ <b>45</b>	SC 45.2.1.6	P <b>21</b>	L10	# 17	Cl 116 SC 116.1.2 P35 L9 # 20
Dawe, Pie		Nvidia			Dawe, Piers Nvidia
Comment	Туре Е	Comment Status A or basis of 802.3dc			Comment Type     E     Comment Status     A     Bucket       As 8 lane is g and 4 lane is h
Suggestee Per co	dRemedy omment				SuggestedRemedy 2 lane should be i and 1 lane (P802.3cw's "400GBASE-ZR") should be last, at j.
	PT IN PRINCIPLI				Response Response Status C ACCEPT IN PRINCIPLE. Coordinate with 802.3cw on the ordering of this table.
Subcl	ause numbers and	d table entries in Clause 45	will be updated.		C/ 116 SC 116.1.4 P37 L12 # 21
CI 80	SC 80.1.4	P <b>27</b>	L <b>27</b>	# 18	Dawe. Piers Nvidia
Suggestee Make Response	<i>Type</i> <b>E</b> are making this le <i>dRemedy</i> the table full width	h with the left column sized to Response Status <b>C</b>	o contents	Bucket	Comment Type E Comment Status A Bucket Wrong font SuggestedRemedy Response Response Status C ACCEPT IN PRINCIPLE. Use the correct font.
	e the table with ec	=-			
Cl <b>91</b> Dawe, Pie Comment 91.1.0	Туре Е	P <b>33</b> Nvidia Comment Status A	L 26	# <u>19</u> Bucket	Cl 116 SC 116.1.3 P36 L14 # 22 Dawe, Piers Nvidia Comment Type E Comment Status A Bucket Table layout SuggestedRemedy
Suggestee					Make Table 116-2 full width with the left column narrower (sized to 400GBASE-LR4-6)
	PT IN PRINCIPLI	Response Status <b>C</b> E. number manually.			Response     Response Status     C       ACCEPT IN PRINCIPLE.     Resize the table with editorial license.

C/ 116 SC 116.4	P 38	L <b>6</b>	# 23	C/ 167 SC 167.7.1	P 51	L <b>4</b>	# 26
Dawe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type E Missing context	Comment Status A		Bucket	Comment Type E per the definitions in .	Comment Status A		Bucket
SuggestedRemedy				SuggestedRemedy			
Please show the unchated other tables.	anged rows immediately befo	re and after the	changed rows, as in	167.8 Also in 167.7.2.	Deenenee Statue C		
Response	Response Status C			Response ACCEPT.	Response Status <b>C</b>		
ACCEPT IN PRINCIPI Add one unchanged b	LE. elow and above the new entri	es.		C/ 167 SC 167.7.1	P51	L 12	# 27
C/ 167 SC 167.1	P 41	L 24	# 24	Dawe, Piers	Nvidia	- 12	
Dawe, Piers	Vidia	L 24	# 24	Comment Type E	Comment Status A		Bucket
Comment Type E	Comment Status A		Bucket	Alignment in unit column			
Font too small			Duckei	SuggestedRemedy			
SuggestedRemedy				Centre?			
Should be 9 point not	7. Remove override.			Response	Response Status <b>C</b>		
Response ACCEPT IN PRINCIPI	Response Status <b>C</b>			ACCEPT. Center elements in the "U			
Use the correct font.				C/ 167 SC 167.7.1	P <b>51</b>	L <b>25</b>	# 28
C/ 167 SC 167.1	P <b>42</b>	L 23	# 25	Dawe, Piers	Nvidia		
Dawe, Piers	Nvidia			Comment Type T	Comment Status A		
Comment Type E	Comment Status A		Bucket	In general, merging cells VR and SR look the same			
-				SuggestedRemedy			
SuggestedRemedy				Spell out the entries for V	R and SR separately for th	nis row and the n	ext three.
78 (no dot)				Response	Response Status <b>C</b>		
Response	Response Status C			ACCEPT IN PRINCIPLE.			
ACCEPT IN PRINCIPI Edit the cross-reference	LE. ce to remove the period.			Make separate columns in suggested remedy.	n Table 167-7 for the entrie	es for VR and SF	R links according to the

C/ 167 SC 167	7.7.1 <i>P</i> 51	L 28	# 29	C/ 167	SC 167	7.7.1	P 51	L <b>48</b>	# 31
Dawe, Piers	Nvidia			Dawe, Pier	s		Nvidia		
Comment Type T	Comment Status A			Comment	Туре Т	•	Comment Status R		
	mpeting definitions for OMA (n posed to do with them.	nin) in this table. W	e need to explain what	should	expect high	gher Ce	I is relatively slower than for a eq, contributing to TDECQ, be	ut we should no	ot expect higher K
SuggestedRemedy				expect	that "false	e 9 tap: e negat	s rather than 5, and 2% thres ives" won't be such an issue	with 2% thresh	old adjust, and we can
One way would b too.	e to use max(TECQ, TDECQ).	. This applies in the	text and Figure 167-3	set the should	limits clos re-optimis	ser to v se the s	what we really want, with less spec considering these things	padding for me	easurement issues. We good equalisable
Response	Response Status C						efore the fibre. Overshoot/u entually but it's still evolving,		
ACCEPT IN PRI	-			transm TECQ.	itters that	it miss	es - and K is a free by-produc	t of TDECQ, k	(' is a free by-product of
Combine the two	Outer OMA, each lane (min) to	o one:			limit is sin qualisatior		VEC in C2M and EVM in coh	erent: a screer	for signals that are bad
Outer OMA, each				Suggested	Remedy				
		.6 dBm .4 + max(TECQ,TDI	ECQ)		rows for K R and SR		Q-10.log10(Ceq') and K=TDE	CQ-10.log10(C	eq), limit 4 dB. For
C/ 167 SC 167	.7.1 <i>P</i> 51	L <b>34</b>	# 30	Response			Response Status C		
Dawe, Piers	Nvidia			REJEC	CT.				
Comment Type E Table layout	Comment Status A		Bucket				of links that fail due to high K ucing the suggested new spe		ng all other Tx tests will
SuggestedRemedy Resize column w	idths to contents						nals with high K' that pass th signals with high K' for receiv		
Response	Response Status C			C/ 167	SC 167	7.7.1	P 52	L <b>4</b>	# 32
ACCEPT IN PRI	-			Dawe, Pier	s		Nvidia		
Implement with e	altorial license.			Comment	Туре Е		Comment Status A		Bucket
				Figure	is a bitma	ıp			
				Suggested	Remedy				
				Insert	figure anot	ther wa	y so it is a vector graphic. Al	so figures 167	-4, 167-5.
				Response			Response Status C		
				ACCE	PT				

