CI 25	SC 25.4.4a	P19	L18	# 213	C/ 25	SC 25.4.5a
Law, David		3Com			Landry, David	d
Comment 7	Туре Т	Comment Status D		TEZ	Comment Ty	pe T
		mance test specification, but			Section 2	25.4.5a could ha
		cifying in terms of test condi the specification shall be me		d in terms of the	SuggestedRe	emedy
Suggested	Remedy					to: Differential v
Sugges '. In accoun	st that ' using the ddition delete Not ht for during imple	e fixture shown' should rea te 1 as this relates to one of ementation of the reference of	the factors the in ircuit and there a	nplementer has to are other - such as the	MDI of a into one	tions of Clause 100BASE-TX F of the PMD_UN reset completio
	of the measurem vered in the notes	nent equipment used - that al	so have to be co	insidered which are	Proposed Re	esponse
Proposed F		Response Status W			PROPOS	SED ACCEPT II
	OSED ACCEPT.				Change	to: Differential v
C/ 25	SC 25 4 4- 4	D40	1.00	# 000	specifica	tions of Clause
Law, David	SC 25.4.4a.1	219 3Com	L 26	# 220		100BASE-TX F of the PMD_UN
-						reset completio
Comment 7		Comment Status D		TEZ		- Press (Press ()
			blaitia con it be	ony nices of eable or	Instruct e	anitor to admist t
does it	have to be Cat 5	or better. Suspect it is the la .4.7 'UTP cable plant'.		e any piece of cable or he cable has to meet	Cl 33	editor to adjust t
does it	have to be Cat 5 ed subclause 25	or better. Suspect it is the la				SC 33.1.4.2
does it or exce <i>Suggestedi</i> Change	have to be Cat 5 eed subclause 25 <i>Remedy</i>	or better. Suspect it is the la	atter so specify th	e cable has to meet	Cl 33 Patoka, Marti Comment Ty	SC 33.1.4.2 in
does it or exce <i>Suggestedi</i> Change 25.4.7,	have to be Cat 5 eed subclause 25 <i>Remedy</i> e ' cable less that less than'.	or better. Suspect it is the la .4.7 'UTP cable plant'.	atter so specify th	e cable has to meet	CI 33 Patoka, Marti Comment Ty, Clarify th	SC 33.1.4.2 in pe TR at the imbalanc
does it or exce Suggested Change 25.4.7, Proposed F	have to be Cat 5 eed subclause 25 <i>Remedy</i> e ' cable less that less than'.	or better. Suspect it is the la .4.7 'UTP cable plant'. an' to read ' cable, meetin	atter so specify th	e cable has to meet	Cl 33 Patoka, Marti Comment Ty, Clarify th SuggestedRe Resistan	SC 33.1.4.2 in pe TR hat the imbalanc emedy ice unbalance is
does it or exce Suggested Change 25.4.7, Proposed F	have to be Cat 5 eed subclause 25 <i>Remedy</i> e ' cable less tha less than'. <i>Response</i>	or better. Suspect it is the la .4.7 'UTP cable plant'. an' to read ' cable, meetin	atter so specify th	e cable has to meet	Cl 33 Patoka, Marti Comment Ty Clarify th SuggestedRe Resistan twisted p	SC 33.1.4.2 in pe TR lat the imbalanc emedy ce unbalance is pair in the 100 O
does it or exce Suggested Change 25.4.7, Proposed F PROPO	have to be Cat 5 bed subclause 25 <i>Remedy</i> e ' cable less tha less than'. Response OSED ACCEPT. SC 25.4.4a.1	or better. Suspect it is the la .4.7 'UTP cable plant'. an' to read ' cable, meetin <i>Response Status</i> W	atter so specify th g or exceeding t L41	e cable has to meet	CI 33 Patoka, Marti Comment Ty Clarify th SuggestedRe Resistan twisted p Proposed Re	SC 33.1.4.2 in pe TR at the imbalanc emedy ce unbalance is air in the 100 O esponse
