C/ 167 SC Table 167-7	7 P51	L <b>27</b>	# 1	C/ 167.1	SC T	able 167-15		P <b>62</b>	L <b>44</b>	# 4
Swanson, Steven	Corning Inco	rporated		Swanson,	Steven		Co	orning Inco	rporated	
Comment Type E	Comment Status X			Comment	Туре	ER (	Comment Sta	tus <b>D</b>		
The TDECQ is the same	for both variants.						3-2-10 will be	published	before 802.3db.	Therefore, there is no
SuggestedRemedy				need fo	or footno	ote "f."				
Merge cells.				Suggested						
Proposed Response	Response Status W									the specification to reflect e OM3, OM4 and OM5
DISCUSS				fibers -	- the spe	cified values	for zero disp	ersion wav	elength and the	chromatic dispersion slop
TDECQ (max) is shown ir different filters.	n separate cells for VR and	d SR links becau	ise it is measured with	previou	us versio					fibers compliant to ed specification and there
C/ 167 SC Table 167-7	7 P51	L <b>29</b>	# 2	Proposed I	Respons	se R	esponse Stat	us <b>W</b>		
			# Z			CCEPT IN P	RINCIPLE.			
Swanson, Steven Comment Type E	Corning Inco Comment Status X	porated		Revise	footnot	e f.				
Comment Type <b>E</b> The TECQ is the same fo				See al	so respo	onse to comm	nents #132 ar	nd 197		
				C/ 167	SC 4	67.10.2.2.2		P <b>63</b>	L <b>6</b>	# 5
SuggestedRemedy						67.10.2.2.2			-	# 5
Merge cells.	<b>D</b>			Swanson,		(		orning Inco	rporated	
Proposed Response	Response Status W			Comment			Comment Sta		for DC connecto	vra: wa naad ta inaluda a
DISCUSS along with resp	bonse to comment #1.					or APC conne		y specilieu		ors; we need to include a
C/ 167 SC Table 167-7	7 P <b>51</b>	L <b>43</b>	# 3	Suggested	Remedy	/				
Swanson, Steven	Corning Inco	rporated		Replac						
Comment Type ER	Comment Status D			"The m	naximum	n discrete refle	ectance shall	be less the	an –20 dB."	
Encircled flux is a require	ment for the transmitter.			with:						
SuggestedRemedy				"The m			ectance shall	be less the	an –20 dB for P0	C connectors and –35 TBC
Replace:						nnectors				
"If measured into type A1 61280-1-4."	a.2 or type A1a.3, or A1a.	4, 50 µm fiber, ir	accordance with IEC		OSED A	se R CCEPT IN P ask Force	esponse Stat RINCIPLE.	us <b>W</b>		
with: "When measured into typ IEC 61280-1-4."	e A1a.2 or type A1a.3, or a	A1a.4, 50 μm fib	er, in accordance with	2,3003						
Proposed Response	Response Status W									
PROPOSED ACCEPT IN	•									

C/ FM	SC FM	P1	L <b>27</b>	# 6	C/FM SC FM	P <b>10</b>	L <b>36</b>	# 9
Parsons,	Earl	CommScope			Parsons, Earl	CommScope		
Commen 802.3	51	Comment Status <b>D</b> have been added to D2.1 of 802	2.3dc	Bucket	<i>Comment Type</i> <b>E</b> Changes were made	Comment Status D in D2.1 of 802.3dc		Bucket
Suggeste	edRemedy				SuggestedRemedy			
Inclue	de 802.3ct-2021 a	and 802.3cp in this list			Update this paragrap	h to match latest draft of 802.3dc	;	
PRO	<i>l Response</i> POSED ACCEPT e this change	Response Status W			Proposed Response PROPOSED ACCEP			
C/ FM	SC FM	P <b>1</b>	L37	# 7	C/FM SC FM	P <b>12</b>	L <b>1</b>	# 10
Parsons,	Farl	CommScope			Parsons, Earl	CommScope		
Commen		Comment Status D		Bucket	Comment Type E	Comment Status D		Bucket
Shou	lld say Working G	Froup instead of Task Force. Do	o we need to sa	y ballot instead of review	Extra blank page			
Suggeste	dRemedy				SuggestedRemedy			
Corre					remove			
Proposed	l Response	Response Status W			Proposed Response	Response Status W		
	POSED ACCEPT ect front matter in	IN PRINCIPLE. future drafts for Working Grou	p Review		PROPOSED ACCEP Remove extra page	T IN PRINCIPLE.		
See	also comment #74	Λ			C/ 1 SC 1.4.136	a P19	L1	# 11
000 0		7			Parsons, Earl	CommScope		
C/ FM	SC FM	P <b>9</b>	L17	# 8	Comment Type E	Comment Status D		Bucket
Parsons,	Earl	CommScope			Extra blank page			
Commen	51	Comment Status D		Bucket	SuggestedRemedy			
		d sentence starting with "The t "and the ability to use	itle was change	d…" to the end of	remove			
		y the MAC client protocol were	"		Proposed Response	Response Status W		
Suggeste	dRemedy	-			PROPOSED ACCEP	T IN PRINCIPLE.		
Upda	ite this paragraph	to match latest draft of 802.3d	lc		Remove extra page			
Proposed	l Response	Response Status W						
PRO	POSED ACCEPT	г.						

-							
CI 78	SC 78.1.4	P <b>25</b>	L <b>51</b>	# 12	C/ 91 SC 91.7.3 P32	L <b>27</b>	# 15
Parsons, Ea	rl	CommScope			Parsons, Earl CommScope		
Comment Ty	/pe E	Comment Status D		Bucket	Comment Type E Comment Status D		Bucket
Footnote	e shouldn't be ι	underlined			Change cross reference		
SuggestedR	emedy				SuggestedRemedy		
remove	underline				Switch to external cross reference to Clause 91.5.3	.3.1	
	,	Response Status W IN PRINCIPLE. ote			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Fix this		
CI 78	SC 78.1.4	P <b>26</b>	L1	# 13	C/ 91 SC 91.7.4.1 P33	L12	# 16
Parsons, Ea	rl	CommScope			Parsons, Earl CommScope		
Comment Ty Extra bla	/pe <b>E</b> ank page	Comment Status D		Bucket	Comment Type E Comment Status D Change cross reference		Bucket
SuggestedR	emedy				SuggestedRemedy		
remove					Switch to external cross reference to Clause 91.5.2	.7	
		Response Status W IN PRINCIPLE. e			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Fix this		
C/ 80	SC 80.1.1	P28	L10	# 14	C/ 91 SC 91.7.4.2 P33	L <b>32</b>	# 17
Parsons, Ea	rl	CommScope			Parsons, Earl CommScope		
Comment Ty Fix cross	/pe <b>E</b> s reference	Comment Status D		Bucket	Comment Type E Comment Status D Change cross reference		Bucket
SuggestedR	emedy				SuggestedRemedy		
change '	"Clause 167" to	o "167"			Switch to external cross reference to Clause 91.5.3	.3	
Proposed Re	esponse	Response Status W			Proposed Response Response Status W		
		IN PRINCIPLE. her cross references			PROPOSED ACCEPT IN PRINCIPLE. Fix this		

C/ 91 SC 91.7.4	4.2 P33	L <b>43</b>	# 18	C/ 116 SC 116.1.4 P37 L18	# 21
Parsons, Earl	CommScope			Parsons, Earl CommScope	
Comment Type E Change cross refer	Comment Status D		Bucket	Comment Type E Comment Status D Fix cross reference	Bucket
SuggestedRemedy Switch to external c	cross reference to Clause 91.5.3.3			SuggestedRemedy change "Clause 167" to "167"	
Proposed Response PROPOSED ACCE Fix this	Response Status W EPT IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Fix this without breaking other cross references	
C/ 91 SC 91.7.4	4.2 P34	L <b>5</b>	# 19	C/ 116 SC 116.1.4 P37 L23	# 22
Parsons, Earl	CommScope			Parsons, Earl CommScope	
Comment Type E Change cross refere	Comment Status D		Bucket	Comment Type E Comment Status D SR4.2 shouldn't be underlined	Bucket
SuggestedRemedy Switch to external c	cross reference to Clause 91.5.3.3			SuggestedRemedy remove underline from 400GBASE-SR4.2	
Proposed Response PROPOSED ACCE Fix this	Response Status W EPT IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Remove this underline	
C/ 116 SC 116	P <b>36</b>	L <b>32</b>	# 20	Cl 167 SC 167.1 P41 L16	# 23
Parsons, Earl	CommScope			Parsons, Earl CommScope	
Comment Type E Fix cross reference	Comment Status D		Bucket	Comment Type E Comment Status D Change cross reference	Bucket
SuggestedRemedy change "Clause 16	7" to "167"			SuggestedRemedy Switch to internal cross reference to Clause 45	
Proposed Response PROPOSED ACCE Fix this	Response Status W EPT IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Fix this	

C/ 167 SC 167.1	P <b>42</b>	L <b>37</b>	# 24	C/ 167 SC 167.1 P42	L <b>39</b>	# 27
Parsons, Earl	CommScope			Parsons, Earl CommScop	e	
Comment Type E Change cross reference	Comment Status D		Bucket	Comment Type E Comment Status D Change cross reference		Bucket
SuggestedRemedy Switch to internal cross	s reference to Clause 81			SuggestedRemedy Switch to internal cross reference to 116.2		
Proposed Response PROPOSED ACCEPT Fix this	Response Status W IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Fix this		
C/ 167 SC 167.1	P <b>42</b>	L <b>38</b>	# 25	C/ 167 SC 167.1 P42	L <b>43</b>	# 28
Parsons, Earl	CommScope			Parsons, Earl CommScop	e	
Comment Type E Change cross reference	Comment Status <b>D</b>		Bucket	Comment Type E Comment Status D Change cross reference		Bucket
SuggestedRemedy Switch to internal cross	s reference to 80.2			SuggestedRemedy Switch to internal cross reference to Clause 78		
Proposed Response PROPOSED ACCEPT Fix this	Response Status W IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Fix this		
C/ 167 SC 167.1	P <b>42</b>	L <b>39</b>	# 26	C/ 167 SC 167.1 P42	L <b>46</b>	# 29
Parsons, Earl	CommScope			Parsons, Earl CommScop	e	
Comment Type E Change cross reference	Comment Status <b>D</b>		Bucket	Comment Type E Comment Status D Change cross reference		Bucket
SuggestedRemedy				SuggestedRemedy		
Switch to internal cross	s reference to Clause 116			Switch to internal cross reference to Clause 1		
Proposed Response PROPOSED ACCEPT Fix this	Response Status W IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Fix this		

C/ 167 SC 167.1	P <b>43</b>	L <b>13</b>	# 30	C/ 167 SC 167.10.2.2 P62 L40 # 33
Parsons, Earl	CommScope			Parsons, Earl CommScope
Comment Type E Diagram has some issu	Comment Status D		Bucket	Comment Type T Comment Status D Footnote e is too long
SuggestedRemedy Fix box alignment betw	een GMII and PCS boxes			SuggestedRemedy streamline the EMB information in this table and footnote
Proposed Response PROPOSED ACCEPT Clean up these boxes	Response Status W IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Discuss
C/ 167 SC 167.3.2.1	P <b>45</b>	L <b>33</b>	# 31	Discuss
Parsons, Earl	CommScope			See also response to comments #43 and 131
Comment Type E	Comment Status D		Bucket	C/ 00 SC 0 P13 L2 # 34
Change cross referenc	e			Ghiasi, Ali Ghiasi Quantum/Marvell
SuggestedRemedy Switch to internal cross	s reference to Clause 116.5			Comment Type ER Comment Status D Buc Page hyperlink is not working
Proposed Response PROPOSED ACCEPT Fix this	Response Status W IN PRINCIPLE.			SuggestedRemedy Please fix the hyperlink to page#
		1 50	# 00	Proposed Response Response Status W
C/ 167 SC 167.3.2.1		L <b>52</b>	# 32	PROPOSED ACCEPT IN PRINCIPLE.
Parsons, Earl	CommScope		<b>5</b> ( )	C/00 SC 0 P0 L2 # 35
Comment Type E Change cross referenc	Comment Status D		Bucket	Ghiasi, Ali Ghiasi Quantum/Marvell
0				Comment Type ER Comment Status D Buc
SuggestedRemedy	s reference to Clause 45			Hyperlink to from sidebar table of content not working
				SuggestedRemedy
Proposed Response	Response Status W			Please sidebar hyperlink
PROPOSED ACCEPT Fix this	IN PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Hyperlinks do appear to work in D2.0.

	SC 167.7.1	P <b>52</b>	L <b>23</b>	# 36	C/ 16	SC 16.7.1	P <b>51</b>	L <b>24</b>	# 39	
Ghiasi, Ali		Ghiasi Quantu	m/Marvell		Ghiasi, Ali		Ghiasi Qu	antum/Marvell		
Comment T	ype TR	Comment Status D			Comment	Type TR	Comment Status D		B	Bucket
		-12 combined with -20 dB res			Still ha	aving problem to	o display symbols using Ap	ple Preview		
	tter may tolerate	e, 2 connectors at 20 dB resul 8.4 dB.	t in 14 dB RL, 3	connectors result in 10.7	Suggested	dRemedy				
Suggested	Remedv				Please	e correct when t	there is a fix from Adobe			
One op plant, s	tion is to increas	e cable plant RL to 26 dB bu to require 20 dB RL for the re hitter.				Response POSED ACCEP	Response Status W T IN PRINCIPLE.			
Proposed F	Response	Response Status W			C/ 167	SC 167.7.2	P53	L <b>44</b>	# 40	
PROPC	SED ACCEPT I	IN PRINCIPLE.			Ghiasi, Ali		Ghiasi Qu	antum/Marvell		
	00.0	D.( /		// [0=	Comment	Type TR	Comment Status X			
C/ 00	SC O	P14	L14	# 37		shown that TDI	ECQ with MMSE is accurat	e and reduce test ti	me and associated to	test
Ghiasi, Ali		Ghiasi Quantu	m/Marvell		cost. https:/	//www.ieee802.o	org/3/db/public/September-	09-September-29-		
Comment T		Comment Status D		Bucket			_01_092321.pdf			
100GB	ASE-VR1 200G	hysical Medium Dependent (I BASE-VR2, 23 400GBASE-V	/R4_100GBASE	and medium, type	Suggested	dRemedy				
	nd 400GBASE-S			,			ve of real receiver and a fu			у
SR2, ar	nd 400GBASE-S			·	better	, as shown by ir	Ghiasi contribution there i	s excellent correlati	on for scope	
SR2, ar SuggestedF	nd 400GBASE-S	R441			better measu	, as shown by ir urements. MMS		s excellent correlati cillay given 802.3dl	on for scope	,
SR2, ar S <i>uggestedF</i> Please	nd 400GBASE-S Remedy repalce 441 with	R441			better measu taps w	, as shown by ir urements. MMS	n Ghiasi contribution there i SE will reduce test time spe full grid search and will incr	s excellent correlati cillay given 802.3dl	on for scope	
SR2, ar Suggestedf Please Proposed R PROPC	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT.	sR441			better measu taps w	, as shown by ir urements. MMS vill longer to do t <i>Response</i>	n Ghiasi contribution there i SE will reduce test time spe	s excellent correlati cillay given 802.3dl	on for scope	,
SR2, ar Suggestedf Please Proposed F PROPC Framer	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue.	R441 A Response Status W	hor Will ho fiyad		better measu taps w <i>Proposed</i> DISCU	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS	n Ghiasi contribution there i SE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b>	s excellent correlati cillay given 802.3dł rease test cost.	on for scope	,
SR2, ar Suggestedf Please Proposed R PROPC Framer	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue.	sR441	ber. Will be fixed		better measu taps w Proposed DISCU	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS SC <b>16.7.2</b>	n Ghiasi contribution there i SE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <i>P</i> <b>52</b>	s excellent correlati cillay given 802.3df ease test cost. <i>L</i> <b>25</b>	on for scope	
SR2, ar Suggestedf Please Proposed R PROPO Framer SR441	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue.	R441 A Response Status W	ber. Will be fixed		better measu taps w Proposed DISCU C/ 16 Ghiasi, Ali	, as shown by ir urements. MMS vill longer to do f <i>Response</i> USS SC <b>16.7.2</b>	n Ghiasi contribution there i BE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <i>P</i> <b>52</b> Ghiasi Qu	s excellent correlati cillay given 802.3df rease test cost.	on for scope o reference receiver i # 4 <u>1</u>	is 9
SR2, ar Suggestedf Please Proposed R PROPO Framer SR441 Cl <b>167</b>	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue. is actually SR4	R441 <i>Response Status</i> <b>W</b> 41 where 41 is page num	L <b>2</b>	d in the next draft.	better measu taps w Proposed DISCU C/ 16 Ghiasi, Ali Comment	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS SC <b>16.7.2</b> <i>Type</i> <b>TR</b>	n Ghiasi contribution there i BE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <i>P</i> <b>52</b> Ghiasi Qu <i>Comment Status</i> <b>D</b>	s excellent correlati cillay given 802.3df rease test cost. <i>L</i> <b>25</b> antum/Marvell	on for scope o reference receiver i # 4 <u>1</u>	
SR2, ai Suggestedf Please Proposed R PROPC Framer SR441 C/ 167 Ghiasi, Ali	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue. is actually SR4 SC <b>167</b>	R441 A <i>Response Status</i> <b>W</b> 41 where 41 is page num <i>P</i> <b>41</b>	L <b>2</b>	d in the next draft.	better measu taps w Proposed DISCU CI 16 Ghiasi, Ali Comment Still ha	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS SC <b>16.7.2</b> <i>Type</i> <b>TR</b> aving problem to	n Ghiasi contribution there i BE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <i>P</i> <b>52</b> Ghiasi Qu	s excellent correlati cillay given 802.3df rease test cost. <i>L</i> <b>25</b> antum/Marvell	on for scope o reference receiver i # 4 <u>1</u>	is 9
SR2, ai Suggestedf Please Proposed F PROPC Framer SR441 Cl <b>167</b> Ghiasi, Ali Comment T	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue. is actually SR4 SC <b>167</b>	R441 A Response Status W 41 where 41 is page num P41 Ghiasi Quantu Comment Status D	L <b>2</b>	d in the next draft. # 38	better measu taps w Proposed DISCU C/ 16 Ghiasi, Ali Comment Still ha Suggested	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS <i>SC</i> <b>16.7.2</b> <i>Type</i> <b>TR</b> aving problem to <i>dRemedy</i>	n Ghiasi contribution there i SE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <i>P</i> <b>52</b> Ghiasi Qu <i>Comment Status</i> <b>D</b> o display symbols using Ap	s excellent correlati cillay given 802.3df rease test cost. <i>L</i> <b>25</b> antum/Marvell	on for scope o reference receiver i # 4 <u>1</u>	is 9
SR2, ai SuggestedF Please Proposed R PROPO Framer SR441 Cl 167 Ghiasi, Ali Comment T The das	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue. is actually SR4 SC 167 Type ER sh between the F	R441 A Response Status W 41 where 41 is page num P41 Ghiasi Quantu Comment Status D	L <b>2</b>	d in the next draft. # 38	better measu taps w Proposed DISCU C/ 16 Ghiasi, Ali Comment Still ha Suggested	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS <i>SC</i> <b>16.7.2</b> <i>Type</i> <b>TR</b> aving problem to <i>dRemedy</i>	n Ghiasi contribution there i BE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <i>P</i> <b>52</b> Ghiasi Qu <i>Comment Status</i> <b>D</b>	s excellent correlati cillay given 802.3df rease test cost. <i>L</i> <b>25</b> antum/Marvell	on for scope o reference receiver i # 4 <u>1</u>	is 9
SR2, ai SuggestedF Please Proposed F PROPO Framer SR441 Cl <b>167</b> Ghiasi, Ali Comment T The das SuggestedF Please	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue. is actually SR4 SC 167 SC 167 Sype ER sh between the F Remedy	R441 A Response Status W 41 where 41 is page num P41 Ghiasi Quantu Comment Status D PMDs is missing ASE VR1 with 100GBASE-VF	L <b>2</b> m/Marvell	d in the next draft. # <u>38</u> Bucket	better measu taps w Proposed DISCU C/ 16 Ghiasi, Ali Comment Still ha Suggested Please Proposed	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS SC <b>16.7.2</b> <i>Type</i> <b>TR</b> aving problem to <i>dRemedy</i> e correct when t <i>Response</i>	n Ghiasi contribution there i SE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <i>P</i> <b>52</b> Ghiasi Qu <i>Comment Status</i> <b>D</b> o display symbols using Ap	s excellent correlati cillay given 802.3df rease test cost. <i>L</i> <b>25</b> antum/Marvell	on for scope o reference receiver i # 4 <u>1</u>	is 9
SR2, ai Suggestedf Please Proposed R PROPC Framer SR441 Cl 167 Ghiasi, Ali Comment T The das Suggestedf Please content	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue. is actually SR4 SC 167 SC 167 Sype ER sh between the F Remedy repalce 100GBA different that title	R441 A Response Status W 41 where 41 is page num P41 Ghiasi Quantu Comment Status D PMDs is missing ASE VR1 with 100GBASE-VF	L <b>2</b> m/Marvell	d in the next draft. # <u>38</u> Bucket	better measu taps w Proposed DISCU C/ 16 Ghiasi, Ali Comment Still ha Suggested Please Proposed	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS SC <b>16.7.2</b> <i>Type</i> <b>TR</b> aving problem to <i>dRemedy</i> e correct when t <i>Response</i>	n Ghiasi contribution there i SE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <b>P52</b> Ghiasi Qu <i>Comment Status</i> <b>D</b> o display symbols using Ap there is a fix from Adobe <i>Response Status</i> <b>W</b>	s excellent correlati cillay given 802.3df rease test cost. <i>L</i> <b>25</b> antum/Marvell	on for scope o reference receiver i # 4 <u>1</u>	is 9
SR2, ai Suggestedf Please Proposed R PROPO Framer SR441 	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue. is actually SR4 SC 167 SC 167 Sype ER sh between the F Remedy repalce 100GBA different that title Response DSED ACCEPT I	R441 <i>Response Status</i> <b>W</b> <i>4</i> 1 where 41 is page num <i>P</i> 41 Ghiasi Quantu <i>Comment Status</i> <b>D</b> PMDs is missing ASE VR1 with 100GBASE-VR e on this page? <i>Response Status</i> <b>W</b> IN PRINCIPLE.	L <b>2</b> m/Marvell	d in the next draft. # <u>38</u> Bucket	better measu taps w Proposed DISCU C/ 16 Ghiasi, Ali Comment Still ha Suggested Please Proposed	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS SC <b>16.7.2</b> <i>Type</i> <b>TR</b> aving problem to <i>dRemedy</i> e correct when t <i>Response</i>	n Ghiasi contribution there i SE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <b>P52</b> Ghiasi Qu <i>Comment Status</i> <b>D</b> o display symbols using Ap there is a fix from Adobe <i>Response Status</i> <b>W</b>	s excellent correlati cillay given 802.3df rease test cost. <i>L</i> <b>25</b> antum/Marvell	on for scope o reference receiver i # 4 <u>1</u>	is 9
SR2, ai Suggestedf Please Proposed R PROPC Framer SR441 Cl 167 Ghiasi, Ali Comment 7 The das Suggestedf Please content Proposed R PROPC The hyp	nd 400GBASE-S Remedy repalce 441 with Response DSED ACCEPT. naker issue. is actually SR4 SC 167 SC 167 Sype ER sh between the F Remedy repalce 100GBA different that title Response DSED ACCEPT I phens are preser	R441 <i>Response Status</i> <b>W</b> <i>41</i> where 41 is page num <i>P</i> 41 Ghiasi Quantu <i>Comment Status</i> <b>D</b> PMDs is missing ASE VR1 with 100GBASE-VR e on this page? <i>Response Status</i> <b>W</b>	L <b>2</b> m/Marvell R1, etc. Why is t	d in the next draft. # <u>38</u> <i>Bucket</i> the title in the table of	better measu taps w Proposed DISCU C/ 16 Ghiasi, Ali Comment Still ha Suggested Please Proposed	, as shown by ir urements. MMS vill longer to do t <i>Response</i> USS SC <b>16.7.2</b> <i>Type</i> <b>TR</b> aving problem to <i>dRemedy</i> e correct when t <i>Response</i>	n Ghiasi contribution there i SE will reduce test time spe full grid search and will incr <i>Response Status</i> <b>W</b> <b>P52</b> Ghiasi Qu <i>Comment Status</i> <b>D</b> o display symbols using Ap there is a fix from Adobe <i>Response Status</i> <b>W</b>	s excellent correlati cillay given 802.3df rease test cost. <i>L</i> <b>25</b> antum/Marvell	on for scope o reference receiver i # 4 <u>1</u>	is 9