C/ 167	SC 167.7.1	P 52	L 19	# 33
Dawe, Piers	S	Nvidia		
Comment 7 TECQ(	51	Comment Status A		Bucket
Suggestedl Insert s	Remedy space. Also Fig	ure 167-5.		
Response ACCEF		Response Status C		
C/ 167	SC 167.7.2	P 53	L16	# 34
Dawe, Piers	s	Nvidia		
Comment 1	Туре Т	Comment Status A		
SR4": i	t's not "applies"	BASE-VR2, 400GBASE-VR4, that should be qualified by "c		
Anyway		erating as single-lane PMDs. clause 167.8.13 defining stres	sed receiver se	nsitivity, where the
Suggested				
Applies or much Not app Or, bech as whe Anyway	to 200GBASE h better and in p plicable to 100G cause the same n running as 1 y, because this	mprovement, change to: -VR2, 400GBASE-VR4, 200G preparation for 800GBASE-VI BBASE-VR1 and 100GBASE- module suffers the same cro x 400GBASE-VR4, remove th topic is addressed in 167.8.1 thotes - delete the note. See	R8 and 800GBA SR1. sstalk if used as the exception. 3 and we should	SE-SR8, s 4 x 100GBASE-VR1 I not be defining things
Response		Response Status <b>C</b>		0
ACCEF	PT IN PRINCIPI	•		
Delete	footnote e in Ta	able 167-8.		
C/ 167	SC 167.7.2	P 52	L <b>49</b>	# 35
Dawe, Piers	S	Nvidia		
	ed receiver sens	Comment Status A sitivity and Conditions of stres		
		ne table. Compare Table 151	-8 and Table 14	0-7.
Suggested			1411 - 141	
	stressed receive	er sensitivity and Receiver ser	nsitivity rows	
Response		Response Status C		

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 Z/withdrawn SORT ORDER: Comment ID

# 36 e, Piers Nvidia ment Type Е Comment Status A As far as I can see, Figure 167-5 presents the same information as figure 167-3 and 167-4, but does it better because the information is on a single graph so one can see the relation between transmit and receive OMAs. restedRemedy Delete 167-3 and 167-4, move 167-5 to become 167-3 and refer to it instead of the existing 167-3 and 167-4. onse Response Status C ACCEPT IN PRINCIPLE. Keep Figure 167-5 and eliminate Figures 167-3 and 167-4. Update the references to the iaures. mplement with editorial license. SC 167.8.1.1 P56 L28 67 # 37 e, Piers Nvidia ment Type T Comment Status A We specify that each lane has the min OMA and max TDECQ or better, and we specify SRS at min OMA and max TDECQ. The PCS distributes 10-bit symbols across the PAM4 anes and MSB/LSB equally, so what matters is the aggregate of errors on all the lanes. Specifying this for the receiver, we will still exceed the spec in practice because of scatter on transmit parameters. Clauses 86 and 95 and the copper PMDs have this right.

P54

L45

### nestedRemedv

Change from "Stressed receiver sensitivity is defined for each lane at the BER specified in 167.1.1." to "Stressed receiver sensitivity is defined for an interface at the BER specified in 67.1.1. The interface BER is

he average of the BERs of the receive lanes when they are stressed."

After "operated as specified.", insert "To find the interface BER, the BERs of all the lanes when stressed are averaged."

n 167.8.13, delete "The BER is required to be met for each lane under test on its own."

onse Response Status C

ACCEPT IN PRINCIPLE.

SC 167.7.3

mplement the suggested remedy with editorial license.

The case of breakout was discussed. As an example, 400GBASE-SR4 is considered a single interface, and breakout is considered a separate application. Breakout is not defined n Člause 167.

