C/ 33	SC 33.3.7.	4 P 132	L 48	# 1	CI 33 SC	C 33.2.6	P 87	L <b>7</b>	# 3
Darshan,	Yair	Microsemi			Darshan, Yair		Microsemi		
Comment	t Type E	Comment Status D		Editorial	Comment Type	ER	Comment Status D		Editorial
Edito	r's Note: "Item 4	a still under investigation with	respect to PD V	diff no longer required"			be improved by the following		
Delet Proposed PROI	edRemedy e Editor Note. I Response POSED ACCEF	Response Status W T.			Classification is the PD re supported p 2. Column "	on Events" : quested cla ower etc. Requested	d Class" is better to switch pl since this is PSE spec and th ass, what is the Assigned clas Class" is actually "PD Reque Classification Events" is actu	e order of things ss and then wha ested Class".	s is what PSE do, what at is the minimum
EZ					SuggestedRem	edy			
CI 33	SC 33.3.7.	1 P 130	L 32	# 2		ace of Colu	imns "Requested Class" with	Column "Numb	er of Classification
Darshan,	Yair	Microsemi			Events".	olumn "Re	quested Class" with "PD Req	uested Class"	
Comment	t Type ER	Comment Status X		PD Power			mber of Classification Events		of PSE Classification
off vo		, 12 and 13 (PD power supply lassification stability time): et.	turn on voltage,	PD power supply turn	Events" Proposed Respo		Response Status W		
Suggeste	dRemedy				FROFUSE	DACCEPT	IN FRINGIFEE.		
Add t	o each parame	er name of items 11, 12, and	13: "per pairset"	,			quested Class" with "PD Req		
Proposed	l Response	Response Status W			3. Change o Events"	column "Nu	mber of Classification Events	" with "Number	of PSE Classification
TFTD	)								

C/ <b>33</b> SC <b>33.2.6</b> Darshan, Yair	P <b>87</b> Microsemi	L 38	# 4	<i>Cl</i> <b>33</b> Darshan, Y	SC <b>33.2.6.3</b> ′air	P <b>94</b> Microsemi	L <b>47</b>	# 6
Comment Type ER	Comment Status D		PSE Class	Comment 1	Type ER	Comment Status D		Editoria
1. Columns "Request places with Column "	an be improved by the following ted Class ALT A" and "Reques "Number of Classification Even on alt B" since this is PSE spe	ted Class ALT E ts on alt A" and	"Number of	"PAuto and TA	UTO_PSE27"	asured power during the Auto	class window be	etween TAUTO_PSE2
do, what is the PD re	equested class, what is the Assi	igned class and	then what is the	Suggested				
	power etc. ed Class ALT A" is actually "PD LT B" is actually "PD Requested					asured power during the Auto	class window be	etween TAUTO_PSE2
SuggestedRemedy	Requested Class ALT A" and "F	Dogwootod Close		"PAuto		asured power during the Auto	class window be	etween TAUTO_PSE1
"Number of Classifica 2. Change "Requeste	ation Events on alt A" and "Nur ed Class ALT A" with "PD Requed Class ALT A" with "PD Requed Class ALT B" with "PD Requed Class ALT A" and "Nur	nber of Classific lested Class mo	ation Events on alt B". de A"	Proposed F	AUTO_PSE2" Response OSED ACCEPT	Response Status W		
Proposed Response	Response Status W			<b>F7</b>				
				F/				
PROPOSED ACCEP	,			EZ				
PROPOSED ACCEP	PT IN PRINCIPLE.	losted Class ma	de A"	C/ 33	SC 33.2.7	P 99	L <b>40</b>	# 7
PROPOSED ACCEP 2. Change "Requeste	,					P <b>99</b> Microsemi	L <b>40</b>	# 7
PROPOSED ACCEP 2. Change "Requeste	PT IN PRINCIPLE. ed Class ALT A" with "PD Requ			CI <b>33</b> Darshan, Y Comment T	′air Type <b>T</b>		L <b>40</b>	
PROPOSED ACCEP 2. Change "Requeste 3. Change "Requeste	PT IN PRINCIPLE. ed Class ALT A" with "PD Requ ed Class ALT B" with "PD Requ	lested Class mo	ode B".	CI <b>33</b> Darshan, Y Comment T Editor I "2. The	′air <i>Type</i> <b>T</b> Note #2. e following case	Microsemi Comment Status X needs to be addressed: If PS	E is using active	Pres: Darshans
PROPOSED ACCEP 2. Change "Requeste 3. Change "Requeste Cl 33 SC 33.2.6 Darshan, Yair Comment Type ER	PT IN PRINCIPLE. ed Class ALT A" with "PD Requ ed Class ALT B" with "PD Requ P <b>87</b>	Lested Class mo	de B". # 5	Cl 33 Darshan, Y Comment 7 Editor I "2. The current We new	Yair <i>Type</i> <b>T</b> Note #2. a following case t balancing circu	Microsemi <i>Comment Status</i> X needs to be addressed: If PS itry, K_Icut may be lower (do E requirements when active	E is using active wn to 0.5) per ec	Pres: Darshans or passive pair-to-pair quation TBD."
PROPOSED ACCEP 2. Change "Requeste 3. Change "Requeste Cl 33 SC 33.2.6 Darshan, Yair Comment Type ER	PT IN PRINCIPLE. ed Class ALT A" with "PD Requ ed Class ALT B" with "PD Requ <i>P</i> 87 Microsemi <i>Comment Status</i> <b>D</b>	Lested Class mo	de B". # 5	Cl 33 Darshan, Y Comment 7 Editor I "2. The current We new	Yair <i>Type</i> <b>T</b> Note #2. a following case t balancing circu ed to adress PS fects Icut-2P, IL	Microsemi <i>Comment Status</i> X needs to be addressed: If PS itry, K_Icut may be lower (do E requirements when active	E is using active wn to 0.5) per ec	Pres: Darshans or passive pair-to-pair quation TBD."
PROPOSED ACCEP 2. Change "Requeste 3. Change "Requeste 2. 33 SC 33.2.6 Darshan, Yair Comment Type ER There is missing links SuggestedRemedy To add Editor Note p	PT IN PRINCIPLE. ed Class ALT A" with "PD Requ ed Class ALT B" with "PD Requ P 87 Microsemi Comment Status D s from the text in 33.2.6 to table	L <b>4</b> L <b>4</b> es 33-7, 33-7a a	de B". # 5 <i>Editorial</i> nd 33-7b.	Cl 33 Darshan, Y Comment T Editor I "2. The current We new that eff Suggested	'air <i>Type</i> <b>T</b> Note #2. a following case t balancing circu ed to adress PS fects Icut-2P, IL <i>Remedy</i>	Microsemi <i>Comment Status</i> X needs to be addressed: If PS itry, K_Icut may be lower (do E requirements when active	E is using active wn to 0.5) per ec or passive curren	Pres: Darshans or passive pair-to-pair quation TBD."
PROPOSED ACCEP 2. Change "Requeste 3. Change "Requeste Cl 33 SC 33.2.6 Darshan, Yair Comment Type ER There is missing links SuggestedRemedy To add Editor Note p "Editor Note: To add	PT IN PRINCIPLE. ed Class ALT A" with "PD Requed Class ALT B" with "PD Requed Class ALT B" with "PD Requed P 87 Microsemi Comment Status D s from the text in 33.2.6 to table prior to Table 33-7: missing links from the text in 3	L <b>4</b> L <b>4</b> es 33-7, 33-7a a	de B". # 5 <i>Editorial</i> nd 33-7b.	Cl 33 Darshan, Y Comment T Editor I "2. The current We new that eff Suggested	Yair <i>Type</i> <b>T</b> Note #2. e following case t balancing circu ed to adress PS fects Icut-2P, IL <i>Remedy</i> resentation and	Microsemi <i>Comment Status</i> X needs to be addressed: If PS itry, K_Icut may be lower (do E requirements when active of IM-2P.	E is using active wn to 0.5) per ec or passive curren	Pres: Darshant
PROPOSED ACCEP 2. Change "Requeste 3. Change "Requeste Cl 33 SC 33.2.6 Darshan, Yair Comment Type ER There is missing links SuggestedRemedy To add Editor Note p	PT IN PRINCIPLE. ed Class ALT A" with "PD Requed Class ALT B" with "PD Requed Class ALT B" with "PD Requed P 87 Microsemi Comment Status D s from the text in 33.2.6 to table prior to Table 33-7: missing links from the text in 3 Response Status W	L <b>4</b> L <b>4</b> es 33-7, 33-7a a	de B". # 5 <i>Editorial</i> nd 33-7b.	Cl 33 Darshan, Y Comment 7 Editor I "2. The current We new that eff Suggested See pro	Yair <i>Type</i> <b>T</b> Note #2. e following case t balancing circu- ed to adress PS fects Icut-2P, IL <i>Remedy</i> esentation and <i>Response</i>	Microsemi <i>Comment Status</i> X needs to be addressed: If PS uitry, K_Icut may be lower (do E requirements when active of IM-2P. proposed Remedy in darsham	E is using active wn to 0.5) per ec or passive curren	Pres: Darshans or passive pair-to-pair quation TBD."
PROPOSED ACCEP 2. Change "Requeste 3. Change "Requeste 2. Change "Requeste 3. Change "Requeste 2. 33 SC 33.2.6 Darshan, Yair Comment Type ER There is missing links SuggestedRemedy To add Editor Note p "Editor Note: To add Proposed Response	PT IN PRINCIPLE. ed Class ALT A" with "PD Requed Class ALT B" with "PD Requed Class ALT B" with "PD Requed P 87 Microsemi Comment Status D s from the text in 33.2.6 to table prior to Table 33-7: missing links from the text in 3 Response Status W	L <b>4</b> L <b>4</b> es 33-7, 33-7a a	de B". # 5 <i>Editorial</i> nd 33-7b.	Cl 33 Darshan, Y Comment T Editor I "2. The current We neu that eff Suggested See pro	Yair <i>Type</i> <b>T</b> Note #2. e following case t balancing circu- ed to adress PS fects Icut-2P, IL <i>Remedy</i> esentation and <i>Response</i>	Microsemi <i>Comment Status</i> X needs to be addressed: If PS uitry, K_Icut may be lower (do E requirements when active of IM-2P. proposed Remedy in darsham	E is using active wn to 0.5) per ec or passive curren	Pres: Darshans or passive pair-to-pair quation TBD."

C/ <b>33</b> Darshan, Yair	SC 33.2.7.4	P <b>101</b> Microsemi	L <b>34</b>	# 8	C/ <b>33</b> Darshan, Y	SC <b>33.3</b> Yair	7.3	P <b>132</b> Microsemi	L 11	# 9
signature value of k The text a Now it is o SuggestedRe Change:	For Type 3 a PDs, the val (Ipeak is 0. D above can be clear that for emedy	Comment Status X and Type 4 PSEs, operating ir ue of KIpeak is given by Equa Dual-Signature PDs TBD." updated after the discussion dual signature PDs with differ	ation 33-4a. For results of D1.3. rent class signa	all other cases the ture Kipeak=0 too.	To del From: "Cport ON sta pairse specifi	the responsive the responsive the test of test	e to the reme 'See PSE-PD -18 is the total SE sees wher E is connecte .6.	PD input capacitar	plementation mo nce during POW ngle-signature P PDs, Cport valu	Inrush o says: odel in Annex TBD." ER UP and POWER D over a pairset or both le requirements are
PDs, the KIpeak is To: "For Type PDs and	value of Klpe 0. Dual-Sign 9 3 and Type dual-signatur	4 PSEs, operating in 4-pair m tak is given by Equation 33-44 ature PDs TBD." 4 PSEs, operating in 4-pair m the PDs with the same class si uation 33-4a. For all other cas	a. For all other c node and conne gnature on each	cases the value of cted to single-signature n pairset, the value of	1. Cha "Cport ON sta pairse	ange from: t in Table 33 ates that a P	SE sees wher SE is connecte	n connected to a sir	ngle-signature P	ER UP and POWER D over a pairset or both le requirements are
Proposed Res TFTD Did we de	sponse	Response Status W unbalance to dual-sig PDs wi wer requirement?			states pairse specif See F	that a PSE ts. When PS ied in 33.3.7 igure 33-17.	sees when cou E is connecte .6." 1 for PSE-PD	nnected to a single-	-signature PD ov PDs, Cport valu	
					Proposed PROP	Response POSED REJI	Respor ECT.	nse Status W d by comment 221.		

ΕZ

C/ 33 SC 33A Darshan, Yair	.5	P 172 Microsemi	L <b>35</b>	# 10	C/ <b>33</b> Darshan, Ya	SC <b>33A.5</b> iir	P <b>190</b> Microsemi	L <b>21</b>	# 12
Comment Type T	Con	nment Status X		Pres: Darshan1	Comment Ty		Comment Status D		Editoria
Requested by ren	medy of comr	ment #5 from D1.3: r_max_PD, Rpair_min	_PD.		In the ec "For PD	yuations Type 4 class 8	3: RPair_max_PD = 2.200 *		0.125.
SuggestedRemedy 1. Add the followin					For PD	Type 3 class 6:	: RPair_max_PD = 2.010 * : RPair_max_PD = 1.800 * : RPair_max_PD = 1.750 *	RPair_min_PD +	0.080.
impedance. The effective resist the path e.g. the e =Veff_pd3/i3 as s	istance is the effective valu shown in Figu	n_PD represents PD c measured voltage Vel e of Rpair_max_PD =\ re 33A-1." bove text as described	ff_pd_i, divided b /eff_pd1/i1 and	, by the current through Rpair_min_PD	requiren and â in the "*" fo	nent will be nee the equation F or multipication	ne values shown in Table 3 eded to not exceed ICon-2F RPair_max_PD = alfa*RPai need to be "x". ns lines 20,22,24,26 and 29	P_unb by means c r_min_PD + beta.	of smaller constants á
Proposed Response	Resp	oonse Status W			SuggestedR	emedy			
wfp					Replace	e "*" with "x" in 9 00 lines 20,22,2			
Cl 33 SC 33.2 Darshan, Yair	2.7	P <b>96</b> Microsemi	L <b>50</b>	# 11	Proposed Re	•	Response Status W		
					FROFU	SED ACCEPT	IN PRINCIPLE.		
Comment Type T Table 33-11 item unbalance effects	5a Inrush-2P s.	nment Status X 2: Addressing the requi	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Pres: Darshan4 e 3 and 4 including			guide and make change if a rpe of multiplication sign us		cal comment?
Comment Type T Table 33-11 item unbalance effects Addressing PD C	5a Inrush-2P s.	P: Addressing the requi	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Č Č		cal comment?
Comment Type <b>T</b> Table 33-11 item unbalance effects Addressing PD C SuggestedRemedy	5a Inrush-2P s. port when PS	P: Addressing the requi	niting linrush.		Yair, is c EZ	changing the ty	pe of multiplication sign us	ed really a technic	
Comment Type T Table 33-11 item unbalance effects Addressing PD C SuggestedRemedy See darshan_04_ Proposed Response	5a Inrush-2P s. port when PS _1115.pdf for	e: Addressing the requi	niting linrush.		Yair, is c	changing the ty SC <b>33.3.7.10</b>	pe of multiplication sign us		cal comment? # <u>13</u>
Comment Type T Table 33-11 item unbalance effects Addressing PD C SuggestedRemedy See darshan_04_	5a Inrush-2P s. port when PS _1115.pdf for	P: Addressing the requi	niting linrush.		Yair, is c EZ C/ <b>33</b> Darshan, Ya Comment Ty	SC 33.3.7.10 SC T	pe of multiplication sign us	L 17	# <u>13</u> Pres: Darshan
Comment Type T Table 33-11 item unbalance effects Addressing PD C SuggestedRemedy See darshan_04_ Proposed Response	5a Inrush-2P s. port when PS _1115.pdf for	P: Addressing the requi	niting linrush.		Yair, is o EZ Cl 33 Darshan, Ya Comment Ty To adres added." D1.4 rec to the fa old text o be meas	SC 33.3.7.10 SC 33.3.7.10 ir /pe T ss Editors note quires in its Edi ct that it looks rather than Icol sured at worst of	rpe of multiplication sign us P <b>137</b> Microsemi <i>Comment Status</i> <b>X</b>	L 17 L 17 onger channel re to address longes restricted to sho	# <u>13</u> <i>Pres: Darshan</i> sistances need to be er channel as well due ort channel only per the er Icon-2P_unb should
Comment Type T Table 33-11 item unbalance effects Addressing PD C SuggestedRemedy See darshan_04_ Proposed Response	5a Inrush-2P s. port when PS _1115.pdf for	P: Addressing the requi	niting linrush.		Yair, is o EZ Cl 33 Darshan, Ya Comment Ty To adres added." D1.4 rec to the fa old text o	SC 33.3.7.10 SC 33.3.7.10 ir ype T ss Editors note quires in its Edi ct that it looks rather than lco sured at worst o	rpe of multiplication sign us P 137 Microsemi <i>Comment Status</i> X in line 17: "Editor's Note: L tor Note in page 137 line 1 that meeting Icon-2P_unb n-2P_unb has to be met at	L 17 L 17 onger channel re to address longes restricted to sho	# 13 Pres: Darshan, sistances need to be er channel as well due ort channel only per the er Icon-2P_unb should
Comment Type T Table 33-11 item unbalance effects Addressing PD C SuggestedRemedy See darshan_04_ Proposed Response	5a Inrush-2P s. port when PS _1115.pdf for	P: Addressing the requi	niting linrush.		Yair, is o EZ C/ 33 Darshan, Ya Comment Ty To adree added." D1.4 reo to the fa old text i be meas problem SuggestedR 1. Remo	SC 33.3.7.10 SC 33.3.7.10 ir ype T ss Editors note quires in its Edi ct that it looks rather than Ico sured at worst of yemedy ove Editor Note	rpe of multiplication sign us P 137 Microsemi <i>Comment Status</i> X in line 17: "Editor's Note: L tor Note in page 137 line 1' that meeting Icon-2P_unb n-2P_unb has to be met at case conditions i.e. short ca	L 17 L 17 onger channel re to address longes restricted to sho	# 13 Pres: Darshan sistances need to be er channel as well due ort channel only per the er Icon-2P_unb should
Comment Type T Table 33-11 item unbalance effects Addressing PD C SuggestedRemedy See darshan_04_ Proposed Response	5a Inrush-2P s. port when PS _1115.pdf for	P: Addressing the requi	niting linrush.		Yair, is o EZ C/ 33 Darshan, Ya Comment Ty To adree added." D1.4 reo to the fa old text i be meas problem SuggestedR 1. Remo	changing the ty SC 33.3.7.10 ir ype T ss Editors note quires in its Edi ct that it looks rather than loo sured at worst of cemedy ove Editor Note ge the text per	rpe of multiplication sign us P 137 Microsemi Comment Status X in line 17: "Editor's Note: L tor Note in page 137 line 1 that meeting Icon-2P_unb n-2P_unb has to be met at case conditions i.e. short case in line 17.	L 17 L 17 onger channel re to address longes restricted to sho	# <u>13</u> <i>Pres: Darshan</i> sistances need to be er channel as well due ort channel only per the er Icon-2P_unb should