C/ 167 SC 167.8.13.1 P59 L46	# 42	C/ 167 SC	C 167.8.5	P <b>57</b>	L <b>33</b>	# 44	
Maguire, Valerie The Siemon Company		Lingle, Robert		OFS			
Comment Type T Comment Status D	Bucket	Comment Type	Е	Comment Status D			
LB is identified as an upper frequency bound, but it's not clear SuggestedRemedy		optimizatior discussion i	of TDECC	se of minimum mean squared e has been proposed." This topic ffline. Whatever the TF decides	has had a p during comm	resentation in TF lent resolution on	D2.0, I
Replace, "LB = loop bandwidth; upper frequency bound" wit upper frequency bound"	n, "LB = loop bandwidth (MHz);	think the Ed removed at		has served its purpose (of stimu	lating consid	eration) and shou	lld be
Proposed Response Response Status W		SuggestedRem	edy				
PROPOSED ACCEPT IN PRINCIPLE.		Remove this	s editor's n	ote			
The upper freqeuncy bound is represented by the symbol LB	and units are not required.	Proposed Resp	onse	Response Status W			
C/ 167 SC 167.10.2.2 P62 L40 Lingle, Robert OFS	# 43	PROPOSEI See respon		IN PRINCIPLE. nent #40.			
Lingle, Robert OFS Comment Type T Comment Status D		C/ FM SC	C FM	P <b>12</b>	L1	# 45	
Footnote e of Table 167-15 contains excessively detailed info	mation about fiber bandwidths,	Wienckowski, N		General Motors		" 10	
well beyond what is necessary for the reader to understand th		Comment Type		Comment Status D			Bucket
This information in should be available in contributions presen development, and that should be sufficient for someone wishe		blank page	E				Ducker
the fiber emulation filter bandwidth values prescribed in Table			o du i				
SuggestedRemedy		SuggestedRem Remove the		0			
Replace footnote e of Table 167-15 with "Effective modal ban	lwidth guidance is provided at	Also remove					
all wavelengths in the 840 nm to 953 nm range in IEC		Proposed Resp	onse	Response Status W			
60793-2-10. OM5 multimode fiber has the same minimum bar specified to have improved minimum bandwidth for wavelengt		PROPOSEI		1			
Proposed Response Response Status W	0						
PROPOSED ACCEPT IN PRINCIPLE.			45.2.1.6	P <b>21</b>	L <b>27</b>	# 46	
Discuss as a Task Force		Wienckowski, N		General Motors			
See also comments #33 and 131		Comment Type		Comment Status D			Bucket
		an unchang	ed row is s	hown as new			
		SuggestedRem	•				
		Delete from	this draft	1 1 1 1 0 0 0 = 50GBASE-BR40	-U		
		Delete Itolii	the draft.				
		Proposed Resp		Response Status W			

Comment ID 46

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

C/ 167 SC 167.1	P <b>42</b>	L <b>38</b>	# 53	C/ 167 SC 167.1	P <b>42</b>	L <b>46</b>	# 56
Wienckowski, Natalie	General Moto	rs		Wienckowski, Natalie	General Moto	rs	
Comment Type E	Comment Status D		Bucket	Comment Type E Com	ment Status D		Bucket
Clause 80.2 is included in t	this draft			Clause 1 is included in this draft			
SuggestedRemedy				SuggestedRemedy			
Change 80.2 to "black".				Change Clause 1 to "black".			
Proposed Response F	Response Status W			Proposed Response Respo	onse Status W		
PROPOSED ACCEPT IN F Make this change	PRINCIPLE.			PROPOSED ACCEPT IN PRINC Change this cross reference	CIPLE.		
C/ 167 SC 167.1	P <b>42</b>	L <b>39</b>	# 54	C/ 167 SC 167.3.1	P <b>45</b>	L <b>21</b>	# 57
Wienckowski, Natalie	General Moto	rs		Wienckowski, Natalie	General Moto	rs	
Comment Type E	Comment Status D		Bucket	Comment Type E Com	ment Status D		Bucket
Clause 116 is included in the	his draft			Clause 80.4 is included in this d	raft		
SuggestedRemedy				SuggestedRemedy			
Change Clause 116 to "bla	ick" and make it a hyperlir	nk.		Change 80.4 to "black".			
Proposed Response F	Response Status W			Proposed Response Respo	onse Status W		
PROPOSED ACCEPT IN F Change this cross referenc				PROPOSED ACCEPT IN PRING Change this cross reference	CIPLE.		
C/ 167 SC 167.1	P <b>42</b>	L <b>43</b>	# 55	C/ 167 SC 167.3.1	P <b>45</b>	L <b>21</b>	# 58
Wienckowski, Natalie	General Moto	rs		Wienckowski, Natalie	General Moto	rs	
Comment Type E	Comment Status D		Bucket	Comment Type E Com	ment Status D		Bucket
Clause 78 is included in thi	is draft			Hyperlink missing.			
SuggestedRemedy				SuggestedRemedy			
Change Clause 78 to "blac	k".			Make 116.4 a hyperlink.			
Proposed Response F	Response Status W			Proposed Response Respo	onse Status W		
PROPOSED ACCEPT IN F				PROPOSED ACCEPT IN PRIN	CIPLE.		
Change this cross referenc	e			Make this a cross reference			

C/ 167 SC 167.3.2.1	P <b>45</b>	L <b>33</b>	# 59	C/ 167 SC 167.5.1 P46 L47 # 62
Vienckowski, Natalie	General Motors			Wienckowski, Natalie General Motors
Comment Type E Clause 116.5 is include	<i>Comment Status</i> <b>D</b> d in this draft		Bucket	Comment Type E Comment Status D Bucket Remove random word "in".
SuggestedRemedy Change 116.5 to "black" Proposed Response PROPOSED ACCEPT I Change this cross refere				SuggestedRemedy         Change: all transmitter measurements and tests defined in are made at TP2.         To: all transmitter measurements and tests defined are made at TP2.         Proposed Response       Response Status         W         PROPOSED ACCEPT IN PRINCIPLE.         A refence to 167.8 is missing which makes the sentence look incorrect. Insert the reference
C/ 167 SC 167.4	P <b>45</b>	L <b>48</b>	# 60	to 167.8 consistent with previous clauses.
Wienckowski, Natalie Comment Type E	General Motors Comment Status D		Bucket	C/         167         SC         167.5.1         P 47         L1         # 63           Wienckowski, Natalie         General Motors
Proposed Response	" and make it a hyperlink. <i>Response Status</i> <b>W</b>			Comment Type       E       Comment Status       D       Bucket         Remove random word "in".       SuggestedRemedy       Change: all receiver measurements and tests defined in are made at TP3.
PROPOSED ACCEPT I Change this cross refere				To: all receiver measurements and tests defined are made at TP3. <i>Proposed Response Response Status</i> W
C/ 167 SC 167.4 Wienckowski, Natalie	P <b>45</b> General Motors	L <b>53</b>	# 61	PROPOSED ACCEPT IN PRINCIPLE. A refence to 167.8 is missing which makes the sentence look incorrect. Insert the reference to 167.8 consistent with previous clauses.
Comment Type E	Comment Status D		Bucket	C/ 167 SC 167.5.10 P49 L38 # 64
Clause 45 is included in				Wienckowski, Natalie General Motors
SuggestedRemedy Change Clause 45 to "b	lack"			Comment Type E Comment Status D Bucket
Proposed Response	Response Status W			Clause 45.2.1.7.4 is included in this draft
PROPOSED ACCEPT I Change this cross refere	IN PRINCIPLE.			SuggestedRemedy Change 45.2.1.7.4 to "black" and make it a hyperlink.
-				Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Fix this cross reference

	1 P49	L <b>46</b>	# 65	C/ 167 S	SC 167.7.3	P53	L13	# 68
Wienckowski, Natalie	General Moto	rs		Wienckowski,	Natalie	General Moto	ors	
Comment Type E Clause 45.2.1.7.5 is i SuggestedRemedy Change 45.2.1.7.5 to	Comment Status <b>D</b> included in this draft o "black" and make it a hyperlink	۲.	Bucket	this draft.	no objective for no objective for	<i>Comment Status</i> <b>D</b> r a 30m link. The VR links a r a 60m link. The SR links a		
Proposed Response PROPOSED ACCEP Fix this cross referen				SuggestedRei Delete ON Proposed Res	/13 columns in	Table 167-9 Response Status W		
Cl 167 SC 167.7 Wienckowski, Natalie	P <b>50</b> General Moto	L <b>19</b> rs	# 66	PROPOSI	ED REJECT.			
Comment Type TR	Comment Status D			C/ 167 S	SC 167.9.1	P <b>59</b>	L <b>54</b>	# 69
	for a 30m link. The VR links a	re specified to be	e 50m everywhere else in	Wienckowski,	Natalie	General Moto	ors	
this draft.				Comment Typ	e TR	Comment Status D		Bucke
SuggestedRemedy				Should ref	fer to Annex J	. IEC 60950-1 is obsolete.		
Delete row: 0.5 m to	30 m for OM3			SuggestedRei	medy			
Proposed Response PROPOSED REJEC	Response Status W					subject to this clause shall ting this standard shall confo		
The objectives in 802	2.3db are written the same way			specified i		ing this standard shall control	Sim to the genera	al salety requirements as
The objectives in 802 802.3cm, 802.3cd an for broad market pote	2.3db are written the same way nd 802.3bm. All these projects h			specified i <i>Proposed Res</i> PROPOSI	in J.2. sponse ED ACCEPT	Response Status W IN PRINCIPLE. C 60950-1 to Annex J.	onn to the genera	ai salety requirements as
The objectives in 802 802.3cm, 802.3cd an for broad market pote The link length in the	2.3db are written the same way nd 802.3bm. All these projects h ential.			specified i Proposed Res PROPOSI Change re	in J.2. sponse ED ACCEPT	Response Status W IN PRINCIPLE. C 60950-1 to Annex J.		ai salety requirements as
The objectives in 802 802.3cm, 802.3cd an for broad market pote The link length in the C/ 167 SC 167.7	2.3db are written the same way ad 802.3bm. All these projects h ential. e objectives is for OM4 fiber.	have defined links	s for both OM3 and OM4	specified i Proposed Res PROPOSI Change re See also o	in J.2. sponse ED ACCEPT I eference to IE	Response Status W IN PRINCIPLE. C 60950-1 to Annex J.	L35	# 70
The objectives in 802 802.3cm, 802.3cd an for broad market pote The link length in the C/ 167 SC 167.7 Wienckowski, Natalie	2.3db are written the same way ad 802.3bm. All these projects h ential. e objectives is for OM4 fiber. <b>P50</b>	have defined links	s for both OM3 and OM4	specified i Proposed Res PROPOSI Change re See also o C/ <b>167</b>	in J.2. sponse ED ACCEPT eference to IE comments #99 SC <b>167.10.1</b>	Response Status W IN PRINCIPLE. C 60950-1 to Annex J. 5 P61	L35	
The objectives in 802 802.3cm, 802.3cd an for broad market pote The link length in the C/ 167 SC 167.7 Wienckowski, Natalie Comment Type TR	2.3db are written the same way td 802.3bm. All these projects h ential. e objectives is for OM4 fiber. <b>P50</b> General Moto	L24	s for both OM3 and OM4 # 67 Bucket	specified i Proposed Res PROPOSI Change re See also o Cl <b>167</b> S Wienckowski, Comment Typ	in J.2. sponse ED ACCEPT I eference to IE comments #98 SC 167.10.1 Natalie be TR	Response Status W IN PRINCIPLE. C 60950-1 to Annex J. 5 P61 General Moto <i>Comment Status</i> D	L <b>35</b> Drs	# <u>70</u> Bucke
The objectives in 802 802.3cm, 802.3cd an for broad market pote The link length in the Cl 167 SC 167.7 Nienckowski, Natalie Comment Type TR There is no objective in this draft. SuggestedRemedy	2.3db are written the same way ad 802.3bm. All these projects h ential. e objectives is for OM4 fiber. <b>P50</b> General Moto <i>Comment Status</i> <b>D</b> for a 60m link. The SR links an	L24	s for both OM3 and OM4 # 67 Bucket	specified i Proposed Res PROPOS Change re See also o Cl 167 S Wienckowski, Comment Typ Remove re	in J.2. Sponse ED ACCEPT   eference to IE comments #99 SC 167.10.1 Natalie be TR reference to O	Response Status W IN PRINCIPLE. C 60950-1 to Annex J. 5 P <b>61</b> General Moto	L <b>35</b> Drs	# [ <u>70</u> Bucke
The objectives in 802 802.3cm, 802.3cd an for broad market pote The link length in the Cl 167 SC 167.7 Wienckowski, Natalie Comment Type TR There is no objective in this draft.	2.3db are written the same way ad 802.3bm. All these projects h ential. e objectives is for OM4 fiber. <b>P50</b> General Moto <i>Comment Status</i> <b>D</b> for a 60m link. The SR links an	L24	s for both OM3 and OM4 # 67 Bucket	specified i Proposed Res PROPOSI Change re See also o Cl 167 S Wienckowski, Comment Typ Remove re SuggestedRei	in J.2. Sponse ED ACCEPT I eference to IE comments #99 SC 167.10.1 Natalie be TR eference to O medy	Response Status W IN PRINCIPLE. C 60950-1 to Annex J. 5 P61 General Moto <i>Comment Status</i> D M3 as it doesn't meet the pr	L35 ors	# [70 Bucke
The objectives in 802 802.3cm, 802.3cd an for broad market pote The link length in the Cl 167 SC 167.7 Wienckowski, Natalie Comment Type TR There is no objective in this draft. SuggestedRemedy Delete row: 0.5 m to Proposed Response PROPOSED REJEC	2.3db are written the same way ad 802.3bm. All these projects h ential. • objectives is for OM4 fiber.	L24	s for both OM3 and OM4 # 67 Bucket	specified i Proposed Res PROPOSI Change re See also o Cl 167 S Wienckowski, Comment Typ Remove re SuggestedRed Delete: A	in J.2. sponse ED ACCEPT I eference to IE comments #99 SC 167.10.1 Natalie pe TR eference to O medy s OM4 and O	Response Status W IN PRINCIPLE. C 60950-1 to Annex J. 5 P61 General Moto <i>Comment Status</i> D	L <b>35</b> ors roject objectives. quirements for O	# <u>70</u> Bucke
The objectives in 802 802.3cm, 802.3cd an for broad market pote The link length in the Cl 167 SC 167.7 Wienckowski, Natalie Comment Type TR There is no objective in this draft. SuggestedRemedy Delete row: 0.5 m to Proposed Response	2.3db are written the same way ad 802.3bm. All these projects h ential. • objectives is for OM4 fiber.	L24	s for both OM3 and OM4 # 67 Bucket	specified i Proposed Res PROPOSI Change re See also o Cl 167 S Wienckowski, Comment Typ Remove re SuggestedRet Delete: A to the "OM	in J.2. Sponse ED ACCEPT I eference to IE comments #99 SC 167.10.1 Natalie be TR reference to O medy IS OM4 and O A3" column mage	Response Status W IN PRINCIPLE. C 60950-1 to Annex J. 5 P61 General Moto <i>Comment Status</i> D M3 as it doesn't meet the pr	L <b>35</b> ors roject objectives. quirements for O	# <u>70</u> Bucke M3, a channel compliant

Comment ID 70

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C/ 167	SC 167.10.2.2	P <b>62</b>	L7	# 71	C/ FM	SC FM	P <b>1</b>	L37	# 74
Wienckows		General Motor	-	<i>"</i>		an, George			, Cisco, CommScope, M
Comment T There i	<i>Type</i> <b>TR</b> s no objective for a	Comment Status <b>D</b> a 30m link. The VR links are	e specified to be	<i>Bucket</i> e 50m everywhere else in	Comment	Туре Е	Comment Status <b>D</b> e Review this is for working	0 / 1	Bucket
		a 70m link (not consistent). aft.	The SR links a	re specified to be 100m	Suggested Chang	-	eview to Working Group Ballot		
Suggested Delete	Remedy OM3 columns in T	able 167-14			PROF	Response POSED ACCEPT	Response Status W IN PRINCIPLE.		
	Response DSED REJECT. sponse to commer	Response Status W				is in future drafts. Ilso comment #7			
	•		1.05	# 70	C/ 1	SC 1.4.39a	P18	L15	# 75
C/ 167	SC 167.10.2.2	P62	L <b>25</b>	# 72	Zimmerma	an, George	CME Consultir	ng/ADI, APL Gp	, Cisco, CommScope, M
Wienckows Comment 7	,	General Motors Comment Status D	S		Comment	Туре Е	Comment Status D		Bucket
	e reference to OM	3 as it doesn't meet the proj	ject objectives.	Bucket	100GI		E-SR10 encoding" - it is just " d go before 100GBASE-SR10 g".		
00	OM3 columns in T	able 167-15			Suggestee	dRemedy			
	DSED REJECT.	Response Status W			encod		tion to Insert the following new	/ definition after	1.4.38 100GBASE-R
See rea	sponse to commer	nt #66.			Proposed	Response	Response Status W		
C/ <b>FM</b> Zimmermai	SC FM	P <b>1</b> CME Consultir	L <b>35</b> ng/ADLAPLGp	# <u>73</u> , Cisco, CommScope, M		POSED ACCEPT esponse to comm			
Comment 1	, <b>b</b>	Comment Status <b>D</b>	.9	Bucket	C/ 1	SC 1.4.104a	P18	L <b>32</b>	# 76
It seem	s unlikely you will	go to SA ballot after 802.3c	w. 802.3cw is s	still at d1p2.	Zimmerma	an, George	CME Consultir	na/ADI. APL Gp	, Cisco, CommScope, M
Suggested	Remedv				Comment	<i>,</i> 0	Comment Status D	J. , -1	Bucket
Check	,	p for order of amendments : ) & 11	and align this, a	ind amendment		-	"new definitions" - I only see	one.	
Proposed F	Response DSED ACCEPT IN	Response Status W				ge "new definitior	s" to "new definition" in the ec	liting instruction	
Make o		to appropriate amendment	order after cons	sulting with Working	,	Response POSED ACCEPT	Response Status W		

C/ 30	SC 30.5.1.1.2	P <b>20</b>	L11	# 77	CI <b>45</b>	SC 45.2	1.6	P <b>21</b>	L10	# 78
Zimmerma	in, George	CME Consult	ing/ADI, APL Gp	, Cisco, CommScope, M	Zimmerm	an, George		CME Consul	lting/ADI, APL Gp	o, Cisco, CommScope, M
Comment	Туре Т	Comment Status D		Bucket	Comment	Type E	C	Comment Status D		Bucket
be at t SYNT <i>Suggested</i>	he indent occupie AX to line up with <i>IRemedy</i> ATTRIBUTE on n	g on line before APPROPRI d by APPROPRIATE SYNT the indent of the added MA ew line before APPROPRIA	AX, which would U types.	cause APPROPRIATE	Table like th 1 1 1 1 1 0 1 1 0	45-7 has 3 r e change ne x x x x = rese 1 x x x = rese 0 1 x x = res	eserved re eds to be erved erved erved		to be changed is ne reserved rows	
Proposed	Response	Response Status W							0	
, PROP	, OSED ACCEPT I	,			111	1111 = res	erved (wit	h values 1111110 thro	ugh 1111000 defi	ned)
		indent "APPROPRIAT SYN"	TAX" correctly.					ence to 50GBASE-BR4 ng this is an error or in a		
					Suggeste	dRemedy				
					(unch show <so> where 1054 <ul> 111 111 111 111 111 111 111 2SO&gt; <ul></ul></ul></so>	anged rows in descriptio and $\leq$ END S the new tex 3 2 1 0 1 1 1 1 1 1 1 1 1 0 = 400 1 1 0 1 = 400 1 1 0 1 = 200 1 0 1 1 = 200 1 0 1 0 = 100 1 0 0 1 = 100	and shown a, as below GO> start i lies in the GBASE-S	an): w, <ul> indicates start and end of strikeout, and e draft SR4 PMA/PMD VR4 PMA/PMD SR4 PMA/PMD SR4 PMA/PMD SR4 PMA/PMD VR4 PMA/PMD VR4 PMA/PMD VR4 PMA/PMD VR4 PMA/PMD VR4 PMA/PMD VR4 PMA/PMD SR4 PMA/PMD VR4 PMA/PMD SR4 PMA/PMA/PMD SR4 PMA/PMA/PMD SR4 PMA/PMA/PMD SR4 PMA/PMA/PMD SR4 PMA/PMA/PMD SR4 PMA/PMA/PMA/PMD SR4 PMA/PMA/PMA/PMA/PMA/PMA/PMA/PMA/PMA/PMA/</ul>	of underline, <ei< td=""><td>in Table 45-7, as shown ND UL&gt; end of underline, that is just plain to show</td></ei<>	in Table 45-7, as shown ND UL> end of underline, that is just plain to show
					Proposed	Response	Re	esponse Status W		
					PRO	POSED ACC	EPT IN PI	RINCIPLE.		
					"6 5 4 <ul> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</ul>	3 2 1 0 1 1 1 1 1 1 1 1 1 0 = 400 1 1 0 1 = 400 1 1 0 0 = 200 1 0 1 1 = 200	= reserve GBASE-S GBASE-S GBASE-S GBASE-S		7 as shown (unch	anged rows not 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