Comment ID 37

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C/ 167	SC 167.8.5	P 57	L 31	# 38	C/ 167	SC 1	67.8.13	P 59	L <b>50</b>	# 40	
Dawe, Piers	8	Nvidia			Dawe, Pier	s		Nvidia		-	
omment T	<i>ур</i> е <b>т</b>	Comment Status A			Comment	Гуре	т	Comment Status A			Bucket
		00GBASE-FR4 and 400GBA			As SE	CQ and	TECQ are the	ne same			
The noi	malized noise poise filtered by	power density spectrum, N(f) a fourth-order Bessel-Thoms	) in Equation (121	-9), is equivalent to	Suggested	Remedy	,				
25.562								. Delete "except that fi	rom an ideal fou	rth-order Besse	I-
uggested	Remedy					on resp	-	has already been said.			
I suppo	se this applies	here, too.			Response	ים ואו דר		Response Status C			
Response		Response Status C					RINCIPLE.	ense.			
ACCEF	T IN PRINCIPL	_E.			· · · · ·						1
Add two	o exceptions in	167.8.5			C/ 167		67.8.13	P60	L12	# 41	
, 100 111					Dawe, Pier			Nvidia			
		se power density spectrum, National a fourth-order Bessel-Thoms			Comment			Comment Status A			
26.562	,		son response line		except	on. An	/way, what i	SE-VR8 and 800GBASE- f a multilane module is ru .lk" but it's just the same.			
and the		e sampling oscilloscope is us n must also be compensated			Suggested	Remedy	,	-			
	out of the equal	izer.			Response		F	Response Status <b>C</b>			
Note th	at the 4th order	BT filter bandwidth should b	e 26.5625 GHz,	not 25.5625 GHz.	ACCE	PT IN PI	RINCIPLE.				
C/ 167	SC 167.8.7	P 58	L 33	# 39	In sect	ion 167	8.13, sugge	stusina			
		Nvidia	2 3 3	π 39			in a multilar				
awe, Piers		Comment Status A		Ducket	in place						
00000000000000000000000000000000000000		Comment Status A		Bucket				GBASE-VR4, BBASE-SR4"			
uggestedł					CI 78	SC 7	8.1.4	P <b>25</b>	L <b>22</b>	# 42	
140.7.7	Also, delete "(	(in 802.3cu)". Similarly in 16	7.8.8.		Dawe, Pier	S		Nvidia			
esponse		Response Status C			Comment	Гуре	E (	Comment Status A			
ACCEF	ΡT.							SE-SRn PHY types is 4 2 80-5, 1 2. This seems ir		80-1, it's 10 2 4	l 1. In
					Suggested	Remedy	,				
					Consid	er what	the order sh	ould be, bearing in mind PHYs, make changes to			tly the
					Response	-	F	Response Status C			
							RINCIPLE.	t of latest 802.3dc draft a	nd reorder as ap	propriate.	
COMMENT		ed ER/editorial required GR spatched A/accepted R/reje ID				Z/witho	drawn	Comme	ent ID 42	0	9 of 16 021 4:09

C/ 167 SC 167.8	8.5 P 57	L <b>20</b>	# 43	C/ 167	SC 167.7.1	P 51	L <b>4</b>	# 46
Dawe, Piers	Nvidia			Bruckman	n, Leon	Huawei		
Comment Type T	Comment Status A			. Comment	Туре Т	Comment Status A		Bucke
	e first filter represents the system			Missir	ng reference			
	we should not be implying that a receiver, and a filter is only a sm			Suggeste	dRemedy			
SuggestedRemedy	· · · · · · · · · · · · · · · · · · ·			Add 1	67.8 at the end	of the sentence		
	st filter represents a receiver fror	nt end frequency	esponse", or similar.	Response	)	Response Status C		
Response	Response Status C			ACCE	EPT.			
ACCEPT IN PRINC	•			CL 467	SC 167.7.2	DED	1.00	# 47
Implement with edi				C/ 167		P <b>52</b>	L <b>29</b>	# 47
A) Replace "syster	n receiver" with "reference equa	lizer front end"		Bruckman	-	Huawei		Durle
A) Replace System				Comment	51	Comment Status A		Bucke
	r of the filters in the description:				ng reference			
	er represents the reference equa	anzer from end re	sponse.	Suggester	2			
C/ 167 SC 167.5	5.2 P 47	L <b>43</b>	# 44		67.8 at the end			
Bruckman, Leon	Huawei			Response		Response Status C		
Comment Type E	Comment Status A			. ACCE	:P1.			
	to use "each signal stream" inst			C/ 1	SC 1.4	P18	L12	# 48
	with the text in the following sec	tion. See also 802	2.3cu section 151.5.2	Choudhur	v, Mabud	OFS		
SuggestedRemedy			-	Comment	Type E	Comment Status A		Bucke
Replace: "The four levels in each signa	optical power levels in the signated at stream"	al stream", with: "	The four optical power			will be removed prior to pub	licatiion	
Response	Response Status C			Suggeste	dRemedy			
ACCEPT IN PRINO Make this change	CIPLE.					ote (to be removed prior to p 167.1, page 42, line 27.	ublication):" Also i	n clause 167.1, page
C/ 167 SC 167.5	5.7 P49	L9	# 45	Response	9	Response Status C		
		Lg	# 45		PT IN PRINCIP			• .
Bruckman, Leon	Huawei Comment Status R			Add "	(to be removed p	prior to publication)" to editor	s' notes as approp	oriate.
Comment Type E	mit_disable disables all lane's tra	onemittore						
		ansinitiers.						
SuggestedRemedy	a, "turning off the entired transmi	ttor in each land !	with the second off the					
optical transmitter i	e: "turning off the optical transmi in all lanes."	tter in each lane.	, with: "turning on the					
Response	Response Status C							
REJECT. It doesn't appear to other clauses.	o make things clearer and would	make this senter	ce inconsistent with					
EVPE: TR/technical rec	quired ER/editorial required GR	/general required	T/technical E/editorial	G/general		Com	ment ID 48	Page 10 of 16