C/ 33         SC 33.3.8         P 137         L 26         # 14           Darshan, Yair         Microsemi	C/ 33         SC 33.3.3.3         P 116         L 19         # 16           Darshan, Yair         Microsemi
Comment Type T Comment Status D Editorial	Comment Type TR Comment Status D PD S
Table 33-1-PD Maintain Power Signature should be Table 33-19. Same in page 138 Table 33-1a should be 33-19a	It looks that the PD state machine is not clearely defined the behaviour of SS PD and DS PD.
SuggestedRemedy	Example: It is possible that with dual-sig PD with different class signature, one of the modes will have MPS and the 2nd not. This case is not covered.
1. Change Table 33-1-PD Maintain Power Signature to Table 33-19. 2. Change in page 138 line 4 from Table 33-1a to Table 33-19a.	SuggestedRemedy
Proposed Response Response Status W	Add Editor Note at line 19 page 116:
PROPOSED ACCEPT IN PRINCIPLE.	"Editor Note: To review state machine that clearly specify behavior of single-signature and dual signature PDs regarding the detection , classification, powerup and power on requirements for each pairset/mode"
OBE by 90, 91	Proposed Response Response Status W
EZ	PROPOSED ACCEPT.
C/ 33 SC 33.2.6 P 85 L 52 # 15 Darshan, Yair Microsemi	EZ
Comment Type T Comment Status X PSE Classification	C/ 33 SC 33.2.4.7 P74 L 14 # 17
To clarify where in the spec one classification event + mark event consider to be multiple	Darshan, Yair Microsemi
event?	Comment Type TR Comment Status X
SuggestedRemedy	Clause 33.2.4.7 Figure 33-9a page 74 line 14:
If there is no existing definition, to add after line 52:	In the POWER_UP state, the physical layer 4PID confirmation is missing. IF (((sig_type = single) + (dll_4PID = 1)) *(mr_pse_alternative = both)) THEN
"Multiple-Event Physical Layer classification is at least one class event and one mark event"	SuggestedRemedy
	Change from:
Proposed Response Response Status <b>W</b> The definition is in the state diagram for type 3/4 PSEs. The text says all Type 3/4 PSEs	IF (((sig_type = single) + (dll_4PID = 1)) *(mr_pse_alternative = both)) THEN
use multiple event and the state diagram shows a single event followed by mark.	To: IF (((sig_type = single) + (dll_4PID = 1)+(pd_cls_4PID=TRUE)) *(mr_pse_alternative = both)) THEN
If this is not enough, TFTD adding suggested remedy.	Proposed Response Response Status W
	Where did "pd_cls_4PID" come from?

TFTD.

C/ 33     SC 33.2.4.7     P 74     L 14     # 18       Darshan, Yair     Microsemi	CI 33         SC 33.2.4.7         P 74         L 27         # 19           Darshan, Yair         Microsemi
Comment Type       TR       Comment Status       D       PSE SD         Dual Signature is not adressed in POWER_UP state       IF (mr_pse_alternative = a) THEN       alt_a_pwrd <= TRUE	Comment Type       TR       Comment Status D       PSE SE         Dual Signature is not adressed in POWER_ON state       IF (sig_type = single) THEN       IF ((dll_4PID = 0) +         IF ((dll_4PID = 0) +       (mr_pse_ss_mode = 0)) THEN       alt_a_pwrd <= TRUE
SuggestedRemedy         Add Editor Note after Figure 33-9a:         Editor's Note: To adress dual signature PD in POWER_UP state.         Proposed Response       Response Status         W	alt_a_pwrd <= TRUE alt_b_pwrd <= TRUE IF (mr_pse_alternative = a) THEN alt_a_pwrd <= TRUE IF (mr_pse_alternative = b) THEN alt_b_pwrd <= TRUE
PROPOSED REJECT. Power up of dual signature is taken care of by power_up[A] and power_up[B] on pages 76 and 78.	SuggestedRemedy Add Editor Note after Figure 33-9a: Editor's Note: To adress dual signature PD in POWER_ON state. Proposed Response Response Status W PROPOSED REJECT. Power up of dual signature is taken care of by power_on[A] and power_on[B] on pages 76 and 78.

C/ 33 SC 33.2.4.7 Darshan, Yair	P <b>74</b> Microsemi	L <b>27</b>	# 20		C/ <b>33</b> Darshan, N	SC <b>33.2.6</b> ⁄air		P <b>87</b> Microsemi	L 27	# 21
2.The other case were "alt_a_pwrd <= FALSE alt_b_pwrd <= TRUE" i "IF (sig_type = single) T	ate, the physical layer 4PID s not covered. HEN mr_pse_ss_mode = 0)) THE E		F	PSE SD	The te classif Note 2 "The E and PI chang In add	33-7-Physical xt: "NOTE 2- ication." Plooks not be Data Link Laye D to participat e one or more ition, this is al	Layer power Data Link Lay ong to this tal er classificatio e in dynamic times during so the right pl	ble, it is better to in n has finer power r power allocation w PD operation."	kes precedence tegrate it with lin resolution and th herein allocated e requirement th	PSE Class over Physical Layer hes 19-21 in page 88: he ability for the PSE power to the PD may hat PD Physical Layer
SuggestedRemedy 1. Change from "IF (sig_type = single) T	_pse_ss_mode = 0)) THEN				Suggested Propos 1.Rem 2.Chai "The D and Pl chang preced The Pl	Remedy sed Remedy love Note 2 fr nge the text in Data Link Laya D to participat e one or more dence over Ph hysical Layer	om Table 33-7 page 88 line er classificatio e in dynamic times during ysical Layer o classification	7. s 19-21 to be: n has finer power r	resolution and th herein allocated a Link Layer cla	
IF ((dll_4PID = 0) + (pd alt_a_pwrd <= TRUE alt_b_pwrd <= FALSI ELSE" 2. Add Editor Note after	_cls_4PID=FALSE) + (mr_p E		)) THEN		Proposed PROP I believ senter	Response OSED ACCE	Response PT IN PRINC ould still stay normative	se Status W IPLE. attached to this ta	ble. Also, the p	hysical layer class
Proposed Response	Response Status W /secondary updates that Chr	ris/Dylan were goi	ing to make.		and Pl chang preceo The Pl	D to participat e one or more dence over Ph hysical Layer	e in dynamic times during ysical Layer o classification		herein allocated a Link Layer cla	

C/ <b>33</b> SC <b>33.3.5</b> Darshan, Yair	P <b>104</b> Microsemi	L <b>43</b>	# 22	C/ <b>33</b> Darshan, Yair	SC 33.2.7.7	P <b>104</b> Microsemi	L <b>29</b>	# 23
Comment Type TR C Missing "Shall" in the follow "The Physical Layer classif across all input voltages an If "Shall" is not used, it will request more power than th SuggestedRemedy Change from: "The Physical Layer classif across all input voltages an To: "The Physical Layer classif draws across all input volta	Comment Status X ing text: ication of the PD is the m d operational modes." lead to interoperability iss are advertised physical lay ication of the PD is the m d operational modes."	sues when DLL i er class. aximum power t the maximum p	s used in a way to that the PD draws	Comment Typ The text in "When co power frou either pain is redunda The requi Power sha the "PSE SuggestedRea Change fr "When co power frou To: "When co	be <b>TR</b> In lines 12-14 nnected to a m both pairs rset." ant. rement is alr all be remove upperbound medy room: nnected to a m both pairs nnected to a	Comment Status X : single signature PD, a Type 3 ets before the current exceeds eady covered by previous line ed from a pairset PI of a PSE template" in Figure 33-14, Fig single signature PD, a Type 3 single signature PD, a Type 3	s the "PSE uppe s lines 10-12: before the pairs jure 33-14a, and 3 or Type 4 PSE s the "PSE uppe 3 or Type 4 PSE	erbound template" on et PI current exceeds d Figure 33-14b. E should (TBD) remove erbound template"
This will affect Type 1/2 as See 63.	written.			pairset." Proposed Res TFTD. 		ore the current exceeds the "F Response Status W	L 1	# 24
					e ER applies to w pages have medy	Philips Comment Status D hole document. a different font and fontsize fo Response Status W	or the page num	<i>Editoria</i> ber.

C/ 1 SC 1.4	P <b>20</b>	L <b>32</b>	# 25	CI <b>25</b>	SC 25.4.5		P <b>24</b>	L <b>3</b>	# 27
seboodt, Lennart	Philips			Yseboodt,	Lennart		Philips		
Comment Type ER C	Comment Status D		Editorial	Comment	Туре Т	Comment	Status X		Editoria
"Single-signature PD: A pro classification signature, and 802.3, Clause 33)."				deliver		g more than 13		Endpoint PSE or T power shall meet e	ype 2 or greater PD wither the"
'A property of a PD where it	t' Feels like a strange	construction to sa	ay this.	Suggested		inan powon			
SuggestedRemedy				00		mitter in a Tvn	e 2 or greater	Endpoint PSE or T	ype 2 or greater PD
"Single-signature: A proper	ty of a PD that shares th	ne same detection	n signature,					power shall meet e	
classification signature, and 802.3, Clause 33)."	d maintain power signati	ure between both	pairsets (see IEEE	Proposed I	,	Response a		ned (as this is clau	co 25)
Proposed Response Re	esponse Status 🛛 🛛 🛛 🛛 🛛 🖤			Should	i we put a point			ieu (as triis is ciau	se 25).
PROPOSED ACCEPT IN P	RINCIPLE.			TFTD					
See 26.				C/ 30	SC 30.9.1.1	.4	P 29	L 10	# 28
C/ 1 SC 1.4	P 20	L <b>32</b>	# 26	Yseboodt,		•	Philips		
Yseboodt, Lennart	Philips			Comment		Comment			Editoria
Comment Type ER C	Comment Status D		Editorial		UMERATED V PSE Pinout Alf		one of the folio	owing entries:	
"Dual-signature PD: A prop classification signature, and 802.3, Clause 33)."				spare	PSE Pinout Alt SE Pinouts on	ernative B	ve A and B		
602.3, Clause 33).				We ad	ded 'both' to thi	s in D1.4. A PS	SE does not ha	ave multiple pinouts	5.
'A property of a PD where it	t' Feels like a strange	construction to sa	ay this.	Suggested	Remedv				
SuggestedRemedy				00	e the 'both' line	:			
"Dual-signature: A property				both F	SE Pinout Alte	rnative A and A	Alternative B		
classification signatures, an		tures on each pa	irset."	Proposed I	Response	Response	Status W		
	esponse Status W			PROP	OSED ACCEP	Г.			
PROPOSED ACCEPT IN P	RINCIPLE.			EZ					
New wording would be nice	but your suggested ren	nedy is worse (in	my opinion).						
Llow dooo o proporty (of o F	D) have independent of	ian atura a 2							
How does a property (of a F	nave independent s ומי	ignatures?							

/ 30 SC 30.9.1.1.4 P 29 L 10 # 29	CI 33 SC 33 P1 L1 # 30
seboodt, Lennart Philips	Yseboodt, Lennart Philips
omment Type E Comment Status D Editorial	Comment Type E Comment Status D Editor
omment Type       E       Comment Status       D       Editorial         "The enumeration "both" indicates that the PSE Pinout uses both Alternative A and Alternative B for detection and power."       Reword.         uggestedRemedy       "The enumeration "both" indicates that the PSE pinout comprises of both Alternative A and Alternative B and both are used for detection and power."       roposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE.       "The enumeration "both" indicates that the PSE pinout comprises both Alternative A and Alternative B and both are used for detection and power."         EZ	Comment Type       E       Comment Status       D       Editor         General inconsistency, class is incorrectly using Capital letter at the following places.       33.2.4.4, page 64, line 52 and 53       33.2.4.4, page 65, line 31       33.2.4.5, page 57, line 34 and 35       33.2.6.1, page 86, line 5       33.2.6.1, page 90, line 17 and 20       33.2.6.2, page 91, line 35       33.2.6.2, page 91, line 35       33.2.6.2, page 92, line 5       33.2.7.10, page 109, line 13       33.3.3.3, page 115, line 37, 40, 43,48, 49, 52 and 53       33.3.3.3, page 116, line 52       33.3.3.3, page 117, line 1, 2, 38, 46 and 47       33.3.5.1, page 125, line 11       33.3.5.2, page 126, line 44       33.3.7.4, page 133, line 12         General rule: if we refer to a power Class (eg. Class 7), we capitalize.       Otherwise (eg. class event, class signature) we don't.       SuggestedRemedy         Change Class to class.       Proposed Response       Response Status       W         PROPOSED ACCEPT.       PROPOSED ACCEPT.       PROPOSED ACCEPT.
	EZ
	C/ 33         SC 33.2.7         P 97         L 40         # 31           Yseboodt, Lennart         Philips
	Comment TypeERComment StatusDEditorTable 33-11, Add Info, Item 19, Reference to 33.2.9 is not an XREF.
	SuggestedRemedy Fix.
	Proposed Response Response Status W PROPOSED ACCEPT.
	EZ

C/ 33 SC 33.2.7 Yseboodt, Lennart	P <b>98</b> Philips	L 16	# 32	C/ <b>33</b> Yseboodt, I	SC 33.2.7	P 99	L 28	# 34
Comment Type ER Table 33-11, Items 17, There is a lot of inform in section 33.2.9.1.2. SuggestedRemedy	Thinps Comment Status X 17a and 17b are for Ihold. ation crammed into these iter _Table_33_11_item17.pdf Response Status W	ns, some of whi	PSE MPS	Comment 7 Note 2 "2 Item "3 Item pair cu If yseb correct	Type ER and 3 below Ta 17 and 17a app 17b applies to rrents of the sar oodt_5_1115_Ta	bly to PSEs that implement M PSEs that implement MPS d	etection by meas	suring the sum of the
TFTD (show Table) Cl 33 SC 33.2.7 Yseboodt, Lennart Comment Type ER	P <b>99</b> Philips Comment Status X	L 28	# 33 Pres: Lennart6	"3 Item to chec Proposed F	17 applies to P 17a applies to k the MPS."	SEs that measure currents p PSEs that measure the sum Response Status W		
	limited to Class 3 power may be 3 PSE that is limited to Cla			C/ 33 Yseboodt, I	SC 33.2.7.4	P 100 Philips	L <b>4</b>	# 35
This note is no longer i yseboodt_6_1115_Pty	needed if proposed modificati pe_baseline_v1xx.pdf	ons to PType a	e adopted in	Comment T Refere	51	<i>Comment Status</i> <b>D</b> 1 is not an XREF.		Editoria
SuggestedRemedy Remove note 1.				Suggested Fix.	Remedy			
Proposed Response TFTD (wfp)	Response Status W			Proposed F PROP	Response OSED ACCEPT	Response Status W		
				EZ				