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								-	-		
	1 0 0 1 = 100GBA • 1 1 1 1 1 x x = res	SE-VR4 PMA/PMD <end u<br="">served</end>	L>		C/ 45	SC	45.2.1.24		P <b>23</b>	L <b>49</b>	# 82
	101x = reserved				Zimmerm	an, Geo	rge		CME Consult	ing/ADI, APL Gp	, Cisco, CommScope, I
	1 0 0 1 = reserved 1 0 0 0 = 50GBAS				Comment	Туре	Е	Commer	nt Status D		Buck
" <ul></ul>	stands for underli	ne and <so> for strikeout. es from 802.3cp and was ad</so>	ded in 802.3dc E	02.1.	45.2.	1.24.4" -	these are	subclauses	, not tables, use		5.2.1.24.8) after ference formatting so it AFTER Table 45-27.
C/ <b>45</b>	SC 45.2.1.7.4	P <b>21</b>	L <b>43</b>	# 79	Suggeste See c	<i>dReme</i> o commen	•				
Zimmerm	an, George	CME Consulti	ng/ADI, APL Gp,	Cisco, CommScope, M	Proposed			Response	e Status W		
Comment		Comment Status D		Bucket	,	,		IN PRINCIP			
	.10 should be an a 67.5.7 in Table 45	ctive cross reference, same -12.	comment for 167	7.5.11 in Table 45-10			e to comm		LL.		
Suggeste make		s 45-9, 45-10 and 45-12 acti	ve cross referenc	ces	C/ 80	SC	80.1.3		P <b>27</b>	L <b>9</b>	# 83
Proposeo	Response	Response Status W			Zimmerm	an, Geo	rge		CME Consult	ing/ADI, APL Gp	, Cisco, CommScope, I
•	POSED ACCEPT.				Comment	Туре	Е	Commer	nt Status D		Buck
								an external	reference is sor	mehow an active	cross reference. No id
C/ <b>45</b>	SC 45.2.1.22	P <b>23</b>	L <b>9</b>	# 80	where	e it point	s				
Zimmerm	an, George	CME Consulti	ng/ADI, APL Gp,	Cisco, CommScope, M	Suggeste	dReme	dy				
Comment	Type E	Comment Status D		Bucket	See o	commen	t, make it i	not active.			
"(as r	nodified by IEEE S	td 802.3cn-2019)" - if this is	an amendment to	o the revision (802.3-	Proposed	Respor	nse	Response	e Status 🛛 🛛 🛛 🛛 🛛 🖉		
2022	), then modification	by 802.3cn-2019 is not relevant	vant or necessar	у.				IN PRINCIP	LE.		
Suggeste	dRemedy				Deac	tivate th	is cross re	ference			
Delet	e "(as modified by	IEEE Std 8092.3cn-2019)" ir	n editing instruction	on	CI 80	SC	80.1.1		P <b>28</b>	L1	# 84
Proposed	Response	Response Status 🛛 🛛 🛛 🖉			Zimmerm	an, Geo	rge		CME Consult	ing/ADI, APL Gp	, Cisco, CommScope, I
PRO	POSED ACCEPT.				Comment	-	Ē	Commer	nt Status D	0 / 1	Buck
	00 15 0 1 00		1.10	" []	80.1.1	1 Should	d be 80.1.5	5	_		
C/ <b>45</b>	SC 45.2.1.22	P <b>23</b>	L19	# 81	Suggeste	dRomo	4				
	an, George		ng/ADI, APL Gp,	Cisco, CommScope, M	00		رہ 1 to 80.1.5.	5			
Comment	51	Comment Status D		Bucket		0			o		
There	e is only one reserv	ed bit - no need for a range			Proposed	•		•	e Status W		
Suggeste	dRemedy					IS numb		IN PRINCIP	LE.		
Chan	ge edit just to strik	e out ":12" (deleting the inse	rted 14, and strik	ing out the colon as well			59				
Proposed	Response	Response Status W									
PRO	POSED 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/ 80	SC 80.1.1	P <b>28</b>	L <b>13</b>	# 85	C/ 167	SC 167	P <b>41</b>	L1	# 88
Zimmerma	in, George	CME Consultin	g/ADI, APL Gp	, Cisco, CommScope, M	Zimmerma	an, George	CME Consu	Ilting/ADI, APL G	p, Cisco, CommScope, M
Comment	Туре Е	Comment Status D		Bucket	Comment	Туре Е	Comment Status D		Bucket
"Claus	e 167" column h	eader is different than the othe	ers which just h	ave numbers	Missir	ng editing instr	ruction		
Suggested Chang		o "167" (as active xref)			S <i>uggeste</i> Add e		ion "Insert clause 167 after clau	use 166 as show	ı:"
	, OSED ACCEPT	Response Status W IN PRINCIPLE. e without breaking the others			PROF		Response Status W PT IN PRINCIPLE. e editing instructions at the star	t of Clause 167.	
C/ 116	SC 116.1.4	P <b>36</b>	L <b>34</b>	# 86	C/ 167	SC 167.1	P <b>41</b>	L16	# 89
Zimmerma	in, George	CME Consultin	g/ADI, APL Gp	, Cisco, CommScope, M	Zimmerma	an, George	CME Consu	Ilting/ADI, APL G	p, Cisco, CommScope, M
Comment	Туре Е	Comment Status D		Bucket	Comment	Туре Е	Comment Status D		Bucket
"Claus	e 167" column h	eader is different than the othe	ers which just h	ave numbers	Claus	e 45 is marke	d external, even though it is an	active cross refe	erence and in the draft
Suggested	IRemedy				Suggeste	dRemedy			
Chang	je "Clause 167" t	o "167" (as active xref)			Make	clause 45 bla	ck and not marked external		
	, OSED ACCEPT	Response Status W IN PRINCIPLE. without breaking the others			PROF	Response POSED ACCE is cross refere	Response Status W PT IN PRINCIPLE. Ince		
C/ 116	SC 116.1.4	P <b>37</b>	L <b>20</b>	# 87	C/ 167	SC 167.1	P <b>41</b>	L <b>49</b>	# 90
Zimmerma	in, George	CME Consultin	g/ADI, APL Gp	, Cisco, CommScope, M	Zimmerma	an, George	CME Consu	Ilting/ADI, APL G	p, Cisco, CommScope, M
Comment	Туре Е	Comment Status D		Bucket	Comment	Туре Е	Comment Status D		Bucket
"Claus	e 167" column h	eader is different than the othe	ers which just h	ave numbers			d external, even though it is an	active cross refe	erence and in the draft -
Suggested	lRemedy					on page 42 in <sup>-</sup>	Table 107-2.		
Chang	je "Clause 167" t	o "167" (as active xref) (2 place	es)		Suggeste	2	als and not manifed as tampal ( )	( <b>m</b>   <b>m</b> = <b>m</b> = <b>m</b> )	
Proposed I	Response	Response Status W					ck and not marked external ( 2	places)	
	OSED ACCEPT				,	Response	Response Status W		
Fix this	s cross reference	e without breaking the others				POSED ACCE is cross refere	PT IN PRINCIPLE.		

C/ 167	SC 167.5.10	P <b>49</b>	L <b>38</b>	# 91	C/ 167	SC	167.8.5	P <b>56</b>	L <b>47</b>	# 94
Zimmermar	n, George	CME Consulti	ng/ADI, APL Gp	, Cisco, CommScope, M	Zimmerma	in, Geor	rge	CME Consulti	ng/ADI, APL Gp	, Cisco, CommScope, M
Comment 1	Гуре Е	Comment Status D		Bucket	Comment	Туре	Е	Comment Status D		Bucket
		ernal even though it is in the	e draft				should be ort table	on the same page - the head	lers are on one	page and the body on the
Suggestedl		e cross reference, not exter	nal and black		Suggested	Remed	ly			
Proposed F		,	nai, and black		Fix pa	ge align	iment so th	e table all goes on one page		
, PROPO	SED ACCEPT II se cross referenc				Proposed PROP	,		Response Status W N PRINCIPLE.		
C/ 167	SC 167.5.11	P <b>49</b>	L <b>46</b>	# 92	Try ge	tting Ta	ble 167-12	on one page.		
Zimmermar	n, George	CME Consulti	ng/ADI, APL Gp	, Cisco, CommScope, M	C/ 167	SC	167.9.1	P59	L <b>54</b>	# 95
Comment 7	Гуре Е	Comment Status D		Bucket	Zimmerma	n, Geor	rge	CME Consulti	ng/ADI, APL Gp	, Cisco, CommScope, M
45.2.1.	7.5 is marked ext	ernal even though it is in the	e draft		Comment	Type	TR	Comment Status D		Bucket
Suggestedl	Remedy				IEC 60	) 950-1 ł	nas been w	vithdrawn. See IEEE 802.3-2	202x Annex J.	
make 4	15.2.1.7.5 an activ	e cross reference, not exter	nal, and black		Suggested	Remed	lv			
Proposed F	Response	Response Status W			00			C 60950-1" with "shall confo	rm to J.2"	
	OSED ACCEPT I	N PRINCIPLE.			Proposed			Response Status W		
Fix this	cross reference				•	•		N PRINCIPLE.		
C/ 167	SC 167.8.5	P <b>56</b>	L <b>44</b>	# 93		to Anne				
Zimmermar	n, George	CME Consulti	ng/ADI, APL Gp	, Cisco, CommScope, M	See o	omment	#69			
Comment 1	Type <b>TR</b>	Comment Status D		Bucket						
		be indented as a list item - a			C/ 167	SC	167.10.2.2	P <b>62</b>	L <b>8</b>	# 96
substitu ballot.	ution. The editor'	s note should be removed d	uring working gro	oup ballot, prior to SA	Ferretti, Vi	nce		Corning		
					Comment	Туре	TR	Comment Status D		Bucket
Suggestedl Remov	remedy ve editor's note.							tic cabling (channel) charact or SR lengths as 70 m	eristics incorrec	tly calls out operating
Proposed F	Response	Response Status 🛛 🛛 🛛 🛛 🛛 🖉			Suggested	Remed	ly			
PROPO	OSED ACCEPT II	N PRINCIPLE.			Chang	ge OM3	operating	distance to 60 m to match op	erating distance	es in other sub-clauses
See reg	sponse to comme	ent #40			Proposed	Respon	se	Response Status W		
000168								N PRINCIPLE. match OM3 operating dista	nce elsewhere il	n Clause 167

	1 P58	L <b>42</b>	# 97	C/ 45 SC 45	.2.1.21	P <b>22</b>	L <b>37</b>	# 100
licholl, Gary	Cisco Systems	s, Inc.		Lusted, Kent	Ir	ntel Corporatio	on	
Comment Type TR	Comment Status D			Comment Type	ER Comment Sta	atus <b>D</b>		Bucke
	3.125GHz integration bandwidth			The 200G PMA/	PMD extended ability bi	its 1.23.7 and	1.23.8 collide v	vith P802.3ck
measurements exper	th. The high integration bandwic nsive.	ath is not needed	and can make	SuggestedRemedy				
SuggestedRemedy				Move the bits to	another location in the	register		
,	imit of the measurement appara	itus is to be appre	oximately 26.5625 GHz	Proposed Response	Response Sta	atus <b>W</b>		
Proposed Response	Response Status W		,	PROPOSED AC	CEPT IN PRINCIPLE.			
PROPOSED ACCEP	,			See response to	o comment #239.			
Discuss				C/ 45 SC 45	.2.1.24	P <b>24</b>	L <b>7</b>	# 101
91 SC 91.5.3.	3 <i>P</i> 30	L12	# 98	Lusted, Kent	Ir	ntel Corporatio	on	
arris, Arthur	Cadence Desi	ian Systems		Comment Type	ER Comment Sta	atus <b>D</b>		Bucke
omment Type E	Comment Status D	5 ,	Bucket	The 40G/100G F P802.3ck	PMA/PMD extended abi	lity register 2	bit 1.26.0 and 1	.26.1 collide with
Change "100GBASE	-DR PHY" to "100GBASE-DR" a	and the word "is"	is missing on line 33					
uggestedRemedy				SuggestedRemedy	another location in the	rogistor		
	-DR PHY" to "100GBASE-DR" of			Proposed Response		•		
-	the RS-FEC sublayer used" to "	When the RS-FE	C sublayer is used"	, ,	Response Sta	aus vv		
roposed Response	Response Status W			THOI OOLD AC				
	'T IN PRINCIPLE.			See response to	o comment #240.			
PROPOSED ACCEP Make these changes								
Make these changes			# 00	C/ 167 SC 16	7.1	P <b>41</b>	L <b>46</b>	# 102
Make these changes91SC 91.6.3	P <b>31</b>	L <b>4</b>	# 99	C/ 167 SC 16 Lusted, Kent		P <b>41</b> ntel Corporatio		# 102
Make these changes / 91 SC 91.6.3 arris, Arthur	P <b>31</b> Cadence Desi	-		Lusted, Kent Comment Type	Ir IR Comment Sta	ntel Corporatio atus <b>D</b>	on	Bucke
Make these changes <b>/ 91</b> SC <b>91.6.3</b> arris, Arthur <i>comment Type</i> <b>E</b>	P <b>31</b>	ign Systems	# 99 Bucket	Lusted, Kent Comment Type	Ir	ntel Corporatio atus <b>D</b> d Annex 1200	on G for the 100GA	Bucke
Make these changes 91 SC 91.6.3 arris, Arthur omment Type E Change "100GBASE	P <b>31</b> Cadence Desi Comment Status <b>D</b>	ign Systems		Lusted, Kent Comment Type	Ir IR Comment State Prences Annex 120F and	ntel Corporatio atus <b>D</b> d Annex 1200	on G for the 100GA	Bucke
Make these changes <b>/ 91</b> SC <b>91.6.3</b> arris, Arthur <i>omment Type</i> <b>E</b> Change "100GBASE uggestedRemedy	P <b>31</b> Cadence Desi Comment Status <b>D</b>	ign Systems		Lusted, Kent Comment Type Table 167-1 refe However, the an SuggestedRemedy	Ir IR Comment State Prences Annex 120F and	ntel Corporatio atus <b>D</b> d Annex 1200 ee from David	on 6 for the 100GA Law has 3ck pu	Bucke UI1 C2C and C2M. Jblishing after 3db
Make these changes 91 SC 91.6.3 arris, Arthur omment Type E Change "100GBASE uggestedRemedy	P <b>31</b> Cadence Desi <i>Comment Status</i> <b>D</b> -DR PMDs" to "100GBASE-DR'	ign Systems		Lusted, Kent Comment Type Table 167-1 refe However, the an SuggestedRemedy	Ir <b>FR</b> Comment Sta prences Annex 120F and nmendment order decre ces to Annex 120F and	ntel Corporatio atus <b>D</b> d Annex 120G ee from David Annex 120G	on 6 for the 100GA Law has 3ck pu	Bucke UI1 C2C and C2M. Jblishing after 3db

C/FM SC FM	P10	L <b>29</b>	# 103	C/ 00	SC O		P18	L14	# 106
Ran, Adee	Cisco			Ran, Adee			Cisco		
Comment Type E	Comment Status D		Bucket	Comment	Туре Е		Comment Status D		Bucket
1 0 1	arting on line 29 should be part o		graph (Section Eight).		editorial ins tion inconv		ns in this draft appear as boc	okmarks in the b	ookmark pane, making
	a space is missing after "Clause	125".		Suggested	Remedy				
SuggestedRemedy Delete the paragr	aph break, insert space between	"Clause 125" and	"includes".	Apply p bookm	• •	formatt	ing for all editorial instruction	is to avoid them	being treated as
Proposed Response	Response Status W			Proposed I	Response		Response Status W		
	EPT IN PRINCIPLE. raph to match latest draft of 802	.3dc		PROP	OSED AC	CEPT II	N PRINCIPLE.		
C/00 SC 0	P <b>12</b>	L1	# 104	C/ <b>45</b>	SC 45.2	2.1.6	P <b>21</b>	L <b>26</b>	# 107
Ran, Adee	Cisco	-1	# 104	Ran, Adee			Cisco		
Comment Type E	Comment Status D		Bucket	Comment			Comment Status D		Bucket
	blank pages in the draft (appare	ently at the end of c			e for 50GE erlined.	BASE-B	R40-U appears in the base o	document (802.)	3dc D2.1) so should not
SuggestedRemedy Delete the empty	pages.			Suggested Remov	<i>Remedy</i> /e the unde	erline.			
Proposed Response PROPOSED ACC	Response Status W			Proposed I PROP	Response OSED AC(	CEPT.	Response Status W		
C/ 1 SC 1.3	P <b>18</b>	L <b>4</b>	# 105	C/ <b>45</b>	SC 45.2	2.1.21	P <b>22</b>	L <b>37</b>	# 108
Ran, Adee	Cisco			Ran, Adee			Cisco		
Comment Type E	Comment Status D		Bucket	Comment	Туре Т	R	Comment Status D		Bucket
Nothing is inserter SuggestedRemedy	d in this subclause.				and 8 of re e not availa		.23 have been assigned by a	302.3ck (since [	D1.0, December 2019)
,	use and editorial instruction, unle	ess the next draft a	dd some content	Suggested	Remedy				
Proposed Response	Response Status W			Keep b	oits 8:7 res	erved, a	and assign bits 10:9 instead	(or others base	d on availability).
, ,				Chang	e 45.2.1.2 <sup>.</sup>	1.9 and	45.2.1.21.10 accordingly.		
Subclause 1.3 wil	be deleted. Editorial instruction			Proposed I			Response Status W		
numbers 1.4.x for	the new PMDs will remain to mo	onitor new drafts of	802.3dc.	•	•	CEPT II	N PRINCIPLE.		
				See re	sponse to	comme	ents #225 and #239.		

							<b>o</b> .		
C/ <b>45</b>	SC 45.2.1.22	P <b>23</b>	L <b>9</b>	# 109	CI 78	SC 78.1.4	P <b>25</b>	L <b>8</b>	# 112
Ran, Adee		Cisco			Ran, Adee		Cisco		
Comment T	Туре Е	Comment Status D		Bucket	Comment	Туре Е	Comment Status D		Bucke
This dr include		nent of 802.3dc-202x, so mo	difications by 80	2.3cn-2019 are already		w is not expected here.	ted to be published before 802	.3db, so its mod	ifications should not be
S <i>uggestedi</i> Fix the	Remedy editorial instructi	on.				ot see anything n the editorial i	in the table that does not matc nstruction.	h 802.3dc, so th	is seems to be only an
Proposed F	,	Response Status W			Also a	pplies to two ir	nstances in 116.1.3 (P35 L40 ar	nd P38 L27).	
PROPO	OSED ACCEPT.				Suggested	Remedy			
C/ 45	SC 45.2.1.22	P <b>23</b>	L <b>9</b>	# 110	Fix the	editorial instru	uctions.		
Ran, Adee		Cisco			Proposed	Response	Response Status W		
Comment 1		Comment Status D		Bucket			T IN PRINCIPLE.		
In D2.1	l of 802.3dc (as ii	n 802.3cn-2019) bits 14:11 a	are reserved, not	just 14:12, so the new	Remov	/e 802.3cw fro	m editing instructions		
assigni	ments should be	bits 12:11, to avoid a single	bit gap.		C/ 00	SC 0	P <b>25</b>	L <b>20</b>	# 113
Suggested					Ran, Adee		Cisco		
Assign	bits 12:11.				Comment		Comment Status D		Bucke
Proposed F PROP	Response OSED ACCEPT I	Response Status W N PRINCIPLE.			Severa	al cross-referei	nces to content that is not includents, they are active (and broke		are formatted in green, b
See re	sponse to comme	ent #227.					oss-references to content in an and 91) are also formatted in g		
C/ <b>45</b>	SC 45.2.1.24	P <b>23</b>	L <b>47</b>	# 111	Suggested	0		9. oon (and ooni	
Ran, Adee		Cisco				-	ss-references plain text in gree	n, and all interna	al cross-references active
Comment T	Type <b>TR</b>	Comment Status D		Bucket		i black.		,	
		1.26 have been assigned by	802.3ck (since [	01.0, December 2019)	Proposed	Response	Response Status W		
	e not available.						T IN PRINCIPLE.		
Suggested Keep b		and assign bits 11:10 instea	d (or others bas	ed on availability).	Fix the	ese cross refere	ences		
Change	e 45.2.1.24.7 and	1 45.2.1.24.8 accordingly.							
Proposed F	Response	Response Status W							
PROP	OSED ACCEPT I	•							
See re	sponse to comme	ents #230 and #240.							

								_		
C/ 91	SC 91.5.3.3	P <b>30</b>	L18	# 114	C/ 167	SC 167.	1	P <b>41</b>	L <b>46</b>	# 117
Ran, Adee		Cisco			Ran, Adee			Cisco		
Comment 1	Гуре E	Comment Status D		Bucket	Comment		-	Comment Status D		Bucke
The am is missi		s paragraphs is unclear. The n	ormative requ	irement of the paragraph	202x w	rith amendr	nents	be published after 802.3db, a not including 802.3ck. Thereford and are undefined.		
	rrent content is ir all" is about.	nsufficient for readers without g	oing to the ba	se document to see what		tion, the no	menc	lature tables in clauses 80 and	d 116 do not in	clude annexes 120F and
Suggestedl	Remedy				120G.					
Include	the third paragra	aph in its entirety.			802.3c	k should ar	nend	clause 167 to point to these a	nnexes instead	l.
	DSED ACCEPT I	Response Status W N PRINCIPLE. n and not just this sentence.			lf 802.3 tables.	3ck is publi	shed f	irst, several changes will be n	eeded in 802.3	db, not just these two
	entile paragrapi	rana not just this sentence.			Suggested	Remedy				
C/ <b>116</b> Ran, Adee	SC 116.1.3	P <b>37</b> Cisco	L10	# 115				exes 120F and 120G from Tal ng to them.	ble 167–1 and	Table 167–2, and delete
Comment 1	vpe ER	Comment Status D		Bucket	Proposed I	Response		Response Status W		
802.3c	51	to be published before 802.30	lb, so its modi					N PRINCIPLE. es to 802.3ck		
Suggestedl	Remedy				CI 00	SC 0		P <b>41</b>	L <b>51</b>	# 118
Fix the	editorial instructi	on, and remove the columns a	nd rows for 40	0GBASE-ZR.	Ran, Adee			Cisco		
Proposed F	Response	Response Status W			Comment	Tvpe EF	र	Comment Status D		Bucke
	OSED ACCEPT I						age, '	'must" cannot be used when s	tating mandate	ory requirements.
C/ 116	SC 116.4	P38	L <b>38</b>	# 116				e word "must" appear in text in 5, and 56. These earlier claus		
Ran, Adee		Cisco			elimina	ite usage o	f this v	word.		
Comment 1	Type E	Comment Status D		Bucket	Suggested	Remedy				
Inserte	d content is not ι	Inderlined.			Chang	e the sente	nces	hat include "must" based on s	imilar text in 8	02.3dc D2.1.
Suggestedl	Remedy				Proposed I	Response		Response Status W		
00		ng for the two inserted rows.						N PRINCIPLE.		
Proposed F	Response	Response Status W			Implem	nent with ec	litoria	license.		
PROPO	DSED ACCEPT I ne added rows to	, IN PRINCIPLE.								