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

C/ 167	SC 167.7.1	P 51	L 35	# 49	C/ 167	SC 167.8.	5
Lingle, Rol	bert	OFS			Lingle, Rob	pert	C
Comment	Type <b>TR</b>	Comment Status A			. Comment	Type ER	Comment St
guidar	nce from measure ou that a value of	oot parameter is currently TB ements will be available later i 22% protects the receiver su	n 2021, we hav	e guidance from	further contrib and ca	study." I hope ution in this d n be removed	"Noise handling in e that this topic car lraft cycle. Otherwis d at this point. This becomes available.
		and SRn PMD types with 22%					ecomes available.
		spec is to protect the Rx from		<b>o</b> ,	Suggested	<i>Remeay</i> /e this editor's	
		very high value will penalize th the Tx. 802.3cu determined t				e this editors	
SMF 1	x. Data on VCSI	EL Tx later in 2021 may allow			Response		Response Sta
reasor	nable value.				ACCEI	PT IN PRINC	IPLE.
Response		Response Status C			Implen	nent the respo	onse in comment #
ACCE	PT IN PRINCIPL	E.			Dama		
See re	sponse to comm	ent #10.			Remov	e the editors'	note.
C/ 167	SC 167.7.1	P51	L 48	# [50	C/ 167	SC 167.8.	5
-			L <b>40</b>	# 50	Lingle, Rob	ert	(
Lingle, Rol		OFS			Comment	Type ER	Comment Si
Comment		Comment Status A					"Use of minimum
prefer compe range not.In	red a slightly lowe elling reason to c will be brought in either case, this	Ided to TDECQ(max) value to er value, and to encourage fur hange TDECQ(max) from 4.4 to CR on D1.2, resulting in a value can be adjusted during	ther study on the dB to another v parameter value comment resolution	ne next draft. Either a alue within the cited e change, or it will ution as the draft	that thi cycle. this po	s topic can be Otherwise, I t	CQ has been prop e addressed with b hink the Editor's No can still be addres
progre	esses through W(	G ballot as well. There is no ne	eed to keep this	s editor's note in future			
drafts.	•				Suggested	Remedy	

### SuggestedRemedy

Remove this editor's note

Response

ACCEPT IN PRINCIPLE.

Editor's note on TDECQ (max) in Table 167-7 will be removed.

Response Status C

C/ 167	SC 167.8.5	P <b>57</b>	L <b>32</b>	# 51
Lingle, Robe	ert	OFS		
Comment T	vpe ER	Comment Status A		

in the fiber emulation and the fiber response is under an be addressed with both a comment & supporting vise, I think the Editor's Note has served its purpose is topic can still be addressed in WG ballot cycle if e.

Status C

#38.

C/ 167	SC 167.8.5	P <b>57</b>	L <b>33</b>	# 52
Lingle, Rob	ert	OFS		
Comment T	ype ER	Comment Status D		

n mean squared error optimization in place of posed." While this is an intriuging suggetion, I hope both a comment & supporting contribution in this draft Note has served its purpose and can be removed at essed in WG ballot cycle if further information

Remove this editor's note

Proposed Response Response Status Z

REJECT.

This comment was WITHDRAWN by the commenter.

ि 167 SC 167.10.3.3 P65 L8 # 5	53 C/ <b>30</b>	SC :	30.5.1.12	P 20	L14	# 55
ingle, Robert OFS	Nicholl,	Gary		Cisco		
Comment Type ER Comment Status A	Comme	nt Type	E C	comment Status A		Bucke
Editor's note states: "a recommendation concerning distinguishing features to in user if the MDI is angled or not should be considered." This item should be reso draft cycle or removed, as the answer should be clear by now. It is also not requ	olved in this cha uired for			ut this section, however v red with 802.3db D1.1.	vhen I checked	I don't see any actual
IEEE 802.3 to provide such guidance, which is more under the purview of cablir standards.				change bars are only use raft, and not for example		
uggestedRemedy	l su	snect this	comment ann	lies throughout the draft.		
Remove this editor's note		edRemed	••			
Pesponse Response Status C	00			s draft, but going forward	change hars sh	ould be reset at the
ACCEPT IN PRINCIPLE.				removed completely for a		
Add a sentence to 167.9.7 Like "It is recommended that each PHY with an angl	led fiber Respon	se	Re	esponse Status <b>C</b>		
connector indicate that it uses an angled MDI."	ACC Ens		PRINCIPLE. ne error bars a	re correct in subsequent	drafts.	
7/167 SC 167.8.5 P40 L13 # 5	54 C/ <b>80</b>	SC	80.1.3	P <b>27</b>	L7	# 56
ang, Yi Cisco Systems, Inc.	Nicholl,			Cisco		
comment Type TR Comment Status A	•		-	cisco		Dusta
"The TDECQ of each lane shall be within the limits given in Table 167-7 if meas the methods specified in 121.8.5." 8023-2018 121.8.5 (Page 135, Equation 121-9): The value of Ceq (coefficient for reference equalizer noise enhancement) can be calculated from N(f) and Heq(f) N(f) is the normalized noise power density spectrum equivalent to white noise fil fourthorder Bessel-Thomson response filter with a bandwidth of 13.28125 GHz." Issue: the noise enancement relates to receiver noise, so its calculation shall b reference receiver bandwidth.	or the 80. ) "Where Sugges iltered by a It is use be based on Respon	re is no c .3 as follo redRemed to late to d appropri	hange bar ass ows:", even the ly do anything wi ately and high	th regard to this draft, bu light all changes in the te esponse Status C	d from 802.3db t please ensure	D1.1. that change bars are
uggestedRemedy				re correct in subsequent	drafts.	
Add to the exception list: "- The normalized noise power density spectrum, N(f) in Equation (121-9), is eq white noise filtered by a fourth-order Bessel-Thomson response filter with a bandwidth of 25						
GHz." - same as 8023cu-2021						
ACCEPT IN PRINCIPLE.						
Implement the response in comment #38.						