does it or exce Suggested/ Change 25.4.7, Proposed F PROPC Cl 25	have to be Cat 5 bed subclause 25 <i>Remedy</i> e ' cable less that less than'. <i>Response</i> OSED ACCEPT. SC 25.4.4a.1 Frederick	e or better. Suspect it is the la .4.7 'UTP cable plant'. an' to read ' cable, meetin <i>Response Status</i> W <i>P</i> 19	atter so specify th g or exceeding t L41	e cable has to meet	CI 33 Patoka, Marti Comment Ty Clarify th SuggestedRe Resistan twisted p Proposed Re	SC 33.1.4.2 in pe TR lat the imbalanc emedy ce unbalance is pair in the 100 O
does it or exce Suggested 25.4.7, Proposed F PROPO Cl 25 Schindler, F Comment T p16 I41	have to be Cat 5 bed subclause 25 Remedy e ' cable less tha less than'. Response OSED ACCEPT. SC 25.4.4a.1 Frederick Type T	or better. Suspect it is the la .4.7 'UTP cable plant'. an' to read ' cable, meetin <i>Response Status</i> W <i>P</i> 19 Cisco System	atter so specify th g or exceeding t L41 s, Inc.	the cable has to meet the requirements of # 122 TEZ	CI 33 Patoka, Marti Comment Ty Clarify th SuggestedRe Resistan twisted p Proposed Re	SC 33.1.4.2 in pe TR at the imbalanc emedy ce unbalance is air in the 100 O esponse
does it or exce Suggestedl Change 25.4.7, Proposed F PROPO Cl 25 Schindler, F Comment T p16 I41 unders	have to be Cat 5 bed subclause 25 Remedy e ' cable less that less than'. Response OSED ACCEPT. SC 25.4.4a.1 Frederick Type T I. Tying this new standing.	or better. Suspect it is the la .4.7 'UTP cable plant'. an' to read ' cable, meetin <i>Response Status</i> W <i>P</i> 19 Cisco System <i>Comment Status</i> D	atter so specify th g or exceeding t L41 s, Inc.	the cable has to meet the requirements of # 122 TEZ	CI 33 Patoka, Marti Comment Ty Clarify th SuggestedRe Resistan twisted p Proposed Re	SC 33.1.4.2 in pe TR at the imbalanc emedy ce unbalance is air in the 100 O esponse
does it or exce Suggestedi Change 25.4.7, Proposed F PROPO Cl 25 Schindler, F Comment T p16 l41 unders Suggestedi Show t	have to be Cat 5 bed subclause 25 Remedy e ' cable less that less than'. Response OSED ACCEPT. SC 25.4.4a.1 Frederick Type T I. Tying this new standing. Remedy	ror better. Suspect it is the la .4.7 'UTP cable plant'. an' to read ' cable, meetin <i>Response Status</i> W <i>P</i> 19 Cisco System <i>Comment Status</i> D approach to the legacy appro	tter so specify th g or exceeding t <i>L</i> 41 s, Inc. bach improves th	the requirements of # 122 TEZ the reader's	CI 33 Patoka, Marti Comment Ty Clarify th SuggestedRe Resistan twisted p Proposed Re	SC 33.1.4.2 in pe TR at the imbalanc emedy ce unbalance is air in the 100 O esponse
does it or exce Suggestedl Change 25.4.7, Proposed F PROPO Cl 25 Schindler, F Comment T p16 I41 unders Suggestedl Show t	have to be Cat 5 bed subclause 25 Remedy e ' cable less that less than'. Response OSED ACCEPT. SC 25.4.4a.1 Frederick Type T I. Tying this new standing. Remedy hat tau = 2L/R, w rmer and R = 100	ror better. Suspect it is the la .4.7 'UTP cable plant'. an' to read ' cable, meetin <i>Response Status</i> W <i>P</i> 19 Cisco System <i>Comment Status</i> D approach to the legacy appro	tter so specify th g or exceeding t <i>L</i> 41 s, Inc. bach improves th	the requirements of # 122 TEZ the reader's	CI 33 Patoka, Marti Comment Ty Clarify th SuggestedRe Resistan twisted p Proposed Re	SC 33.1.4.2 in pe TR at the imbalanc emedy ce unbalance is air in the 100 O esponse