C/ 167	SC 167.1	P <b>42</b>	L <b>46</b>	# 119	C/ 167	SC 167.5.2	P <b>47</b>	L <b>36</b>	# 121
Ran, Adee		Cisco			Ran, Adee		Cisco		
Comment 7	Гуре Е	Comment Status D		Bucket	Comment	Туре <b>т</b>	Comment Status D		Bucket
conven	ntions, reference	relevant information may be for s, definitions and abbreviation B2], etc.)." Does not belong in	s) and Annex	A (bibliography,		ansmit function streams.	converts symbol streams to o	ptical signals, no	t signal streams to optica
S <i>uggestedl</i> Move t		ence to a separate paragraph a	t the end of the	subclause.	be fixe	d in maintenand	jinate in clause 138, which ha e). The precedence in most ( 5.2) should be followed instea	other clauses (e.ç	
Proposed F	Response OSED ACCEPT	Response Status W			Similar	rly for the receiv	e function, in the other directi	ion, in 167.5.3.	
		match previous clauses.			Suggested	lRemedy			
C/ 167	SC 167.2	P44	L <b>7</b>	# 120		.5.2, change fro	m nction shall convert the one,	two or four signs	d atraama requested by
Ran, Adee	00 107.2	Cisco	LI	# 120	the PM		ace messages PMD:IS_UNI		
Comment 1	Гуре Е	Comment Status D		Bucket	to	ate optical signa	Sucallis		
	ns that there is a ustified.	n unnecessary line break after	"VR2,", maybe	because the paragraph	the PM	ID service inter	nction shall convert the one, ace messages PMD:IS_UNI 	, ,	, , ,
Suggestedl	Remedy				separa	ate optical signa	IS .		
	oaragraph forma f it exists.	tting to justify the paragraph (a	nd others if neo	cessary). Delete the line		.5.3, change fro MD Receive fu	m nction shall convert the one, t	wo, or four parall	el optical signal streams
Proposed F	Response	Response Status W				ed from the MD	I into separate symbol stre	ams"	
	OSED ACCEPT this paragraph of						nction shall convert the one, t e, two, or four separate sym		el optical signals received
					Proposed I	Response	Response Status W		
							IN PRINCIPLE.		

Make corrections in line with previous clauses.

C/ 167	SC 16	67.5.2	P <b>47</b>	L <b>43</b>	# 122	C/ 167	SC	167.6	P <b>50</b>	L <b>1</b>	# 124
Ran, Adee			Cisco			Ran, Adee			Cisco		
Comment 7	Туре .	т	Comment Status D		Bucket	Comment	Туре	т	Comment Status D		Bucke
_ /			wo, and three" -  The senten NITDATA_i.request. "tx_sym		_ ,			RS-FEC si n in these	ublayer in 200GBASE-R and 4 PHYs.	400GBASE-R.	The lane reordering is a
be fixe	d in main	tenance	nate in clause 138, which has ). The precedence in most of l be followed instead.			Suggested Chang Proposed I	e "the	RS-FEC	sublayer is" to "the PCS and t Response Status W	he RS-FEC sul	blayer are".
Similar	rly for the	receive	function, with rx_symbols, in	167.5.3.					IN PRINCIPLE.	uses	
Suggested	Remedy					mano					
Change three".	_ /	nbols ze	o, one, two, and three" to "tx	_symbol values	zero, one, two, and						
Similar	rly for rx_	symbols	in 167.5.3.								
	, OSED AC	CCEPT I	Response Status W N PRINCIPLE. with previous clauses.								
C/ 167	SC 16	67.5.5	P <b>48</b>	L <b>42</b>	# 123						
Ran, Adee			Cisco								
Comment 1	Type I	E	Comment Status D		Bucket						
			mplementations of the Signa ant here, and is probably rep								
Suggested	Remedy										
Delete	the quote	ed sente	nce.								
Proposed F	Response	Э	Response Status W								
			om previous standards. The o	commenter has ı	not provided a reason to						

C/ 167	SC 167.8	P <b>54</b>	L <b>3</b>	#	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 6128( 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 give 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 Tab 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		P55	L <b>26</b>	# 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.

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

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

Comment ID 126

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C/ 167 SC 167.8.	1.1 P55	L <b>42</b>	# 127	C/ 167	SC 167.10.2.	2 P <b>62</b>	L <b>29</b>	# 130
Ran, Adee	Cisco			Ran, Adee		Cisco		
Comment Type T	Comment Status X			Comment	Туре Е	Comment Status D		Bucke
not apply only to "M	native test methods that general ulti-lane testing considerations". Iragraph that deals with various	Within this claus	e, it does not make sens	manua	l), either a multip	is in appropriate. Per IEEE licative dot or a non-breakin potnote, use a multiplicative	g space should b	
SuggestedRemedy				Suggested				
,	ntence to the parent subclause 1	67.8. or to a sep	arate paragraph at the	00	e to "MHz⋅km".			
end of this subclaus			P <b>9</b> P	Proposed I		Response Status W		
Proposed Response	Response Status W			,		•		
DISCUSS					his change			
C/ 167 SC 167.8.	3 <i>P</i> 56	L <b>5</b>	# 128	C/ 167	SC 167.10.2.	2 P62	L <b>39</b>	# 131
Ran, Adee	Cisco			Ran, Adee		Cisco		
Comment Type E	Comment Status D		Bucket	Comment	Туре Е	Comment Status D		Bucke
"Figure 53–6" is a bi	roken link (not found in this docu	iment), and is no	t formatted in green.			167–15 are about the size o		
SuggestedRemedy			-		n information perf	inent separately to each of t	he fiber types, so	o may be more adequate
Change to regular te	ext and format in forest green.			Suggested				
Proposed Response	Response Status W			00		ntent of the footnotes into th	ne table or to the	body of the subclause.
PROPOSED ACCE	PT.			Proposed I	Response	Response Status W		
C/ 167 SC 167.9.	1 <i>P</i> 59	L53	# 129	PROP	OSED ACCEPT	•		
		200	# 125		sponses to com			
Ran, Adee	Cisco		Ducket	This to	othote will be coi	ndensed and streamlined.		
Comment Type ER	Comment Status D	ant now refer to	Bucket					
	" subclauses in the base docum		Annex J.					
SuggestedRemedy								
	this subclause to "All equipmen rements as specified in J.2".	t subject to this c	lause shall conform to th					
Also change PICS it	em ES1.							
Proposed Response	Response Status W							
PROPOSED ACCE								
Reference Annex J	in line with D2.1 of 802.3dc							

	SC 167.10.2.2	P62	L <b>44</b>	# 132	C/ 167	SC 167.11.4.	3 P <b>69</b>	L <b>36</b>	# 135
Ran, Adee		Cisco			Ran, Adee		Cisco		
Comment	Туре Т	Comment Status D			Comment	Гуре Е	Comment Status D		Bucke
		ars in the normative reference			The Va	lue/Comment in	S1 and S2 are invalid and	d unnecessary.	
		ointer (with the expected pu about its expected publication		nould be placed in 1.3 as	Suggested	Remedy			
wen de			011.		Delete	the Value/Comr	nent in both items.		
If this o	document been lia	aised to 802.3, please includ	le its pointer in th	e editor's note.	Proposed I	Response	Response Status W		
Suggested	Remedy				PROP	OSED ACCEPT	IN PRINCIPLE.		
Per co	mment.				Double	check those two	o cells in this table to see	what should be in t	hem.
Proposed I	Response	Response Status W			C/ 167	SC 167.1	P <b>41</b>	L <b>46</b>	# 136
	OSED ACCEPT I				Brown, Mat		Huawei	•	
I his fo	ootnote needs to b	be discussed.			Comment		Comment Status D		Bucke
See re	sponse to comme	ents #4 and 197				51	x 120G are defined in 802.	3ck 802 3ck is an	
C/ 167	SC 167.10.3	P <b>63</b>	L17	# 133	after 80	02.3db according	g to the published timeline	s and the amendm	ent order proposed by th
			L17	# 133			This further established in that 802.3ck does not pre-		
Ran, Adee		Cisco		Durket			this clause then this can b		
Comment	51	Comment Status D	the MDI per 16	Bucket		ner relevant clau			
	only to the transm	sting is done at TP3 which is itter.	s the MDI per 16	7.5.1. So the note should		our intent to poil note for that.	nt out that AUIs with 100 G	b/s per lane signa	ling may exist then use a
Suggested	Remedy				Suggested	Remedy			
						terneay			
	e the NOTE text t 1, not at the MDI".	to "Transmitter compliance t	esting is perform	ed at TP2 as defined in		,	ble 167-2 delete rows for A	nnex 120F and An	nex 120G. Remove the
167.5.	1, not at the MDI".		esting is perform	ed at TP2 as defined in		e 167-1 and Tab editor's notes.	le 167-2 delete rows for A Response Status W	nnex 120F and An	nex 120G. Remove the
167.5. Proposed I PROP TP3 is	1, not at the MDI". <i>Response</i> OSED REJECT. "at the output of th		0.1		related Proposed I PROP	e 167-1 and Tab editor's notes.	Response Status W IN PRINCIPLE.	nnex 120F and An	nex 120G. Remove the
167.5. Proposed I PROP TP3 is text is	1, not at the MDI". <i>Response</i> OSED REJECT. "at the output of th appropriate.	Response Status W	MDI" and not the	MDI itself. The current	related Proposed I PROP	e 167-1 and Tak editor's notes. Response DSED ACCEPT	Response Status W IN PRINCIPLE.	unnex 120F and An	nex 120G. Remove the # 137
167.5. Proposed I PROP TP3 is text is	1, not at the MDI". <i>Response</i> OSED REJECT. "at the output of th	Response Status W	0.1		related Proposed I PROP Remov	e 167-1 and Tat editor's notes. Response DSED ACCEPT re references to SC <b>167.1</b>	Response Status W IN PRINCIPLE. 802.3ck		
167.5. Proposed I PROP TP3 is text is C/ <b>167</b>	1, not at the MDI". <i>Response</i> OSED REJECT. "at the output of th appropriate. SC <b>167.10.3.1</b>	Response Status W he fiber optic cabling at the I P63 Cisco	MDI" and not the	MDI itself. The current	related Proposed I PROPO Remov	e 167-1 and Tab editor's notes. Response DSED ACCEPT re references to SC <b>167.1</b> tt	Response Status W IN PRINCIPLE. 802.3ck P <b>41</b>		
167.5. Proposed I PROP TP3 is text is CI 167 Ran, Adee	1, not at the MDI". <i>Response</i> OSED REJECT. "at the output of th appropriate. SC <b>167.10.3.1</b>	Response Status W he fiber optic cabling at the I P63	MDI" and not the	MDI itself. The current	related Proposed I PROPO Remov Cl 167 Brown, Mat Comment 7	e 167-1 and Tab editor's notes. Response DSED ACCEPT re references to SC 167.1 t Type E	Response Status W IN PRINCIPLE. 802.3ck P <b>41</b> Huawei	L11	# <u>137</u> Bucke
167.5. Proposed I PROP TP3 is' text is CI <b>167</b> Ran, Adee Comment It is un	1, not at the MDI". <i>Response</i> OSED REJECT. "at the output of th appropriate. <i>SC</i> 167.10.3.1 <i>Type</i> <b>T</b> Inclear why there and	Response Status W he fiber optic cabling at the I P63 Cisco	MDI" and not the	MDI itself. The current # 134 Bucket	related Proposed I PROPO Remov Cl 167 Brown, Mat Comment 7 Presun	e 167-1 and Tak editor's notes. Response DSED ACCEPT re references to SC 167.1 tt Type E nably 100 Gigab	Response Status W IN PRINCIPLE. 802.3ck P <b>41</b> Huawei Comment Status D	L <b>11</b> one fiber, 200 over	# <u>137</u> Bucke two, and 400 over four.
167.5. Proposed I PROP TP3 is' text is CI 167 Ran, Adee Comment It is un 100GE	1, not at the MDI". <i>Response</i> OSED REJECT. "at the output of th appropriate. <i>SC</i> <b>167.10.3.1</b> <i>Type</i> <b>T</b> clear why there at BASE-VR1 MDIS.	Response Status W he fiber optic cabling at the l P63 Cisco Comment Status D	MDI" and not the	MDI itself. The current # 134 Bucket	related Proposed I PROPO Remov Cl 167 Brown, Mat Comment 7 Presun	e 167-1 and Tab editor's notes. Response OSED ACCEPT re references to SC 167.1 tt Type E nably 100 Gigab e wording to refle	Response Status W IN PRINCIPLE. 802.3ck P41 Huawei Comment Status D it Ethernet operates over o	L <b>11</b> one fiber, 200 over	# <u>137</u> Bucke two, and 400 over four.
167.5. Proposed I PROP TP3 is text is CI 167 Ran, Adee Comment It is un 100GE Suggested	1, not at the MDI". <i>Response</i> OSED REJECT. "at the output of th appropriate. <i>SC</i> 167.10.3.1 <i>Type</i> <b>T</b> iclear why there an BASE-VR1 MDIS. <i>IRemedy</i>	Response Status W he fiber optic cabling at the l P63 Cisco Comment Status D	MDI" and not the	MDI itself. The current # <u>134</u> <i>Bucket</i> BASE-VR1 and	related Proposed I PROPO Remov Cl 167 Brown, Mat Comment T Presun Chang Suggested "The P	e 167-1 and Tat editor's notes. Response DSED ACCEPT re references to SC 167.1 tt Fype E nably 100 Gigab e wording to refle Remedy MD sublayers pr	Response Status W IN PRINCIPLE. 802.3ck P41 Huawei Comment Status D it Ethernet operates over c ect that. Append the sente rovide point-to-point 100, 2	L11 one fiber, 200 over ince with ", respect	# <u>137</u> Bucke two, and 400 over four. ively". bit Ethernet links over one
167.5. Proposed I PROP TP3 is text is CI <b>167</b> Ran, Adee Comment It is un 100GE Suggested Either	1, not at the MDI". Response OSED REJECT. "at the output of th appropriate. SC 167.10.3.1 Type T Inclear why there an BASE-VR1 MDIS. IRemedy add text and a dia	Response Status W he fiber optic cabling at the l P63 Cisco Comment Status D re no optical lane assignment	MDI" and not the	MDI itself. The current # <u>134</u> <i>Bucket</i> BASE-VR1 and	related Proposed I PROPO Remov Cl 167 Brown, Mat Comment T Presun Chang Suggested "The P two, or	e 167-1 and Tat editor's notes. Response DSED ACCEPT re references to SC 167.1 tt Fype E nably 100 Gigab e wording to refle Remedy MD sublayers pr	Response Status W IN PRINCIPLE. 802.3ck P41 Huawei Comment Status D it Ethernet operates over c ect that. Append the sente	L11 one fiber, 200 over ince with ", respect	# <u>137</u> Bucke two, and 400 over four. ively". bit Ethernet links over one
167.5. Proposed I PROP TP3 is text is CI 167 Ran, Adee Comment It is un 100GE Suggested Either	1, not at the MDI". Response OSED REJECT. "at the output of th appropriate. SC 167.10.3.1 Type T Inclear why there and BASE-VR1 MDIS. IRemedy add text and a diat to explain why the	Response Status W he fiber optic cabling at the I P63 Cisco Comment Status D re no optical lane assignment	MDI" and not the	MDI itself. The current # <u>134</u> <i>Bucket</i> BASE-VR1 and	related Proposed I PROPO Remov Cl 167 Brown, Mat Comment T Presun Chang Suggested "The P two, or	e 167-1 and Tat editor's notes. Response DSED ACCEPT re references to SC 167.1 tt Type E nably 100 Gigab e wording to refle Remedy MD sublayers pr four pairs of mu ge 43 line 2.	Response Status W IN PRINCIPLE. 802.3ck P41 Huawei Comment Status D it Ethernet operates over c ect that. Append the sente rovide point-to-point 100, 2	L11 one fiber, 200 over ince with ", respect	# <u>137</u> Bucke two, and 400 over four. ively". bit Ethernet links over one
167.5. Proposed I PROP TP3 is' text is CI <b>167</b> Ran, Adee Comment It is un 100GE Suggested Either NOTE Proposed I PROP	1, not at the MDI". Response OSED REJECT. "at the output of th appropriate. SC 167.10.3.1 Type T Iclear why there and BASE-VR1 MDIS. IRemedy add text and a diat to explain why the Response OSED REJECT.	Response Status W he fiber optic cabling at the l P63 Cisco Comment Status D re no optical lane assignment agram for the single-lane ME	MDI" and not the	MDI itself. The current # <u>134</u> <i>Bucket</i> BASE-VR1 and	related Proposed I PROPO Remov Cl 167 Brown, Mat Comment T Presun Chang Suggested "The P two, or and pa Proposed I PROPO	e 167-1 and Tat editor's notes. Response DSED ACCEPT re references to SC 167.1 tt Type E nably 100 Gigab e wording to refle Remedy MD sublayers pr four pairs of mu ge 43 line 2.	Response Status W IN PRINCIPLE. 802.3ck P41 Huawei Comment Status D it Ethernet operates over of ect that. Append the sente rovide point-to-point 100, 2 Itimode fiber, respectively. Response Status W IN PRINCIPLE.	L11 one fiber, 200 over ince with ", respect	# <u>137</u> Bucke two, and 400 over four. ively". bit Ethernet links over one

 I YPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 Comment ID 137
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 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 11/8/2021 9:09

 SORT ORDER: Comment ID
 D

11/8/2021 9:09:04 AM

C/ 80	SC 80.1.4	P <b>27</b>	L15	# 138	C/ 91	SC 91.7.3	P <b>32</b>	L <b>5</b>	# 141
Brown, Ma	att	Huawei			Brown, Matt		Huawei		
Comment	Туре Е	Comment Status D		Bucket	Comment Typ	e E	Comment Status D		Bucke
		vn with insertion mark-up with not "insert" and no further de			Since the verbose.	changes are	clearly shown with insert mar	k-up the instruc	tion is unecessarily
Suggested	Remedy				SuggestedRe	medy			
Chang	ge the instruction	to: "Change Table 80-1 as fo	llows (some uncl	hanged rows not shown)'	•	ne instruction	to: "Change the table in 91.7.	.3 as follows (so	ome unchanged rows not
Proposed I	Response	Response Status W			shown)"		_		
		IN PRINCIPLE.			Proposed Res	•	Response Status W		
Make t	this change to e	diting instructions				editing instruct	IN PRINCIPLE.		
C/ 80	SC 80.4	P <b>28</b>	L <b>47</b>	# 139		-			# 440
Brown, Ma	att	Huawei				SC 91.7.4.1	P33	L <b>4</b>	# 142
comment 3	Туре Е	Comment Status D		Bucket	Brown, Matt		Huawei		
		vn with insertion mark-up with			Comment Typ		Comment Status D		Bucke
instruc	ction is "change"	not "insert" and no further de	tails are required		Since the	changes are	clearly shown with insert mar	'k-up the instruc	tion is unecessarily
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00	Remedy				verbose.	medy			
00	Remedy	to: "Change Table 80-6 as fo			SuggestedRe	,	to: "Change the table in 01 7	4 1 as follows (	some unchanged rows n
Suggested Chang Proposed I	<i>Remedy</i> ge the instruction				SuggestedRe Change th	ne instruction	to: "Change the table in 91.7. table in 91.7.4.2.	.4.1 as follows (	some unchanged rows n
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Chang Proposed I PROP Make t C/ <b>80</b> Brown, Ma	Remedy ge the instruction Response OSED ACCEPT this change to ea SC 80.4	to: "Change Table 80-6 as fo <i>Response Status</i> <b>W</b> IN PRINCIPLE. diting instructions P28	ollows (some uncl	hanged rows not shown)'	SuggestedRe Change th shown)". S Proposed Res PROPOS Simplify e	ne instruction Same for the sponse ED ACCEPT diting instruc	table in 91.7.4.2. <i>Response Status</i> <b>W</b> IN PRINCIPLE. tions	Ň	
Chang Proposed I PROPO Make t CI <b>80</b> Brown, Ma Comment	Remedy ge the instruction Response OSED ACCEPT this change to ea SC 80.4	to: "Change Table 80-6 as fo <i>Response Status</i> <b>W</b> TIN PRINCIPLE. diting instructions <i>P</i> 28 Huawei <i>Comment Status</i> <b>D</b>	ollows (some uncl	hanged rows not shown)' # 140	SuggestedRei Change th shown)". S Proposed Res PROPOS Simplify e	ne instruction Same for the sponse ED ACCEPT diting instruct SC <b>116.1.3</b>	table in 91.7.4.2. <i>Response Status</i> <b>W</b> IN PRINCIPLE. tions <i>P</i> 35	Ň	# [ <u>143</u>
Chang Proposed I PROPO Make t Cl 80 Brown, Ma Comment	Remedy ge the instruction Response OSED ACCEPT this change to ea SC 80.4 att Type E n row has think b	to: "Change Table 80-6 as fo <i>Response Status</i> <b>W</b> TIN PRINCIPLE. diting instructions <i>P</i> 28 Huawei <i>Comment Status</i> <b>D</b>	ollows (some uncl	hanged rows not shown)' # 140	SuggestedRe Change th shown)". S Proposed Res PROPOS Simplify e C/ 116 Brown, Matt Comment Typ	ne instruction Same for the sponse ED ACCEPT diting instruct SC <b>116.1.3</b> De <b>E</b>	table in 91.7.4.2. <i>Response Status</i> <b>W</b> IN PRINCIPLE. tions <i>P</i> 35 Huawei	L21	# <u>143</u> Bucke
Chang Proposed I PROPO Make t CI 80 Brown, Ma Comment Bottom Suggested	Remedy ge the instruction Response OSED ACCEPT this change to ea SC 80.4 att Type E n row has think b	to: "Change Table 80-6 as for Response Status W TIN PRINCIPLE. diting instructions P28 Huawei Comment Status D border at top.	ollows (some uncl	hanged rows not shown)' # 140	SuggestedRe Change th shown)". S Proposed Res PROPOS Simplify e Cl 116 Brown, Matt Comment Typ Why not s	ne instruction Same for the sponse ED ACCEPT diting instruct SC <b>116.1.3</b> De <b>E</b>	table in 91.7.4.2. <i>Response Status</i> <b>W</b> IN PRINCIPLE. tions <i>P</i> 35 Huawei <i>Comment Status</i> <b>D</b> convention you've used in oth	L21	# [ <u>143</u> Bucke
Chang Proposed I PROP Make t C/ 80 Brown, Ma Comment 7 Bottom Suggested Chang	Remedy ge the instruction Response OSED ACCEPT this change to ea SC 80.4 att Type E n row has think b IRemedy	to: "Change Table 80-6 as for Response Status W TIN PRINCIPLE. diting instructions P28 Huawei Comment Status D border at top.	ollows (some uncl	hanged rows not shown)' # 140	SuggestedRe Change th shown)". S Proposed Res PROPOS Simplify e Cl 116 Brown, Matt Comment Typ Why not s	ne instruction Same for the sponse ED ACCEPT diting instruct SC <b>116.1.3</b> De <b>E</b> stick with the ing unchange	table in 91.7.4.2. <i>Response Status</i> <b>W</b> IN PRINCIPLE. tions <i>P</i> 35 Huawei <i>Comment Status</i> <b>D</b> convention you've used in oth	L21	# <u>143</u> Bucke
Chang Proposed I PROPU Make t CI 80 Brown, Ma Comment 7 Bottom Suggested Chang Proposed I PROPU	IRemedy ge the instruction Response OSED ACCEPT this change to ea SC 80.4 att Type E n row has think b IRemedy ge top border to "	to: "Change Table 80-6 as for <i>Response Status</i> <b>W</b> "IN PRINCIPLE. diting instructions <i>P</i> 28 Huawei <i>Comment Status</i> <b>D</b> border at top. 'very thin". <i>Response Status</i> <b>W</b>	ollows (some uncl	hanged rows not shown)' # 140	SuggestedRea Change th shown)". S Proposed Res PROPOS Simplify e Cl 116 Brown, Matt Comment Typ Why not s surroundii SuggestedRea Change th shown)". U	ne instruction Same for the sponse ED ACCEPT diting instruct SC 116.1.3 SC 116.1.3 be E stick with the ing unchanged medy ne instruction Underline tex	table in 91.7.4.2. <i>Response Status</i> <b>W</b> IN PRINCIPLE. tions <i>P</i> 35 Huawei <i>Comment Status</i> <b>D</b> convention you've used in oth	L21 er tables and us follows (some un	# [ <u>143</u> Bucke se change mark-up and nchanged rows not ding unchanged rows.
Chang Proposed I PROP Make t Cl 80 Brown, Ma Comment 7 Bottom Suggested Chang Proposed I PROP	IRemedy ge the instruction Response OSED ACCEPT this change to ea SC 80.4 att Type E n row has think b IRemedy ge top border to " Response OSED ACCEPT	to: "Change Table 80-6 as for <i>Response Status</i> <b>W</b> "IN PRINCIPLE. diting instructions <i>P</i> 28 Huawei <i>Comment Status</i> <b>D</b> border at top. 'very thin". <i>Response Status</i> <b>W</b>	ollows (some uncl	hanged rows not shown)' # 140	SuggestedRea Change th shown)". S Proposed Res PROPOS Simplify e Cl 116 Brown, Matt Comment Typ Why not s surroundii SuggestedRea Change th shown)". U	he instruction Same for the sponse ED ACCEPT diting instruct SC 116.1.3 De E stick with the end of the instruction Underline tex other amende	table in 91.7.4.2. <i>Response Status</i> <b>W</b> IN PRINCIPLE. tions <i>P</i> 35 Huawei <i>Comment Status</i> <b>D</b> convention you've used in oth d text? to: "Change Table 116-1 as f t in new rows and add preced	L21 er tables and us follows (some un	# <u>143</u> Bucke se change mark-up and nchanged rows not ding unchanged rows.