C/ 80 SC	C 80.1.3	P <b>27</b>	L11	# 57	C/ 116	SC 116.1.2	P35	L14	# 60
Nicholl, Gary		Cisco			Nicholl, Gary		Cisco		
Comment Type	ER	Comment Status A		Bucket	Comment Typ	De ER	Comment Status A		Bucket
It should be	e " and in	oss-reference to Clause 167 Clause 167 for", where "(	Clause 167" is a	single cross reference.	should be		ce format for clause 167. Cu se 167 for". Use the "Claus ker.		
		olies to the enteries in Table and not "167". Look at the u				oss reference	according to the comment,		
SuggestedReme	edy						out the draft. For example the 16-1 and in Table 116-2.	same issue app	bears on line 18 of the
Fix the cross	s references	according to the comment.			Response	<b>,</b>	Response Status C		
Response ACCEPT IN					ACCEPT	IN PRINCIPI		er cross-referen	ces.
Fix this cros	s-reference	format without breaking oth	er cross-reteren	Ces.	C/ 116	SC 116.1.4	P 37	L <b>42</b>	# 61
CI 80 SC	C 80.1.3	P 27	L <b>33</b>	# 58	Nicholl, Gary		Cisco		
Nicholl, Gary		Cisco			Comment Ty	pe E	Comment Status A		Bucket
Comment Type	ER	Comment Status A		Bucket			bar associated with 400GBA	SE-ZR?	
SuggestedReme Fix the cross	-	according to the comment.				IN PRINCIPI at the error b	Response Status C E. ars are correct in subsequen	t drafts.	
Response		Response Status C			C/ 167	SC 167.7.1	P <b>51</b>	L <b>6</b>	# 62
ACCEPT IN	-	<ol> <li>format without breaking oth</li> </ol>	er cross-referen	200	Nicholl, Gary		Cisco		
		tormat without breaking our			Comment Ty	be E	Comment Status A		Bucket
Nicholl, Gary	C 91.5.2.7	P <b>30</b> Cisco	L11	# 59	changed	from the prev	d if chage bars are only used ious draft. This would make i ges from the previous draft.		
Comment Type		Comment Status A		Bucket	SuggestedRe		0		
between "10	00GBASE-S	entence is incorrect. There R2," and "100GBASE-DR" i derlined (as it is not being a	n the text being		In future from prev	drafts please	only use change bars to iden ther than marking all rows in the		
SuggestedReme	edy					ie liele ale l	• /		
Change the	text from "	100GBASE-SR1 " to " 100G	BASE-SR1 " or	" 100GBASE-SR1 "	Response ACCEPT		Response Status C		
Response		Response Status C				•			
ACCEPT IN	-								
Remove the	e underline f	rom the extra space.							

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 Z/withdrawn SORT ORDER: Comment ID

C/ 167 SC 167.7.1	. P <b>51</b>	L <b>36</b>	# 63	C/ 167 SC 167.7	.1 P51	L <b>31</b>	# 66
Nicholl, Gary	Cisco			Palkert, Tom	Macom		
Comment Type ER	Comment Status A		Bucket	Comment Type TR	Comment Status R		
"Transmitter power ex	ameter listed as "Transmitter e xcursion, each lane (max)" to b ous specifications such as 802	oe consistent with		SuggestedRemedy	made to sampling window the T	DECQ for VR ca	n be improved
SuggestedRemedy				Change TDECQ fo	r VR from 4.4 to 4.0 dB		
Change "Transmitter lane (max)"	excursion, each lane (max)" to	Transmitter po	ower excursion, each	Response REJECT.	Response Status C		
Response ACCEPT.	Response Status C				on accompanying the presentation t at 4.4 dB for both SR and VR I		_092321.pdf,
C/ 167 SC 167.7.2	P 52	L <b>29</b>	# 64	C/ 167 SC 167.7	.2 P52	L 51	# 67
licholl, Gary	Cisco			Palkert, Tom	Macom		
Comment Type E Extra space before th	Comment Status A ne period.		Bucket	Comment Type TR If TDECQ for VR is	Comment Status <b>R</b> changed to 4.0. SECQ needs	to match.	
SuggestedRemedy				SuggestedRemedy			
Remove the extra spa	ace.			Change SECQfrom	n 4.4 to 4.0		
Response	Response Status C			Response	Response Status C		
	clause 167.8 was missing. The	e sentence will re	ead	REJECT.			
" per the definitions	s in 167.8."				on accompanying the presentation dB for both SR and VR links.	on ghiasi_3db_01	_092321.pdf,
C/ 167 SC 167.7.2	P 52	L <b>49</b>	# 65				
licholl, Gary	Cisco						
Comment Type ER	Comment Status A		Bucket				
(max)" and "Receiver	f the rows "Stressed receiver s r sensitivity (OMAouter), each l efinitions in section 167.8 and v	ane (max)" be	reversed, to be				
SuggestedRemedy							
Reverse the order of	the rows mentioned in the com	nment.					
Response	Response Status C						
AOOFDT							

ACCEPT.