P**20** L**4** # 32 Silicon Laboratories Comment Status D TEZ

have better readability.

voltage signals generated by a remote transmitter that meets the e 25; passed through a link specified in 25.4.6; and received at the PMD in a Type 2 Endpoint PSE or a Type 2 PD shall be translated NITDATA.indicate messages with a bit error ratio less than 1e-9 ion.

Response Status W IN PRINCIPLE.

voltage signals generated by a remote transmitter that meets the e 25; passed through a link specified in 25.4.6; and received at the PMD in a Type 2 Endpoint PSE or a Type 2 PD shall be translated NITDATA indicate messages with a bit error ratio less than 1e-9 ion.

the PICs related to this shall if required.

C/ 33	SC 33.1.4.2	P 38		L19	# 235
Patoka, Marti	n	Texas	s Instruments	;	
Comment Ty	pe TR	Comment Status	D		TEZ
Clarify th	at the imbalance	e is intra-pair			

is a measure of the difference between the two conductors of a Ohm balanced cabling system.

Response Status W

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

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C/ 33 SC 33.2.4.4	P 45	L1	# 126		CI 33	SC 33.2.4.4		P 46	L 42	# 129	
Schindler, Frederick	Cisco System	s, Inc.			Schindler,	Frederick	Ci	sco Systen	ns, Inc.		
Comment Type TR p45, 1. This value is in diagrams.	Comment Status D plementation dependent. It is	also tested but	not set in the state	TEZ e	Comment p46, 4 diagra	2. This value is	Comment Sta implementation de		t is also tested bu	t not set in the sta	<i>TEZ</i> ate
SuggestedRemedy					Suggestee	dRemedy					
	ence immediately after the van an implementation-depender						tence immediately n an implementatio				
Proposed Response PROPOSED ACCEPT	Response Status W				•	Response POSED ACCEPT	Response Stat T.	tus W			
Cl 33 SC 33.2.4.4 Schindler, Frederick	P 45 Cisco System	L 19 s, Inc.	# 127		Cl 33 Schindler,	SC 33.2.4.4 Frederick		P 47 sco Systen	L 9 ns, Inc.	# 130	
Comment Type TR	Comment Status D			TEZ	Comment	Type TR	Comment Sta	tus D			TEZ
p45, 19. This value is i diagrams.	mplementation dependent. It	is also tested bu	ut not set in the sta	te	p47,9 diagra		nplementation depe	endent. It is	s also tested but r	not set in the state)
SuggestedRemedy					Suggestee	dRemedy					
	ence immediately after the van an implementation-depender						tence immediately n an implementatio				
Proposed Response	Response Status W				Proposed	Response	Response Stat	tus W			
PROPOSED ACCEPT					PROF	POSED ACCEPT	Г.				
C/ 33 SC 33.2.4.4	P 45	L19	# 35		This r	efers to variable	pse_skips_event2				
Landry, David	Silicon Labora	atories			C/ 33	SC 33.2.4.5		P 48	L 2	# 131	
Comment Type T	Comment Status D			TEZ	Schindler,	Frederick	Ci	sco Systen	ns, Inc.		
	ariable seems more like a cor stant and variables when we s				Comment	Type TR	Comment Sta	tus D			TEZ
something that change questionable variables	es throughout the operation or are class_num_events, mr_p	evaluation of a	state diagram. Oth		p48, 2. This text changes the definition from what some legacy devices expect and conflicts with the definition provided in table 33-11, item 25.					nflicts	
pse_skips_event2.					Suggestee	dRemedy					
SuggestedRemedy					Repla	ce "detect" with	"power," in this ser	ntence. Hav	ve the Editor upd	ate the related PI	С.
	le is actually a variable and no	ot a mis-labeled	constant.		Proposed	Response	Response Stat	tus W			
Proposed Response PROPOSED ACCEPT	Response Status W IN PRINCIPLE.				PROF	POSED ACCEPT	Г.				
Move legacy_powerup it operates.	to the constant section. It is	doubtful that a F	PSE would change	how							
See 2.											
0002.											

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: Clause, Subclause, page, line

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	P 49	L 34	# 135	CI 33	SC 33	3.3.1	P 69	L 42	# 247
chindler, Frederick	Cisco System	s, Inc.		Patoka, N	lartin		Texas Instrum	ents	
omment Type ER	Comment Status D		TEZ	Commen		TR	Comment Status D		TE.
p49, 34. What if a Type 1 readability.	PD that supports DLL is at	tached? Fix this	s to improve PICs			ne note is	s critical to maintain interope	rability with the	PSE devices specified.
uggestedRemedy				00	dRemedy				
Delete the period from the	e first sentence and "A Type						' making it clear this is a reque confusing.	irement. Althou	igh the text is clear in
produce a single sentence related PIC.	e: "is not complete and sh	all" Have the	Editor update the		Response	0	Response Status W		
roposed Response	Response Status W			PRO	POSED A	CCEPT.			
PROPOSED ACCEPT IN	•			C/ 33	SC 33	234	P 74	L25	# 77
Delete the nexical frame th	first seaton as and "A Turn		h	Landry, D			Silicon Labora	-	# 11
	e first sentence and "A Type e: "is not complete and sh		ne second sentence to	Commen	t Type	TR	Comment Status D		TE
This produces the new sentence: When a Type 2 PSE powers a Type 2 PD, the PSE may choose to assign a value of '1' to							ithout any preamble or expla 3-14, as is apparently intend		cult for the reader to
parameter_type if mutual	identification is not comple identification is complete.		0	00	dRemedy some expla		of what the figure is trying to	say, or delete it	altogether.
Have the Editor update the	ne related PIC			Proposed	Response	е	Response Status W	-	-
•		1.00	" [50	PRO	POSED A	CCEPT I	N PRINCIPLE.		
/ 33 SC 33.2.9 andry, David	P 61 Silicon Labora	L 22 atories	# 52	Modi	v Table 33	3-14: Ad	d notation to Voffsett, Condi	ions column "se	e Figure 33-19"
omment Type TR	Comment Status D		TEZ	CI 33		3.3.5.2.1	P 76	L11	# 78
21	should only apply to Alt B de	etection. The pa	arameter name is too	Landry, D	avid		Silicon Labora		
uggestedRemedy				Commen		TR	Comment Status D		TE.
Change "Detection back	off time" to "Alternative B de	etection backoff t	time"			POWER	ED state has been eliminate	ed.	
roposed Response PROPOSED ACCEPT.	Response Status W			00	dRemedy ace NOT_I	MDI_PO	WERED with IDLE		
				Proposed	l Respons	e	Response Status W		
/ 33 SC 33.2.9.6	P63	L10	# 95	PRO	POSED A	CCEPT.			
etteth, Anoop	Cisco System	s, inc.							
omment Type TR Figure 33-14 shows Tinru	Comment Status D ish extending midway betw	een 50ms and 7	75ms.						
uggestedRemedy Since this is the Inrush u	operbound template Tinrus	n should extend	to 75ms						
	Response Status W								