C/ 116	SC 116.1.3	P35	L <b>41</b>	# 144	C/ 167	SC ·
Brown, Mat	t	Huawei			Brown, Mat	t
Comment 7	Гуре Е	Comment Status D		Bucket	Comment T	уре
		wn with insertion mark-up with			The wo	rd "mu
	•	" not "insert" and no further det	tails are required		SuggestedF	Remed
Suggested					Change	
Change shown)	e the instruction ". Similar for T	n to: "Change Table 116-2 as f able 116.4.	ollows (some un	changed rows not	the imp the corr	
Proposed F	Response	Response Status W			Proposed R	Respon
	OSED ACCEP	T IN PRINCIPLE. ctions			PROPC Implem	
C/ 167	SC 167.1	P <b>41</b>	L <b>51</b>	# 145	C/ 167	SC
Brown, Mat	t	Huawei			Brown, Mat	t
Comment 7	Гуре Е	Comment Status D		Bucket	Comment T	уре
		is context is deprecated.			The wo been ac	
Suggested					SuggestedF	
Howev	er, if the CGMI	in Table 167-1 and Table 167- I is not implemented, a conform			Expung	
	•	CGMII were present."			Proposed R	Respon
Proposed F		Response Status W			PROPC	
		in line with 802.3dc D2.1			Remove	e "mus
C/ 167	SC 167.8.1.	.1 <i>P</i> 55	L33	# 146	C/ 167	SC
			233	# 140	Stassar, Pe	ter
Brown, Mat		Huawei		Durley	Comment T	уре
Comment 7	51	Comment Status D		Bucket	Missing	em da
		is context is deprecated.			SuggestedF	Remed
Suggested		landa a sa shadhaa <b>ilif</b> aa kul			Add em	ı dash
		lowing or similar: "If each lane lanes, and the BER for that stre			Proposed R	Respon
Proposed F		Response Status W			PROPC Add em	

PROPOSED ACCEPT IN PRINCIPLE. Implement with editorial license.

,				
Comment Ty	vpe E	Comment Status D		Bucke
The wor	d "must" in this	context is deprecated.		
SuggestedR	emedy			
the impa	act of the samp	wing or similar: "If an equivale ling process and the fiber emo of noise is present at the outp	ulation is also co	mpensated for, so that
Proposed Re	esponse	Response Status W		
	SED ACCEPT ent with editoria	IN PRINCIPLE. Il license.		
C/ 167	SC 167.3.2	P <b>45</b>	L <b>26</b>	# 148
Brown, Matt		Huawei		
Comment Ty	/pe E	Comment Status D		Bucke
		context is deprecated. For si nments against 802.3dc D2.0		
SuggestedR	emedy			
Expunge	e "must" as dor	ne in similar clauses in 802.3d	c D2.1. Also in 1	67.5.3
Proposed Re	esponse	Response Status W		
		IN PRINCIPLE. I line with 802.3dc D2.1		
C/ 167	SC 167.1	P <b>43</b>	L <b>32</b>	# 149
Stassar, Pete	er	Huawei		
Comment Ty Missing	•	Comment Status D een "FIBER" and "50 m" & "10	0 m"	Bucke
SuggestedR	emedy			

P**56** 

Huawei

L37

# 147

Add em dash plus 2 spaces between "FIBER" and "50 m", and between "FIBER" and "100 m"

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE. Add em dash

167.8.5

C/ 167 S	SC 167.3.2.1	P <b>45</b>	L <b>30</b>	# 150	C/ 167 SC 167.8.1	.1 P55	L <b>28</b>	# 153
Stassar, Peter		Huawei			Stassar, Peter	Huawei		
Comment Type Unnecessa		Comment Status D ubclause 167.3.2.1		Bucket	Comment Type ER Wrong cross reference	Comment Status <b>D</b>		Bucket
SuggestedRen Move cont	•	.1 to 167.3.2 and remove h	eading of 167.3.	2.1	SuggestedRemedy Change cross referer	nce "Figure 167.1.1" to section "·	167.1.1"	
	ED ACCEPT IN	Response Status W I PRINCIPLE. nd make changes to be con	sistent with prev	ious clauses	Proposed Response PROPOSED ACCEP	Response Status W T.		
C/ 167 S	C 167.5.1	P <b>46</b>	L <b>40</b>	# 151	C/ 1 SC 1.4.103	a P18	L <b>28</b>	# 154
Stassar, Peter		Huawei	- 10		Dudek, Mike	Marvell		
Comment Type	e ER	Comment Status D		Bucket	Comment Type <b>T</b> 200GBASE-SR2 sho	Comment Status D uld use 200GBASE-R encoding		Bucket
100GBASI	E-VR1 and 100	liagrams for 200GBASE-VR IGBASE-SR1 are equivalen spectively." is ambiguous			SuggestedRemedy Change 100GBASE_	R to 200GBase R.		
equivalent	ording to "The to Figure 167-	block diagrams for 200GBA -2, but for two lanes per dire )GBASE-SR1 are equivalen	ction. The block	diagrams for	Proposed Response PROPOSED ACCEP Change to 200GBAS See response to com	E-R encoding.		
Proposed Res	oonse	Response Status W			C/ 1 SC 1.4.103	a P18	L <b>34</b>	# 155
PROPOSE	ED ACCEPT IN	I PRINCIPLE.			Dudek, Mike	Marvell		
Make this	change				Comment Type T	Comment Status D		Bucket
C/ 167 S	SC 167.7	P <b>50</b>	L <b>9</b>	# 152	200GBASE-VR2 sho	uld use 200GBASE-R encoding		
Stassar, Peter		Huawei			SuggestedRemedy			
Comment Type	e ER	Comment Status D		Bucket	Change 100GBASE	R to 200GBase R.		
	mma after 200	GBASE-SR2			Proposed Response	Response Status W		
51								
Missing co SuggestedRen					PROPOSED ACCEP Change to 200GBAS See response to com	E-R encoding.		

C/ 1	SC 1.4.103a	P <b>18</b>	L <b>40</b>	# 156	C/ 116 SC 116.1.2	P <b>35</b>	L16	# 159
Dudek, Mil	ke	Marvell			Dudek, Mike	Marvell		
Comment 400GE	51	Comment Status D use 400GBASE-R encoding		Bucket	Comment Type E With only 2 items "all"	Comment Status <b>D</b> isn't appropriate "both" is bett	er	Bucket
Suggested Chang	lRemedy je 100GBASE_R t	o 400GBase R.			SuggestedRemedy Change "all" to "both"			
Chang	Response OSED ACCEPT I je to 400GBASE-F esponse to comme	R encoding.			Proposed Response PROPOSED ACCEPT Replace "all" with "eac			
	•				C/ 116 SC 116.4	P <b>38</b>	L18	# 160
C/ 1	SC 1.4.103a	P <b>18</b>	L <b>46</b>	# 157	Dudek, Mike	Marvell		
Dudek, Mil		Marvell			Comment Type E	Comment Status D		Bucket
Comment		Comment Status D		Bucket	The format of the Max	bit times isn't consitent in the	same table	
400GE	BASE-VR2 should	use 400GBASE-R encoding			SuggestedRemedy			
Suggested Chang	<i>IRemedy</i> je 100GBASE_R t	o 400GBase R.			Remove the space in ' the other lines aren't s	'4 096" also on line 19.   The s hown	same issue may e	exist in Table 116-7 but
Proposed	Response	Response Status W			Proposed Response	Response Status W		
Chang	OSED ACCEPT I le to 400GBASE-F	R encoding.			PROPOSED ACCEPT Add space on rows ab			
See re	esponse to comme	ent #221.			C/ 167 SC 167.1	P <b>41</b>	L <b>29</b>	# 161
C/ 91	SC 91.6.3	P <b>31</b>	L <b>4</b>	# 158	Dudek, Mike	Marvell		
Dudek, Mil	ke	Marvell			Comment Type E	Comment Status D		Bucket
Comment	Type E	Comment Status D		Bucket	In table 167-1 Clause	91 is out of order compared w	ith table 140-1 in	802.3dc
This m	ay be a problem v	with 802.3dc but "PMDs." sho	uld not be after DF	R	SuggestedRemedy			
Suggested	lRemedy				Move clause 91 after of	clause 83		
Delete	PMDs on row 4				Proposed Response	Response Status W		
		Desmanas Clature M			PROPOSED ACCEPT	,		
Proposed	Response	Response Status W			PROPOSED AUUPPT			

C/ 167 SC 167.1.1	P <b>43</b>	L <b>43</b>	# 162	CI 167 SC 167.8.5	5.1 P57	L15	# 165
Dudek, Mike	Marvell			Dudek, Mike	Marvell		
•	Comment Status <b>D</b> e. 1.4.303 is the "end of packe	et de-limiter".	Bucket	Comment Type <b>T</b> The sentence isn't pr shown in Figure 167-	Comment Status <b>D</b> recisely stating that the referer	nce equalizer has	<i>Bucke</i> 9 taps (just that 9 taps a
SuggestedRemedy Change 1.4.303 to 1.4	.344 . Also on line 52			SuggestedRemedy			
Proposed Response PROPOSED ACCEPT Fix this cross reference				Change to "A functio Proposed Response PROPOSED ACCEF Implement with edito		equalizer is snow	vn"
C/ 167 SC 167.5.1	P <b>46</b>	L <b>47</b>	# 163	·		1.40	# 400
Dudek, Mike	Marvell			C/ 167 SC 167.8.6		L <b>42</b>	# 166
Comment Type E	Comment Status D		Bucket	Dudek, Mike	Marvell Comment Status D		Duale
missing words.				Comment Type TR	is now the first filter not the se	cond	Bucke
SuggestedRemedy						cond	
,				SuggestedRemedy			
167.7.1	e made" to "defined in this cla	use are made" o	r add cross reference to	Change "except that	the second filter representing filter representing the dispersion		
	Response Status W IN PRINCIPLE.	use are made" o	r add cross reference to	Change "except that	filter representing the dispersion Response Status W		
167.7.1 Proposed Response PROPOSED ACCEPT Add cross reference to	Response Status W IN PRINCIPLE.	use are made" o	r add cross reference to # 164	Change "except that "except that the first Proposed Response	filter representing the dispers Response Status W PT.		
167.7.1 Proposed Response PROPOSED ACCEPT Add cross reference to Cl 167 SC 167.5.1	Response Status W IN PRINCIPLE. 168.8.			Change "except that "except that the first Proposed Response PROPOSED ACCEP	filter representing the dispers Response Status W PT.	ion of the fiber is o	omitted"
167.7.1 Proposed Response PROPOSED ACCEPT Add cross reference to Cl 167 SC 167.5.1 Dudek, Mike	Response Status W IN PRINCIPLE. 168.8. P <b>47</b>			Change "except that "except that the first Proposed Response PROPOSED ACCEF Cl 167 SC 167.8.7	filter representing the dispersive <i>Response Status</i> <b>W</b> PT.	ion of the fiber is o	omitted"
167.7.1 Proposed Response PROPOSED ACCEPT Add cross reference to Cl 167 SC 167.5.1 Dudek, Mike	Response Status W IN PRINCIPLE. 168.8. P <b>47</b> Marvell		# 164	Change "except that "except that the first Proposed Response PROPOSED ACCEF Cl 167 SC 167.8.7 Dudek, Mike Comment Type T With TDECQ always	filter representing the dispersive Response Status W PT. P57 P57 Marvell Comment Status D having a narrower bandwidth	ion of the fiber is o <i>L</i> 50 filter than TECQ i	# 167 <i>Bucke</i> t is extremely unlikely to
167.7.1 Proposed Response PROPOSED ACCEPT Add cross reference to Cl 167 SC 167.5.1 Dudek, Mike Comment Type E missing words. SuggestedRemedy Change "defined in area	Response Status W IN PRINCIPLE. 168.8. P47 Marvell	L1	# 164 Bucket	Change "except that "except that the first Proposed Response PROPOSED ACCEF Cl 167 SC 167.8.7 Dudek, Mike Comment Type T With TDECQ always have larger overshood	filter representing the dispersing the dispersion of the dispersio	ion of the fiber is o <i>L</i> 50 filter than TECQ i with the waveform	# 167 <i>Bucke</i> t is extremely unlikely to a captured for TDECQ
167.7.1 Proposed Response PROPOSED ACCEPT Add cross reference to Cl 167 SC 167.5.1 Dudek, Mike Comment Type E missing words. SuggestedRemedy Change "defined in are 167.7.2	Response Status W IN PRINCIPLE. 168.8. P47 Marvell Comment Status D	L1	# 164 Bucket	Change "except that "except that the first Proposed Response PROPOSED ACCEF Cl 167 SC 167.8.7 Dudek, Mike Comment Type T With TDECQ always have larger overshoo unnecesary. (Note f	filter representing the dispersing the dispersion of the dispersio	ion of the fiber is o <i>L</i> 50 filter than TECQ i with the waveform	# 167 <i>Bucke</i> t is extremely unlikely to a captured for TDECQ
167.7.1 Proposed Response PROPOSED ACCEPT Add cross reference to CI 167 SC 167.5.1 Dudek, Mike Comment Type E missing words. SuggestedRemedy Change "defined in are	Response Status W IN PRINCIPLE. 168.8. P47 Marvell Comment Status D e made" to "defined in this cla Response Status W IN PRINCIPLE.	L1	# 164 Bucket	Change "except that "except that the first Proposed Response PROPOSED ACCEF Cl 167 SC 167.8.7 Dudek, Mike Comment Type T With TDECQ always have larger overshoot unnecesary. (Note find increase the overshoot SuggestedRemedy Change "Overshoot at TDECQ test (see 16) the waveform capture being applied in each case." to "Overshoot and under	filter representing the dispersing the dispersion of the dispersio	<i>L</i> 50 <i>L</i> 50 filter than TECQ i with the waveform de where the fiber using the wavefo (.8.6), but without waveform capt	# 167 Bucket t is extremely unlikely to a captured for TDECQ dispersion can reduce of rm captured for the the reference equalizer
167.7.1 Proposed Response PROPOSED ACCEPT Add cross reference to Cl 167 SC 167.5.1 Dudek, Mike Comment Type E missing words. SuggestedRemedy Change "defined in are 167.7.2 Proposed Response PROPOSED ACCEPT	Response Status W IN PRINCIPLE. 168.8. P47 Marvell Comment Status D e made" to "defined in this cla Response Status W IN PRINCIPLE.	L1	# 164 Bucket	Change "except that "except that the first Proposed Response PROPOSED ACCEF Cl 167 SC 167.8.7 Dudek, Mike Comment Type T With TDECQ always have larger overshoot unnecesary. (Note find increase the overshoot SuggestedRemedy Change "Overshoot at TDECQ test (see 16) the waveform capture being applied in each case." to "Overshoot and under	filter representing the dispersing the dispersing the dispersion of the dispersion o	<i>L</i> 50 <i>L</i> 50 filter than TECQ i with the waveform de where the fiber using the wavefo (.8.6), but without waveform capt	# 167 Bucket t is extremely unlikely to a captured for TDECQ dispersion can reduce of rm captured for the the reference equalizer

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 167	SC	167.8.7	P <b>57</b>	L <b>53</b>	# 168	C/ 116	SC 116.2.5	P38
Dudek, M	like		Marvell			Slavick, Je	eff	Broadcom
Comment	t Type	т	Comment Status D		Bucket	Comment	Type <b>TR</b>	Comment Status D
	er wordir 58 line		used as 140.7.7 uses a diffe	erent hit ratio. M	lake a similar change on		5 lists the clause e 167 in that list.	es that provide the definition fo
Suggeste	edReme	dy				Suggested	Remedy	
			nods in 140.7.7 with the hit ra t ratio of 3E-3 is used"	itio of 3E-3" to "u	sing the methods in	Add C Proposed		ne last paragraph for 116.2.5 f
Proposed	d Respo	nse	Response Status W				•	Response Status W
		ACCEPT I	N PRINCIPLE. license.					bh and editing instructions as
C/ 167	50	167.8.13	P <b>59</b>	L13	# 169	C/ 80	SC 80.1.1	P <b>28</b>
		107.0.13		L 13	# 109	Slavick, Je	eff	Broadcom
Dudek, M		-	Marvell		Duratest	Comment	Type <b>TR</b>	Comment Status D
Comment		T	Comment Status D		Bucket	100GA	AUI-1 is missing	from Table 80-5, but is preser
	u is not							
differe	ent asp				described. Also two	Suggestea	Remedy	
differe Suggeste	•	ects are co	mbined in one bullet.		described. Also two	00	,	o Table 80-5 with the same ed
<i>Suggeste</i> Make no gro Make	edReme e one bu reater th e the se	ects are co dy ullet "The s ian the valu cond bullet	mbined in one bullet. stressed receiver conformance specified in Table 167-7" "The SECQ of the stressed	ce test signal has recevier conforn	s a transition time that is nance test signal is equal	Add 12 Proposed PROP	20F and 120G to Response	Response Status W
Suggeste Make no gro Make to the	edReme e one bu reater th e the sec e value o	ects are co dy ullet "The s an the valu cond bullet of the TEC(	mbined in one bullet. stressed receiver conformance specified in Table 167-7"	ce test signal has recevier conform codring to 167.8.	s a transition time that is nance test signal is equal	Add 12 Proposed PROP	20F and 120G to <i>Response</i> OSED ACCEPT	Response Status W
Suggeste Make no gro Make to the	edReme e one bu reater th e the sec e value er and v	ects are co dy lilet "The s lan the valu cond bullet of the TEC variable refl	mbined in one bullet. stressed receiver conformance specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acc	ce test signal has recevier conform codring to 167.8.	s a transition time that is nance test signal is equal	Add 12 Proposed PROP Remov	20F and 120G to Response OSED ACCEPT ve references to SC <b>116.1.4</b>	Response Status W IN PRINCIPLE. 802.3ck
Suggeste Make no gru Make to the splitte Proposed PROF	edReme e one bu reater th e the sec value o er and v d Respo POSED	ects are co dy ullet "The s an the valu cond bullet of the TEC( variable refi- nse ) ACCEPT 1	mbined in one bullet. stressed receiver conformance specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acce ector shown in Figure 121-4 <i>Response Status</i> <b>W</b> IN PRINCIPLE.	ce test signal has recevier conform codring to 167.8.	s a transition time that is nance test signal is equal	Add 12 Proposed A PROP Remov	20F and 120G to Response OSED ACCEPT ve references to SC <b>116.1.4</b>	Response Status W IN PRINCIPLE. 802.3ck P <b>36</b>
Suggeste Make no gru Make to the splitte Proposed PROF	edReme e one bu reater th e the sec value o er and v d Respo POSED	ects are co dy ullet "The s an the valu cond bullet of the TEC( variable refl onse	mbined in one bullet. stressed receiver conformance specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acce ector shown in Figure 121-4 <i>Response Status</i> <b>W</b> IN PRINCIPLE.	ce test signal has recevier conform codring to 167.8.	s a transition time that is nance test signal is equal	Add 12 Proposed PROP Remov C/ 116 Slavick, Je Comment	20F and 120G to Response OSED ACCEPT ve references to SC <b>116.1.4</b> off Type <b>TR</b>	Response Status W IN PRINCIPLE. 802.3ck P36 Broadcom
Suggeste Make no gr Make to the splitte Proposed PROF Imple	edReme e one bu eater the e the see e value of er and v d Respo POSED ement w	ects are co dy ullet "The s an the valu cond bullet of the TEC( variable refi- nse ) ACCEPT 1	mbined in one bullet. stressed receiver conformance specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acce ector shown in Figure 121-4 <i>Response Status</i> <b>W</b> IN PRINCIPLE. license.	ce test signal has recevier conform codring to 167.8.	s a transition time that is nance test signal is equal	Add 12 Proposed A PROP Remov Cl <b>116</b> Slavick, Je Comment 200GA	20F and 120G to Response OSED ACCEPT ve references to SC 116.1.4 off Type TR AUI-2 is missing	Response Status W TIN PRINCIPLE. 802.3ck P36 Broadcom Comment Status D
Suggeste Make no gru Make to the splitte Proposed PROF	edReme e one bureater the e the series value of er and v d Respo POSED ement w	ects are co dy Illet "The s an the valu cond bullet of the TEC( variable refi- onse 0 ACCEPT I vith editorial	mbined in one bullet. stressed receiver conformance specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acce ector shown in Figure 121-4 <i>Response Status</i> <b>W</b> IN PRINCIPLE. license.	ce test signal has recevier conform codring to 167.8.0 are omitted.	s a transition time that is nance test signal is equal 5 except that the optical	Add 12 Proposed A PROP Remov C/ 116 Slavick, Je Comment 200GA Suggested	20F and 120G to Response OSED ACCEPT ve references to SC 116.1.4 off Type TR AUI-2 is missing IRemedy	Response Status W TIN PRINCIPLE. 802.3ck P36 Broadcom Comment Status D
Suggeste Make no gru Make to the splitte Proposed PROF Imple Cl <b>167</b>	edReme e one bu eater the e the sec e value o er and v d Respo POSED ement w SC	ects are co dy Illet "The s an the valu cond bullet of the TEC( variable refi- onse 0 ACCEPT I vith editorial	mbined in one bullet. stressed receiver conformance the specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acce ector shown in Figure 121-4 <i>Response Status</i> W IN PRINCIPLE. license. B P69	ce test signal has recevier conform codring to 167.8.0 are omitted.	s a transition time that is nance test signal is equal 5 except that the optical	Add 12 Proposed PROP Remov C/ <b>116</b> Slavick, Je Comment 200GA Suggested Add 12	20F and 120G to Response OSED ACCEPT ve references to SC 116.1.4 off Type TR AUI-2 is missing IRemedy 20F and 120G to	Response Status W IN PRINCIPLE. 802.3ck P36 Broadcom Comment Status D from Table 116-4, but is present p Table 116-4 with the same e
Suggeste Make no gr Make to the splitte Proposed PROF Imple Cl 167 Dudek, M Comment	edReme e one bu eater the e the sec e value o er and v d Respo POSED ement w SC	ects are co dy Illet "The s an the valu cond bullet of the TEC( variable refi- onse 0 ACCEPT 1 vith editorial 167.11.4.3	mbined in one bullet. stressed receiver conformance the specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acceler ector shown in Figure 121-4. <i>Response Status</i> W IN PRINCIPLE. license. <b>P69</b> Marvell	ce test signal has recevier conform codring to 167.8.0 are omitted.	a transition time that is nance test signal is equal 6 except that the optical # 170	Add 12 Proposed PROP Remov C/ <b>116</b> Slavick, Je Comment 200GA Suggested Add 12 Proposed	20F and 120G to Response OSED ACCEPT ve references to SC 116.1.4 eff Type TR AUI-2 is missing IRemedy 20F and 120G to Response	Response Status W IN PRINCIPLE. 802.3ck P36 Broadcom Comment Status D from Table 116-4, but is prese
Suggeste Make no gr Make to the splitte Proposed PROF Imple Cl 167 Dudek, M Comment Missin	edReme e one bu reater the e the sele e value of er and v d Respo POSED ement w SC like t Type ing refer	ects are co dy ullet "The s an the valu cond bullet of the TECC variable reflu- mse 0 ACCEPT I vith editorial 167.11.4.3 E rences	mbined in one bullet. stressed receiver conformance the specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acceler ector shown in Figure 121-4. <i>Response Status</i> W IN PRINCIPLE. license. <b>P69</b> Marvell	ce test signal has recevier conform codring to 167.8.0 are omitted.	a transition time that is nance test signal is equal 6 except that the optical # 170	Add 12 Proposed PROP Remov C/ 116 Slavick, Je Comment 200GA Suggested Add 12 Proposed PROP	20F and 120G to Response OSED ACCEPT ve references to SC 116.1.4 eff Type TR AUI-2 is missing IRemedy 20F and 120G to Response	Response Status W IN PRINCIPLE. 802.3ck P36 Broadcom Comment Status D from Table 116-4, but is prese p Table 116-4 with the same e Response Status W IN PRINCIPLE.
Suggeste Make no gru Make to the splitte Proposed PROF Imple Cl 167 Dudek, M Comment Missin Suggeste	edReme e one bu reater the e the set e value of er and v d Respo POSED ement w SC like t Type ing refer	ects are co dy ullet "The s an the valu cond bullet of the TECC variable reflu- mse 0 ACCEPT I vith editorial 167.11.4.3 E rences dy	mbined in one bullet. stressed receiver conformance the specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acceler ector shown in Figure 121-4. <i>Response Status</i> W IN PRINCIPLE. license. <b>P69</b> Marvell	ce test signal has recevier conform codring to 167.8. are omitted.	a transition time that is nance test signal is equal 6 except that the optical # 170	Add 12 Proposed PROP Remov C/ 116 Slavick, Je Comment 200GA Suggested Add 12 Proposed PROP	20F and 120G to Response OSED ACCEPT ve references to SC 116.1.4 eff Type TR AUI-2 is missing IRemedy 20F and 120G to Response OSED ACCEPT	Response Status W IN PRINCIPLE. 802.3ck P36 Broadcom Comment Status D from Table 116-4, but is prese p Table 116-4 with the same e Response Status W IN PRINCIPLE.
Suggeste Make no gr Make to the splitte Proposed PROF Imple Cl 167 Dudek, M Comment Missii Suggeste Chan	edReme e one bu eater the e the see e value of er and v d Respo POSED ement w SC like t Type ing refer edReme nge to "F	ects are co dy ullet "The s ian the value cond bullet of the TEC( variable refl- wise 0 ACCEPT I ACCEPT I 167.11.4.3 E rences dy Per definitio	<ul> <li>mbined in one bullet.</li> <li>stressed receiver conformance specified in Table 167-7"</li> <li>"The SECQ of the stressed Q of the signal measured acceleror shown in Figure 121-4.</li> <li><i>Response Status</i> W</li> <li>IN PRINCIPLE.</li> <li>license.</li> <li><i>P</i>69 Marvell</li> <li><i>Comment Status</i> D</li> </ul>	ce test signal has recevier conform codring to 167.8. are omitted.	a transition time that is nance test signal is equal 6 except that the optical # 170	Add 12 Proposed PROP Remov C/ <b>116</b> Slavick, Je Comment 200GA Suggested Add 12 Proposed PROP	20F and 120G to Response OSED ACCEPT ve references to SC 116.1.4 eff Type TR AUI-2 is missing IRemedy 20F and 120G to Response OSED ACCEPT	Response Status W IN PRINCIPLE. 802.3ck P36 Broadcom Comment Status D from Table 116-4, but is prese p Table 116-4 with the same e Response Status W IN PRINCIPLE.
Suggeste Make no gr Make to the splitte Proposed PROF Imple Cl 167 Dudek, M Comment Missii Suggeste Chan Proposed	edReme e one bu reater the e the series e value of er and v d Respo POSED ement w SC like t Type ing refer of Respo	ects are co dy ullet "The s an the valu cond bullet of the TEC( variable reflu- nse 0 ACCEPT I vith editorial tith editorial <b>E</b> rences dy Per definition	mbined in one bullet. stressed receiver conformance the specified in Table 167-7" "The SECQ of the stressed Q of the signal measured acce ector shown in Figure 121-4 <i>Response Status</i> W IN PRINCIPLE. license. 3 P69 Marvell <i>Comment Status</i> D	ce test signal has recevier conform codring to 167.8. are omitted.	a transition time that is nance test signal is equal 6 except that the optical # 170	Add 12 Proposed PROP Remov C/ <b>116</b> Slavick, Je Comment 200GA Suggested Add 12 Proposed PROP	20F and 120G to Response OSED ACCEPT ve references to SC 116.1.4 eff Type TR AUI-2 is missing IRemedy 20F and 120G to Response OSED ACCEPT	Response Status W IN PRINCIPLE. 802.3ck P36 Broadcom Comment Status D from Table 116-4, but is prese p Table 116-4 with the same e Response Status W IN PRINCIPLE.