CI <b>33</b>	SC 3	3.2.7.1	P 100	L 17	# 36	CI 33	SC 33.	.2.7.4	P 100	L <b>47</b>	# 38
rseboodt,	Lennart		Philips			Yseboodt,	Lennart		Philips		
Comment <sup>·</sup>	Туре	TR	Comment Status D		PSE Power	Comment	Type E	R	Comment Status D		Editoria
POWE	R_ON s		E that is connected to a Cla transition between 2-pair a pon."			- acco	lades and	unit	3e are missing: bes the variables		
more c (eg. If a	clear.	6 PD get	e between assigned Class s power demoted to Class	·	5	Proposed	ccolades a <i>Response</i>		as well as variable description Response Status W	1.	
Suggested	Remedy	/				PROP	POSED AC	CEPT.			
			E that has assigned Class			EZ					
	ng after	the expira	nay transition between 2-p ation of T pon." <i>Response Status</i> <b>W</b>	air and 4-pair pov	wer at any time,	<i>CI</i> <b>33</b> Yseboodt,	SC 33. Lennart	.2.7.4	P <b>100</b> Philips	L <b>48</b>	# 39
	•	CCEPT.					ion 33-3c s		Comment Status <b>D</b> n-2P = Pclass-2P / Vpse. not match the adopted baselin	ne.	PSE Powe
C/ <b>33</b> /seboodt,		3.2.7.3	P <b>100</b> Philips	L <b>39</b>	# 37	Suggested Icon-2	dRemedy P = Pclass	s / Vpse			
Comment <sup>®</sup> Refere	•••	<b>ER</b> 3.4.6 is n	Comment Status <b>D</b> ot an XREF.		Editorial	Proposed PROP	Response POSED AC		Response Status W		
Suggested	lRemedy	/				EZ					
Fix. Proposed I PROP	•	se ACCEPT.	Response Status W			C/ <b>33</b> Yseboodt,	SC 33. Lennart	.2.7.4	P <b>101</b> Philips	L <b>24</b>	# 40
EZ	OOLD /					Comment A PSE		Γ <b>R</b> rently sι	<i>Comment Status</i> <b>X</b> pport a "double unbalance"	beak current.	Pres: Lennart1
						Suggested	dRemedy				
						See ys comm	_	0_1115	_Figure_33_14_v3xx.pdf (that	file addresses	more than just this
						Proposed TFTD	•		Response Status W		

C/ 33 SC 33.2.7.4.1 Yseboodt, Lennart	P <b>102</b> Philips	L <b>5</b>	# 41	C/ 33 SC 33.2.7.6 Yseboodt, Lennart	P <b>104</b> Philips	L 10	# 44
Comment Type ER " the maximum pair cu defined in Table 33-11 c Reword.	Comment Status <b>D</b> urrent due to E2EP2PRunb, during normal operating cond	is not exceeding litions."	<i>Editorial</i> I con-2P-unb as	Comment Type ER Reference to Equation SuggestedRemedy Fix.	Comment Status <b>D</b> 33-4 is not a hyperlink.		Editorial
SuggestedRemedy " the maximum pair cu	urrent does not exceed I con conditions due to unbalance <i>Response Status</i> <b>W</b>		ned in Table 33-11	Proposed Response PROPOSED ACCEPT EZ	Response Status W		
	N PRINCIPLE. urrent including unbalance do		con-2P-unb as	C/ 33 SC 33.2.7.6 Yseboodt, Lennart	P 104 Philips	L 11	# [45
Cl 33 SC 33.2.7.4.2 Yseboodt, Lennart		L <b>33</b>	# 42		Comment Status X Id may be greater than or eq e I CUT-2P threshold needs		
	Comment Status <b>D</b> ains only: "See Annex 33B".		Editorial		defined by Table 33-11. ch with what should be in Tal	ble 33-11.	
SuggestedRemedy Remove section but incl Proposed Response PROPOSED ACCEPT. EZ	lude text above as sentence Response Status W	with reference t	o Annex 33B.	SuggestedRemedy	nd Icut-2p max is defined by es. The definition is clear from <i>Response Status</i> <b>W</b>		·
C/ <b>33</b> SC <b>33.2.7.5</b> Yseboodt, Lennart	P <b>102</b> Philips	L <b>47</b>	# 43		pe based on total current (mi	nimum = Icon)?	
Comment Type ER Reference to 33.3.7.3 is SuggestedRemedy	Comment Status <b>D</b> s not an XREF.		Editorial	Cl 33 SC 33.2.7.6 Yseboodt, Lennart Comment Type ER	P <b>104</b> Philips Comment Status D	L 11	# 46 Editoria
Fix. Proposed Response PROPOSED ACCEPT. EZ	Response Status W			Reference to Figure 33 SuggestedRemedy Fix. Proposed Response PROPOSED ACCEPT	Response Status W		
				EZ			

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

C/ 33 SC 33.2.7.7 Yseboodt, Lennart	P <b>106</b> Philips	L 12	# 47	C/ 33         SC 33.2.7.11a         P 109         L 50         # 50           Yseboodt, Lennart         Philips         Filips         Filips         Filips
•	Comment Status X DNAME should be renamed.		Pres: Lennart6	Comment Type TR Comment Status D PSE Power original text: "This equates to a maximum IPort-2P current ITBDNAME defined in Equation 33-7c."
SuggestedRemedy Change I_TBDNAME t OBE if adopt yseboodt Proposed Response TFTD (wfp)	to I_LPS. :_6_1115_Ptype_baseline_v1 Response Status W	xx.pdf		I_LPS seems a reasonable name. SuggestedRemedy Change all occurences of I_TBDNAME to I_LPS
C/ 33 SC 33.2.7.7 Yseboodt, Lennart	P <b>106</b> Philips	L 12	# 48	Proposed Response Response Status W PROPOSED ACCEPT. EZ
	Comment Status <b>D</b> 33-7b and 33-7c for I_PSELT -2P min for T_CUT-2P min <		<i>Editorial Fix</i> /paste error.	C/ 33 SC 33.2.7.11a P 109 L 53 # 51 Yseboodt, Lennart Philips
SuggestedRemedy Change (3x) bottom ro	w to I_Con-2P for (T_CUT-2F	? min <= t).		Comment Type         E         Comment Status         D         Editoria           Inner brackets are not needed in the unnumbered equation on I_LPS.         Editoria         Editoria
Proposed Response PROPOSED ACCEPT	Response Status W			SuggestedRemedy Remove inner brackets.
EZ				Proposed Response Response Status W PROPOSED ACCEPT.
C/ 33 SC 33.2.7.7 Yseboodt, Lennart	P <b>108</b> Philips	L <b>5</b>	# 49	EZ
Comment Type ER Equation 33-7 is garble	Comment Status D ed.		Editorial	C/ 33         SC 33.2.7.11a         P 109         L 53         # 52           Yseboodt, Lennart         Philips
SuggestedRemedy Redo equation shrinkw	vrap.			Comment TypeTComment StatusDEditoria.Unit in equation (unnumbered I_LPS) is missing.
Proposed Response PROPOSED ACCEPT	Response Status W			SuggestedRemedy Add accolades, unit and where clause with variable description.
EZ				Proposed Response Response Status W PROPOSED ACCEPT.

ΕZ

C/ 33 SC 33.2.7.1	1a P 109	L <b>53</b>	# 53	C/ 33	SC 33.3.2	P 115	L7	# 56
Yseboodt, Lennart	Philips			Yseboodt, L	ennart	Philips		
Comment Type ER	Comment Status D		Editorial	Comment T	ype ER	Comment Status X		Types
Equation 33-7d (I_tbd	name) has no number.			"PDs ca	n be categoriz	ed as either Type 1, or Type	2, Type 3/SS, Ty	ype 3/DS, Type 4/SS or
SuggestedRemedy Number and label as 3	33-7d.			parame	ters."	13a shows the permissible PE		h supported
Proposed Response PROPOSED ACCEP	Response Status W				3-13a and sup are separate co	porting text combines 'signatu oncepts.	ure' and Type.	
				SuggestedF	Remedy			
EZ				Change		ed as either Type 1, Type 2,		4
C/ 33 SC 33.2.9.1 Yseboodt, Lennart	.2 P 113 Philips	L 10	# 54	PDs ca 33.2.5.0	n be constructe )a.	ed as single-signature or dual ne permissible PD types along	-signature as de	fined in 1.4 and
Comment Type E	Comment Status D		Editorial	Table 3	5-15a 5110W5 li	le permissible PD types along	g with supported	parameters.
" PD shall monitor e	ach pairset and use the appr	opriate I Hold lev	el shown in Table 33-	Change	Table 33-13a	to yseboodt_7_1115_Table_	33_13a_v1xx.pd	f
11." Table ref is not a hype	erlink.			Proposed R TFTD (s	esponse show Table)	Response Status W		
SuggestedRemedy								
Fix.				C/ 33	SC 33.3.2	P 115	L 28	# 57
Proposed Response	Response Status W			Yseboodt, L		Philips		
PROPOSED ACCEP	Г.			Comment T Referer	ype ER Ice to 33.3.8 is	Comment Status <b>D</b> not an XREF.		Editorial
EZ				SuggestedF	Remedy			
C/ 33 SC 33.3.2	P 115	L <b>7</b>	# 55	Fix.				
Yseboodt, Lennart	Philips			Proposed R	esponse	Response Status W		
Comment Type ER Table 33-13a is new n	Comment Status <b>D</b> naterial, but is formatted as 'c	changed'.	Editorial	PROPC	SED ACCEPT	·		
SuggestedRemedy				EZ				
,	on "Insert Table 33-13a as fol	llows:"						
Proposed Response PROPOSED ACCEP	Response Status W							
F7								

ΕZ

C/ 33 SC 33.3.2 P116 # 58 C/ 33 SC 33.3.4 P 123 L 6 # 61 L 16 Yseboodt, Lennart Yseboodt, Lennart Philips Philips Comment Type E Comment Status X Comment Type T Comment Status D **F**ditorial original text: "Editor's Note: Need to move two normative requirements from section 'V < 10.1V' the first V is not descriptive. 33.3.2." also on line 8. SuggestedRemedy Let's move them. Which two? Change to 'V\_PD < 10.1V' twice. SuggestedRemedy Proposed Response Response Status W TFTD PROPOSED ACCEPT. Proposed Response Response Status W TFTD ΕZ C/ 33 SC 33.3.5 P 123 L 39 # 62 C/ 33 SC 33.3.4 P 122 L 9 # 59 Yseboodt, Lennart Philips Philips Yseboodt, Lennart Comment Type T Comment Status X Comment Type E Comment Status D Editorial original text: "Editor's Note: The interaction of DLL and Physical Layer Classification needs original text: "Any PD may indicate the ability to accept power on both pairsets using TLV to be clarified. Comments are welcome." variable PD 4P-ID in Table 79-6b or TBD." SuggestedRemedy Clarify. Either: SuggestedRemedy - clarify editor's not as to which interaction is unclear, or - remove note. "Any PD may indicate the ability to accept power on both pairsets using TLV variable PD 4P-ID in Table 79-6b or other (TBD) means." Proposed Response Response Status W Proposed Response Response Status W I believe this is meant to draw comments such as 22. PROPOSED ACCEPT. C/ 33 SC 33.3.5 P123 L 46 # 63 F7 Yseboodt, Lennart Philips C/ 33 SC 33.3.4 P 122 / 43 # 60 Comment Type TR Comment Status X "The Physical Laver classification of the PD is the maximum power that the PD draws Yseboodt, Lennart Philips across all input voltages and operational modes." Comment Type E Comment Status D **F**ditorial 'V offset' has space in between. The intent is clear, a shall was forgotten. SuggestedRemedy SuggestedRemedy "The Physical Layer classification of the PD is the maximum power that a Type 1 or Type 2 Change to 'V\_offset' PD draws across all input voltages and operational modes. Proposed Response Response Status W PROPOSED ACCEPT. The advertised class during Physical Layer classification of the PD is the maximum power that a Type 3 or Type 4 PD shall draw across all input voltages and operational modes." F7 Proposed Response Response Status W TFTD. See 22

IEEE P802.3bt D1.4 4-Pair Power over Ethernet 7th Task Force review comments

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Comment ID 63

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C/ 33 SC 33.3.5.1	P 125	L <b>22</b>	# 64		2129 <i>L</i> 31	# 67
Yseboodt, Lennart <i>Comment Type</i> <b>ER</b> Table 33-16 Caption= " 'the' missing <i>SuggestedRemedy</i>	Philips <i>Comment Status</i> <b>D</b> 'Classification signature, mea	sured at PD PI"	Editorial	Yseboodt, Lennart Phi Comment Type ER Comment Statu Table 33-1 is not an XREF. SuggestedRemedy Fix.	•	Editoria
"Classification signatur Proposed Response PROPOSED ACCEPT. EZ	e, measured at the PD PI" Response Status W			Proposed Response Response Statu PROPOSED ACCEPT. EZ	s W	
C/ 33 SC 33.3.7 Yseboodt, Lennart	P <b>129</b> Philips	L 1	# 65	Cl 33 SC 33.3.7 F Yseboodt, Lennart Phi Comment Type E Comment Statu	•	# <u>68</u> Editoria
Comment Type ER Table 33-18 belongs to SuggestedRemedy Make sure Table is in f Proposed Response PROPOSED ACCEPT. EZ	Response Status W	sections should co	<i>Editorial</i> me after the table.	Table 33-18, Item 5, parameter name is in SuggestedRemedy Fix. Proposed Response Response Statu PROPOSED ACCEPT. EZ		
C/ 33 SC 33.3.7.1 Yseboodt, Lennart	P <b>129</b> Philips	L <b>30</b>	# 66	CI 33         SC 33.3.7         F           Yseboodt, Lennart         Phi	2 <b>129</b> <i>L</i> <b>45</b> lips	# 69
Comment Type ER	Comment Status D dd info, Font size inconsistend	N/	Editorial	Comment Type E Comment Statu Table 33-18, Item 1, Item 7 and Item 10 c only once.	_	PSE Power

C/ 33 SC 33.3.7 Yseboodt, Lennart	P <b>130</b> Philips	<i>L</i> 1	# 70	C/ 33 SC 33.3.7.3 Yseboodt, Lennart	P <b>132</b> Philips	L <b>6</b>	# 73
Comment Type ER	Comment Status D nal information column uses ir	nconsistent font	<i>Editorial</i> size.	Comment Type ER Reference to 33.2.7.4 is	Comment Status D		Editoria
SuggestedRemedy Fix.				SuggestedRemedy Fix.			
Proposed Response PROPOSED ACCEP	Response Status W			Proposed Response PROPOSED ACCEPT.	Response Status W		
EZ				EZ			
C/ 33 SC 33.3.7 Yseboodt, Lennart	P <b>130</b> Philips	L <b>50</b>	# 71	C/ 33 SC 33.3.7.5 Yseboodt, Lennart	P <b>133</b> Philips	L <b>41</b>	# 74
	Comment Status X stance within the range of valic	I Channel Resist	<i>Editorial</i>	Comment Type ER Reference to Figure 33- SuggestedRemedy	<i>Comment Status</i> <b>D</b> 18 is not a hyperlink.		Editoria
SuggestedRemedy with a series resis	stance within the range R_ch"			Fix.			
Proposed Response TFTD.	Response Status W			Proposed Response PROPOSED ACCEPT.	Response Status W		
Chair?				EZ			
C/ 33 SC 33.3.7.2 Yseboodt, Lennart	2 P 131 Philips	L <b>5</b>	# 72	C/ 33 SC 33.3.7.5 Yseboodt, Lennart	P <b>134</b> Philips	L 37	# 75
Comment Type ER	Comment Status D		Editorial	Comment Type ER Reference to Equation 3	<i>Comment Status</i> <b>D</b> 33-13a is not a hyperlink.		Editoria
"P Class_PD in Table	e 33-16a is determined by the	Class assigned	by the PSE."	SuggestedRemedy			
Further clarification is	s needed.			Fix.			
SuggestedRemedy				Proposed Response	Response Status W		
	ce: Class is determined by the nur the PD, as shown in Table 33-			PROPOSED ACCEPT.			
Proposed Response	Response Status W	r, iable 55-7a, e		EZ			
PROPOSED ACCEP							
EZ							

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C/ 33 SC 33.3.7.5 Yseboodt, Lennart	P <b>134</b> Philips	L <b>37</b>	# 76	<i>Cl</i> <b>33</b> <i>SC</i> <b>33.3.7.6</b> Yseboodt, Lennart	P <b>135</b> Philips	L 19	# 79
Comment Type ER Reference to Figure 33 SuggestedRemedy	Comment Status <b>D</b> -18 is not a hyperlink.		Editorial	Comment Type E 'single signature' is mi SuggestedRemedy	Comment Status <b>D</b> issing a dash.		Editorial
Fix.				Change to 'single-sigr	nature'.		
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response PROPOSED ACCEP	Response Status W		
EZ				EZ			
C/ 33 SC 33.3.7.5 Yseboodt, Lennart	P <b>134</b> Philips	L <b>48</b>	# 77	C/ 33 SC 33.3.7.6 Yseboodt, Lennart	P <b>135</b> Philips	L <b>29</b>	# 80
Section 33.2.6"	Comment Status D minimum power output by th ection 33.2.6 are not proper of rord Section. Response Status W			Comment Type E Type 1 description use b) to list requirements SuggestedRemedy Editor to check style of Proposed Response PROPOSED ACCEP	guide and apply. <i>Response Status</i> <b>W</b>	ents, whereas fol	Editorial lowing text uses a) and
PROPOSED ACCEPT. EZ				EZ	Dias	1.50	"
C/ 33 SC 33.3.7.6	P 135	L 14	# 78	Cl 33 SC 33.3.7.6 Yseboodt, Lennart	P <b>135</b> Philips	L <b>50</b>	# 81
Yseboodt, Lennart Comment Type ER	Philips Comment Status D		Editorial	<i>Comment Type</i> <b>E</b> Equation 33-14 has a	Comment Status D n italic 'mA' as unit at the end	that should be ne	Editorial on-italic.
	shall include C port as definition fic items in a Table anywhere		3 item 9."	SuggestedRemedy Change to 'mA' to nor	mal.		
SuggestedRemedy	shall include C port as defin		8."	Proposed Response PROPOSED ACCEP	Response Status W		
Proposed Response PROPOSED ACCEPT.	Response Status W			EZ			
EZ							