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

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CI 33 S	SC 33.4.2	P83	L 44	# 205	C/ 33	SC 33.8	.3.10	P 127	L1	# 193	
Law, David		3Com			Mahinfallal	h, Ahmad		Cisco Systen	ns, Inc.		
Comment Type	e T	Comment Status D		TE	Comment	Type TF	c C	Comment Status D			TEZ
3321).' ye later that th	et I don't see he impulse is	that the impulse be applied ' any polarity indicated in Figur applied ' as shown in Figur ragraph seems redundant.	re 33-21. The sa	me paragraph states	Suggestea			L12 and DLL15 are inco	prrect and have r	not been updated.	
SuggestedRen	nedy				Proposed	Response	Re	esponse Status W			
Delete the	text '(as indi	cated in Figure 3321)'.			PROP	OSED ACC	EPT IN P	RINCIPLE.			
Proposed Res PROPOSE	<i>ponse</i> ED ACCEPT.	Response Status W			See 3 ²	12, 313, 314	, 318				
					- C/ 33	SC 33.8	.3.10	P 127	L1	# 120	
	SC 33.8.3.1	P113	L12	# 259	Vetteth, Ar	noop		Cisco System	ns, Inc.		
Nadeau, Gerar					Comment	Туре ТБ	c C	Comment Status D			TEZ
Comment Type	-	Comment Status D		TE	item D		DLL8, DL	L12 and DLL15 are inco	prrect and have r	not been updated for	or a
			1 nogo 20 line			mo					
		om 'shall' statement in 33.1.4.	i, page 36, line 4	4DC 100p	long tir						
resistance	shall be 25 c	om 'shall' statement in 33.1.4. ohms or less.'	T, page 36, line 4	4DC 100p	Suggestea	dRemedy					
resistance SuggestedRen	shall be 25 c medy	ohms or less.'		·	Suggested Fix the	d <i>Remedy</i> em					
resistance SuggestedRen Update Plo resistance	shall be 25 c <i>nedy</i> CS COM2 'Va		ated text in 33.1.	4.1 New text: 'DC loop	Suggestea Fix the Proposed i	d <i>Remedy</i> em		esponse Status W RINCIPLE.			
resistance SuggestedRen Update Plo resistance cords, and Proposed Res	e shall be 25 c medy CS COM2 'Va 25 ohms or l conectors)'	ohms or less.' alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W	ated text in 33.1.	4.1 New text: 'DC loop	Suggested Fix the Proposed I PROP See 37	dRemedy em Response POSED ACC 12, 313, 314	EPT IN P , 318	RINCIPLE.			
resistance SuggestedRen Update Plu resistance cords, and Proposed Res PROPOSE	e shall be 25 c medy CS COM2 'Va 25 ohms or l d conectors)' ponse ED ACCEPT.	ohms or less.' alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W	ated text in 33.1. y category 5e co	4.1 New text: 'DC loop mponents (cables,	Suggested Fix the Proposed I PROP See 3' C/ 33	dRemedy em Response POSED ACC 12, 313, 314 SC 33.8	EPT IN P , 318	1	L17	# 312	
resistance SuggestedRen Update Plo resistance cords, and Proposed Res PROPOSE CI 33 S	e shall be 25 c medy CS COM2 'Va 25 ohms or l d conectors)' ponse ED ACCEPT. SC 33.8.3.1	ohms or less.' alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W	ated text in 33.1.	4.1 New text: 'DC loop	Suggestea Fix the Proposed I PROP See 37 C/ 33 Nadeau, G	dRemedy em Response POSED ACC 12, 313, 314 SC 33.8 Gerard	EPT IN P , 318 .3.10	P 127	L17	# [312	
resistance SuggestedRer Update Plu resistance cords, and Proposed Res PROPOSE CI 33 S Nadeau, Gerar	e shall be 25 c medy CS COM2 'Va 25 ohms or l d conectors)' ponse ED ACCEPT. SC 33.8.3.1 rd	ohms or less.' alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W P113	ated text in 33.1. y category 5e co	4.1 New text: 'DC loop mponents (cables, # 260	Suggested Fix the Proposed I PROP See 37 C/ 33 Nadeau, G Comment	dRemedy em Response POSED ACC 12, 313, 314 SC 33.8 Gerard Type G	EPT IN P , 318 . 3.10 C	P 127			TEZ
resistance SuggestedRen Update Plu resistance cords, and Proposed Res PROPOSE CI 33 S Nadeau, Gerar Comment Type	e shall be 25 c medy CS COM2 'Va 25 ohms or l d conectors)' ponse ED ACCEPT. SC 33.8.3.1 rd e G	ohms or less.' alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W P113 <i>Comment Status</i> D	ated text in 33.1. y category 5e co	4.1 New text: 'DC loop mponents (cables, # 260 TE	Suggestea Fix the Proposed I PROP See 3 ⁴ C/ 33 Nadeau, G Comment Text se	dRemedy em Response POSED ACC 12, 313, 314 SC 33.8 Gerard Type G upporting P	EPT IN PI ., 318 . 3.10 CS DLL4,	P 127 <i>Comment Status</i> D , DLL5 and DLL6 has be	een changed sin	ce D3.0 (33.7.1 and	