Bucket for 200G and 400Gs PMDs. Need to for rate. s needed. L11 # 172 Bucket sent in Table 167-1 editors note that is after Table 167-1. L29 # 173 Bucket esent in Table 167-2 editors note that is after Table 167-2.

Comment ID 173

# 171

LO

67 SC 16	57.9.1	P <b>59</b>	L <b>54</b>	# 177
s, Jon		Dell Technolo	ogies	
ment Type <b>T</b>	TR Comme	ent Status D		Bucket
EC 60950-1 has	s been removed a	nd the updated re	eferences are in A	Annex J
lestedRemedy				
	to read "All equipm	nent that meets th	ne requirements o	of this standard shall
•				
		PLE.		
	-			
57 SC 16	57.11.4.5	P <b>70</b>	L <b>34</b>	# 178
s, Jon		Dell Technolo	ogies	
ment Type <b>T</b>	TR Comme	ent Status D		Bucket
EC 60950-1 has	s been removed a	nd the updated re	eferences are in A	Annex J
lestedRemedy				
Change to "Conf	forms to J.2"			
osed Response	e Respons	se Status W		
		PLE.		
Refer to Annex J	J			
57 SC 16	57.7.1	P <b>51</b>	L <b>30</b>	# 179
/, Ramana		Broadcom In	C.	
ment Type <b>1</b>	T Comme	ent Status X		
		le mode links (80	02.3cu) since the	receiver configuration is
-				
-	ot/undershoot (ma	v) as 20% at 3E	3 hit ratio (equiva	elent to 22% at 1E-2 hit
	· ·	x) as 2970 at 5L-		
osed Response	e Respons	se Status W		
, Review accompa				
1900 pFF-101 is no 1900 pFF-101 ty no 1 s s 19 s r p	ris, Jon ment Type IEC 60950-1 ha rgestedRemedy Change line 54 conform to J.2." posed Response PROPOSED AC Refer to Annex 167 SC 16 ris, Jon ment Type IEC 60950-1 ha rgestedRemedy Change to "Con posed Response PROPOSED AC Refer to Annex 167 SC 16 ty, Ramana ment Type The overshoot/u should use the similar, PIN-TIA rgestedRemedy Specify overshoc ratio, value in 80 posed Response	ris, Jon mment Type TR Comme IEC 60950-1 has been removed an rgestedRemedy Change line 54 to read "All equipm conform to J.2." posed Response Response PROPOSED ACCEPT IN PRINCIF Refer to Annex J 167 SC 167.11.4.5 ris, Jon mment Type TR Comme IEC 60950-1 has been removed an rgestedRemedy Change to "Conforms to J.2" posed Response Response PROPOSED ACCEPT IN PRINCIF Refer to Annex J 167 SC 167.7.1 ty, Ramana mment Type T Comme The overshoot/undershoot (max) v should use the same value as sing similar, PIN-TIA-FFE. rgestedRemedy Specify overshoot/undershoot (ma ratio, value in 802.3cu). posed Response Response	ris, Jon Dell Technolo nenent Type TR Comment Status D IEC 60950-1 has been removed and the updated re- rgestedRemedy Change line 54 to read "All equipment that meets the conform to J.2." posed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Refer to Annex J 167 SC 167.11.4.5 P70 ris, Jon Dell Technolo ment Type TR Comment Status D IEC 60950-1 has been removed and the updated re- rgestedRemedy Change to "Conforms to J.2" posed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Refer to Annex J 167 SC 167.7.1 P51 ty, Ramana Broadcom In ment Type T Comment Status X The overshoot/undershoot (max) value of 26% at 31 should use the same value as single mode links (80 similar, PIN-TIA-FFE. rgestedRemedy Specify overshoot/undershoot (max) as 29% at 3E- ratio, value in 802.3cu).	is, Jon       Dell Technologies         nment Type       TR       Comment Status       D         IEC 60950-1 has been removed and the updated references are in A         iggestedRemedy         Change line 54 to read "All equipment that meets the requirements of conform to J.2."         posed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE.         Refer to Annex J       PTO       L34         167       SC 167.11.4.5       PTO       L34         ris, Jon       Dell Technologies         nment Type       TR       Comment Status       D         IEC 60950-1 has been removed and the updated references are in A       ImagestedRemedy         Change to "Conforms to J.2"       D       IEC 60950-1 has been removed and the updated references are in A         IggestedRemedy       Change to "Conforms to J.2"       D         Change to "Conforms to J.2"       Posed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE.       Refer to Annex J       167       SC 167.7.1       P 51       L 30         ty, Ramana       Broadcom Inc.       Imment Type       T       Comment Status       X         The overshoot/undershoot (max) value of 26% at 3E-3 hit ratio in Ta should use the same value as single mode links (802.3cu) since the si

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C/ 167	SC 167.7.1	P <b>51</b>	L <b>32</b>	# 180	C/ 1	SC 1.4	P <b>18</b>	L <b>34</b>	# 183
Murty, Ra	amana	Broadcom Inc			Huber, To	om	Nokia		
Commen	t Type <b>T</b>	Comment Status X			Comment	t <i>Type</i> <b>T</b>	Comment Status D		Bucket
	smitter power excu	rsion (max) of 2 dBm in Tabl	e 167-7 was pro	posed for a hit ratio of 1E	200G	BASE-VR2 shou	Ild be described as using 2000	GBASE-R encod	ing
2.					Suggeste	dRemedy			
00	edRemedy				Chan	ge " using 100	GBASE-R encoding" to "	using 200GBAS	SE-R encoding …"
Spec	cify transmitter pow	er excursion (max) as 2.3 dB	8m at 3E-3 hit rat	io.	Proposed	l Response	Response Status W		
,	<i>d Response</i> ew accompanying	Response Status <b>W</b> presentation.				POSED ACCEP	Γ IN PRINCIPLE. ment #221.		
C/ 167	SC 167.8.5	P56	L11	# 181	C/ 1	SC 1.4	P <b>18</b>	L <b>40</b>	# 184
Murty, Ra	amana	Broadcom Inc			Huber, To	om	Nokia		
Commen	t Type <b>T</b>	Comment Status D		Bucket	Comment	t <i>Туре</i> <b>Т</b>	Comment Status D		Bucket
The	TDECQ test for a r	nulti-mode link uses a fiber e	mulation filter in	place of a real fiber.	400G	BASE-VR4 shou	Ild be described as using 4000	GBASE-R encod	ing
<b>•</b> •					_				
Suggeste	edRemedy				Suggeste	dRemedy			
00	•	e TDECQ conformance test b	olock diagram, si	miilar to Figure 121-4.	00		GBASE-R encoding" to "	using 400GBAS	SE-R encoding"
Add	•	e TDECQ conformance test b Response Status W	olock diagram, si	miilar to Figure 121-4.	Chan		GBASE-R encoding" to " Response Status W	using 400GBAS	SE-R encoding"
Add Proposed PRO	a figure to show th	Response Status WIIN PRINCIPLE.	block diagram, si	miilar to Figure 121-4.	Chan Proposed PROF	ge " using 100 I Response	Response Status W	using 400GBAS	SE-R encoding …"
Add Proposed PRO See	a figure to show th d Response POSED ACCEPT	Response Status WIIN PRINCIPLE.	block diagram, si L <b>28</b>	imiilar to Figure 121-4. # 182	Chan Proposed PROF	ge " using 100 I Response POSED ACCEP <sup>-</sup>	Response Status W	using 400GBAS	SE-R encoding" # [185
Add Proposed PRO See C/ 1	a figure to show th d Response POSED ACCEPT response to comm SC <b>1.4</b>	Response Status W IN PRINCIPLE. ent #205.			Chan Proposed PROF See r	ge " using 100 I Response POSED ACCEP esponse to com SC <b>80.1.1</b>	Response Status W FIN PRINCIPLE. ment #221.	_	
Add Proposed PRO See C/ 1 Huber, T	a figure to show th d Response POSED ACCEPT response to comm SC 1.4 om	Response Status W IN PRINCIPLE. ent #205. P18			Chan Proposed PROF See r C/ 80	ge " using 100 I Response POSED ACCEP esponse to com SC <b>80.1.1</b>	Response Status W FIN PRINCIPLE. ment #221. P28	_	# 185
Add Proposed PRO See Cl 1 Huber, To Commen	a figure to show th d Response POSED ACCEPT response to comm SC 1.4 om t Type T	Response Status W IN PRINCIPLE. ent #205. P18 Nokia	L28	# 182 Bucket	Chan Proposed PROF See r Cl 80 Huber, To Comment	ge " using 100 I Response POSED ACCEP esponse to com SC 80.1.1 om t Type E	Response Status W F IN PRINCIPLE. ment #221. P28 Nokia	L1	# 185 Bucket
Add Proposed PRO See Cl 1 Huber, Tr Commen 2000	a figure to show th d Response POSED ACCEPT response to comm SC 1.4 om t Type T	Response Status W IN PRINCIPLE. ent #205. P18 Nokia Comment Status D	L28	# 182 Bucket	Chan Proposed PROF See r Cl 80 Huber, To Comment	ge " using 100 I Response POSED ACCEP esponse to com SC 80.1.1 om t Type E heading number t	Response Status W F IN PRINCIPLE. ment #221. P28 Nokia Comment Status D	L1	# 185 Bucket
Add Proposed PRO See Cl 1 Huber, Tr Commen 2000 Suggeste	a figure to show th d Response POSED ACCEPT response to comm SC 1.4 om at Type T GBASE-SR2 should edRemedy	Response Status W IN PRINCIPLE. ent #205. P18 Nokia Comment Status D	L28 GBASE-R encodi	# [ <u>182</u> ] Bucket	Chan Proposed PROF See r C/ 80 Huber, To Comment The h Suggeste	ge " using 100 I Response POSED ACCEP esponse to com SC 80.1.1 om t Type E heading number t	Response Status W FIN PRINCIPLE. ment #221. P28 Nokia Comment Status D for the subclause titled "Physic	L1	# [ <u>185</u> Bucket
Add Proposed PRO See C/ 1 Huber, Tr Commen 2000 Suggeste Char	a figure to show th d Response POSED ACCEPT response to comm SC 1.4 om at Type T GBASE-SR2 should edRemedy	Response Status W IN PRINCIPLE. ent #205. P18 Nokia Comment Status D d be described as using 2000	L28 GBASE-R encodi	# [ <u>182</u> ] Bucket	Chan Proposed PROF See r Cl 80 Huber, To Comment The h Suggester Chan	ge " using 100 I Response POSED ACCEP esponse to com SC 80.1.1 om t Type E heading number to dRemedy	Response Status W FIN PRINCIPLE. ment #221. P28 Nokia Comment Status D for the subclause titled "Physic	L1	# 185 Bucket
Add Proposed PRO See C/ 1 Huber, Tr Comment 2000 Suggeste Char Proposed PRO	a figure to show th d Response POSED ACCEPT response to comm SC 1.4 om to Type T GBASE-SR2 should edRemedy nge " using 1000	Response Status W IN PRINCIPLE. ent #205. P18 Nokia Comment Status D d be described as using 2000 BASE-R encoding" to " Response Status W IN PRINCIPLE.	L28 GBASE-R encodi	# [ <u>182</u> ] Bucket	Chan Proposed PROF See r Cl 80 Huber, To Comment The h Suggeste Chan Proposed PROF	ge " using 100 I Response POSED ACCEP esponse to com SC 80.1.1 om t Type E heading number to dRemedy ge 80.1.1 to 80.1 I Response	Response Status W F IN PRINCIPLE. ment #221. P28 Nokia Comment Status D for the subclause titled "Physic I.5 Response Status W F IN PRINCIPLE.	L1	# 185 Bucket

	SC 80.1.1	P <b>28</b>	L <b>8</b>	# 186	C/ 116	SC 116.4	P38	L <b>28</b>	# 189
luber, Tom	n	Nokia			Huber, Tom		Nokia		
Comment T	Туре Е	Comment Status D		Bucket	Comment T	/pe E	Comment Status D		Bucke
table or Suggested	nly have the clau Remedy	v columns in Table 805 is " se number as a heading.	Clause 167", whi	le all other columns in th	802.3cv	v, so there is n v is not yet in v	ade to table 116-7 don't include o need for the editing instructio vorking group ballot, it is also u	on to reference 8	302.3cw. Given that
Change	e the heading fro	m "Clause 167" to "167"			SuggestedF	emedv			
Proposed F	Response	Response Status W			00	2	by IEEE Std 802.3cw-202x)" 1	from the editing i	instruction
	OSED ACCEPT I s cross reference	N PRINCIPLE. without breaking others.			Proposed R	esponse	Response Status W	0	
C/ 116	SC 116.1.4	P36	L <b>32</b>	# 187		SED ACCEPT references to	FIN PRINCIPLE. 9802.3cw		
luber, Torr	n	Nokia			C/ 116	SC 116.5	P38	L <b>54</b>	# 190
omment T	Туре Е	Comment Status D		Bucket	Huber, Tom		Nokia		
		v columns in Table 116-4 is ' clause number as a heading		ile all other columns in	Comment T	/pe E	Comment Status D		Bucke
•	Response	Response Status W			publishe	d before 802.	3db.		
		N PRINCIPLE. without breaking others.			SuggestedF Remove	-	l by IEEE Std 802.3cw-202x)" 1	from the editing	instruction
			L14	# 188		e "(as modified	by IEEE Std 802.3cw-202x)" 1 Response Status W	from the editing	instruction
Fix this 7 116	SC 116.1.4	without breaking others.	L14	# 188	Remove Proposed R PROPC	e "(as modified esponse SED ACCEPT	Response Status W	from the editing	instruction
Fix this / <b>116</b> uber, Tom	SC 116.1.4	without breaking others.	L14	# 188 Bucket	Remove Proposed R PROPC	e "(as modified esponse	Response Status W	from the editing	instruction
Fix this <b>116</b> uber, Tom omment 7 Table 1	SC 116.1.4 n <i>Type</i> T 116-5 includes cc	without breaking others. P37 Nokia Comment Status D Jumns for 400GBASE-ZR, a	ssuming that P8	Bucket	Remove Proposed R PROPC	e "(as modified esponse SED ACCEPT	Response Status W FIN PRINCIPLE. 9 802.3cw	from the editing	instruction # <u>191</u>
Fix this <b>116</b> uber, Tom comment 7 Table 1 publish	SC 116.1.4 n <i>Type</i> T 116-5 includes conducted prior to P802.	without breaking others. P37 Nokia <i>Comment Status</i> D Jumns for 400GBASE-ZR, a 3db. Since P802.3cw is not	ssuming that P8	Bucket	Remove Proposed R PROPC Remove	e "(as modified esponse SED ACCEPT e references to	Response Status W FIN PRINCIPLE. 9 802.3cw		
Fix this Fix this luber, Tom comment 7 Table 1 publish it would	s cross reference SC 116.1.4 n <i>Type</i> <b>T</b> 116-5 includes cc red prior to P802. d be published fir	without breaking others. P37 Nokia <i>Comment Status</i> D Jumns for 400GBASE-ZR, a 3db. Since P802.3cw is not	ssuming that P8	Bucket	Remove Proposed R PROPC Remove Cl 167	e "(as modified esponse SED ACCEPT references to SC 167.11.3	Response Status W FIN PRINCIPLE. 9 802.3cw B P67		# [ <u>191</u>
Fix this / 116 uber, Tom omment 7 Table 1 publish it would uggestedł Remov	SC 116.1.4 n Type T 116-5 includes context and prior to P802. d be published fir Remedy ve the columns for	without breaking others. P37 Nokia <i>Comment Status</i> D Jumns for 400GBASE-ZR, a 3db. Since P802.3cw is not st. r 400GBASE-ZR from the ta	ssuming that P80 yet in working gr	<i>Bucket</i> 2.3cw would be oup ballot, it not clear tha	Remove Proposed R PROPC Remove Cl 167 Huber, Tom Comment T In the M reference	e "(as modified esponse SED ACCEPT e references to SC 167.11.3 //pe T ajor Capabiliti red in any of th	Response Status W FIN PRINCIPLE. 802.3cw B P67 Nokia	L <b>1</b> *VR1, *VR2, an	# <u>191</u> Bucke d *VR4 are not
Fix this 7 <b>116</b> uber, Tom comment 7 Table 1 publish it would uggested/ Remov delete '	SC 116.1.4 m Type T 116-5 includes conted prior to P802. d be published fir Remedy ve the columns fo "(as modified by	without breaking others. P37 Nokia <i>Comment Status</i> D Jumns for 400GBASE-ZR, a 3db. Since P802.3cw is not st. r 400GBASE-ZR from the ta IEEE Std 802.3cw-202x)"	ssuming that P80 yet in working gr	<i>Bucket</i> 2.3cw would be oup ballot, it not clear tha	Remove Proposed R PROPC Remove Cl 167 Huber, Tom Comment T In the N reference SuggestedF	e "(as modified esponse SED ACCEPT e references to SC 167.11.3 //pe T ajor Capabiliti eed in any of th emedy	Response Status W TIN PRINCIPLE. 9 802.3cw B P67 Nokia Comment Status D es PICS table, the Item codes he subsequent tables. As such	L <b>1</b> *VR1, *VR2, an	# [ <u>191</u> Bucke d *VR4 are not
Fix this Fix this 1 <b>116</b> uber, Tom omment 7 Table 1 publish it would uggested/ Remov delete ' roposed F	SC 116.1.4 m Type T 116-5 includes conted prior to P802. d be published fir Remedy ve the columns fo "(as modified by	without breaking others. P37 Nokia <i>Comment Status</i> D Jumns for 400GBASE-ZR, a 3db. Since P802.3cw is not st. r 400GBASE-ZR from the ta IEEE Std 802.3cw-202x)" <i>Response Status</i> W	ssuming that P80 yet in working gr	<i>Bucket</i> 2.3cw would be oup ballot, it not clear tha	Remove Proposed R PROPO Remove Cl 167 Huber, Tom Comment T In the M reference SuggestedF Rename	e "(as modified esponse SED ACCEPT ereferences to SC 167.11.3 vpe T ajor Capabiliti ed in any of th eemedy e these items \	Response Status W TIN PRINCIPLE. 9 802.3cw B P67 Nokia Comment Status D es PICS table, the Item codes he subsequent tables. As such VR1, VR2, VR4.	L <b>1</b> *VR1, *VR2, an	# <u>191</u> Bucke d *VR4 are not
Fix this Fix this Fiuber, Tom Comment 7 Table 1 publish it would Suggested Remov delete ' Proposed F PROPC	s cross reference SC 116.1.4 m <i>Type</i> <b>T</b> 116-5 includes conted prior to P802. d be published fir <i>Remedy</i> ye the columns fo "(as modified by <i>Response</i>	without breaking others. P37 Nokia Comment Status D Jumns for 400GBASE-ZR, a 3db. Since P802.3cw is not st. r 400GBASE-ZR from the ta IEEE Std 802.3cw-202x)" Response Status W N PRINCIPLE.	ssuming that P80 yet in working gr	<i>Bucket</i> 2.3cw would be oup ballot, it not clear tha	Remove Proposed R PROPC Remove Cl 167 Huber, Tom Comment T In the M reference SuggestedF Rename Proposed R	e "(as modified esponse SED ACCEPT e references to SC 167.11.3 //pe T ajor Capabiliti- ed in any of th emedy e these items to esponse	Response Status W TIN PRINCIPLE. 9 802.3cw B P67 Nokia Comment Status D es PICS table, the Item codes he subsequent tables. As such	L <b>1</b> *VR1, *VR2, an	# <u>191</u> Bucke d *VR4 are not