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

C/ 33 SC 33.3.7.6 Yseboodt, Lennart	P <b>136</b> Philips	L <b>3</b>	# 82	C/ 33 SC 33.3.7.6 Yseboodt, Lennart	P <b>136</b> Philips	L 13	# 85
Comment Type E Use spaces between nu also on line 24 SuggestedRemedy Add spaces between nu Proposed Response PROPOSED ACCEPT. EZ	umbers and units. Response Status W		Editorial	Reference to Equation 33- SuggestedRemedy Fix.	Comment Status D 14 is not a hyperlink. Response Status W		Editorial
C/ 33 SC 33.3.7.6 Yseboodt, Lennart	P <b>136</b> Philips	L7	# 83	C/ 33 SC 33.3.7.6 Yseboodt, Lennart	P <b>136</b> Philips	L 18	# 86
Comment Type ER Reference to Figure 33 SuggestedRemedy Fix. Proposed Response PROPOSED ACCEPT.	Comment Status D		Editorial	Reference to Figure 33-18 SuggestedRemedy Fix.	Comment Status D B is not a hyperlink. Response Status W		Editorial
EZ C/ 33 SC 33.3.7.6	P 136	L 12	# 84	C/ 33 SC 33.3.7.6 Yseboodt, Lennart	P <b>136</b> Philips	L <b>23</b>	# 87
Fix hyperlink + change SuggestedRemedy	-		Editorial	Comment Type E " the source impedance Fix hyperlink + change wo SuggestedRemedy " the source impedance	rding.		Editorial
" the source impedan Proposed Response PROPOSED ACCEPT. EZ	ce within 2.5% of R Ch as def <i>Response Status</i> <b>W</b>	iined in Table 33-1,"		Proposed Response F PROPOSED ACCEPT. EZ	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 Z/withdrawn SORT ORDER: Comment ID

C/ 33 SC 33.3.7.6 Yseboodt, Lennart	P <b>136</b> Philips	L <b>24</b>	# 88	C/ 33 SC 33.3.8 Yseboodt, Lennart	P <b>139</b> Philips	L <b>4</b>	# 91
Comment Type ER Reference to Equation : SuggestedRemedy Fix. Proposed Response PROPOSED ACCEPT. EZ	Comment Status D		Editorial	Comment Type E original text: "Table 33- table numbering broker SuggestedRemedy	Comment Status D 1a PD DC Maintain Power S o (references are correct to 3 aintain Power Signature Response Status W		Editoria
Cl 33 SC 33.3.7.10 Yseboodt, Lennart Comment Type TR "All Class 5 and higher any pair."	P 137 Philips <i>Comment Status</i> D PDs shall not exceed I con-	L <b>9</b> 2P-unb as defined	# 89 <i>PD Power</i> d in Table 33-11 on	Cl 33 SC 33.4.9.1.4 Yseboodt, Lennart Comment Type ER "Midspan PSEs intende	c P 151 Philips Comment Status D ed for operation with 10GBAS	L <b>36</b> SE-T (variants 5 a	# 92 <i>Editoria</i> and 6 in Clause
SuggestedRemedy	. This only applies for t>Tcu PDs shall not exceed I con- on any pair." <i>Response Status</i> <b>W</b>		than T_cut-2P min as	33.4.9.1)" Not an XREF. <i>SuggestedRemedy</i> Fix XREF and remove v <i>Proposed Response</i> PROPOSED ACCEPT.	Response Status W		
	P 138 Philips Comment Status D 1 PD Maintain Power Signat 6 (references are correct to 3 in Power Signature. Response Status W		# 90 Editorial	EZ			

ΕZ

C/ 33 SC 33.6.1										
Yseboodt, Lennart	P 159	L 23	# 93	C/ 33	SC 33.6	3.5	P 166	L <b>3</b>	# 95	
i Sebuul, Lennan	Philips			Yseboodt,	Lennart		Philips			
Comment Type T	Comment Status D		TLV	Comment	Туре Т		Comment Status D			Editorial
all mandatory parts of	entations that support Data Lir FIEEE Std 802.1AB-2009 shal	I support the Por	wer via MDI Type,		e 33-27 nor F class" via LL		33-28 implement new featu	es like "Reques	st power down" ar	nd
Length, Value (TLV) d in 33.6.3."	defined in 79.3.2 and shall sup	port the control	state diagrams defined	Suggestee	dRemedy					
We decided to have the	wo different subtype TLVs.						Type 3 and Type 4 LLDP fea luded in state diagrams"	atures Request	power down and	
See presentation "wer proposal.	ndt_1_1115_LLDP_Extension	s_vxxx.pdf" and	related baseline	Proposed	Response		Response Status W			
SuggestedRemedy				PROF	OSED ACC	EPT.				
	t support Data Link Laver clas	sification shall co	omply with all	EZ						
mandatory parts of IE	EE Std 802.1AB-2009 shall su	upport the Power	via MDI Type, Length,	01.00	SC 33B.	•	P 194	L <b>40</b>	# 96	
	n 79.3.2 and the Power via ME control state diagrams defined		s TLV defined in 79.3.7	C/ 33 Yseboodt,		3	P 194 Philips	L <b>40</b>	# 96	
Proposed Response	Response Status W			Comment			Comment Status D			Editorial
PROPOSED ACCEP				origina		catior	of Icon-2P_unb in step 6 c	onfirms PSE co		
"Implementations that	t support Data Link Layer clas	sification shall co	omply with all	(33-4t	o)."					
mandatory parts of IE	EE Std 802.1AB-2009; shall s	upport the Powe	r via MDI Type,	,	,	ading	o expect that Equation 33-4	b would be abo	ut current.	
mandatory parts of IE Length, Value (TLV) d	t support Data Link Layer class EE Std 802.1AB-2009; shall s defined in 79.3.2 and the Powe upport the control state diagrar	upport the Powe er via MDI Measu	r via MDI Type, urements TLV defined	,	, ng is misslea	ading	o expect that Equation 33-4	b would be abo	ut current.	
mandatory parts of IE Length, Value (TLV) of in 79.3.7; and shall su	EE Std 802.1AB-2009; shall s defined in 79.3.2 and the Powe upport the control state diagram P <b>159</b>	upport the Powe er via MDI Measu	r via MDI Type, urements TLV defined	Wordi <i>Suggested</i> "Verifi	, ng is misslea dRemedy	n-2P_	unb in step 6 confirms PSE			n
mandatory parts of IE Length, Value (TLV) o in 79.3.7; and shall su	EE Std 802.1AB-2009; shall s defined in 79.3.2 and the Powe upport the control state diagram	upport the Powe er via MDI Measu ms defined in 33	r via MDI Type, urements TLV defined 6.3."	Wordi Suggested "Verifi confo	, ng is misslea <i>Remedy</i> cation of Ico	n-2P_	unb in step 6 confirms PSE			n
mandatory parts of IE Length, Value (TLV) of in 79.3.7; and shall su Cl 33 SC 33.6	EE Std 802.1AB-2009; shall s defined in 79.3.2 and the Powe upport the control state diagram P <b>159</b>	upport the Powe er via MDI Measu ms defined in 33	r via MDI Type, urements TLV defined 6.3."	Wordi Suggestee "Verifi confo Proposed	ý is misslea <i>Remedy</i> cation of Ico mance to Ec <i>Response</i>	n-2P_ quatior	unb in step 6 confirms PSE n (33-4b)."			n
mandatory parts of IE Length, Value (TLV) of in 79.3.7; and shall su Cl 33 SC 33.6 Yseboodt, Lennart Comment Type ER "Type 2, Type 3 and T	EE Std 802.1AB-2009; shall s defined in 79.3.2 and the Powe upport the control state diagrar <i>P</i> <b>159</b> Philips	upport the Powe er via MDI Measu ns defined in 33 <i>L</i> 36 than Class 3 pow	r via MDI Type, urements TLV defined .6.3." # 94 <i>Editorial</i> ver levels, or Type	Wordi Suggestee "Verifi confo Proposed PROF	ý is misslea <i>Remedy</i> cation of Ico mance to Ec <i>Response</i>	n-2P_ quation EPT II	unb in step 6 confirms PSE n (33-4b)." <i>Response Status</i> <b>W</b> N PRINCIPLE.			n
mandatory parts of IE Length, Value (TLV) of in 79.3.7; and shall su Cl 33 SC 33.6 Yseboodt, Lennart Comment Type ER "Type 2, Type 3 and T 3/DS and Type 4/DS I	EE Std 802.1AB-2009; shall s defined in 79.3.2 and the Powe apport the control state diagran P 159 Philips Comment Status D Type 4 PDs that require more	upport the Powe er via MDI Measu ns defined in 33 <i>L</i> 36 than Class 3 pow classification (se	r via MDI Type, urements TLV defined 6.3." # 94 <i>Editorial</i> ver levels, or Type e 33.3.5)."	Wordi Suggestee "Verifi confo Proposed PROF Also,	ng is misslea dRemedy cation of Ico mance to Eo Response POSED ACC replace step	n-2P_ quation EPT II 1) witl	unb in step 6 confirms PSE n (33-4b)." <i>Response Status</i> <b>W</b> N PRINCIPLE.	RPair_max and		n
mandatory parts of IE Length, Value (TLV) of in 79.3.7; and shall su Cl 33 SC 33.6 Yseboodt, Lennart Comment Type ER "Type 2, Type 3 and T 3/DS and Type 4/DS I Signature and Type a	EE Std 802.1AB-2009; shall s defined in 79.3.2 and the Powe apport the control state diagrar P 159 Philips Comment Status D Type 4 PDs that require more PDs support Data Link Layer of	upport the Powe er via MDI Measu ns defined in 33 <i>L</i> 36 than Class 3 pow classification (se	r via MDI Type, urements TLV defined 6.3." # 94 <i>Editorial</i> ver levels, or Type e 33.3.5)."	Wordi Suggestee "Verifi confo Proposed PROF Also,	ng is misslea dRemedy cation of Ico mance to Eo Response POSED ACC replace step	n-2P_ quation EPT II 1) witl	unb in step 6 confirms PSE n (33-4b)." <i>Response Status</i> <b>W</b> N PRINCIPLE. n:	RPair_max and		n
mandatory parts of IE Length, Value (TLV) of in 79.3.7; and shall su Cl 33 SC 33.6 Yseboodt, Lennart Comment Type ER "Type 2, Type 3 and T 3/DS and Type 4/DS I Signature and Type a SuggestedRemedy "Type 2, Type 3 and T	EE Std 802.1AB-2009; shall s defined in 79.3.2 and the Powe upport the control state diagrar P 159 Philips Comment Status D Type 4 PDs that require more PDs support Data Link Layer of	upport the Powe er via MDI Measu ns defined in 33 <i>L</i> 36 than Class 3 pow classification (se eviation Type x/E than Class 3 pow	r via MDI Type, urements TLV defined .6.3." # 94 <i>Editorial</i> ver levels, or Type e 33.3.5)." DS should not be used.	Wordi Suggestee "Verifi confo Proposed PROF Also, 1) Use	ng is misslea dRemedy cation of Ico mance to Eo Response POSED ACC replace step	n-2P_ quation EPT II 1) witl	unb in step 6 confirms PSE n (33-4b)." <i>Response Status</i> <b>W</b> N PRINCIPLE. n:	RPair_max and		n
mandatory parts of IE Length, Value (TLV) of in 79.3.7; and shall su Cl 33 SC 33.6 Yseboodt, Lennart Comment Type ER "Type 2, Type 3 and T 3/DS and Type 4/DS I Signature and Type a SuggestedRemedy "Type 2, Type 3 and T	EE Std 802.1AB-2009; shall s defined in 79.3.2 and the Powe apport the control state diagrar P <b>159</b> Philips Comment Status <b>D</b> Type 4 PDs that require more re separate entities. The abbre	upport the Powe er via MDI Measu ns defined in 33 <i>L</i> 36 than Class 3 pow classification (se eviation Type x/E than Class 3 pow	r via MDI Type, urements TLV defined .6.3." # 94 <i>Editorial</i> ver levels, or Type e 33.3.5)." DS should not be used.	Wordi Suggestee "Verifi confo Proposed PROF Also, 1) Use	ng is misslea dRemedy cation of Ico mance to Eo Response POSED ACC replace step	n-2P_ quation EPT II 1) witl	unb in step 6 confirms PSE n (33-4b)." <i>Response Status</i> <b>W</b> N PRINCIPLE. n:	RPair_max and		n

C/ 33 SC 33D.1 (seboodt, Lennart	P <b>197</b> Philips	L 11	# 97	C/ 33 SC 33D.1 Yseboodt, Lennart	P <b>198</b> Philips	L 37	# 100
Comment Type E "The following table sho	Comment Status D ws Single-Signature classifi	cation for Type 3	<i>Editorial</i> and Type 4 PSEs."	Comment Type E Co Bottom line of table missing	omment Status D		Editoria
SuggestedRemedy "Table 33D-1 shows sing	gle-signature classification	for Type 3 and Ty	vpe 4 PSEs."	SuggestedRemedy Draw bottom line.			
Proposed Response PROPOSED ACCEPT I	Response Status W N PRINCIPLE.			Proposed Response Res PROPOSED ACCEPT IN PR	sponse Status W RINCIPLE.		
OBE by 151				OBE by 151			
EZ				EZ			
C/ 33 SC 33D.1 /seboodt, Lennart	P <b>197</b> Philips	L 17	# 98	C/ 33 SC 33.2.4.4 Yseboodt, Lennart	P <b>1</b> Philips	L 1	# 101
Comment Type E Table is open at the bott also on page 197 and 19 SuggestedRemedy Close Table. Proposed Response PROPOSED ACCEPT I OBE by 151 EZ	98. Response Status W		Editorial	No spaces between Variable 33.2.4.4, page 61, line 38 33.2.4.4, page 62, line 17 33.2.4.4, page 63, line 44 SuggestedRemedy Add spaces.	and description.		Editoria
C/ 33 SC 33D.1 /seboodt, Lennart	P <b>197</b> Philips	L <b>50</b>	# 99				
Comment Type E Bottom line of table miss	Comment Status D		Editorial				
SuggestedRemedy Draw bottom line.							
Proposed Response PROPOSED ACCEPT I	Response Status W N PRINCIPLE.						
OBE by 151							

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

C/ <b>33</b>	SC 33	P 43	L 1	# 102	Cl <b>33</b>	SC 33.1.4	P 46	L <b>20</b>	# 104
Yseboodt,		Philips			Yseboodt,		Philips		
Comment	51	Comment Status X		Editorial	Comment	51	Comment Status D		Editoria
		me very complicated. See pres	sentation to start	a new Clause.		33-1 uses Clas	ses to indicate the maximum r	nominal power. I	he concept of Class is
Suggested					Suggested				
See ys	seboodt_1_11	15_newclause_v1xx.pdf			•••	•	to the header of the firs colun	nn.	
	ement all com	ments on D1.4 into D1.5 as int			Note to 33-1.	o read: "See Ta	able 33-7 for a mapping of Clas	ss to PSE output	power" below Table
only th		se (133?) and copy the conten scribes Type 3 and Type 4 beh			Proposed PROP	Response POSED ACCEP	Response Status W		
		from latest maintenance proje	ct (but implemen	t pending MRs)	EZ				
Proposed I	Response	Response Status W			EZ				
TFTD					CI 33	SC 33.1.4	P <b>46</b>	L <b>23</b>	# 105
C/ 33	SC 33.1.4	P 46	L 17	# 103	Yseboodt,	Lennart	Philips		
/ 33 /seboodt,		Philips	217	# 103	Comment	•••	Comment Status D		Editoria
Comment	Туре Е	Comment Status D	laximum PSF Cla	Editorial			per 14.4 and 14.5 (Class D or zed.	Category 5 recon	nmended)"
					Suggested	dRemedy			
	istent capitali	zation.			chang	e to 'Twisted'.			
Suggested					Proposed	Response	Response Status W		
0		power parameters vs maximur	n PSE Class"		PROP	OSED ACCEP	чт.		
Proposed I PROP	Response OSED ACCE	Response Status W PT.			EZ				
EZ					CI 33	SC 33.1.4	P 46	L <b>44</b>	# 106
					Yseboodt,	Lennart	Philips		
					Comment	Туре Е	Comment Status X		Editoria
							t on one twisted pair in the mu risting multiple times?	lti-twisted pair ca	ble."
					Suggested	Remedy			
					"I Cab	le is the curren	t on one twisted pair in the twis	sted pair cable."	
					Proposed	Response	Response Status W		
							Do we want to change it? I un sted pairs in the cable and this		