resistance SuggestedRen Update Plu resistance cords, and Proposed Res PROPOSE Cl 33 S Nadeau, Gerar Comment Type Missing Pl	e shall be 25 c medy CS COM2 'Va 25 ohms or l d conectors)' ponse ED ACCEPT. SC 33.8.3.1 rd e G ICS statemen	ohms or less.' alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W <i>P</i> 113 <i>Comment Status</i> D nt. Necessary due to the addit	ated text in 33.1. y category 5e co <i>L</i> 12 tion of clause 33.	4.1 New text: 'DC loop mponents (cables, # 260 TE	Suggestea Fix the Proposed I PROP See 3 ⁴ C/ 33 Nadeau, G Comment Text se	dRemedy em Response POSED ACC 12, 313, 314 SC 33.8 Gerard Type G upporting P	EPT IN PI ., 318 . 3.10 CS DLL4,	P 127	een changed sin	ce D3.0 (33.7.1 and	
resistance SuggestedRen Update Plo resistance cords, and Proposed Res PROPOSE Cl 33 S Nadeau, Gerar Comment Type Missing Pl 'resistan	e shall be 25 c medy CS COM2 'Va 25 ohms or l d conectors)' ponse ED ACCEPT. SC 33.8.3.1 rd e G ICS statementice unbalance	ohms or less.' alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W P113 <i>Comment Status</i> D	ated text in 33.1. y category 5e co <i>L</i> 12 tion of clause 33.	4.1 New text: 'DC loop mponents (cables, # 260 TE	Suggestea Fix the Proposed I PROP See 3 ^o C/ 33 Nadeau, G Comment Text st 33.7.2	dRemedy em Response POSED ACC 12, 313, 314 SC 33.8 Gerard Type G upporting P P). New text	EPT IN PI ., 318 . 3.10 CS DLL4,	P 127 <i>Comment Status</i> D , DLL5 and DLL6 has be	een changed sin	ce D3.0 (33.7.1 and	
resistance SuggestedRen Update Plu resistance cords, and Proposed Res PROPOSE CI 33 S Nadeau, Gerar Comment Type Missing Pl 'resistan SuggestedRen	e shall be 25 c medy CS COM2 'Va 25 ohms or l d conectors)' ponse ED ACCEPT. GC 33.8.3.1 rd e G ICS statement ice unbalance medy	ohms or less.' alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W <i>P</i> 113 <i>Comment Status</i> D nt. Necessary due to the addit e shall be 3 % or less.' Page 3	ated text in 33.1. y category 5e co <i>L</i> 12 tion of clause 33. 38, line 18.	4.1 New text: 'DC loop imponents (cables, # 260 TE .1.4.2 and the text	Suggested Fix the Proposed I PROP See 3' C/ 33 Nadeau, G Comment Text si 33.7.2 them. Suggested	dRemedy em Response POSED ACC 12, 313, 314 SC 33.8 Gerard <i>Type</i> G upporting P P). New text dRemedy	EPT IN P , 318 .3.10 CS DLL4, n current	P 127 <i>Comment Status</i> D , DLL5 and DLL6 has be	een changed sin cannot define the	ce D3.0 (33.7.1 and	
resistance SuggestedRen Update Plu resistance cords, and Proposed Res PROPOSE Cl 33 S Nadeau, Gerar Comment Type Missing Pl 'resistan SuggestedRen Add PICS	e shall be 25 c medy CS COM2 'Va 25 ohms or l d conectors)' ponse ED ACCEPT. SC 33.8.3.1 rd e G ICS statement ice unbalance medy Item Feature	ohms or less.' alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W <i>P</i> 113 <i>Comment Status</i> D nt. Necessary due to the addit	ated text in 33.1. y category 5e co <i>L</i> 12 tion of clause 33. 38, line 18.	4.1 New text: 'DC loop imponents (cables, # 260 TE .1.4.2 and the text	Suggested Fix the Proposed I PROP See 3 ^o C/ 33 Nadeau, G Comment Text si 33.7.2 them. Suggested Remov	dRemedy em Response POSED ACC 12, 313, 314 SC 33.8 Gerard Type G upporting P t). New text dRemedy ve PICS DL	EPT IN P , 318 .3.10 CS DLL4, n current L4, DLL5 ;	RINCIPLE. P127 Comment Status D , DLL5 and DLL6 has be draft 33.6.1 and 33.6.2 and DLL6 and renumbe	een changed sin cannot define the	ce D3.0 (33.7.1 and	
resistance SuggestedRen Update Plo resistance cords, and Proposed Res PROPOSE Cl 33 S Nadeau, Gerar Comment Type Missing Pl 'resistan SuggestedRen Add PICS	e shall be 25 c medy CS COM2 'Va 25 ohms or 1 d conectors)' ponse ED ACCEPT. SC 33.8.3.1 rd e G ICS statement ce unbalance medy Item Feature 2 33.1.4.2 3%	alue/Comment' to reflect upda less. Requirement satisfied b <i>Response Status</i> W 	ated text in 33.1. y category 5e co <i>L</i> 12 tion of clause 33. 38, line 18.	4.1 New text: 'DC loop imponents (cables, # 260 TE .1.4.2 and the text	Suggested Fix the Proposed I PROP See 37 C/ 33 Nadeau, G Comment Text si 33.7.2 them. Suggested Remov	dRemedy em Response POSED ACC 12, 313, 314 SC 33.8 Gerard Type G upporting P t). New text dRemedy ve PICS DL	EPT IN P , 318 .3.10 CS DLL4, n current L4, DLL5 : <i>R</i> e	RINCIPLE. P127 Comment Status D , DLL5 and DLL6 has be draft 33.6.1 and 33.6.2	een changed sin cannot define the	ce D3.0 (33.7.1 and	