C/ 167	SC 167.11.3	P <b>67</b>	L1	# 192	C/ 167	SC 167.	7.1	P <b>51</b>	L <b>28</b>	# 195
Huber, Tom	า	Nokia			Dawe, Piers	S		Nvidia		
Comment T	Гуре Т	Comment Status D		Bucket	Comment T	ype <b>TR</b>		Comment Status X		
once fo rows in Major C S <i>uggestedI</i> Use dif	or the PMD and c 167.11.4.6; it is Capability, or bot Remedy ferent names for	s table, the item codes *VR2, once for the MDI. The SR2 ar unclear if these are referring n. the 4 MDI rows (e.g. xxx-MD flect the intended conditions.	d SR4 item code to the PMD Majo	s are used in 6 of the r Capability, the MDI	expect have 9 Ceq an specs, conside fibre. good si	higher Ceq taps rather d K measur so we need ering these The K' limit gnals would	, contribu than 5, a rements l less pao things, e can cato d miss - a	relatively slower than for a uting to TDECQ, but we sh and 2% threshold adjust ra with 2% threshold adjust v dding for measurement iss ncouraging good equalisa h some bad transmitters ti and K' is a free by-product	ould not expect ther than 1%. A vill be more accu ues. We should ble signals both hat an overshoo of TECQ.	higher K because we We expect that TDECQ, urate than for previous d re-optimise the spec after and before the t limit intended to pass
Proposed F	Response DSED ACCEPT	Response Status W				limit is simil qualisation.	ar to VE	C in C2M and EVM in coh	erent: a screen	for signals that are bad
	hese changes	IN FININGIFLE.			Suggested	Remedy				
C/ 116	SC 116.4	P38	L <b>4</b>	# 193				log10(Ceq'), limit 4 dB (wh e two parts of TDECQ). F		
Dawe, Piers	S	Nvidia			Proposed F	Response	F	Response Status W		
Comment 7 unchan	<i>Type</i> <b>E</b> liged rows not sh	Comment Status <b>D</b> own		Bucket	DISCU	SS				
Suggestedl	Remedy Inchanged rows	not shown			Cl <b>167</b> Dawe, Piers	SC 167.3	7.3	P <b>53</b> Nvidia	L <b>32</b>	# 196
Proposed F	0	Response Status W			Comment 7 Figure	<i>fype</i> <b>E</b> is a bitmap		Comment Status D		Bucke
	editing instruction				Suggested	Remedy				
C/ 167	SC 167.8.5	P56	L35	# 194	Insert fi	igure anoth	er way s	o it is a vector graphic. It r	nay be better to	avoid diagonal text.
Dawe, Piers		Nvidia	_00		Proposed F	Response	F	Response Status W		
Comment T		Comment Status D		Bucket		DSED ACC mment #24				
	<i>, , , , , , , , , ,</i>	density spectrum, N(f)" is mis	ssing a word (noi					n the next draft.		
Suggestedl Change	e to ""The norma	lized noise power density spe	ectrum, N(f)" as i	n 121.8.5.3, TDECQ		-	-			
measur	rement method									

PROPOSED ACCEPT.

C/ 167	SC ·	167.10.2.1	P <b>62</b>	L <b>44</b>	# 197	C/ <b>45</b>	SC	45.2.1.24	P <b>23</b>	L12	# 199
Dawe, Pie	ers		Nvidia			Dawe, Pie	rs		Nvidia		
Comment	Туре	E C	Comment Status D			Comment	Туре	Е	Comment Status D		Bucke
for a s and C versio	standard 0M4 com ons are	<ol> <li>What can the apply to the new e suitable for the suitable for the suitable for suitable for</li></ol>		d have"? I think w M3 and OM4 fibe s that mean that fi	ve mean that older OM3 rs compliant to previous ibers compliant to the	In 802 to 9 ai <i>Suggestec</i>	2.3dc, T re alloc d <i>Rem</i> eo	able 45-27, ated, bits 0 dy		nded ability 2 reç	
Suggeste	dRemed	ly			-			v beginning st row "".	"1:26:2:X0X Reserved" to a	above 1.26.1 100	GBASE-SR1 ability.
Chang Amen OM3,	ge idment 1 OM4 an	to IEC 60793 d OM5 should	-2-10 reflects the fact th have the same specific	cation. OM3 and C	DM4 fibers compliant to	So tha includ	at the re e the a	eader can u djacent unc	nderstand the context of the changed row from the base unchanged rows not shown	document, begini	ning "1.26.3 100GBASE-
•	ous versi n specifie		793-2-10 are suitable fo	r these application	ns at the maximum	Proposed	Respo	nse	Response Status W		
to These	e limits a	re consistent v			). For OM5, they are the			ACCEPT II nt #240.	N PRINCIPLE.		
			of IEC 60793-2-10. OM are considered complia		-VR1, 200GBASE-VR2,	C/ 45	SC	45.2.1.22	P <b>23</b>	L <b>19</b>	# 200
		R4, 100GBAS	E-SR1, 200GBASE-SR	2, and 400GBASE	E-SR4 Physical Layer	Dawe, Pie	rs		Nvidia		
types.			0/./			Comment	Туре	Е	Comment Status D		Bucke
Proposed	,	ISE RE ACCEPT IN PI	esponse Status W			14:14					
	ss this fo		(INCIPLE.			Suggested	dReme	dy			
See a	also resp	onses to comr	nents #4 and 132			Delete	e :14				
C/ 167	SC ·	167.10.3.2	P <b>64</b>	L <b>23</b>	# 198	Proposed	'		Response Status W		
Dawe, Pie	ers		Nvidia						N PRINCIPLE.		
Comment	Туре	т С	Comment Status D			See c	ommen	11 #81.			
					st use a non-angled PC	C/ 80	SC	80.1.1	P <b>28</b>	L10	# 201
		e 167.10.3.3 m that it could ca	ust be angled. For "bre	eakout" use, this is	s enough of a	Dawe, Pie	rs		Nvidia		
Suggeste						Comment	Туре	Е	Comment Status D		Bucke
		-	e/port/module with multi	inle 1-lane PMDs	can use the adapter	Clause	e 167				
recep			to 167.10.3.3 and one			Suggested 167	dReme	dy			
Proposed	Respon		esponse Status W			Proposed	Respo	nse	Response Status W		
•		ACCEPT IN PI							N PRINCIPLE.		

C/ 80	SC 80.4	P <b>29</b>	L <b>1</b>	# 202	C/ 167	SC 167.8.11	P58	L <b>42</b>	# 204
Dawe, Pier	ſS	Nvidia			Zivny, Pav	rel	Tektronix		
Comment T Table 8	51	Comment Status <b>D</b> delay constraints		Bucket		leasurement bai	Comment Status <b>D</b> ndwidth mandated for RIN me		
Suggested Table 8		delay constraints			signal is an c	ing rate (i.e., 53 copy/oaste from	past standards. It is neither j		
•	Response	Response Status W					th should be used.		
	OSED ACCEPT t table numberir	IN PRINCIPLE.				ce the text	mit of the measurement appa	ratus is to be opr	provimptoly aqual to the
C/ 116	SC 116.1.3	P <b>35</b>	L <b>33</b>	# 203		ing rate (i.e., 53		ratus is to be app	proximately equal to the
Dawe, Pier Comment T		Nvidia Comment Status D		Bucket	"b) Th	e bandwidth of t mitter transition	he measurement apparatus s time".	hall be the same	e as in "167.8.10
low), a and be	s in Table 80-1 a fore 200GBASE	r of MAC rate (slow to fast), re and Table 116-2. So, 200GB/ E-SR4, and 200GBASE-SR2 c o show the context to make it e	ASE-VR2 comes omes after 2000	after 200GBASE-CR4 GBASE-SR4 and before	Proposed PROP Discus	, POSED ACCEPT	Response Status W I IN PRINCIPLE.		
Suggested	Remedy				C/ 167	SC 167.8.6	P <b>57</b>	L <b>40</b>	# 205
		CR4 row from the base docun /R2 row as in the draft.	nent,		Zivny, Pav	rel	Tektronix		
then th then th then th	ne 200GBASE-S ne 200GBASE-S ne 200GBASE-D	R4 row from the base docume R2 row as in the draft, DR4 row from the base docume s to editor accordingly.			A figu The fig	onfiguration of T re should be ado gure (on page 2	Comment Status D DECQ measurement and of 1 ded for better clarity. of the ppt) is as was (email find Also attached to the comment	rom Zivny to Dud	
Proposed F	,	Response Status W			Suggested	,		email.	
		<sup>-</sup> IN PRINCIPLE. e consistent with D2.1 of 802.3	3dc.		in the "The t closur with "The t closur ALso, appen the tes with lii	clause "167.8.6 ransmitter eye o e at TP2." ransmitter eye o e at TP2; see fig in "167.8.5 Trar d line 16 "Table st pattern to be o ne	Transmitter eye closure for P losure for PAM4 (TECQ) is a Jure XYZ". Ismitter and dispersion eye cl 167–11 specifies Jused for measurement of TDE measurement setup."	measure of the c measure of the c osure for PAM4 (	optical transmitter's eye
						Response	Response Status W		
					PROP	OSED ACCEPT	IN PRINCIPLE.		
					Devie	w accompanying			

Comment ID 205

C/ 1								
	SC 1.4	P <b>18</b>	L <b>27</b>	# 206	C/ 45 SC 45.2	.1.21 P22	L37	# 209
Marris, Ar	rthur	Cadence Desig	jn Systems		Marris, Arthur	Cadence	Design Systems	
Comment Missi		Comment Status <b>D</b> 03a200GBASE-SR2:"		Bucket	Comment Type EF 1.23.7 and 1.23.8	Comment Status D are being used by 802.3ck		Bucke
Suggeste	edRemedy				SuggestedRemedy			
Add s	space and in the ne	ext three sub headings			Move thes bits to	1.23.9 and 1.23.10 and add re	eserved row for 1.23.8	3:7
PRO	I Response POSED ACCEPT ement with editorial				Proposed Response PROPOSED ACC See comment #23	Response Status W EPT IN PRINCIPLE. 9.		
C/ 45	SC 45.2.1.6	P <b>21</b>	L10	# 207	CI 45 SC 45.2	.1.22 P23	L19	# 210
Marris, Ar	rthur	Cadence Desig	yn Systems		Marris, Arthur	Cadence	Design Systems	
Comment	t Type E	Comment Status D		Bucket	Comment Type E	Comment Status D		Bucke
		served" as struck through			Clean up reserved	l rows in Table 45–25		
	nge "1 1 1 1 0 0 0 = '1 1 1 0 X X X = res	= 50GBASE-BR40-U" to "1 1 1 served"	1 0 0 0 = reserve	3"	SuggestedRemedy			
Suggeste	edRemedy comment					a single reserved bit 1.24.14 rlined reserved row for 1.24.1		
Proposed	l Response	Response Status W			Proposed Response	Response Status W		
	POSED ACCEPT				PROPOSED ACC See comment #81			
See r		ent #78.	L <b>43</b>	# 208			L7	# 211
	SC 45.2.1.7.4	ent #78.		# 208	See comment #81	1.24 P24	L <b>7</b> Design Systems	# 211
See r C/ 45	SC <b>45.2.1.7.4</b>	ent #78.		# 208 Bucket	See comment #81	.1.24 P24 Cadence	-	# [ <u>211</u> Bucke
See r Cl <b>45</b> Marris, Ar Comment	SC <b>45.2.1.7.4</b>	ent #78. P <b>21</b> Cadence Desig <i>Comment Status</i> <b>D</b>			See comment #81 Cl 45 SC 45.2 Marris, Arthur Comment Type EF	.1.24 P24 Cadence	-	
See r Cl <b>45</b> Marris, Ar Comment Make	SC 45.2.1.7.4 rthur t Type E	ent #78. P <b>21</b> Cadence Desig <i>Comment Status</i> <b>D</b>			See comment #81 Cl 45 SC 45.2 Marris, Arthur Comment Type EF	1.24 P24 Cadence Comment Status D	-	
See r Cl 45 Marris, Ar Comment Make Suggeste Make	SC         45.2.1.7.4           rthur         t           t Type         E           a 167.5.10 a cross           cdRemedy           a 167.5.10 a cross	ent #78. P <b>21</b> Cadence Desig <i>Comment Status</i> <b>D</b>	gn Systems	Bucket	See comment #81 Cl 45 SC 45.2 Marris, Arthur Comment Type EF 1.26.0 and 1.26.1 SuggestedRemedy	1.24 P24 Cadence Comment Status D	-	
See r Cl 45 Marris, Ar Comment Make Suggeste Make refere	SC 45.2.1.7.4 SC 45.2.1.7.4 rthur t Type E e 167.5.10 a cross edRemedy	ent #78. P <b>21</b> Cadence Desig <i>Comment Status</i> <b>D</b> reference	gn Systems	Bucket	See comment #81 Cl 45 SC 45.2 Marris, Arthur Comment Type EF 1.26.0 and 1.26.1 SuggestedRemedy	.1.24 P24 Cadence Comment Status D are being used by 802.3ck	Design Systems	

C/ 78 SC 78.1.4	P <b>25</b>	L <b>6</b>	# 212	C/ 167	SC 167.7.1	P <b>51</b>	L12	# 215
/arris, Arthur	Cadence Des	sign Systems		Marris, Art	hur	Cadence Desi	gn Systems	
Comment Type <b>T</b> Comm I do not see EEE listed in the P80	ent Status <b>D</b> )2.3db objectives					Comment Status <b>D</b> ects the tolerance on the transr	nit signalling rate	e is being tightened to 50
SuggestedRemedy Consider deleting Clause 78 from				ppm <i>Suggestea</i> Consid		0ppm to 50ppm		
Proposed Response Respor PROPOSED REJECT.	nse Status W			Proposed DISCU	Response	Response Status W		
C/ 80 SC 80.1.1	P <b>28</b>	L11	# 213	C/ FM	SC FM	P1	L10	# 216
/arris, Arthur	Cadence Des	sign Systems		Grow. Bob		RMG Consulti		π 210
Comment Type ER Comm Change "Clause 167" to "167"	ent Status D		Bucket	Comment	Туре Е	Comment Status D	ng	Bucket
SuggestedRemedy Change "Clause 167" to "167"				Suggested	Remedy	$\frac{1}{2}$		
Proposed Response Respor PROPOSED ACCEPT IN PRINC Fix this cross reference	nse Status W IPLE.			Proposed PROP		Response Status W I IN PRINCIPLE.		
C/ 167 SC 167.1	P <b>41</b>	L17	# 214	C/ FM	SC FM	P1	L27	# 217
larris, Arthur	Cadence Des	sign Systems		Grow, Bob		RMG Consulti		# 217
	ent Status D		Bucket	Comment		Comment Status D	ng	Bucket
Choose font colour of "Clause 45 SuggestedRemedy	" from forest greer	to black		Now the	51	s out, this can be updated to ac	ld IEEE Std 802	
Choose font colour of "Clause 45 and 116 on the next page.	" from forest greer	to black. Similarly	/ for Clause 1, 80, 91	Suggested	-			
	nse Status W			Per co	omment.			
PROPOSED ACCEPT IN PRINC				Proposed	Response	Response Status W		
Fix this cross reference						IN PRINCIPLE. nt with D2.1 of 802.3dc		

i FM	SC FM	P <b>1</b>	L <b>23</b>	# 218	C/ 1	SC 1.4		P <b>18</b>	L <b>12</b>	# 221
Grow, Bob		RMG Consultir	g		Grow, Bob			RMG Consult	ng	
Comment Typ		Comment Status D		Bucket	Comment T	ype ER	Co	mment Status D		Buck
The lates P802.3/D		when you resolve comments	and recirculate	P802.3db will likely be				02.3ct and IEEE Std 8 anged in P802.3/D2.1,		
								With the expected (		
SuggestedRe Per comr								tability of both subclau 02.3/D2.1 and future d		base text should be
Proposed Re	sponse	Response Status W			SuggestedF	Remedy				
	SED ACCEPT	IN PRINCIPLE.			also su		idual com			B revision project. (I have aces found in review of
7 FM	SC FM	P <b>11</b>	L <b>10</b>	# 219	Proposed R	0	,	ponse Status W		
Grow, Bob		RMG Consultir	g		,	SED ACCE		,		
omment Ty	be TR	Comment Status D		Bucket						
		for Physical Layer in IEEE Ste	1 802.3. No ac	onymn is defined for	Followi	ng are the a	ssignment	S:		
Physical	Layer.				1.4.38a	100GBASI	E-SR1	100GBASE-R encod	ing	
uggestedRe						100GBASI		100GBASE-R encod		
Delete "(I	PHY)"					a 200GBAS a 200GBAS		200GBASE-R encod 200GBASE-R encod		
roposed Re	sponse	Response Status W				a 400GBAS		400GBASE-R encod	0	
PROPOS Remove		IN PRINCIPLE.			1.4.144	a 400GBAS	SE-VR4	400GBASE-R encod	ling	
	SC FM	P3	L6	# 220	C/ 1	SC 1.4.39	a	P <b>18</b>	L <b>26</b>	# 222
		-	-	# 220	Grow, Bob			RMG Consult	ng	
row, Bob	_	RMG Consultir	Ig		Comment T	ype E	Co	mment Status D		Buck
omment Typ		Comment Status D		Bucket	Subclau	use numbers	s have cha	nged with the merge o	f 802.3ct and 80	2.3cp.
		n should not be capitalized, s	ee Keywords al	10 1.5 OT P802.3.	SuggestedF	Remedy				
uggestedRe								ubclause numbers can		
forward e	error correction							00GBASE-SR4 is 1.4. 09, 400GBASE-SR16		
roposed Re	sponse	Response Status W						s to correspond.	311010 142, 4000	
		IN PRINCIPLE.			Proposed R	esponse	Res	ponse Status W		
Uncapital	lize forward en	for correction.			•	, SED ACCE		,		

C/ <b>45</b>	SC 45	P <b>21</b>	L <b>1</b>	# 223	C/ <b>45</b>	SC 45.2.1.2	l.9 P22	L <b>47</b>	# 225
Grow, Bob	)	RMG Consult	ing		Grow, Bob	D	RMG Cons	ulting	
Comment		Comment Status D		Bucket	Comment	Type E	Comment Status D		Bucke
P802. capita	3/D2.1, Clause 4 Is to the erratic c	5 is still a mess for capitalizat apitalization of "Register" in te	tion, from the Cla ext throughout.	ause title using too many	signifi	cant bit to least s	ibclause number are incorr ignificant bit (order of the t		
Suggestee	dRemedy				is wro	0			
This d	raft seems to be	internally consistent (only cap	oitalize "Register	" when followed by a	Suggestee	2		4.4	a da a la contrato d
note t	hat future P802.3	of a title/sentence), so no cha drafts might try to fix some o ould follow how this is resolve	f this, changing	base text used in this	45.2.1	1.21.1a, and bit 1	d be inserted after 45.2.1.2 .3.7 being inserted as 45.2.		being inserted as
	Response			r comment resolutions.		Response	Response Status W		
•	POSED ACCEPT	Response Status W			PROF	POSED ACCEPT	IN PRINCIPLE.		
		ation of "Register".				I.21.1a 1.23.10 I.21.1b 1.23.9			
C/ <b>45</b> Grow, Bob	SC 45.2.1.6	P <b>21</b> RMG Consult	L10	# 224	C/ <b>45</b>	SC 45.2.1.22	2 P <b>23</b>	L <b>9</b>	# 226
Comment		Comment Status D	ing	Bucket	Grow, Bob	D	RMG Cons	ulting	
		in the table, only inserts.		Ducker	Comment	Type E	Comment Status D	-	Bucke
	Remedy				With t delete		en to amend 802.3-202x, tl	ne parenthetical po	binting at 802.3cn can be
		e shows an unchanged row ir			Suggestee	dRemedv			
		ay most unchanged rows not 2802.3/D2.1 rather than what				omment.			
	d be shown in str		,		Proposed	Response	Response Status W		
•	Response POSED ACCEPT	Response Status <b>W</b> IN PRINCIPLE.				POSED ACCEPT	,		
See re	esponse to comm	nent #78.			C/ <b>45</b>	SC 45.2.1.22	2 P <b>23</b>	L19	# 227
					Grow, Bob	0	RMG Cons	ulting	
					Comment	Type ER	Comment Status D		Bucke
					being		gree between table and ins dments 1-3, the bits defined 4:13.		
					Suggestee	dRemedy			
						omment.			
					Proposed	Response	Response Status W		
						POSED ACCEPT	,		
						13 400GBASE-S 12 400GBASE-V			
					See c	omment #81 for	the remaining reserved bits		