C/ 33 SC 33.2.0a Yseboodt, Lennart	P <b>48</b> Philips	L 11	# 107	<i>Cl</i> <b>33</b> <i>SC</i> <b>33.2.4.</b> 1 Yseboodt, Lennart	P <b>58</b> Philips	L <b>5</b>	# 109
Comment Type E "Table 33-1a summari Table ref is not a hype SuggestedRemedy Fix.	Comment Status <b>D</b> zes the permissible PSE Type rlink.	es along with su	<i>Editorial</i> pported parameters."	4, Table 33-10, and T D1.4:			Editorial
Proposed Response PROPOSED ACCEPT EZ	Response Status W			Detection timing requ Classification timing r Autoclass timing requ	ning requirements are specifie irements are specified in Tab equirements are specified in irements are specified in Tab requirements are specified in	le 33-4. Table 33-10. ble 33-10a.	
C/ 33 SC 33.2.4 (seboodt, Lennart	P <b>57</b> Philips	L <b>49</b>	# 108	Comment #58 chang Was that shall redund	ed this but also removed the v lant ?	word 'shall'.	
Example: ovld_det_b A variable indicating Values:False: The PSI	Comment Status D variale list, the first value com E has not detected an overloa tected an overload condition	ad condition on A	Alternative B.	Detection timing shal Classification timing s Autoclass timing shal	ning shall meet the requirement meet the requirements as sp shall meet the requirements a l meet the requirements as sp	pecified in Table 33 as specified in Table pecified in Table 33	-4. 9 33-10. I-10a.
	reatly improved if we introduc r indented on a second line.	ces a newline af	er "Values:" and start	Proposed Response PROPOSED ACCEP	shall meet the requirements a Response Status W T IN PRINCIPLE.	are specified in Tac	ne 33-11.
Proposed Response PROPOSED ACCEPT	Response Status W			The shall was redunt	ant because all of those table	s have shalls assoc	ciated with them.
<b>E7</b>				No changes result fro	m accepting this comment		

ΕZ

	Philips			Yseboodt, Lennart	Philips		
Comment Type E "If the PSE cannot supply new detection cycle befor				Comment Type <b>T</b> Variable PSE_avail_ diagram a needless h	Comment Status <b>D</b> owr is off-by-one with the Class	s number, causing	<i>Editorial</i> g a reader of the class
Wrong way to refer (don`t SuggestedRemedy "If the PSE cannot supply new detection cycle befor Proposed Response	power within T pon , it ini		ssfully completes a	SuggestedRemedy Do not use value 0 fo values. Proposed Response PROPOSED ACCEP	r PSE_avail_pwr and this mat <i>Response Status</i> <b>W</b> T.	ches Class no. wi	ith PSE_avail_pwr
PROPOSED ACCEPT.				EZ			
EZ		/ 00	# 111	<i>Cl</i> <b>33</b> <i>SC</i> <b>33.2.4.</b> 4 Yseboodt, Lennart	P 60 Philips	L <b>33</b>	# 114
/seboodt, Lennart Comment Type E PD_4pair_candidate shou	P <b>59</b> Philips <i>Comment Status</i> <b>D</b> Ild be gone, there is a PD	L <b>20</b> _4pair_cand alrea	Editorial	Comment Type E 'ramp of voltage' is st also on line 41 SuggestedRemedy	·		Editorial
PROPOSED ACCEPT.	date from editing instruction Response Status W	on.		change to 'ramp up o Proposed Response PROPOSED ACCEP EZ	Response Status W		
EZ Z 33 SC 33.2.4.4	P 60	L <b>3</b>	# 112	C/ 33 SC 33.2.4.4 Yseboodt, Lennart	P 63 Philips	L <b>40</b>	# 115
/seboodt, Lennart	Philips			Comment Type E	Comment Status D		Editorial
Comment Type E "A variable indicating if the condition (see 33.2.7.6) for				'ramp of voltage' is st SuggestedRemedy change to 'ramp up o	range.		
Reword.				Proposed Response	Response Status W		
SuggestedRemedy "A variable indicating if the condition (see 33.2.7.6) for				PROPOSED ACCEP	Т.		
, , ,	Response Status W						
EZ							

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

C/ 33 SC 33.2.4. Yseboodt, Lennart	<b>.5</b> <i>P</i> <b>67</b> Philips	L 14	# 116	Cl 33 SC 33.2.4.7 Yseboodt, Lennart	P <b>76</b> Philips	L <b>41</b>	# 119
Comment Type E	Comment Status <b>D</b> s function returns the following	variables:"	Editorial	Comment Type E Figure 33-9b on page 76 is	Comment Status D	inued)" in the figu	Editorial ure caption.
also on line 28. SuggestedRemedy				SuggestedRemedy Add 'continued'. Proposed Response	Response Status W		
Change 'variables' to Proposed Response PROPOSED ACCEI	Response Status W			PROPOSED ACCEPT.			
EZ				C/ 33 SC 33.2.4.7 Yseboodt, Lennart	P <b>80</b> Philips	L <b>7</b>	# 120
C/ 33 SC 33.2.4. Yseboodt, Lennart	5 P 68 Philips	L 18	# 117	Comment Type TR	Comment Status X		Pres: Lennart2
Comment Type E Indentation below "S also on line 19. SuggestedRemedy	Comment Status <b>D</b> Signature_A" is incorrect.			The Type 3/4 state machir 2P, 4P single-sig and 4P o In addition we also need a SuggestedRemedy yseboodt 2_1115_mps_st	dual-sig. double MPS monitoring s		
Fix ident. Proposed Response PROPOSED ACCE	Response Status W			Proposed Response F wfp	Response Status W		
EZ				<i>Cl</i> <b>33</b> <i>SC</i> <b>33.2.5.0a</b> Yseboodt, Lennart	P <b>81</b> Philips	L <b>6</b>	# 121
Cl 33 SC 33.2.4. Yseboodt, Lennart	5 P 69 Philips	L <b>24</b>	# 118	Comment Type E " of a PD as specified in	Comment Status D clause 33.2.6."		Editoria
Comment Type E Indentation below pa	Comment Status <b>D</b> arameter type is incorrect.		Editorial	SuggestedRemedy " of a PD as specified in	33.2.6."		
SuggestedRemedy Fix.				Proposed Response F PROPOSED ACCEPT.	Response Status W		
Proposed Response PROPOSED ACCEI	Response Status W			EZ			
<b>F</b> 7							

ΕZ

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

Comment Type E			
original text: "the result and the results of other Reference is not correc		ribed in 33.2.5.0	Editorial
SuggestedRemedy Change to 33.2.5.0a			
Proposed Response PROPOSED ACCEPT.	Response Status W		
EZ			
C/ 33 SC 33.2.6 Yseboodt, Lennart	P <b>85</b> Philips	L <b>38</b>	# 123
between Type 1, Type	Comment Status <b>D</b> entification allows Type 2, Ty 2, Type 3 and Type 4 single- vely) and Type 3 and Type 4 spectively)."	signature PDs (a	bbreviated Type 3/SS
Since the 'signature' is them as such here.	a property of a PD and not p	art of the Type, v	ve should not combine

SuggestedRemedy

"Additionally, mutual identification allows Type 2, Type 3 or Type 4 PSEs to differentiate between Type 1, Type 2, Type 3 and Type 4 PDs."

# Proposed Response Response Status W

PROPOSED ACCEPT.

ΕZ

CI 33	SC 3	3.2.6		P <b>85</b>	L <b>48</b>	# 124
Yseboodt,	, Lennart		I	Philips		
Comment	Туре	Е	Comment St	atus X		Editorial
	d the PD er of pow			event with a	current represent	ing one of a limited
power	r classifica	ations is	not a defined te	erm.		
Suggeste	dRemedy					
			s to each class signatures."	event with a	current represent	ing one of a limited
Proposed	Respons	е	Response Sta	atus W		
power	r classifica	ations wa	is used in the A	T spec and	is the title of table	33-7.
TFTD						
Cl 33 Yseboodt.	SC 3:	3.2.6		P <b>85</b> Philips	L <b>48</b>	# 125
C/ <b>33</b> Yseboodt,	SC 3: , Lennart			Philips	L 48	# 125
Cl 33 Yseboodt, Comment "Phys	SC 3: , Lennart <i>Type</i> ical Layer	<b>T</b> r classific	Comment St	Philips <i>tatus</i> <b>X</b> efore a PSE		# 125
Cl 33 Yseboodt, Comment "Phys asser	SC 3: , Lennart <i>Type</i> ical Layer ts a voltag	T r classific ge onto a	Comment St ation occurs be pairset and the	Philips Fatus X efore a PSE e PD"		a PD when the PSE
Cl 33 Yseboodt, Comment "Phys asser	SC 3: , Lennart <i>Type</i> ical Layer ts a voltag	T r classific ge onto a ude appl	Comment St ation occurs be pairset and the	Philips Fatus X efore a PSE e PD"	supplies power to	a PD when the PSE
Cl 33 Yseboodt, Comment "Phys asser Seem Suggested "Phys	SC 3: , Lennart <i>Type</i> , ical Layer ts a voltag us to precl <i>dRemedy</i> , ical Layer	T r classific ge onto a ude appl	Comment St ation occurs be pairset and the ying the class v	Philips Patus X efore a PSE e PD" voltage on bo	supplies power to oth pairsets at the supplies power to	a PD when the PSE
Cl 33 Yseboodt, Comment "Phys asser Seem Suggested "Phys	SC 3: , Lennart <i>Type</i> , ical Layer ts a voltag us to precl <i>dRemedy</i> , ical Layer ts a voltag	T r classific ge onto a ude appl r classific ge onto o	Comment St ation occurs by pairset and the ying the class w ation occurs be	Philips <i>atus</i> <b>X</b> efore a PSE e PD" voltage on bo efore a PSE sets and the	supplies power to oth pairsets at the supplies power to	a PD when the PSE same time.

We should think through how this effects the rest of the text dealing with the PD responding to that voltage and producing a current (on that pairset, on both pairsets, etc.).

			Yseboodt, Lennart	Philips		
Comment Type ER Comment Status D "If the PD connected to the PSE performs Autoclass	(see 33.3.5.3 ai	<i>Editorial</i> nd Annex 33C)"		Comment Status X g the row that describes Type 1 Assign Class 0, 15.4W).	and Type 2 powe	PSE Class er demotion (Request
Missing reference to PSE Autoclass section.			SuggestedRemedy	, , ,		
SuggestedRemedy "If the PD connected to the PSE performs Autoclass 33C)"	(see 33.2.6.3, 3	3.3.5.3, and Annex	Add row as second 4^Note, 1, 0, 15.4 W With Table Note 3:	I		
Proposed Response Response Status W			"Only for Type 1 and			
PROPOSED ACCEPT.			Proposed Response	Response Status W d by having Type 1/2 assign cla	an 2 in this area	(na hahaviar ahanga)
EZ				a by having Type 1/2 assign dia		(no benavior change).
C/ 33 SC 33.2.6 P 86	L 32	# 127	TFTD.			
'seboodt, Lennart Philips	_ 02	Editorial	<i>Cl</i> <b>33</b> <i>SC</i> <b>33.2.6</b> Yseboodt, Lennart	P <b>87</b> Philips	L <b>23</b>	# 129
Comment Type ER Comment Status D " the PSE may set its minimum power output based Autoclass,"	d on the power o		Comment Type ER Table 33-7 uses a fo	Comment Status D	is inconsistent w	Editorial ith other Tables in 33.
This power is called P_Autoclass.			SuggestedRemedy Make formatting cor	nsistent with eg. Table 33-1.		
SuggestedRemedy " the PSE may set its minimum power output based during the Autoclass measurement window,"	d on P_Autoclas	ss, the power drawn	Proposed Response PROPOSED ACCE	Response Status W		
Proposed Response Response Status W PROPOSED ACCEPT.			EZ			
EZ			C/ 33 SC 33.2.6 Yseboodt, Lennart	P <b>89</b> Philips	L <b>4</b>	# 130
			Comment Type E Table 33-8 Table is center aligr Also, contains redur	Comment Status <b>D</b> ned, not consistent with other tandant first row.	bles.	Editoria
			SuggestedRemedy - Delete Row 1 - Left align where ne	eeded		
			Proposed Response PROPOSED ACCE	Response Status W		
			EZ			

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

CI <b>33</b>	SC 33.2.6.2	P <b>92</b>	L 23	# 131	CI 33	SC 33.2.6.3	P <b>94</b>	L 17	# 133
seboodt	, Lennart	Philips			Yseboodt	, Lennart	Philips		
Comment	туре т	Comment Status D		Editorial	Comment	Type ER	Comment Status D		Editoria
		nsistency in the Class signat			Unne	eded underline o	n last character.		
		nAMay be class signature 0 nAEither class signature 1 o			Suggeste Remo	dRemedy ove underline.			
The other grey zones also use "Either"					Proposed	Response	Response Status W		
Suggeste	dRemedy				•	, POSED ACCEPT	,		
Repla	ace Column 2, Rov	w 2 by "Either class signatur	e 0 or 1"						
Proposed	Response	Response Status 🛛 🛛 🛛 🛛 🛛 🖉			EZ				
PROF	POSED ACCEPT.				CI 33	SC 33.2.6.3	P <b>94</b>	L <b>46</b>	# 134
EZ					Yseboodt	, Lennart	Philips		
					Comment	Type ER	Comment Status D		Editoria
C/ <b>33</b> /seboodt	SC <b>33.2.6.3</b> , Lennart	P <b>94</b> Philips	L <b>12</b>	# 132	"P_ao in Wa		num margin the PSE must ad	d to the measure	ed power P Autoclass
Comment	Type ER	Comment Status D		Editorial	The w	vord 'must' should	l not be used.		
		utoclass shall measure the p			Suggeste	dRemedv			
33-10		ounded by T_AUTO_PSE1 the transition of the POWEF			00	_margin is minin	num margin the PSE adds to	the measured po	ower P Autoclass in
Defer					Proposed	Response	Response Status W		
	to variable P_Aut this shall is uncon	iditional to the PD requesting	g Autoclass or no	ot.	PROF	POSED ACCEPT	IN PRINCIPLE.		
Suggeste	dRemedy				This r	needs to be chan	ged, but where is this number	/equation used.	It is no longer
	PSE implements measure P_Autoc	Autoclass and the connecte lass.	ed PD performs A	Autoclass, the PSE		enced in the text.			Jan San San San San San San San San San S
bound T_AU	ded by T_AUTO_F ITO_PSE1 and T_	er consumption of a connect PSE1 and T_AUTO_PSE2, c AUTO_PSE2 timing is refer ARAMETERS state to the P	defined in Table 3 enced from the t	33-10a. ransition of the					
Proposed	Response	Response Status W							
PROF	POSED ACCEPT.								