C/ 167	SC	\$ 167.7.1	P 51	L 15	# 68	C/ 167	SC	167.7.1	P 51	L16	# 69		
Swansor	anson, Steven Corning Incorporated				Swanson,	Swanson, Steven Corning Incorporated							
Commer	nt Type	TR	Comment Status R			Comment	Туре	TR	Comment Status R				
incre curre suita not v	ease ma ently sup able for t warrant t	rket potent oplying 3D he IEEE 80 the inclusio	tributions that prove that th ial and leverage the high vo sensing applications. The V 02.3db application and the a n of another wavelength.	olume manufacturi CSELs used for 3	ng infrastructure D sensing are not	sourc In add suppo	e. This i dition, in ort the s	is offset b the CFI f hift from 1	ification, the only difference y a more complex receiver. for this project, we identified FoR to MoR/EoR architectu nother support 100G/optica	two distinct marl es,requiring long	ket needs, one to er, low cost server-		
	edReme	-			-	SerDe					0.0		
	U	center wav	elength specification from 8	342-948 to 844-86	3.	1000		CD1 2000	BASE-SR2 and 400GBAS	E SB4 voriente e	aam ta addraaa tha		
Respons REJ	se ECT.		Response Status C			secor	nd requi	rement bu	it is not clear that the 100 ess the first.				
		e accompa b_01_0909	nying presentation, 921.pdf.						P112 connections to for ne option at 50% of DR.	xt-generation ser	vers, costs at 50% of		
deci		er weighing	(range) was discussed in the pros and cons, was to						ce that VR will support any o	of these use case	95.		
_						Suggeste		•					
	ed on a : - 948 nn		decision is to leave the cen	ter wavelength ran	ige for VR links as	types	with litt	le differen	ne VR variants completely; t ice in the cost or power mal or server-attachment links.				
						Response	<b>;</b>		Response Status C				
						REJE	CT.						
								e accompa p_01_090	anying presentation, 921.pdf.				
						The V	/R link (	50m OM4	reach) was voted in motion	ns #3 and #4 in Ja	an 2020.		
									by an expert associated with 0.pdf, during the discussion		00m OM4 reach).		