C/ 33 SC 33.8.3.10 Page 4 of 9 3/10/2009 3:34:09 PM

C/ 33 SC 33.8.3.10	P127	L17	# 167	Cl 33 SC 33.8.3.10 P127 L 52 # 316
Darshan, Yair	Microsemi Cor	poration		Nadeau, Gerard
Comment Type TR The PICS defines 30sec b However in 33.6.5 page 10 See multiple occurrences	00 line 26 the time is 10sed	0	TE lefaults of 802.1AB.	Comment Type G Comment Status D Text has been deleted since D3.0, PICS DLL14 no longer defined in the current text. Delet the PICS statement. D3.0 text that supported the PICS. 33.7.2.3 Actual power type/source/priority The actual power type/source/priority field shall contain a bit-map of the actual power type, source, and priority defined in Table 33-22.
SuggestedRemedy Decide if it is 30 or 10sec. It seems that 30sec is the	right value.			SuggestedRemedy Delete current PICS DLL14.
Proposed Response PROPOSED ACCEPT IN	Response Status W PRINCIPLE.			Proposed Response Response Status W PROPOSED ACCEPT.
See 312 C/ 33 SC 33.8.3.10	P 127	L 29	# 313	C/ 33 SC 33.8.3.10 P128 L6 # 318 Nadeau, Gerard
Nadeau, Gerard				Comment Type G Comment Status D
Comment Type G PICS DLL8 Value/Commn defines the change.	Comment Status D et field requires changing.	Text in 33.6.2.1	<i>TE</i> . .1, page 98, line 35	Text in 33.6.5 has been changed since D3.0. Delete the current DLL15 PICS statement and insert new PICS statements to be defined in additional comments. Current text cannot support DLL15 PICS.
SuggestedRemedy Change Value/Comment f	ield to read: 'Set according	to Table 33-23.		SuggestedRemedy Delete PICS DLL15.
0	Response Status W			Proposed Response Response Status W PROPOSED ACCEPT.
C/ 33 SC 33.8.3.10 Nadeau, Gerard	P127	L 46	# 314	C/ 33 SC 33.8.3.2 P114 L37 # 267 Nadeau, Gerard
	Comment Status D ires an update. Text in 33.	6.2.1.3, page 98	TE 3, line 52 has changed.	Comment Type G Comment Status D Text in 33.2.8, page 57, line 27 has changed from draft 3.0 therefore PICS PSE27 needs be updated.
SuggestedRemedy Change Value/Comment f PD'	ield to read: 'Set to PD pric	ority PSE adverti	ises to assign to the	SuggestedRemedy Update Value/Comment field in PSE27 to: 'Return to IDLE state or assign to Class 0.' Update Subclause reference in PICS PSE27 to 33.2.8 (drop .1)
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response Response Status W PROPOSED ACCEPT.

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

C/ 33 SC 33.8.3.2 Page 5 of 9 3/10/2009 3:34:09 PM

C/ 33 SC 33.8.3.2 Nadeau, Gerard	P115	L10	# 270	C/ 33 Nadeau, 0	SC 33.8.3.2 Gerard	P115	L37	# 272
Comment Type G Text in 33.2.8.1, page SuggestedRemedy	Comment Status D 57, line 48 has changed from	D3.0. PICS PSE	<i>TEZ</i> 35 needs updating.	<i>Comment</i> Text in updat	n 33.2.8.2, page	Comment Status D 58, line 30, has changed from	n draft 3.0. PICS	TEZ PSE46 needs
Update Value/Comme	ent field in PSE35 to: Return to or equal to IClass_LIM. <i>Response Status</i> W T.	DIDLE state or as	sign PD to Class 0 if	IClass Proposed	ge Value/Comme	ent field in PICS PSD46 to the or equal to IClass_LIM.' <i>Response Status</i> W	following: 'Retu	rn to IDLE state if
Cl 33 SC 33.8.3.2 Vetteth, Anoop Comment Type TR	P 115 Cisco System Comment Status D	L 11 is, Inc.	# 118 TEZ	C/ 33 Nadeau, C	SC 33.8.3.2	P116	L 30	# 276
Item PSE35 is incorrest state SuggestedRemedy Fix this Proposed Response	ect. We have the option to treat Response Status W	t this condition as	Class 0 or go to Idle	3.0: 'tl is no l Suggestee	n 33.2.9.5, page he minimum valu onger valid.	Comment Status D 62, line 19, has been deleted le for IPort_max in Table 33-9		
PROPOSED ACCEP See 270	T IN PRINCIPLE.				Response POSED ACCEPT	Response Status W		
C/ 33 SC 33.8.3.2 Vetteth, Anoop	P 115 Cisco System	L 37 ns, Inc.	# 119	C/ 33 Nadeau, C	SC 33.8.3.2 Gerard	P116	L 54	# 280
Comment Type TR Item PSE46 is incorre SuggestedRemedy Fix this Proposed Response PROPOSED ACCEP See 272	Comment Status D ect. This condition will cause th <i>Response Status</i> W T IN PRINCIPLE.	e PSE to go into	TEZ	PSEs Suggester Insert Value requir Proposed	PICS required du shall meet the re dRemedy PICS (after curre /Comment Statu	Comment Status D e to the new text in 33.2.9.12 equirements of 25.4.4a in the ent PSE69) and renumber act s Support PSE_X Current unt 2:M Yes[] type 2 PSE 25.4.4a Response Status W IN PRINCIPLE.	cordingly Item Fe	b / 2).' eature Subclause 9.12 Meet
				PSE#	; Current unbala	PSE69 and renumber as app nce for Type 2 Endpoint PSE; (lunb/2); PSET2:M; Yes[] N/	33.2.9.12; Meet	requirements of