C/ 33 Yseboodt,	SC 33.2.7 Lennart	P <b>95</b> Philips	L 9	# 135	C/ <b>33</b> Yseboodt,	SC 3: Lennart	3.2.7	P <b>96</b> Philips	L <b>33</b>	# 136			
Comment	Type <b>TR</b>	Comment Status X		PSE Power Removal	Comment	Туре	TR	Comment Status X		Unbalance			
Also ( "Wher power either	"Power may be removed from both pairsets any time power is removed from one pairset." Also (page 104, line 29): "When connected to a single signature PD, a Type 3 or Type 4 PSE should (TBD) remove power from both pairsets before the current exceeds the "PSE upperbound template" on either pairset." A Type 3/4 PSE supplying power Class 5 or greater, must do this over 4P.						In Table 33-11 we have Icon-2P_unb which specifies the minimum unbalanced current a PSE must be able to supply. It is specified for Class 5 through 8. If a PD assigned Class 4 or lower is getting 4P power, there is no limit to the amount of unbalance. This is currently not specified.						
lf a pa	airset is shut de	Suggested	•		Somed.								
that ex	If a pairset is shut down, for whatever reason, the PSE now operates in an incorrect mode that may persist forever (depending on PD consumption & ICut value), with cable current that exceeds lcable. PSEs should not operate in incorrect modes. SuggestedRemedy Add after "Power may be removed from both pairsets any time power is removed from one pairset.": "Power shall be removed from both pairsets within (TBD time) any time power is removed from one pairset, when connected to a single-signature PD assigned to Class 5 or higher." Remove "When connected to a single signature PD, a Type 3 or Type 4 PSE should (TBD) remove power from both pairsets before the current exceeds the "PSE upperbound template" on either pairset." from page 104/line 29.					-		a for Class 0-4 setting Icon-	2P_unb to I_Co	n:			
Suggested						4a, Pairset current including unbalance for Class 0-4, Icon-2p_unb, A, I_Con, 3, See 33.2.7.4 and 33.2.7.4.1.							
pairse "Powe						Addressed in yseboodt_3_1115_Table_33_11_item4a.pdf Proposed Response Response Status W							
Remo remov						(show ne SC 3: Lennart		) P <b>96</b> Philips	L 33	# 137			
	Response	Response Status W					то	Comment Status D		PSE Power			
TFTD					Comment Type       TR       Comment Status       D       PSE Powe         Table 33-11, Item 4, Icon is defined as PClass / Vport_PSE-2P.       Vport_PSE-2P is the allowed PSE PI voltage RANGE.       V_PSE is the actual voltage at the PSE PI.         Clearly, Icon = PClass / V_PSE is what was intended.       Note: PSE Type = All, careful not to change legacy Type requirement.								
					Suggested Chang			ss / V_PSE.					
					Proposed PROF	, <i>Respons</i> POSED A		Response Status W					
					EZ								

CI 33 SC 33.2.7	P <b>96</b>	L <b>33</b>	# 138	CI 33 SC 33.2.7	P <b>97</b>	L <b>33</b>	# 141
Yseboodt, Lennart	Philips			Yseboodt, Lennart	Philips		
Comment Type TR	Comment Status X		Unbalance	Comment Type TR	Comment Status X		PSE Power
Table 33-11, item 4a (	Icon-2p_unb) does not have a	a complete Type	s listing.		(Ilim-2P) is now a Class based		
SuggestedRemedy					ass is listed in the Additional in stinction is made in the Parame		nereas for Icon-
Class 0-4 => PSE Typ							
Class 5 => PSE Type Class 6 => PSE Type					15_Table_33_11_item9.pdf		
Class 7 => PSE Type Class 8 => PSE Type				Proposed Response TFTD (Show Table)	Response Status W		
Addressed in ysebood	t_3_1115_Table_33_11_item	4a.pdf					
Proposed Response	Response Status W			C/ 33 SC 33.2.7		L 37	# 142
Possible OBE by 136				Yseboodt, Lennart	Philips		
CI 33 SC 33.2.7	P 97	L <b>9</b>	# 139	Comment Type ER Table 33-11, Add Ir	Comment Status D fo, Item 18, Reference to 33.2.	9 is not an XREF	Editorial
Yseboodt, Lennart	Philips			SuggestedRemedy			
Comment Type TR	Comment Status X		PSE Power	Fix.			
	of I_CUT-2P includes unbalar positive unbalance current on		OTH pairsets, requiring	Proposed Response PROPOSED ACCE	Response Status W		
SuggestedRemedy							
See yseboodt_10_111 comment)	5_Figure_33_14_v3xx.pdf (th	at file addresses	s more than just this	EZ			
Proposed Response	Response Status W			C/ 33 SC 33D.1		L <b>39</b>	# 143
wfp				Yseboodt, Lennart	Philips		
I don't have this docun	nent yet.			Comment Type E "The following table	Comment Status D shows Dual-Signature classific	ation for Type 3 a	<i>Editorial</i> and Type 4 PSEs"
CI 33 SC 33.2.7	P <b>97</b>	L 10	# 140	SuggestedRemedy			
Yseboodt, Lennart	Philips			"Table 33D-2 shows	s dual-signature classification for	or Type 3 and Typ	e 4 PSEs"
Comment Type ER Table 33-11, Add Info,	Comment Status D Item 7, Font size jump for 33	3.2.7.6 reference	Editorial	Proposed Response PROPOSED ACCE	Response Status W PT.		
SuggestedRemedy Fix.				OBE by 151			
Proposed Response PROPOSED ACCEPT	Response Status W			EZ			
EZ							

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

C/ 33B SC 33B Yseboodt, Lennart	P <b>191</b> Philips	<i>L</i> 1	# 144	C/ 33B SC 33B Yseboodt, Lennart	P <b>191</b> Philips	L <b>23</b>	# 146
Comment Type TR	Comment Status X			Comment Type ER	Comment Status X		Pres: Lennart
Annex 33B contains 2 shalls 2 musts	5:			transmission mediur	"The PI is the electrical interfa n." : the PI is right between where		
	ative annex for 2 shalls ?				C C		
	very similar to each other.			presume is the PI ?	s Vport_pse behind the R_pair	resistance from	the dotted line which I
SuggestedRemedy	ne requirement into the appropr	ata caction in 2	2.0		ernal resistance called R_pair	?	
	ke a good candidate.		0.2.		to Rpse but is isn't defined ?		
				SuggestedRemedy			
	nusts' and either reword or turn	into 'shalls'.		See yseboodt_8_11 - Does not refer to V	15_Fig_33B_1.pdf which:		
Proposed Response	Response Status W			- Renames Rpair to			
TFTD				Proposed Response	Response Status W		
C/ 33B SC 33B	P 191	L 10	# 145	TFTD (show figure)	,		
Yseboodt, Lennart	Philips						
Comment Type ER	Comment Status D		Editorial	CI 33B SC 33B	P 191	L 23	# 147
21	can occur in positive powered	pairs, negative p		Yseboodt, Lennart	Philips		
when a system use	s all four pairs to 4-pair power w			Comment Type ER	Comment Status X		Editoria
power to both PD N	lodes."			Figure 33B-1.	suggest that the PD is drawing	PClass	
Reword/shorter.					ith a non zero ohm channel, th		nore than Pclass. This
SuggestedRemedy				is a non-compliant F	D at this point.		
,	can occur in positive, negative, ver power to a PD."	or all powered p	pairs, when a PSE uses	SuggestedRemedy Change PClass to F	class_PD ?		
Proposed Response	Response Status W			Proposed Response	Response Status W		
PROPOSED ACCE	PT.			TFTD	,		
EZ							
LL							

C/ 33B SC 33B	P 192	L 36	# 148	C/ 33D SC 33D	P 193	L <b>47</b>	# 150
Yseboodt, Lennart	Philips			Yseboodt, Lennart	Philips		
Comment Type ER	Comment Status X		Editorial	Comment Type ER	Comment Status D		Editoria
Section 33B.2 is titled: "E current unbalance under v Which is somewhat long f	vorst case pair-to-pair load		y measurement of	actively controlled in a	nce test method applies to manner that changes effe measurement Method des	ctive resistance to	achieve balance, then
SuggestedRemedy				Effective and Method	should not be capitalized.		
It seems that 33B.1 throug R pse min.	gh 33B.3 are different met	hods to measure	e R_pse max and	SuggestedRemedy			
K_pse min.				Decapitalize			
<ul> <li>Add sentence to 33B: "Mare defined in 33B.1, 33B</li> <li>Rename 33B.1 to "Direction of the sentence of the s</li></ul>	.2 and 33B.3" t R_pse measurement" tive resistance R_pse mea	asurement"	min and R_pse max	Proposed Response PROPOSED ACCEP <sup>-</sup> EZ	Response Status W Г.		
	Response Status W			C/ 33D SC 33D	P 197	L1	# 151
TFTD				Yseboodt, Lennart	Philips	<i>L</i>	# 151
	P 193	L 27	# 149	Comment Type ER	Comment Status D		Editoria
Yseboodt, Lennart	P 193 Philips	L <b>Z I</b>	# 149	••	escribes in a very nice way	how power demot	
Comment Type ER	Comment Status D		Editorial	The colossal table 33	D-1 in the Annex no longer	seems needed.	
Currents I_1 and I_2 have			Luitonai	SuggestedRemedy Delete Annex 33D.			
SuggestedRemedy				Proposed Response	Response Status W		
Fix.				PROPOSED ACCEP	•		
Proposed Response PROPOSED ACCEPT.	Response Status W			EZ			
EZ				C/ 79 SC 79.3	P <b>206</b>	L 1	# 152
				Yseboodt, Lennart	Philips		
				Comment Type ER	Comment Status D		Editoria
				Tables in Clause 79 h (left/center alignemen	ave inconsistent formatting t).	of the Tables.	
				SuggestedRemedy			
				Find out what the righ	t table format is and apply a	across Clause 79.	
				Proposed Response PROPOSED ACCEP	Response Status W		
				EZ			

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

CI 79 SC 79.3.2	P 207	L 35	# 153	CI 33	SC 33.3.	7.2	P 131	L <b>5</b>	# 156
Yseboodt, Lennart	Philips			Bennett, Ken			Sifos Techno	ologies, In	
Comment Type <b>T</b>	Comment Status X		Pres: Wendt1	Comment Ty	be TR		Comment Status D		PD Powe
Type 4 fields.	wo TLV figures one for the old			"PClass The refe	PD in Tarence to ta	able : able :	t 103 was accepted as follo 33–18 is determined by the 33-18 was changed during e	Class assigned diting to Table	33-16a.
SuggestedRemedy							33-18 specifically targeted it n. Table 33-16a only describ		
Implement wendt_1_	1115_LLDP_Baseline_vvxxx.	odf		granted f	ull power.	Tab	ble 33-7 does show a PSE's		
Proposed Response	Response Status W			an additi	onal refere	ence.		-	
wfp				SuggestedRe	emedy				
				Change	he table r	efere	ence back to the accepted v	ersion:	
C/ <b>79</b> SC <b>79.3.2.4</b> Yseboodt, Lennart	P <b>209</b> Philips	L <b>6</b>	# 154	PClass_	PD in Tab	le 33	3–18 is determined by the C	ass assigned b	y the PSE.
Comment Type T	Comment Status D		LLDP	Optional	y expand	it to:			
the TLV generating de	omitted, sentence in line 38 is do with the fields. <i>Response Status</i> <b>W</b>			7). PClas Proposed Re PROPOS Optionall PClass	s_PD val <i>sponse</i> SED ACC y expand PD in Tab	ues f EPT it to: le 33	<ul> <li>B-18 is determined by the Clore each Class are shown in <i>Response Status</i> W</li> <li>IN PRINCIPLE.</li> <li>B-18 is determined by the Clore each Class are shown in</li> </ul>	Table 33-16a. ass assigned b	
C/ 79 SC 79.3.2.6	c P 212	L <b>46</b>	# 155						
Yseboodt, Lennart	Philips								
Comment Type T	Comment Status X		Pres: Wendt1						
"yseboodt_3_0915_v1	measurements to the verbos 20.pdf" and move these into ndt_1_1115_LLDP_Extension	a new optional T	LV subtype.						
SuggestedRemedy									
Implement wendt_1_1	115_LLDP_Baseline_vvxxx.p	df							
Proposed Response	Response Status W								

Cl 33         SC 33.3.7.4         P 132         L 23         # 157           Bennett, Ken         Sifos Technologies, In	CI 33         SC 33.6.3.2         P 161         L 6         # 158           Bennett, Ken         Sifos Technologies, In
Comment Type         TR         Comment Status         X         Extended Power           For Class 6 and 8:         Section 33.3.7.2 allows extended average power when "additional information is available         Section 33.3.7.2 allows extended average power when "additional information is available	Comment Type TR Comment Status X PSE_INITIAL_VALUE is used to initialize the PSE allocated and PD requested values in the DLL Classification state diagram. For Class 6 and Class 8, these values are currently 600 and 900 respectively.
to the PD regarding actual channel DC resistance." Section 33.3.7.4. always allows extended peak power. Section 33.3.7.4 needs the "additional information" qualifier. The remedy adds the "additional information" requirement to the Peak Power. For reference, the existing peak power text in 33.3.7.4 is:	Values of 600 and 900 are only valid for extended power, where "additional information is known about actual channel resistance" (from 33.3.7.2). Under normal operation, these values should be initialized at 510 and 710, which is correct when no additional information is available. SuggestedRemedy Change PSE_INITIAL_VALUEs for Class 6 and Class 8 values to 510 and 710 respective
At any static voltage at the PI, and any PD operating condition, with the exception of Class 6 or Class 8 PDs, the peak power shall not exceed PClass_PD max for more than TCUT-2P min, as defined in Table 33–11 and 5% duty cycle. Peak operating power shall not exceed PPeak max. For Class 6 and Class 8 PDs in any operating condition with any static voltage at the PI, the peak power shall not exceed PClass at the PSE PI for more than TCUT min, as defined in Table 33–11 and with 5% duty cycle.	Could consider adding a footnote to these values, stating: 1. If there is a priori knowledge of channel resistance, the PSE_INITIAL_VALUE settings for class 6 and class 8 may be increased up to a maximum of 600 and 900 respectively. <i>Proposed Response</i> Response Status W TFTD. See 162.
SuggestedRemedy 1. Remove "With the exception of class 6 and class 8 PDs" from line 18. 2. Change the sentence at line 23 to:	Cl 33     SC 33.3.6     P 128     L 34     # 159       Bennett, Ken     Sifos Technologies, In       Comment Type     TR     Comment Status     D     PSE Classical       The statement:     Sifos Technologies, In     PSE Classical
For Class 6 or Class 8 PDs, when additional information is available to the PD regarding actual channel DC resistance, the peak power for any operating condition and any static voltage at the PI shall not exceed PClass at the PSE PI for more than TCUT min, as defined in Table 33–11 and with 5% duty cycle.	"After a successful Multiple-Event Physical Layer classification has completed the pse_power_level is set to either 2, 3, or 4." It should include the value of 1, because it has been noted that a single event with a Mark is a Multiple-Event.
TFTD	SuggestedRemedy Change the statement to: After a successful Multiple-Event Physical Layer classification has completed the pse_power_level is set to either 1, 2, 3, or 4. Proposed Response Response Status W PROPOSED ACCEPT. EZ
YPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G	/general Comment ID 159 Page 36 of 5

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

6.3.2 <i>P</i> 160 <i>L</i> 46 # 162 Hewlett Packard Enter
<b>ER</b> Comment Status <b>D</b> Discussion Discussion of PO_INITIAL_VALUE
PD_INITIAL_VALUE <i>Response Status</i> <b>W</b> CCEPT. 6.3.2 <i>P</i> 161 <i>L</i> 8 # [163
Hewlett Packard Enter       D         ER       Comment Status       D         ALUE of 900 for parameter_type 4 with mr_pd_class_detected 8 is       D         Pclass_pd in Table 33–16a.       mr_pd_class_detected       PSE_INITIAL_VALUE         8       900       900         '10 on line 8.       mr_pd_class_detected       PSE_INITIAL_VALUE         8       710       Response Status       W         CEPT.       CEPT.       CEPT.
onse

C/ 33         SC 33.6.3.3         P 161         L 28         # 164           Tremblay, David         Hewlett Packard Enter         Hewlett Packard Enter	C/ 33         SC 33.1.4.2         P 47         L 28         # 166           Maguire, Valerie         Siemon
Comment Type ER Comment Status X DL	Comment Type ER Comment Status D Cablin
The following variables contain ending values which are inconsistent with Pclass_pd in Table 33–16a.	Include corresponding TIA reference.
	SuggestedRemedy
MirroredPDRequestedPowerValue - page 161, line 28 MirroredPSEAllocatedPowerValue - Page 161, line 37	Replace, "as specified in ISO/IEC 11801:2002" with "as specified in ISO/IEC 11801:2002 and ANSI/TIA-568-C.2"
PDRequestedPowerValueEcho - Page 161, line 44	Proposed Response Response Status W
PSEAllocatedPowerValue - Page 162, line 8 PSEAllocatedPowerValueEcho - Page 162, line 12	PROPOSED ACCEPT.
Values: 0 through 999	EZ
SuggestedRemedy	CI 33 SC 33.4.9 P147 L 35 # 167
Change the ending value to 710 for all five variables.	Maguire, Valerie Siemon
Values: 1 through 710	Comment Type ER Comment Status D Editor
Proposed Response Response Status W	A newer edition of this Standard with an improved figure is available.
TFTD	SuggestedRemedy
C/ 33 SC 33.4.1.9.4 P 151 L 19 # 165	Replace, "ANSI/TIA-568-C.0, 4.2" with "ANSI/TIA-568.D-0, 5.1"
Maguire, Valerie Siemon	Proposed Response Response Status W PROPOSED ACCEPT.
Comment Type ER Comment Status D Editoria	
Typo in Standards reference ("586" should be "568").	EZ
Suggested Remedy	Cl 25 SC 25.4.10 P 27 L 33 # 168
Replace, "ANSI/TIA/EIA-586-A:1995" with "ANSI/TIA/EIA-568-A:1995"	Maguire, Valerie Siemon
Proposed Response Response Status W PROPOSED ACCEPT.	Comment Type T Comment Status X Cablin
EZ	I believe that "STP" used in this context refers to 150 ohm Type 1 cable (as opposed to shielded 100 ohm balanced twisted-pair cable). To avoid confusion, text should be revised as shown below.
	SuggestedRemedy
	Line 33:
	Replace "STP" with "150 ohm Type 1 STP"
	Line 34:
	Replace: "(for both UTP and STP)" with (for both balanced twisted-pair and 150 ohm Type 1 STP")
	Proposed Response Response Status W
	Why are we editing this section? We haven't touched it yet.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SORT ORDER: Comment ID Comment ID 168

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CI 33	SC 33.8.3.5	P 183	L 19	# 169	Cl
Maguire,	Valerie	Siemon			Sto
	PSEEL13 with cla	Comment Status D ause 33.4.9.1.4 and resolution specified in ANSI/TIA/EIA-50		Cabling draft 1.3. Category 5	Co
00	d <i>Remedy</i> ace, "ANSI/TIA-56	8-C.2" with "ANSI/TIA/EIA-5	68-A:1995"		Su
•	l Response POSED ACCEPT.	Response Status W			Pro
CI 33	SC 33.1.4	P 46	L <b>40</b>	# 170	
Stover, D	avid	Linear Techn	ology Cor		CI
resist		class and not Type, Note 2 ( f T3/T4 PSEs) now applies t			Cor
Apply pair-t	Note 2 ("In Type	3 and Type 4 operation, the stance unbalance. See secti			Sug Pro
	l Response POSED REJECT.	Response Status W			FIC
-					
Yes,	the note does app	ly since it says "the current p	per pairset will be	e impacted"	Cl
		ed that class 0-4 PDs have the entire current over one p			Sto
Curre be hig	ent per pair (Icable gher than that (as	, A)" is still 0.350 for Class 0 it is 100% unbalance) which	to 3 and 0.6 for	Class 4. it will never	Co
the h	ote should be rewe	praea?			