Swarson, Steven       Corning Incorporated         Comment Type       TR       Comment Status R         The requirement on the receiver to support a center wavelength range of 842-948 complicates the receiver design and adds cost. It will require an AR coating, and while       In Table 167-16, the chromatic dispersion specifications are specified differently for         SuggestedRemedy       Change the center wavelength specification from 842-948 to 844-863.       In Table 167-16, the chromatic dispersion added cost. It will require an AR coating, and while         Swarson, 3db, 01_000921 pdf, was reviewed.       Response       Response framework         The center wavelength (range) was discussed in the comment resolution against D1.1.       After weighing the pross and cos including the requirement of a wide band AR coating on the photodiode, the decision was to set the center wavelength range to 842 - 948 nm for VR.       For OMS and OM4, eplace 1295 <= lambda naught <= 1310 and 0.000375 1 (1590 0 lamb         Response       Response Status C       Comment Type       R       Response Status C         ACCEPT IN PRINCIPLE.       Use the center wavelength range to 842 - 948 nm for VR.       For OMS and OM4, eplace 1205 <= lambda naught <= 1310 and 0.000375 1 (1590 0 lamb         Response Status C       AccEPT IN PRINCIPLE.       Use the same values for OM3 and OM4 that are used for OM5.         Add a footnote to both theses rows like: "Amendment 1 to IEC 60733-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 boud have the same specintation to supp	C/ 167	SC	167.7.2	P 52	L <b>40</b>	# 70	C/ 167	SC ·	167.10.2.1	1	P 63	L <b>24</b>	# 71	
The center wavelength (range) was discussed in the comment resolution against D1.1. After weighing the prosend construction, was to set the center wavelength range to 842 - 948 nm for vR.	Swanson,	, Stever	า	Corning Incorp	oorated		Swanson,	Steven			Corning Inco	rporated		
complicates the receiver design and adds cost. It will require an AR coating, and while some claim twill not add cost, it is not thivial.       SuggestedRemedy         Change the center wavelength specification from 842-948 to 844-863.       Response Status C         Response Response Status C       C         RELECT.       The accompanying presentation, swanson_3db_01_0990321.pdf, was reviewed.       A contribution has been submitted to correct this inconsistency in IEC and will be c long before this standard is published.         SuggestedRemedy       For OM3 and OM4, eplace 1295        I ambda naught        = 1340 with 1297        = Iambda (1,1990)         After weighing the presant cos including the requirement of a wide band AR coating on the photodiode, the decision was to set the center wavelength range to 842 - 948 nm for VR.       For OM3 and OM4, eplace 1295        = Iambda naught        = 1340 with 1297        = Iambda (1,1990)         VR.       VR.       For Nd3 and OM4, eplace 1295        = Iambda naught        = 1340 with 1297        = Iambda (1,1990)       I ambda (1,1990)       I ambda naught        >= 1340 with 1297        = Iambda (1,1990)       I ambda (1,1990)	Comment	t Type	TR	Comment Status R			Comment	Туре	TR	Comment S	Status A			
Change the center wavelength specification from 842-948 to 844-863. <i>Response Response Status C</i> REJET. The accompanying presentation, swanson, 3db, 01_090921, pdf, was reviewed. The center wavelength (range) was discussed in the comment resolution against D1.1. After weighing the pros and cons including the requirement of a wide band AR coating on the photoidode, the decision was to set the center wavelength range to 842 - 948 nm for VR. <i>Accept in PRINCIPLE</i> Use the same values for OM3 and OM4 theta are used for OM5. Add a footnote to both theses rows like: 'Amendment 1 to IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM3 and OM4 fibers orolliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM5 and OM4 fibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM5 and OM4 fibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM5 and OM4 fibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM5 and OM4 fibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM5 and OM4 fibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM5 and OM4 fibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM5 and OM4 fibers compliant to previous versions of IEC 60793-2- suitable for these applications at the maximum length specified.* Add editors' note lik	comp some	olicates e claim i	the receive t will not a	er design and adds cost. It wil			OM3/0 fact th	OM4 and e study	d OM5. Th that led to	here is NO diff the specifica	erence in the tion of OM5 u	chromatic dispe	rsion of these fibers. In	
Response       Response Status C         REJECT.       The accompanying presentation, swanson, 340,01,099021,04f, ware reviewed.       Suggested Remedy         The center wavelength (range) was discussed in the comment resolution against D1.1. After weighing the pros and cons including the requirement of a wide band AR coating on the photodiode, the decision was to set the center wavelength range to 842 - 948 nm for VR.       Response Status C         Response Status C       Response Status C       Response Status C         ACCEPT IN PRINCIPLE.       Use the same values of OM3 and OM4 that are used for OM5.         Add a controct to both theses rows like: "Amendment 1 to IEC 60793-2-10 reflects.       The the same values of OM3 and OM4 that are used for OM5.         Add a controct to both theses rows like: "Amendment 1 to IEC 60793-2-10 reflects.       The suggestion to support two options. Options of IEC 60793-2-10 reflects.         C1 167       SC 167.10.3.3       P65       L4       # [72]         Swanson, Steven       Corming Incorporated         Corming Incorporated       Corming Incorporated         SuggestedRemedy       Fick one, either angled or non-angled but not both.         Response       Response Status C         ACCEPT IN PRINCIPLE.       Scanse Status C         Corming Incorporated       Scanse Status C         Current Type       TR       Corming Incorporated         Current Type       Resp	00		•	elength specification from 84	2-948 to 844-863	3.	A cont	tribution	has been	submitted to	correct this in	consistency in IF	=C and will be complete	
REJECT.         The accompanying presentation, swanson_3db_01_0000521, pdf, was reviewed.         The center wavelength (range) was discussed in the comment resolution against D1.1. After weighing the pros and cons including the requirement of a wide band AR coating on the photodiode, the decision was to set the center wavelength range to 842 - 948 nm for VR.         Replace 0.105 for 1295        = lambda naught        = 1320       aught 1/2= 1340 with 1297        = lambda naught          After weighing the pros and cons including the requirement of a wide band AR coating on the photodiode, the decision was to set the center wavelength range to 842 - 948 nm for VR.       Replace 0.105 for 1295        = lambda naught        = 13120 and 0.000375 [ (1590 û lamb naught) for 1310          Kesponse       Response Status       C       ACCEPT IN PRINCIPLE.       Use the same values for OM3 and OM4 that are used for OM5.         Add a dotorio to both theses rows like: "Amendment 1 to IEC 60793-2:10 reflects that the chromatic dispersion values of OM3. OM4 and OM5 should have the same specification. OM3 and OM4 fibers compliant to previous versions of IEC 60793-2: suitable for these applications at the maximum length specified."         Add editors incle like: "Amendment 1 is expected to be published before 802.3db."       Cl 167 SC 167.10.3.3 P65 L4 # 172         Swanson, Steven       Corning Incorporated       Corning Incorporated         Comment Type TR       Contract fiber interface for the MDI requirement for 200 VR2.400GBASE-SR4 and 200GBASE-SR4 as a bad idea and will problems in the market.         <	Response	e		Response Status C										