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 33
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 33.8.3.2
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C/ 33 SC 33.8.3.2 Nadeau, Gerard	P117	L 24	# 284	C/ 33 SC : Nadeau, Gerard	33.8.3.2	P 117	L 3	# 281
	Comment Status D ge 67, line 6 has changed fror	n D3.0, PICS P	<i>TEZ</i> SE77 requires updating.	Comment Type TOff in Value/ 33.2.9.13, pag	Comment field	omment Status D in PICS PSE70 is incor	rect, it should be	<i>TEZ</i> Tpon. See text in
	ent field with the following: 'IPc S as specified in Table 33-11.'		n or equal to IMin max	SuggestedRemed Change TOff t	У			
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Respon PROPOSED A		sponse Status W		
C/ 33 SC 33.8.3.2 Nadeau, Gerard	P117	L 24	# 283	C/ 33 SC 3 Nadeau, Gerard	33.8.3.2	P 118	L 20	# 286
IMin is defined in Table SuggestedRemedy	Comment Status D he terms IMin2 and IMin1 are a 33-11. I beleive these are ec	itorial errors.			a PICS for cur ′0, line 10. 'Typ unb / 2).'	omment Status D rrent unbalance requirer the 2 PDs shall meet the		
Proposed Response PROPOSED ACCEPT	replace all instances if IMin1 a Response Status W IN PRINCIPLE.	and Imin2 with Ir	nın.	Insert PICS (a Value/Comme	fter current PS nt Status Supp	E69) and renumber acc ort PSE_X Current unb 4.4a in presence N/A[] c	alance for 33.3.2	
This has probably beer it's worth double- and t	n covered by other comments riple-checking.	submitted by thi	s comment editor. But	Proposed Respon PROPOSED A		sponse Status W RINCIPLE.		
Editor to also adjust co	ntext as appropriate when rep	lacing IMin1 or	IMin2 with IMin.	Insert new PIC	CS after PD6 a	nd renumber as approp	riate:	
C/ 33 SC 33.8.3.2 Nadeau, Gerard	P117	L 26	# 285	PD#; Current of (lunb/2); PD		Гуре 2 PD; 33.3.2; Мее I/A[]	t requirements o	f 25.4.4a in presence
Comment Type G Text in 33.2.11.1.2, page	Comment Status D ge 67, line 7 has changed fror	n D3.0, PICS PS	TEZ SE78 requires updating.					
SuggestedRemedy Replace Value/Comme specified in Table 33-1	ent field with the following: 'IPc 1.'	ort is less than o	r equal to IMin min as					
Proposed Response PROPOSED ACCEPT	Response Status W							