CI 33	SC 33.2.4.7	P <b>7</b>	2	L 23	# 171
Stover, D	avid	Linea	r Tech	nology Cor	
Comment	Туре Е	Comment Status	D		PSE S
		_CHK to CXN_CHK_ tcc_min is undefined.		has transition logic	"do_cxn_chk_done *
00	<i>dRemedy</i> e tcc_min				
Proposed	Response	Response Status	w		
PRO	POSED ACCEPT	IN PRINCIPLE.			
Need	specific suggeste	ed remedy.			
CI 33	SC 33.2.5.6	P 8	5	L 23	# 172
Stover, D	avid	Linea	r Tech	nology Cor	
Comment	Туре Е	Comment Status	D		Editor
	e 3 and Type 4 PS is not capitalized	SEs shall determine v I	hethe	r an attached PD w	ith classes 0 to 4"
Suggeste	dRemedy				
Capit	alize Class				
Proposed	Response	Response Status	w		
PRO	POSED ACCEPT				
Lenna	art, shouldn't this	be capitalized based	on you	Ir rule? It's not in y	our list
C/ 33	SC 33.2.7	P 9	6	L <b>4</b>	# 173
Stover, D	avid	Linea	r Tech	nology Cor	
Comment Class	51	Comment Status ed in title of Table 33			Editor
Suggeste Capit	dRemedy alize Classes				
	Response POSED ACCEPT	Response Status	w		

OBE by... 30?

C/ 33         SC 33.2.7.4.1         P 102         L 15         # 174           Stover, David         Linear Technology Cor	C/ 33 SC 33.3.7.6 Stover, David	P <b>136</b> Linear Techn	L 18 ology Cor	# 177
Comment Type E Comment Status D Editorial	Comment Type E	Comment Status D		Editorial
Class not capitalized in equation 33-4b		rrent spike shall not exceed		
SuggestedRemedy	voltages are driven fror ambiguous.	n" Capitalization of Modes	is inconsistent a	nd double plurality is
Capitalize all instances of Class in equation 33-4b	SuggestedRemedy			
Proposed Response Response Status <b>W</b> PROPOSED ACCEPT.		econd line with "During the te	est, the voltage of	both PD modes is
This follows Lennart's Rule	Proposed Response PROPOSED ACCEPT	Response Status W		
EZ	EZ			
C/ 33       SC 33.3.7.5       P 133       L 38       # 175         Stover, David       Linear Technology Cor	C/ 33 SC 33.8.2.3 Stover, David	P <b>171</b> Linear Techn	L 11 ology Cor	# 178
Comment Type E Comment Status D Editorial "A dual-signature PD shall not exceed 4.70mA/us in either polarity" units should be expressed in mA/µs		Comment Status <b>D</b> s/options table, PDCL2 is de but the rest of the text has n	fined as "Implem	
SuggestedRemedy Replace mA/us with mA/µs	SuggestedRemedy			
Proposed Response Response Status W	Proposed Response	signature with Multiple-Ever	it Class signature	<b>;</b>
PROPOSED ACCEPT.	PROPOSED ACCEPT.	Response Status W		
EZ	EZ			
C/ 33 SC 33.3.7.6 P136 L7 # 176				
Stover, David Linear Technology Cor	C/ 33 SC 33.8.2.4 Stover, David	P <b>172</b> Linear Techn	L <b>28</b> oloav Cor	# 179
Comment Type E Comment Status D Editorial	Comment Type E	Comment Status D		Editorial
"The PD mode input current spike shall not exceed During the test, both PD Modes voltages are driven from" Capitalization of Modes is inconsistent and double plurality is ambiguous.	In PSE Major capabiliti Physical Layer classific	es/options, 2EPLC is defined ation" but the referenced su vent Physical Layer classific	bclause and the r	tion supports 2-Event
SuggestedRemedy	SuggestedRemedy			
Replace text starting second line with "During the test, the voltage of both PD modes is driven"	,	cal Layer classification with I	Multiple-Event Ph	ysical Layer
Proposed Response Response Status W	Proposed Response	Response Status W		
PROPOSED ACCEPT.	PROPOSED ACCEPT.	•		
EZ	EZ			
TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/g	eneral	Comm	ent ID <b>179</b>	Page 40 of 54

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

C/ 33A SC 33A.5 Stover, David	P 190	L <b>20</b>	# 180	C/ 33 S Dwelley, David	SC 33.2.9.1.2	P 11	2 L 4 Technology	9 # 183
	Linear Technolo	igy Coi						
Comment Type E C "class" not capitalized when SuggestedRemedy	Comment Status <b>D</b> n referring to a PD Class.	Editorial	Diode unb	all consider th alance in a Pl	Comment Status ne DC MPS compone D complicates discon compliance testing f	ent to be present nect measurem	Pres: Dwelley1 t" ent - similar to connection	
Replace all 4 instances of o	class (5, 6, 7, 8) in 33A.5 w	ith Class		SuggestedRer		J		
Proposed Response R	esponse Status W				ey_1_115.pd	f		
PROPOSED ACCEPT.				Proposed Res	ponse	Response Status	w	
EZ				wfp				
C/ 33B SC 33B.2	P 193	L <b>29</b>	# 181	CI 33 S	SC 33.3.4	P 12	2 L1	# 184
Stover, David	Linear Technolo	gy Cor		Dwelley, David	1	Linear	Technology	
Comment Type E C	Comment Status D		Editorial	Comment Type		Comment Status		PD Detection
Equations are written in a r cases, difficult to parse. Fo equations for I1 and Reff1 a SuggestedRemedy		signature a B as defin	PD presents a at the PI betw ed in 33.3.1."	een Positive VPD an	tection signature d Negative VPD	e, it shall present the detection of PD Mode A and PD Mode		
,	mathetmatical formulae in t	his section to	reflect the style of	SuggestedRer	nedv			
other equations and variable				Change to	: "When a PD	•	<b>U</b> (	er valid or non-valid), it shall B pairsets, as defined in
PROPOSED ACCEPT. Editor to have license				Proposed Res	<i>ponse</i> ED REJECT.	Response Status	w	
C/ 33 SC 33.2.5.0a Dwelley, David	P <b>81</b> Linear Technolo	L <b>43</b>	# 182	This is leg	acy text. Do	we really want to mee	s with it?	
Comment Type TR C	Comment Status X	gy	Connection Check	C/ <b>33</b> S Dwelley, David	SC <b>33.2.7.5</b>	P 10 Linear	3 L 1 Technology	# 185
	"Editor's Note:" We haven't defined compliance testing for Connection Check yet					Comment Status	D	Inrush
See dwelley_1_1115.pdf				SuggestedRer	nedy			
Proposed Response Response Status W			••	ly Yair and I v	vill have a consensus	presentation pr	epared in time for the	
wfp		Proposed Res PROPOSE		Response Status N PRINCIPLE.	w			
				No change	es to draft res	ult from accepting this	s comment.	
				EZ				
TYPE: TR/technical required E	R/editorial required GR/ge	neral required	T/technical E/editorial G/g	jeneral			Comment ID 18	35 Page 41 of 54

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

11/5/2015 8:51:01 AM

CI 33 SC 33.3.7.10 P 137 L 9 # 186	Cl 33 SC 33.2 P48 L1 # 187
Beia, Christian STMicroelectronics	Lukacs, Miklos Silicon Labs
Comment Type TR Comment Status X Pres: Darshan?	Comment Type TR Comment Status D Editoria
The requirement in the text is conditioned to a measurement, which is not appropriate, because it must apply regardless of anything. Moreover, figure 33-18a does't really help to understand the relevant text because it is not clear what "Rsource_max/Rsource_min" means. But since it is not easy to draw a figure which shows all the cases of Rmin/Rmax, I	The location and structure of this paragraph is confusing: "An unplugged link section is one instance when power is no longer required. In addition, power classification mechanisms exist to provide the PSE with detailed information regarding the power needs of the PD." The classification requirement should be included into the PSE functions list at the
suggest to modify 33.3.7.10 text, adding some more information.	previous page.
	SuggestedRemedy
SuggestedRemedy	Add the following bullet to the PSE functions list on page 47 as a second bullet: - to execute power classification mechanism to determine the power needs of the PD.
Replace the following text: PDs shall meet this requirement when connected to a common source voltage through a	Remove the sentence from page 48 line 2 "In addition, power classification mechanisms exist to provide the PSE with detailed information regarding the power needs of the PD."
resistance of Rsource_min =0.16 Ohm± 1% and Rsource_max =0.19 Ohm± 1% to PD PI pairs of the same polarity for all PD operating conditions as shown in Figure 33–18a.	Proposed Response Response Status W PROPOSED REJECT.
With:	This is all legacy text. I believe the reason it does not mention classification in the bulleted list is that Type 1 PSEs were not required to do classification.
PDs shall have the pair currents measured when the PD PI pairs of the same polarity are connected to a common source voltage through two common mode resistances of Rsource_min=0.16 Ohm ± 1% and Rsource_max=0.19 Ohm ± 1% for all PD operating	C/ 33         SC 33.2.4.7         P 72         L 16         # 188           Lukacs, Miklos         Silicon Labs
conditions as shown in Figure 33-18a. These resistances may be different from each other and the worst case happens when one resistance value is minimum while the other is maximum.	Comment Type         TR         Comment Status         D         Pres: PSE SD           CC_DET_SEQ possible value of 3 is not defined in 33.2.4.3 Constants on page 59
Proposed Response Response Status W wfp	SuggestedRemedy define CC_DET_SEQ value = 3 in 33.2.4.3 Constants on page 59
	Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.
	Wfp

C/ 1 Lukacs, Mik	SC 4	P <b>20</b> Silicon Labs	L 16	# 189	C/ <b>33</b> Lukacs, I	SC <b>33.1.4.</b> Viklos	1 P 47 Silicon La	L <b>6</b> abs	# 192
Comment T		Comment Status D		Definitions	Commen		Comment Status D		Editorial
		nould be defined prior to 1.4.241	Ι.	2000000	Туро	, comma not ne	eded after the word: better		
SuggestedF	Remedy						quires Class D, or better, c	abling as specified	
Add the	following defin	itons prior to 1.4.241. ourcing Equipment optional pov	var (nan data)	antity allowing devices	00	edRemedy	uires Class D, or better cal	ling as specified	
		the same generic cabling as is				d Response	Response Status W	as specified	
		Device, optional power (non-dat generic cabling as is used for c				POSED REJEC			
Proposed R	,	Response Status W			The	comma is neede	ed as class D is the thing de	efined in ISO/IEC	
PROPC	OSED REJECT.				EZ				
The def	inition section is	s in alphabetical order. We car	nnot control w	hat terms come first.	CI 33	SC 33D.1	P 200	L <b>4</b>	# 198
EZ					Johnson,			hnologies	# 198
C/ 1	SC 4	P 20	L 39	# 190	Commen	t Type E	Comment Status D	-	PSE Power
Lukacs, Mik	los	Silicon Labs					same terms, 'Max PSE Cla		
Comment T	ype TR	Comment Status D		Definitions			are really referring to "per p	airset". This should	be clarified.
the tern	n 'mode' - as a :	synonym for pairset - is not def	inet yet		00	edRemedy			
SuggestedF	Remedy					ame Max PSE	Class' to 'Max PSE Class p s_2p'.	er pairset and Pcia	ISS(VV) to Pclass(VV)
Replace	e 'modes' with 'p	pairsets'				d Response	Response Status W		
Proposed R	Response	Response Status W			, PRO	, POSED ACCEF	PT IN PRINCIPLE.		
PROPC	OSED REJECT.				OBE	by 151			
		the definition to see clause 33 ng of the PD section.	. The reader v	vill find a definition of	EZ	by 101			
C/ 1	SC 1.4	P <b>20</b>	L <b>46</b>	# 191					
Lukacs, Mik	los	Silicon Labs							
Comment T The terr		Comment Status <b>D</b> synonym for pairset - is not de	finet yet.	Definitions					
SuggestedF Replace	Re <i>medy</i> e 'Modes' with 'p	pairsets'							
Proposed R PROPC	Response DSED REJECT.	Response Status W							
		the definition to see clause 33. ng of the PD section.	. The reader v	vill find a definition of					
COMMENT		ed ER/editorial required GR/ge spatched A/accepted R/rejecte ID				ed Z/withdrawn	Co	mment ID 198	Page 43 of 54 11/5/2015 8:51:0

11/5/2015 8:51:01 AM

<b>33</b> SC <b>33.2.4.4</b> hnson, Peter	P <b>65</b> Sifos Techno	L 18	# 199	CI <b>33</b> Johnson,	SC 33. Peter	2.6.2	P <b>92</b> Sifos Techno	L 1	# 200
	mment Status D	biogles	PSE Class	Comment		C	omment Status X	Jogies	PSE Cla
Table 33-3 and the following These options are okay for Si	paragraph state option		_events' variable.	"If the	class sign	ature detect	ed during CLASS_EV a Type-1 PD and sha		
In order to resolve Type-3 Du capacity to deliver a total of 1 13W sets class_num_events the PD is Type-3 whereupon, per pairset signature.	3W to dual Class 1 of to 1. But it will take 3	r Class 2 PD's. A 3 events for this P	ccording to the table, SE to determine that	non-e pairse Class	qual dual-s et of a dual 4 on anoth	ignature PD signature Pl	nber of examples when 's are not clear. For e D independently? Wi What if PD is Class 0	xample, does this hat if PD is Class	s rule apply to each 0 on one pairset and
iggestedRemedy				Suggeste	-				
For now, this may be just an mutual ID behaviors with Dua		this table pending	resolution of all PSE				editor's note covering s nature even verus nor		
	ponse Status W						rganize much of 33.2.2		
PROPOSED ACCEPT IN PR				PD's, PD's.	Dual Signa	ture Equiva	lent Class PD's, and D	ual Signature No	on-⊨quivalent Class
Add:				Proposed	Response	Re	sponse Status 🛛 🛛 🛛 🛛 🛛 🖤		
				TFTD					
"Editor's Note (to be removed	before D2.0): Table :	33-3 must be upd	ated for DS PDs."	C/ 33	SC 33.	352	P <b>126</b>	L 6	# 201
Below Table 33-3.				Johnson,		5.0.L	Sifos Techno		
EZ				Comment	Туре Т	Co	omment Status D		Editor
				Table and A been	33-16a an	d other locat al-signature	er name state variable ions. As before, conc PD's. Prior comment	cern is confusion	with classifying ALT-A
				Suggeste		1:			
				00		A as 'class_	_EV1_sig' and class_s	ig_B as 'class_E	V3_sig'.
				name	s "CLASS_	EV1_LCF s	leaders in Tables 33D ignature" and "CLASS x, they might be alright	_EV3 signature"	pendix) where the are used. Seems like i
				IF NC	Tperhap	s there is ar	n issue in the appendix	(???	
				•	Response		sponse Status W		
				PROF	OSED AC	CEPT IN PF	KINCIPLE.		