The accompanying presentation, swanson_3db_01_090921, pdf, was reviewed. The center wavelength (range) was discussed in the comment resolution against D1.1. After weighing the pros and cons including the requirement of a wide band AR coating on the photodiode, the decision was to set the center wavelength range to 842 - 948 nm for VR. A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Replace 0.105 for 1295 = Iambda naught </= 1340 wth û 412/(840(1 û (lambda naught)/br<br A = 1328 Response Tamber and OM3 fold and MM3 fibers compliant to IEC 60793-2-10 reflects A = 1328 Replace 0.105 for 1295 $A = 100000000000000000000000000000000000$	,						Suggested	dRemed	ly					
The center wavelength (range) was discussed in the comment resolution against D1.1. After weighing the pros and cons including the requirement of a wide band AR coating on the photodiode, the decision was to set the center wavelength range to 842 - 948 nm for VR. AccePT IN PRINCIPLE. Use the same values for OM3 and OM4 that are used for OM5. Add a footnote to both theses rows like: "Amendment 1 to IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM3 and OM4 fibers compliant to previous versions of IEC 60793-2- suitable for these applications at the maximum length specified." Add editors' note like: "Amendment 1 is expected to be published before 802.3db." Cl 167 SC 167.10.3.3 Pe5 L4 # [72] Swanson, Steven Corning Incorporated Comment Type TR Comment Status A The suggestion to support two options. Option A for angled physical contact fiber infrace for the MDI requirement for 200 VR2.400GBASE-VR4, 200GBASE-SR2 and 200GBASE-SR4 is a bad idea and will problems in the market. SuggestedRemedy Pick one, either angled or non-angled but not both. Response Response Status C ACCEPT IN PRINCIPLE.							= 13</td <td>328</td> <td><i>*</i> <b> </b></td> <td></td> <td>5</td> <td></td> <td></td>	328	<i>*</i> <b> </b>		5			
After weighing the pros and cons including the requirement of a wide band AR coating on the photodiode, the decision was to set the center wavelength range to 842 - 948 nm for VR.       Response Status C         ACCEPT IN PRINCIPLE.       Use the same values for OM3 and OM4 that are used for OM5.         Add a footnote to both theses rows like: "Amendment 1 to IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM3 and OM4 tibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3. OM4 and OM5 should have the same specification. OM3 and OM4 tibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3. OM4 and OM5 should have the same specification. OM3 and OM4 tibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3. OM4 and OM5 should have the same specification. OM3 and OM4 tibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3. OM4 and OM5 should have the same specification. OM3 and OM4 tibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion values of OM3. OM4 and OM5 should have the same specification. OM3 and OM4 tibers compliant to previous versions of IEC 60793-2-10 reflects that the chromatic dispersion volues of OM3.         Cl 167       SC 167.10.3.3       P65       L4       # T2	The c	center w	vavelength	(range) was discussed in the	comment resolu	ution against D1.1.								
VR.       ACCEPT IN PRINCIPLE. Use the same values for OM3 and OM4 that are used for OM5.         Add a footnote to both theses rows like: "Amendment 1 to IEC 60793-2-10 reflects that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM3 and OM4 fibers compliant to previous versions of IEC 60793-2-suitable for these applications at the maximum length specified."         Add editors' note like: "Amendment 1 is expected to be published before 802.3db." <i>Cl</i> 167       SC 167.10.3.3       P65       L4       # [72]         Swanson, Steven       Corning Incorporated <i>Comment Type</i> TR       Comment Status       A         The suggestion to support two options, Option A for angled physical contact fiber interface for the MDI requirement for 200       VR2,400GBASE-VR2, 200GBASE-SR2 and 200GBASE-SR4 is a bad idea and will problems in the market.         SuggestedRemedy       Pick one, either angled or non-angled but not both.       Response       Response Status       C         ACCEPT IN PRINCIPLE.       ACCEPT IN PRINCIPLE.       COCEPT IN PRINCIPLE.       C							•			•			0 , ,,	
that the chromatic dispersion values of OM3, OM4 and OM5 should have the same specification. OM3 and OM4 fibers compliant to previous versions of IEC 60793-2- suitable for these applications at the maximum length specified." Add editors' note like: "Amendment 1 is expected to be published before 802.3db." Cl 167 SC 167.10.3.3 P65 L4 # T2 Swanson, Steven Corning Incorporated Comment Type TR Comment Status A The suggestion to support two options, Option A for angled physical contact fiber in and Option B for flat physical contact for the MDI requirement for 200 VR2,400GBASE-VR4, 200GBASE-SR2 and 200GBASE-SR4 is a bad idea and will problems in the market. SuggestedRemedy Pick one, either angled or non-angled but not both. Response Response Status C ACCEPT IN PRINCIPLE.		notodiod	ue, ine dei		avelengti range	10 642 - 946 1111 101			-		VI4 that are us	ed for OM5.		
Cl 167       SC 167.10.3.3       P 65       L4       # [72]         Swanson, Steven       Corning Incorporated         Comment Type       TR       Comment Status A         The suggestion to support two options, Option A for angled physical contact fiber in and Option B for flat physical contact fiber interface for the MDI requirement for 200         VR2,400GBASE-VR4, 200GBASE-SR2 and 200GBASE-SR4 is a bad idea and will problems in the market.         SuggestedRemedy         Pick one, either angled or non-angled but not both.         Response       Response Status C         ACCEPT IN PRINCIPLE.							that th specifi	e chrom	natic dispe OM3 and	ersion values o OM4 fibers co	of OM3, OM4 ompliant to pre	and OM5 should evious versions o	have the same	
Swanson, Steven       Corning Incorporated         Comment Type       TR       Comment Status       A         The suggestion to support two options, Option A for angled physical contact fiber in and Option B for flat physical contact fiber interface for the MDI requirement for 200 VR2,400GBASE-VR4, 200GBASE-SR2 and 200GBASE-SR4 is a bad idea and will problems in the market.         SuggestedRemedy       Pick one, either angled or non-angled but not both.         Response       Response Status       C         ACCEPT IN PRINCIPLE.       C							Add e	ditors' n	ote like: "A	Amendment 1	is expected to	o be published b	efore 802.3db."	
Comment Type       TR       Comment Status       A         The suggestion to support two options, Option A for angled physical contact fiber in and Option B for flat physical contact fiber interface for the MDI requirement for 200       VR2,400GBASE-VR4, 200GBASE-SR2 and 200GBASE-SR4 is a bad idea and will problems in the market.         SuggestedRemedy       Pick one, either angled or non-angled but not both.         Response       Response Status       C         ACCEPT IN PRINCIPLE.       A       C							C/ 167	SC ·	167.10.3.3	3	P <b>65</b>	L <b>4</b>	# 72	
The suggestion to support two options, Option A for angled physical contact fiber in and Option B for flat physical contact fiber interface for the MDI requirement for 200 VR2,400GBASE-VR4, 200GBASE-SR2 and 200GBASE-SR4 is a bad idea and will problems in the market. SuggestedRemedy Pick one, either angled or non-angled but not both. Response Response Status C ACCEPT IN PRINCIPLE.							Swanson,	Steven			Corning Inco	rporated		
and Option B for flat physical contact fiber interface for the MDI requirement for 200 VR2,400GBASE-VR4, 200GBASE-SR2 and 200GBASE-SR4 is a bad idea and will problems in the market. SuggestedRemedy Pick one, either angled or non-angled but not both. Response Response Status C ACCEPT IN PRINCIPLE.							Comment	Туре	TR	Comment	Status A			
Pick one, either angled or non-angled but not both.         Response       Response Status         ACCEPT IN PRINCIPLE.							and O VR2,4	ption B 00GBA	for flat phy SE-VR4, 2	ysical contact 200GBASE-S	fiber interface	for the MDI req	uirement for 200GBASE	
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Only include Option A (APC) in 167.10.3.3.							Only ir	nclude (	Dotion A (A	APC) in 167 1	033			

Remove all references to Option B, the idea of including two options for MDI, and Figure 167-11. Update the PICs and the rest of the document as needed.

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