CI 33 SC 33.8.3.2

C/ 33 SC 33.8.3.2 Nadeau, Gerard	P119	L19	# 291	C/ 33 SC 33.8.3.2 P120 L25 # 298
Comment Type G The text supporting PIC	Comment Status D CS PD22 has been removed s			Z Comment Type G Comment Status D 7 Text supporting PICS PD41, sublcause 33.3.7.6 has been completely rewirtten from D3.0
reset its pse_power_ty to VReset max as defir	e, page 65, line 3: 'A PD imple be state variable to 1 when th ed in Table 33-16.'			to D3.3. Updateing the Feature field in PICS PD41 makes the PICS statement more clear. SuggestedRemedy Replace PICS PD41 'Feature' field as follows: 'Behavior during transients at the PSE PI'
SuggestedRemedy Delete PICS PD20 and	renumber.			Proposed Response Response Status W PROPOSED ACCEPT.
Proposed Response PROPOSED ACCEPT	-			C/ 33 SC 33.8.3.2 P120 L7 # 295
This behavior is captur Delete PICS PD22.	ed in the state diagram, which	h itself is covered	by PICS PD6.	Comment Type G Comment Status D 7 Text has changed in 33.3.7.3 from D3.0. D3.0 text: At any static voltage at the PI, and any
Cl 33 SC 33.8.3.2 Nadeau, Gerard Comment Type G	P119 Comment Status D	L 53	# <u>294</u> 7	PD operating condition, the peak current shall not exceed PPort max for more than 50 ms maximum and 5% duty cycle maximum. D3.3 text: At any static voltage at the PI, and any PD operating condition, the peak power shall not exceed PClass_PD max for more than 50 ms maximum and 5% duty cycle maximum.
Text in 33.3.7.3, page PICS PD32. SuggestedRemedy	o 'Tdelay min' in the Value/Co		h max' as stated in th	SuggestedRemedy Change PICS PD34 as follows: Change the 'Feature' field to: 'Peak power' Change the 'Value/Comment' to: 'Not to exceed PClass_PD max for more than 50 ms max and 5 % duty cycle max'
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Response Response Status W PROPOSED ACCEPT.
<i>Cl</i> 33 <i>SC</i> 33.8.3.2 Nadeau, Gerard	P120	L 22	# 297	- Cl 33 SC 33.8.3.2 P121 L47 # 299 Nadeau, Gerard
Comment Type G Text supporting PICS F page 69, line 37: 'The l	Comment Status D 2D40 has been deleted from I 2D shall operate below the "P 14, during transient condition	D upperbound te	emplate," defined in	 Comment Type G Comment Status D 7 Value/Comment field: for 10Mb/s PHYs the text in 33.4.3, page 84, line 30 states the freqency range is up to 100 MHz, not 20 MHz as stated in the PICS. D3.0 also stated up to 100MHz. SuggestedRemedy Change 20 Mhz to 100MHz in PICS EL13. Proposed Response Response Status W

Cl	33	
SC	33.8.3.2	

C/ 33 SC 33.8.3.2 P122 L48 # 301 Nadeau, Gerard Image: SC 33.8.3.2	C/ 33 SC 33.8.3.5 P123 L40 # 305 Nadeau, Gerard
Comment TypeGComment StatusDTEZInsert PICS due to new text in 33.4.8, page 87, line 51.	Comment Type G Comment Status D TEZ Insert PICS statement. Additional text in 33.4.9.2, page 91, line 29 defines another PICS.
SuggestedRemedy Insert new PICS after PSEEL3 and renumber. Item Feature Subclause Value/Comment Status Support PSEEL_X Channel unbalance 33.4.8 Less than or equal MIDA: Yes[] current for Type 2 to Type 1 lunb. M N/A[] Midspans that support 100BASE-TX Proposed Response Response Status PROPOSED ACCEPT IN PRINCIPLE.	SuggestedRemedy Insert new PICS after existing PSEEL13 and renumber. Item Feature Subclause Value/Comment Status Support PSEEL_X Alternative A Midspan 33.4.9.2 Between 0 mA and MIDA:M Yes[] DC bias current (Ibias) (lunb / 2) mA defined N/A[] in Table 33-11 Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.
Insert new PICS after PSEEL3 and renumber as appropriate: PSEEL#; Channel unbalance for Alternative A Midspan PSEs that support 100BASE-TX; 33.4.8; Less than or equal to Type 1 lunb; MIDA:M; Yes[] N/A[] C/ 33 SC 33.8.3.4 P L # 302	Insert new PICS after PSEEL13 and renumber as appropriate: PSEEL#; Alternative A Midspan PSE DC bias current (Ibias); 33.4.9.2; Between 0 mA and (lunb/2) mA; MIDA:M; Yes[] N/A[] C/ 33 SC 33.8.3.5 P123 L44 # 306
Nadeau, Gerard	Nadeau, Gerard
Comment TypeGComment StatusDTEZInsert PICS due to new text in 33.4.8, page 88, line 1.	Comment Type G Comment Status X TEZ Insert PICS: 33.4.9.2.1, page 91, line 38 defines another PICS. Insert PICS statement.
SuggestedRemedy Insert new PICS after EL20. Item Feature Subclause Value/Comment Status Support EL21 Channel unbalance 33.4.8 Meet requirements of M Yes[] current for Type 2 clause 25 in presence N/A[] Enpoint PSE and PDs (lunb/2) that support 100BASE-TX Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.	SuggestedRemedy Insert new PICS after existing PSEEL14 and renumber. Item Feature Subclause Value/Comment Status Support PSEEL_X Alternative A Midspan 33.4.9.2.1 From output MIDA:M Yes[] transfer function termination to the N/A[] measurement Midspan PSE input Proposed Response Response Status Musert new PICS after PSEEL14 and renumber as appropriate:
Insert new PICS after EL20 and renumber as appropriate: EL#; Channel unbalance; 33.4.8; 100BASE-TX Type 2 Endpoint PSEs and Type 2 PDs meet requirements of Clause 25 in presence of (lunb/2); M; Yes[] N/A[]	PSEEL#; Alternative A Midspan PSE transfer function measurement; 33.4.9.2.1; From output termination to the Midspan PSE input; MIDA:M; Yes[] N/A[]

C/ 33 SC 33.8.3.5