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

11/8/2021 9:09:04 AM

Cl <b>45</b>	SC 45.2	2.1.22.11	P <b>23</b>	L <b>31</b>	# 228	C	C/ 45	SC 45.2.1.2	4	P <b>23</b>	L <b>49</b>	# 230
Grow, Bob			RMG Consul	ling		G	Grow, Bob			RMG Consul	lting	
Comment 1	Туре Е		Comment Status D		Βι	ucket C	Comment Ty	/pe ER	Comment S	Status D		Buck
Insert p	point and su	subclause	es are incorrect.							vords "Table"	should not be in	the parenthetical. Also
Suggested	Remedy								ers are wrong.			
			45.2.1.22.1 and bit number			ube	SuggestedR	-				
	tent with re ent is accep		of comment on the bit nur	nbers in the table	e bits 12 and 11 if tha	lat			2.1.24.7 in P802 erted subclauses			e numbers should be 8 a
Proposed F	Response		Response Status 🛛 🛛 🛛 🛛 🛛 🛛 🖉			P	Proposed R	esponse	Response S	Status <b>W</b>		
PROP	OSED ACC	CEPT IN	PRINCIPLE.				PROPO	SED ACCEPT	IN PRINCIPLE			
	.22.1a 1.24 .22.1b 1.24							4.1a 1.26.10 4.7a 1.26.2				
C/ 45	SC 45.2	2.1.24	P <b>24</b>	L <b>12</b>	# 229	C	C/ 80	SC 80.2.3		P <b>28</b>	L <b>36</b>	# 231
Grow, Bob			RMG Consul	ling		G	Grow, Bob			RMG Consul	lting	
Comment 1	Type E		Comment Status D	U U	Bu	ucket C	Comment Ty	/pe E	Comment S	Status D		Buck
••••••••	· ) /											
Bit orde bit 0 be	er in table i eing left res	•	. Did youreally intend to le	eave 1.26.2 as th	ne reserved bit instea	ad of	Updating	g changed cla	use base text to	P802.3/D2.1		nd 1.5 of P802.3. x this. (The noted
Bit orde bit 0 be Suggested	er in table i eing left res <i>Remedy</i>	served?				<u> </u>	Updating changes	g changed cla are in titles, v	use base text to	P802.3/D2.1		
Bit orde bit 0 be <i>Suggested</i> Bit 2 sh	er in table i eing left res <i>Remedy</i> hould appea	served?	Did youreally intend to le bit 1. Adjust bit numbers			<u> </u>	Updating changes SuggestedR	g changed cla s are in titles, v <i>emedy</i>	use base text to vhich might be r	P802.3/D2.1 nissed in a ba	or later should fi ase text update.)	x this. (The noted
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C/ 167 SC 167.1	P <b>42</b>	L <b>30</b>	# 233	C/ 167 SC 167.5.4	P <b>48</b>	L <b>30</b>	# 236
Grow, Bob	RMG Consulti	ng		Grow, Bob	RMG Consult	ling	
Comment Type E	Comment Status D		Bucket	Comment Type E	Comment Status D		Bucke
The word "must" is depre-	cated.			The word "unavoidable'	has been purged from P80	2.3/D2.1.	
SuggestedRemedy				SuggestedRemedy			
"must behave" -> behave	S			"As a conquence"			
Proposed Response	Response Status W			Proposed Response	Response Status W		
PROPOSED ACCEPT IN				PROPOSED ACCEPT			
Remove "must" to be con	sistent with D2.1 of 802.3do	2		Remove "unavoidable"	to be consistent with D2.1 of	f 802.3dc	
C/ 167 SC 167.3.2	P <b>45</b>	L <b>26</b>	# 234	C/ 167 SC 167.5.4	P <b>48</b>	L <b>31</b>	# 237
Grow, Bob	RMG Consulti	ng		Grow, Bob	RMG Consult	ting	
Comment Type E	Comment Status D		Bucket	Comment Type E	Comment Status D		Bucket
The word "must" is depre-	cated.			The word "must" is dep	recated.		
SuggestedRemedy				SuggestedRemedy			
"must be" -> "needs to be	"			"must" -> "need to"			
Proposed Response	Response Status W			Proposed Response	Response Status W		
PROPOSED ACCEPT IN Remove "must" to be con	PRINCIPLE. sistent with D2.1 of 802.3do			PROPOSED ACCEPT Remove "must" to be co	IN PRINCIPLE. onsistent with D2.1 of 802.30	dc	
C/ 167 SC 167.3.2	P <b>45</b>	L <b>27</b>	# 235	C/ 167 SC 167.8.1.1	P55	L <b>33</b>	# 238
Grow, Bob	RMG Consulti	ng		Grow, Bob	RMG Consult	ting	
Comment Type E	Comment Status D		Bucket	Comment Type E	Comment Status D		Bucket
The word "must" is depre-	cated.			The word "must" is dep	recated.		
SuggestedRemedy				SuggestedRemedy			
"must also be" -> "also ne	eds to be"			"must be" -> "needs to I	pe"		
Proposed Response	Response Status 🛛 🛛 🛛 🛛 🛛 🖉			Proposed Response	Response Status W		
PROPOSED ACCEPT IN Remove "must" to be con	PRINCIPLE. sistent with D2.1 of 802.3dd	<b>.</b>		PROPOSED ACCEPT Implement with editorial			

C/ 45 SC 45.2.1.2	1 P22	L37	# 239	C/ 167	SC 167.1	P <b>41</b>	L <b>52</b>	# 242
Anslow, Pete	Independent			Anslow, Pe	te	Independent		
Comment Type TR	Comment Status D		Bucket	Comment 7	Гуре Е	Comment Status D		Bucke
1.23.8 200GBASE-0 1.23.7 200GBASE-0	5	3ck D2.2 as:		18 agai https://	inst D2.0. See: www.ieee802.c	ust" have been removed from t org/3/dc/comments/P8023_D2p accordance with these chang	0_comments_f	,
SuggestedRemedy						67-2 footnote a.		
Revert the allocations 1.23.10 200GBASE-	in register 1.23 to what they w SR2 ability	ere in D1.2:		Suggestedl	Remedy			
1.23.9 200GBASE-				In footr	note a to Table	167-1 and footnote a to Table	167-2, change '	"must behave" to
Proposed Response	Response Status W			"behav				
PROPOSED ACCEP	T.			Proposed F	1	Response Status W		
C/ 45 SC 45.2.1.2	24 P23	L <b>45</b>	# 240			Γ IN PRINCIPLE. consistent with D2.1 of 802.3d	с	
Anslow, Pete	Independent			C/ 167	SC 167.3.2	P <b>45</b>	L <b>26</b>	# 243
Comment Type TR	Comment Status D		Bucket	Anslow, Pe	te	Independent		
	l are already allocated in P802.	3ck D2.2 as:		Comment 7	rvpe E	Comment Status D		Bucke
1.26.1 100GBASE-(	5			All occu	urrences of "mi	ust" have been removed from t	he 802.3 revisio	on by comments 17 and
1 26 0 100GBASE-								
1.26.0 100GBASE-ł	NNT ability				inst D2.0. See:			
SuggestedRemedy		ere in D1.2:		https://	www.ieee802.c	org/3/dc/comments/P8023_D2		
SuggestedRemedy Revert the allocations 1.26.10 100GBASE	in register 1.26 to what they w -VR1 ability	ere in D1.2:		https://v Remov	www.ieee802.c e the two insta	rg/3/dc/comments/P8023_D2 nces of "must" in accordance v		
SuggestedRemedy Revert the allocations 1.26.10 100GBASE 1.26.2 100GBASE	s in register 1.26 to what they w -VR1 ability -SR1 ability		ne row for 1 26 10	https:// Remov Suggested/	www.ieee802.c e the two insta Re <i>m</i> edy	nces of "must" in accordance	with these chang	ges.
SuggestedRemedy Revert the allocations 1.26.10 100GBASE 1.26.2 100GBASE Note that in D1.2, the	in register 1.26 to what they w -VR1 ability	der in the table (th		https:// Remov <i>Suggestedl</i> Change On line	www.ieee802.c e the two insta R <i>emedy</i> e " FEC lane 27 change "Th		with these chang	ges. es is kept within limits"
SuggestedRemedy Revert the allocations 1.26.10 100GBASE 1.26.2 100GBASE Note that in D1.2, the	in register 1.26 to what they w -VR1 ability -SR1 ability se were shown in the wrong ord	der in the table (th		https:// Remov <i>Suggestedl</i> Change On line limited	www.ieee802.c e the two insta Remedy e " FEC lane 27 change "Th "	nces of "must" in accordance of smust be kept within limits" The Skew Variation must also be	with these chang	ges. es is kept within limits"
SuggestedRemedy Revert the allocations 1.26.10 100GBASE 1.26.2 100GBASE Note that in D1.2, the 100GBASE-VR1 shou	in register 1.26 to what they w -VR1 ability -SR1 ability se were shown in the wrong or uld be above the row for 1.26.2 <i>Response Status</i> <b>W</b>	der in the table (th		https:// Remov Suggested/ Change On line limited Proposed F	www.ieee802.c e the two insta Remedy e " FEC lane 27 change "Th " Response	nces of "must" in accordance of s must be kept within limits" he Skew Variation must also be Response Status W	with these chang	ges. es is kept within limits"
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SuggestedRemedy Revert the allocations 1.26.10 100GBASE 1.26.2 100GBASE Note that in D1.2, the 100GBASE-VR1 shou Proposed Response PROPOSED ACCEP	in register 1.26 to what they w -VR1 ability -SR1 ability se were shown in the wrong or uld be above the row for 1.26.2 <i>Response Status</i> <b>W</b>	der in the table (th		https:// Remov Suggested/ Change On line limited Proposed F PROPO	www.ieee802.c e the two insta Remedy e " FEC lane 27 change "Th " Response DSED ACCEP	nces of "must" in accordance of s must be kept within limits" he Skew Variation must also be Response Status W	vith these chang to " FEC lane e limited" to "T	ges. es is kept within limits"
SuggestedRemedy Revert the allocations 1.26.10 100GBASE 1.26.2 100GBASE Note that in D1.2, the 100GBASE-VR1 shou Proposed Response PROPOSED ACCEP	in register 1.26 to what they w -VR1 ability -SR1 ability se were shown in the wrong or uld be above the row for 1.26.2 <i>Response Status</i> <b>W</b> T.	der in the table (th 100GBASE-SR1	)	https:// Remov Suggested/ Change On line limited Proposed F PROPO	www.ieee802.c e the two insta Remedy e " FEC lane 27 change "Th " Response DSED ACCEP	nces of "must" in accordance of s must be kept within limits" he Skew Variation must also be <i>Response Status</i> <b>W</b> F IN PRINCIPLE.	vith these chang to " FEC lane e limited" to "T	ges. es is kept within limits"
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SuggestedRemedy Revert the allocations 1.26.10 100GBASE 1.26.2 100GBASE Note that in D1.2, the 100GBASE-VR1 shou Proposed Response PROPOSED ACCEP CI 78 SC 78.1.4 Anslow, Pete Comment Type E Comment #65 agains: http://www.ieee802.or	s in register 1.26 to what they w -VR1 ability -SR1 ability se were shown in the wrong ord uld be above the row for 1.26.2 <i>Response Status</i> <b>W</b> T. <i>P</i> 25 Independent <i>Comment Status</i> <b>D</b> t P802.3cj D2.0 defined the ord rg/3/cj/comments/P8023-D2p0-	der in the table (the function of the table state of table stat	) # 2 <u>41</u> <i>Bucket</i> ble 78-1. See: byID.pdf#page=14	https:// Remov Suggested/ Change On line limited Proposed F PROPO	www.ieee802.c e the two insta Remedy e " FEC lane 27 change "Th " Response DSED ACCEP	nces of "must" in accordance of s must be kept within limits" he Skew Variation must also be <i>Response Status</i> <b>W</b> F IN PRINCIPLE.	vith these chang to " FEC lane e limited" to "T	ges. es is kept within limits"
SuggestedRemedy Revert the allocations 1.26.10 100GBASE 1.26.2 100GBASE Note that in D1.2, the 100GBASE-VR1 shou Proposed Response PROPOSED ACCEP C/ 78 SC 78.1.4 Anslow, Pete Comment Type E Comment #65 agains: http://www.ieee802.or According to this, 100	s in register 1.26 to what they w -VR1 ability -SR1 ability se were shown in the wrong or uld be above the row for 1.26.2 <i>Response Status</i> <b>W</b> T. <i>P</i> <b>25</b> Independent <i>Comment Status</i> <b>D</b> t P802.3cj D2.0 defined the ord	der in the table (the function of the table state of table stat	) # 2 <u>41</u> <i>Bucket</i> ble 78-1. See: byID.pdf#page=14	https:// Remov Suggested/ Change On line limited Proposed F PROPO	www.ieee802.c e the two insta Remedy e " FEC lane 27 change "Th " Response DSED ACCEP	nces of "must" in accordance of s must be kept within limits" he Skew Variation must also be <i>Response Status</i> <b>W</b> F IN PRINCIPLE.	vith these chang to " FEC lane e limited" to "T	ges. es is kept within limits"
SuggestedRemedy Revert the allocations 1.26.10 100GBASE 1.26.2 100GBASE Note that in D1.2, the 100GBASE-VR1 shou Proposed Response PROPOSED ACCEP C/ 78 SC 78.1.4 Anslow, Pete Comment Type E Comment Type E Comment #65 agains http://www.ieee802.or According to this, 100 SuggestedRemedy	s in register 1.26 to what they w -VR1 ability -SR1 ability se were shown in the wrong ord uld be above the row for 1.26.2 <i>Response Status</i> <b>W</b> T. <i>P</i> 25 Independent <i>Comment Status</i> <b>D</b> t P802.3cj D2.0 defined the ord rg/3/cj/comments/P8023-D2p0-	der in the table (th 100GBASE-SR1 <i>L</i> 20 ler of items in Tat Comments-Final- d after 100GBAS	) # 241 Bucket ble 78-1. See: byID.pdf#page=14 E-CR10	https:// Remov Suggested/ Change On line limited Proposed F PROPO	www.ieee802.c e the two insta Remedy e " FEC lane 27 change "Th " Response DSED ACCEP	nces of "must" in accordance of s must be kept within limits" he Skew Variation must also be <i>Response Status</i> <b>W</b> F IN PRINCIPLE.	vith these chang to " FEC lane e limited" to "T	ges. es is kept within limits"
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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 243

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C/ 167	SC 167.5.4	4 P48	L <b>30</b>	# 244	CI 80
Anslow, P	ete	Independent			Hajducze
Comment	Туре Е	Comment Status D		Bucket	Comment
18 aga	ainst D2.0. See				Claus The s
		.org/3/dc/comments/P8023_D2p in accordance with these chang		nal_by_id.pdf#page=5	Suggeste
Suggested		in accordance with these chang	63.		Chan The s
param "As a	n unavoidable o neter, implemen consequence o	consequence of the requirement ntations must provide adequate of the requirements for the settin	margin …" to: ig of the SIGNA	—	Proposed PROI Fix th
•		ed to provide adequate margin	."		C/ 116
PROF		Response Status W PT IN PRINCIPLE. e consistent with D2.1 of 802.3d	с		Hajducze <i>Commen</i> a
C/ 167	SC 167.7.3	3 P53	L <b>32</b>	# 245	Table ZR P
Anslow, P	ete	Independent			Suggeste
Comment	Type ER	Comment Status D		Bucket	Remo
makin text co figures	g small text dif ontent of the fig s makes life dif	map. This has several drawback ficult to read, the use of bit map gures is not searchable and mos ficult if changes are required in	s increases the t importantly, in	file size unnecessarily, th cluding non-editable	Proposed PROI Fix th
	orated into the	next revision. provide a suitable .svg file toge	ther with the Oc	tave script that generates	C/ 116
it.				are conpraint generater	Hajducze
Suggested	dRemedy				Comment
		trates equations, use a vector g nes in FrameMaker.	raphics (e.g., .s	vg) format and apply the	Table
Proposed	Response	Response Status W			Suggeste
PROF	OSED ACCER	PT IN PRINCIPLE.			Seem

PROPOSED ACCEPT IN PRINCIPLE.

A .svg file will be used for the next draft.

CI 80	SC 80.1.1	P <b>28</b>	L10	# 246	
Hajduczen	ia, Marek	Charter Comr	nunications		
Comment	Туре Е	Comment Status D			Bucke
		be used - should be "167" ar present in Table 116-4 and Ta		7"	
Suggested	Remedy				
		n Table 80-5 to "167". Make s present in Table 116-4 and Ta		).	
Proposed	Response	Response Status 🛛 🛛 🛛 🛛 🛛 🖉			
	OSED ACCEPT ese cross referen	IN PRINCIPLE. Ices without breaking others			
C/ 116	SC 116.1.4	P <b>37</b>	L17	# 247	
Hajduczen	ia Marek	Charter Comr	nunications		
	ila, Mareix				
Comment	,	Comment Status D			Bucke
Comment Table	<i>Type</i> <b>E</b> 116-5 has unned		t-top side of the ta	ble around "400	Bucke OGBASE
Comment Table	<i>Type</i> <b>E</b> 116-5 has unneo CS and" and "400	Comment Status D cessary thick lines on the righ	t-top side of the ta	ble around "400	
Comment Table ZR PC Suggested	<i>Type</i> <b>E</b> 116-5 has unneo CS and" and "400	Comment Status D cessary thick lines on the righ OGBASE-ZR PMD"	t-top side of the ta	ble around "400	
Comment Table ZR PC Suggested	<i>Type</i> <b>E</b> 116-5 has unnee CS and" and "400 <i>IRemedy</i> ve unnecessary	Comment Status D cessary thick lines on the righ OGBASE-ZR PMD"	t-top side of the ta	ble around "400	
Comment Table ZR PC Suggested Remov	<i>Type</i> <b>E</b> 116-5 has unnee CS and" and "400 <i>IRemedy</i> ve unnecessary	Comment Status D cessary thick lines on the righ DGBASE-ZR PMD" thick lines Response Status W	t-top side of the ta	ble around "40(	
Comment Table ZR PC Suggested Remo Proposed PROP	Type E 116-5 has unnee CS and" and "400 IRemedy ve unnecessary Response	Comment Status D cessary thick lines on the righ DGBASE-ZR PMD" thick lines Response Status W IN PRINCIPLE.	t-top side of the ta	ble around "400	
Comment Table ZR PC Suggested Remo Proposed PROP	Type E 116-5 has unnee CS and" and "400 IRemedy ve unnecessary Response OSED ACCEPT	Comment Status D cessary thick lines on the righ DGBASE-ZR PMD" thick lines Response Status W IN PRINCIPLE.	t-top side of the ta	ble around "400" # <u>248</u>	
Comment Table ZR PC Suggested Remo Proposed PROP Fix the	Type E 116-5 has unnee CS and" and "400 IRemedy ve unnecessary Response OSED ACCEPT e line thickness in SC 116.1.4	Comment Status D cessary thick lines on the righ DGBASE-ZR PMD" thick lines <i>Response Status</i> W IN PRINCIPLE. In this table	L17		
Comment Table ZR PC Suggested Remo Proposed PROP Fix the Cl <b>116</b>	Type E 116-5 has unnec S and" and "400 Remedy ve unnecessary Response OSED ACCEPT e line thickness in SC 116.1.4 ia, Marek	Comment Status D cessary thick lines on the righ OGBASE-ZR PMD" thick lines Response Status W IN PRINCIPLE. In this table P37	L17		OGBASE
Comment Table ZR PC Suggested Remov Proposed PROP Fix the Cl 116 Hajduczen Comment	Type E 116-5 has unnec S and" and "400 IRemedy ve unnecessary Response OSED ACCEPT e line thickness in SC 116.1.4 iia, Marek Type ER	Comment Status D cessary thick lines on the righ DGBASE-ZR PMD" thick lines Response Status W IN PRINCIPLE. IN PRINCIPLE. This table P37 Charter Comm	L17 nunications	# 248	OGBASE
Comment Table ZR PC Suggested Remov Proposed PROP Fix the Cl 116 Hajduczen Comment	Type E 116-5 has unneed CS and" and "400 <i>Remedy</i> ve unnecessary <i>Response</i> OSED ACCEPT a line thickness in <i>SC</i> 116.1.4 via, Marek <i>Type</i> ER 116-5 seems to	Comment Status D cessary thick lines on the righ DGBASE-ZR PMD" thick lines Response Status W IN PRINCIPLE. In this table P37 Charter Comment Status D	L17 nunications	# 248	
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Comment Table ZR PC Suggested Remov Proposed PROP Fix the Cl 116 Hajduczen Comment Table Suggested Seems	Type E 116-5 has unnec S and" and "400 <i>Remedy</i> ve unnecessary <i>Response</i> OSED ACCEPT a line thickness in <i>SC</i> 116.1.4 ia, Marek <i>Type</i> ER 116-5 seems to <i>Remedy</i> s like part of the	Comment Status D cessary thick lines on the righ DGBASE-ZR PMD" thick lines Response Status W IN PRINCIPLE. In this table P37 Charter Comment Status D have an unfinished term "400 statement was cut over? Res	L17 nunications GBASE-ZR PCS	# <u>248</u> and"	Bucke
Comment Table ZR PC Suggested Proposed PROP Fix the Cl 116 Hajduczen Comment Table Suggested Seems Proposed	Type E 116-5 has unnec S and" and "400 <i>Remedy</i> ve unnecessary <i>Response</i> OSED ACCEPT a line thickness in <i>SC</i> 116.1.4 ia, Marek <i>Type</i> ER 116-5 seems to <i>Remedy</i> s like part of the	Comment Status D cessary thick lines on the righ DGBASE-ZR PMD" thick lines Response Status W IN PRINCIPLE. In this table P37 Charter Comment Status D have an unfinished term "400 statement was cut over? Res Response Status W	L17 nunications GBASE-ZR PCS	# <u>248</u> and"	Bucke

C/ 167	SC 167.7.3	P53	L <b>53</b>	# 249	C/ 167 SC 167.11.4.	6 P71	L <b>25</b>	# 252
lajduczenia	a, Marek	Charter Com	nunications		Hajduczenia, Marek	Charter Cor	nmunications	
Comment T Figure		Comment Status <b>D</b> rasterized. Consider using hi	gher resolution fig	<i>Bucket.</i> Jure	Comment Type ER Missing OC9 and OC1	Comment Status D		Bucke
SuggestedF Per cor					SuggestedRemedy Renumber OC10-14			
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. See comment #245. A .svg file will be used for the next draft.					Proposed Response PROPOSED ACCEPT Use correct numbering	Response Status W IN PRINCIPLE.		
C/ 167	SC 167.8.5	P56	L <b>47</b>	# 250				
Hajduczenia	a, Marek	Charter Com	nunications					
Comment T	vpe E	Comment Status D		Bucket				
SuggestedF Per cor Proposed R	nment Response	Response Status W						
PROPC	DSED ACCEPT	N PRINCIPLE.						
	SED ACCEPT	-	L <b>30</b>	# 251				
C/ 167	SC 167.11.4.6	-		# 251				
PROPO Cl <b>167</b> Hajduczenia Comment T	SC <b>167.11.4.6</b> a, Marek	6 P71		# 251 Bucket				
Cl <b>167</b> Hajduczenia Comment 7 OC12 r alternat The sar	SC 167.11.4.6 a, Marek <i>Type</i> ER nixes "or" with "* tively "INS*(SR2 me in OC14. If *+	6 P71 Charter Comm	nunications se "INS and (SR2	Bucket ? or SR4):M" or				
Cl <b>167</b> Hajduczenia Comment 7 OC12 r alternat The sar	SC 167.11.4.6 a, Marek Type ER nixes "or" with "* tively "INS*(SR2 me in OC14. If *- Remedy	Charter Comm Comment Status D " in the same Status entry. U + SR4):M" syntax.	nunications se "INS and (SR2	Bucket ? or SR4):M" or				
Cl <b>167</b> Hajduczenia Comment T OC12 r alternat The sar Suggestedf	SC 167.11.4.6 a, Marek <i>Type</i> ER nixes "or" with "* tively "INS*(SR2 me in OC14. If *+ Remedy nment	Charter Comm Comment Status D " in the same Status entry. U + SR4):M" syntax.	nunications se "INS and (SR2	Bucket ? or SR4):M" or				