Comment ID 201

C/ 33 SC 33.3.7.3 Johnson, Peter	P <b>131</b> Sifos Technolo	L <b>54</b> ogies	# 202		Cl 33 SC 33. Schindler, Fred	2.7	P <b>97</b> Seen Simply	L <b>45</b>	# 203
This statement may oper	Comment Status X tartup is limited by the PSE in the door to any PD (Type- ned before PD has responsi	1, 2, etc) that h	as 180uF on EA	<i>Inrush</i> CH	Table 33-11, iter information. Footnote-1 text:	R Commen n 12 should better n nat is limited to Clas			·
	pplies to "powered" pairsets naximum allowed capacitan					n. A Type 3 PSE th			ay use Type 2 values
"Input inrush current at s 180uF,"	"Input inrush current at startup is limited by the PSE if Cport per powered pairset < $180 \text{uF},$ "					SEs to provide at least hey are under pow	•	er values, PDs pr	ovide an active
This may/will probably be Proposed Response TFTD	e further affected as inrush Response Status W	gets worked out	t in future drafts.			column, to the firs			ne footnote on item 12, 2 Type 3 in row one.
I'm not sure if I understand the distiction Peter is trying to draw.			PSE that is limit	hat is limited to Cla	r may use Type	2 values for Icab	es for Icable. A Type 3 le. A Type 3 PSE that able."		
					This comment is	related to a comm	ent marked CO	MMENT1.	
					Proposed Response TFTD	Response	Status W		

C/ 33         SC 33.6.3.3         P 162         L 2         # 204           Schindler, Fred         Seen Simply	Cl 79         SC 79.3.2.6b.         P 212         L 28         # 205           Schindler, Fred         Seen Simply
Comment Type       TR       Comment Status       X       DLL         The text in this section may not provide enough information to avoid interoperability issues when Type-3 and Type-4 PSEs receive a DLL PD requests for power that exceed Pclass_PD shown in Table 33-16a.       DLL	Comment Type       TR       Comment Status       X       LLDP         System using LLDP would benefit from communicating whether a DS PD has, isolated loads, or nonisolated loads. The data is reported for all PD types whether SS or DS.       SuggestedRemedy
Existing text: PSEAllocatedPowerValue Integer that indicates the PSE allocated power value in the PSE. The value is the maximum input average power (see 33.3.7.2) the PD ever draws. The power value for a PSE is the maximum input average power the PD may ever draw. This power value is encoded according to Equation (79-2), where X is the decimal value of PSEAllocatedPowerValue. This variable is mapped from the aLldpXdot3LocPSEAllocatedPowerValue attribute (30.12.2.1.18). Values:0 through 999	Replace "Reserved" field, Bit 1, in Table 79-6b, with, "PD Load". For this row replace the Value/meaning with, "1 = PD power demand on Modes A and B are electrically isolated. 0 = PD power demand on Modes A and B are not electrically isolated." On page 211, line 48, replace the existing sentence, "The System setup value field shall contain the device bit-map of the Power type, PD 4P-ID, and PD PI defined in Table 79-6b and is reported for the device generating the TLV."
SuggestedRemedy After "attribute (30.12.2.1.18)." add, "If the PDRequestedPowerValue exceeds Pclass_PD shown in Table 33-26a, the PSE may assume that the PD has determined the power request made will not lead to more than PClass to be drawn from the PSE. Additional information on power levels for classes 6 and 8 may be found in 33.3.7.2." Please also correct the grammar in the existing text by replacing "power value in the PSE." with " power values by the PSE."	With "The System setup value field shall contain the device bit-map of the Power type, PD 4P-ID, PD PI, and PD Load defined in Table 79-6b and is reported for the device generating the TLV." Add "79.3.2.6b.4 PD Load This field shall be set according to Table 79-6b when the power type is PD. Electrically isolated for this Bit filed shall mean greater than or equal to 50 k-ohm resistance between any one connection of Mode A and any one connection on Mode B, when measured using at least VPort_PSE-2P minimum for Type-4 PSEs. This field shall be set to 0 when the power type is PSE."
Proposed Response Response Status W TFTD	Proposed Response Response Status W TFTD

C/ 33         SC 33.2.7.11a         P 109         L 42         # 206           Schindler, Fred         Seen Simply	C/ 33         SC 33.2.4.7         P 72         L 6         # 208           Schindler, Fred         Seen Simply
Comment Type ER Comment Status D PSE Power The existing text, "PType (min) is the minimum power a PSE must support to enable the	Comment Type TR Comment Status D PSE SL The second entry path into IDLE has a typo.
highest Class that a PSE of that Type can support. Type 3 PSEs are not required to support PType if they are restricted to Class 5 power or lower. Type 4 PSEs are not required to support PType if they are restricted to Class 7 power or	Existing condition is, Pse_reset + error_condition * (mr_pse_enable = enable)
lower." May be misinterpreted by some readers.	SuggestedRemedy Replace the error condition with, "Pse_reset + !error_condition * (mr_pse_enable = enable)"
SuggestedRemedy	,which checks that no error_condition exists.
Replace the first sentence with, "PType (min) is the minimum power a PSE shall source."	Proposed Response Response Status W PROPOSED REJECT.
Strike the next two sentences, "Type 3" and "Type 4" because Table 33-11 already provides the value for Ptype.	I'm not sure that is the intention. That would leave a logic statement that says "the PSE is reset OR we don't have an error AND the PSE is enabled."
This comment is related to a comment marked COMMENT1.	
Proposed Response Response Status W PROPOSED REJECT.	That doesn't make sense. It would force us back to IDLE any time that we don't have an error and the PSE is enabled.
PROPOSED REJECT.	C/ 33 SC 33.2.4.7 P72 L 12 # 209
You can't force a PSE to source power. A PSE can only make power available, it is up to the PD to draw it.	Schindler, Fred Seen Simply
Cl 33 SC 33.2.7 P 97 L 51 # 207	Comment Type         ER         Comment Status         D         PSE SL           Exit conditions from TEST_MODE are not formatted correctly.         PSE SL
Schindler, FredSeen SimplyComment TypeTComment StatusDPres: Lennart?	All exits check the status of mr_pse_enable incorrectly. This is also the case for exits from TEST_ERROR_A and TEST_ERROR_B.
Permit Type-4 PSE to provide a minimum of class-7 power or 75.0 W.	SuggestedRemedy
SuggestedRemedy	Use the constructs,
Replace Table 33-11, item 12, the row for Type-4, Min column, with "75.0". This comment is related to a comment marked COMMENT1.	(mr_pse_enable = force_power) Or
Proposed Response Response Status W	(mr_pse_enable = force_power)
wfp from Lennart about Ptype	Where appropriate. Use the proper case for mr_ not Mr
	Proposed Response Response Status W PROPOSED ACCEPT.
	EZ

Comment ID 209

C/ 33 Schindler, Free	SC <b>33.2.4.7</b>	P <b>72</b> Seen Simply	L <b>6</b>	# 210	Cl <b>33</b> Schindler,		33.2.4.7	P <b>74</b> Seen Simply	L <b>6</b>	# 212			
	condition to T Ilt is not possi	Comment Status <b>D</b> EST_MODE checks for a cur ble without power. The state			Comment Type TR Comment Status X PSE S The processing within POWER_ON checks for one-pairset powering and forces ALT-A to be used. Then the processing checks what ALT should be enabled. These steps have already been done in state POWER_UP.								
SuggestedRer	nedy				Suggestee	dRemed	y						
Remove the checks for current faults for the TEST_MODE entry path. Existing text that should be removed, "!(ovld_det_a + short_det_a) * !(ovld_det_b + short_det_b)"								OWER_ON. ready applied on.					
Proposed Res PROPOSI	ponse ED ACCEPT.	Response Status W				are dll_4F Respon	PID capab	e should discuss whether PE le. If this is allowed, then thi <i>Response Status</i> <b>W</b>					
CI 33 S Schindler, Free	SC <b>33.2.4.7</b> d	P <b>74</b> Seen Simply	L <b>6</b>	# 211	CI 33		33.2.4.7	P 74	L <b>42</b>	# 213			
Comment Typ	e ER	Comment Status D		PSE SD	Schindler,			Seen Simply					
Fix typo PSE_avail_pwr, used for checking entry to POWER_UP. SuggestedRemedy Replace with pse_avail_pwr.						Comment Type         TR         Comment Status         X         PSE status           Entry paths to ERROR_DELAY do not consider a fault on only one pairset. The State         Diagram needs to facilitate systems that may keep a nonfaulting pairset powered.							
Proposed Res	•	- Response Status <b>W</b>			SuggestedRemedy The Task Force should review this during the State Diagram ad hoc. An Editor's note should be made if this is not resolved during the ad hoc.								
EZ					Editor fault o	on only o	Entry path	is to ERROR_DELAY for Typ The State Diagram needs pred.					
					Proposed	Respon	se	Response Status W					

TFTD

C/ 33         SC 33.2.4.7         P 72         L 6         # 214           Schindler, Fred         Seen Simply	C/ 33         SC 33.2.4.6         P 69         L 34         # 215           Schindler, Fred         Seen Simply
Comment Type TR Comment Status D PSE SL	Comment Type TR Comment Status D Type
No exit from TEST_MODE is provided for mr_pse_enable being set to disable.	The text may be improved to better deal with new PSE Types and to take into account
SuggestedRemedy	power demotion.
For all existing exit conditions for TEST_MODE, TEST_ERROR_A, and TEST_ERROR_B, replace the existing condition check, "mr_pse_enable = enable" with "(mr_pse_enable = enable) + (mr_pse_enable = disable)".	Existing text, "set_parameter_type This function is used by a Type 2, Type 3 and Type 4 PSE to evaluate the type of PD
Proposed Response Response Status W	connected to the link based on Physical Layer classification or Data Link Layer classification results. The PSE's PI electrical requirements defined in Table 33-11 are set
PROPOSED REJECT.	to values corresponding to either a Type 1, or Type 2, Type 3, or Type 4 PSE. This function
Doesn't the global "mr_pse_enable = disable" entry into the DISABLED state take care of	returns the following variable:
this?	<ul> <li>parameter_type: A variable used by a Type 2, Type 3 or Type 4 PSE to pick between Type 1, and Type 2, Type 3 and Type 4 PI electrical requirement parameter values defined in Table 33-11.</li> <li>Values: 1: Type 1 PSE parameter values (default)</li> <li>2: Type 2 PSE parameter values</li> <li>3: Type 3 PSE parameter values</li> <li>4: Type 4 PSE parameter values</li> <li>When a Type 2 PSE powers a Type 2, Type 3 or Type 4 PD, the PSE may choose to assign a value</li> <li>of '1' to parameter_type if mutual identification is not complete (see 33.2.6) and shall assign a</li> <li>value of '2' to parameter_type if mutual identification is complete.</li> <li>Editor's Note: This paragraph requires further study."</li> </ul>
	SuggestedRemedy
	Replace the existing sentence, "When a Type 2 PSE powers" with "When a PSE of Type greater than Type-1 powers a Type 2, Type 3 or Type 4 PD, the PSE may choose to assign a value of '1' to parameter_type if mutual identification is not completed (see 33.2.6) and shall assign a value corresponding to a Type that is capable of providing the negotiated power to parameter_type if mutual identification is complete."
	Strike the Editor's note referenced above.
	Proposed Response Response Status W PROPOSED ACCEPT.
	TFTD

C/ 33 SC 33.2.6	P 86	L 13	# 216		SC 33.2.7.4		00	L <b>48</b>	# 218
Schindler, Fred	Seen Simply			Schindler, Fre	bd		Simply		
, , , , , , , , , , , , , , , , , , ,	comment Status D			Comment Typ		Comment Status	_		Editoria
The formula 33-3, is not ass SuggestedRemedy	signed correctly because c	of a Typo.			con-2P is defi definition sho		rmula 33-3	c and on page	101 formula 33-3e.
Replace "Class" with "PClas	ss PD".			SuggestedRe	medy				
•	esponse Status W			Replace e	existing refere	nces to 33-3e with 3	3-3c.		
PROPOSED ACCEPT IN P This should be PClass. Righ	RINCIPLE.					n page 101, s ICon-2P is calcula	ted using I	Equation (33-3	e) for each pairset
C/ 33 SC 33.2.6	P 86	L <b>22</b>	# 217	With "Note tha	t for these PD	s Icon-2P is calcula	ted using F	quation (33-3	c) for each pairset
Schindler, Fred	Seen Simply			independ					o) for outili pariote
	comment Status D		Unbalance	Ourillas (sa					
Existing text, "n is a dimens or for Type 1 and Type 2 PS					mula 33-3e.	_			
	SES. II = 7 WHEN CONNECTED	u io a uuai-sigi	lature PD. Changes	Proposed Rea	sponse	Response Status	W		
legacy behavior.		Ũ	6	,					
legacy behavior.		Ū	C C	PROPOS	ED ACCEPT.				
legacy behavior. SuggestedRemedy		Ĵ			SED ACCEPT.	Pī		L7	# 219
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor	. n = 1 when connected to	a single-signa	ture PD or for Type 1		SC 33.2.4.7	P		L <b>7</b>	# 219
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor and Type 2 PSEs, n = 2 for	. n = 1 when connected to	a single-signa	ture PD or for Type 1	C/ 33 Schindler, Fre	SC <b>33.2.4.7</b>	PT Seer	7 <b>4</b> I Simply	L <b>7</b>	# 219 PSE SE
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor and Type 2 PSEs, n = 2 for PD."	. n = 1 when connected to Type 3 or Type 4 PSEs w	a single-signa	ture PD or for Type 1	CI <b>33</b> Schindler, Fre Comment Typ	SC <b>33.2.4.7</b> ed pe <b>TR</b>	P T Seer Comment Status	74 n Simply X		PSE SL
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor and Type 2 PSEs, n = 2 for PD." Proposed Response	. n = 1 when connected to	a single-signa	ture PD or for Type 1	C/ <b>33</b> Schindler, Fre Comment Typ During th PSE Mod	SC <b>33.2.4.7</b> ed De <b>TR</b> e State Diagra les separately	Pr Seer Comment Status m ad hoc the Task For example, the	74 n Simply X Force need Fed timer r	ds to discuss p needs to be co	PSE SL processing faults on nsidered for each
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor and Type 2 PSEs, n = 2 for PD."	. n = 1 when connected to Type 3 or Type 4 PSEs w	a single-signa	ture PD or for Type 1	C/ <b>33</b> Schindler, Fre Comment Typ During th PSE Mod	SC <b>33.2.4.7</b> ed De <b>TR</b> e State Diagra les separately	PT Seer Comment Status m ad hoc the Task	74 n Simply X Force need Fed timer r	ds to discuss p needs to be co	PSE SL processing faults on nsidered for each
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor and Type 2 PSEs, n = 2 for PD." Proposed Response PROPOSED ACCEPT.	. n = 1 when connected to Type 3 or Type 4 PSEs w	a single-signa	ture PD or for Type 1	Cl 33 Schindler, Fre Comment Typ During th PSE Mod Modes so process. The same	SC 33.2.4.7 ed be TR e State Diagra les separately o that one Moo e method used	Pr Seer Comment Status m ad hoc the Task For example, the	74 A Simply X Force need Fed timer r	ds to discuss p needs to be co er Mode may h	PSE SL processing faults on nsidered for each ave a Ted delay to
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor and Type 2 PSEs, n = 2 for PD." Proposed Response PROPOSED ACCEPT.	. n = 1 when connected to Type 3 or Type 4 PSEs w	a single-signa	ture PD or for Type 1	Cl 33 Schindler, Fre Comment Typ During th PSE Mod Modes so process. The same	SC 33.2.4.7 ed e State Diagra les separately o that one Moo e method used the variable to	P 7 Seer Comment Status m ad hoc the Task For example, the e could be okay wh	74 A Simply X Force need Fed timer r	ds to discuss p needs to be co er Mode may h	PSE SL processing faults on nsidered for each ave a Ted delay to
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor and Type 2 PSEs, n = 2 for PD." Proposed Response PROPOSED ACCEPT.	. n = 1 when connected to Type 3 or Type 4 PSEs w	a single-signa	ture PD or for Type 1	Cl 33 Schindler, Fre Comment Typ During th PSE Mod Modes so process. The same selecting SuggestedRe	SC 33.2.4.7 ed be TR e State Diagra les separately that one Moo e method used the variable to medy	PT Seer Comment Status m ad hoc the Task For example, the e could be okay wh for selecting the pr be processed.	74 Simply X Force need Fed timer r ile the othe eferred Mc	ds to discuss p needs to be co er Mode may h ode of the PSE	PSE SL processing faults on nsidered for each ave a Ted delay to
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor and Type 2 PSEs, n = 2 for PD." Proposed Response PROPOSED ACCEPT.	. n = 1 when connected to Type 3 or Type 4 PSEs w	a single-signa	ture PD or for Type 1	Cl 33 Schindler, Fre Comment Typ During th PSE Mod Modes so process. The same selecting SuggestedRe If the Tas section. Editor's N	SC 33.2.4.7 ed be TR e State Diagra les separately o that one Moo e method used the variable to medy k Force does lote: The PSE	P Seer Comment Status m ad hoc the Task For example, the e could be okay wh I for selecting the pr b be processed.	74 a Simply X Force need red timer r ile the other eferred Mo	ds to discuss p needs to be co or Mode may h ode of the PSE ituations. Add	PSE SL processing faults on nsidered for each ave a Ted delay to
legacy behavior. SuggestedRemedy Replace the text with, "n is a dimensionless factor and Type 2 PSEs, n = 2 for PD." Proposed Response PROPOSED ACCEPT.	. n = 1 when connected to Type 3 or Type 4 PSEs w	a single-signa	ture PD or for Type 1	Cl 33 Schindler, Fre Comment Typ During th PSE Mod Modes so process. The same selecting SuggestedRe If the Tas section. Editor's N	SC 33.2.4.7 ed be TR e State Diagra les separately b that one Moo e method used the variable to medy k Force does lote: The PSE Mode. For ex	P 7 Seer Comment Status m ad hoc the Task For example, the e could be okay wh I for selecting the pr be processed. not resolve process SD needs to process	74 Simply X Force need Fed timer r ile the other eferred Mo ing these s ss faults or Fed_B.	ds to discuss p needs to be co or Mode may h ode of the PSE ituations. Add	PSE SL processing faults on insidered for each ave a Ted delay to may be used for an Editor's note to this

C/ 33 SC 33.2.8	D 440	L 43	# [222	01.00	SC 33.3.7.3	D 400	L 11	# [224			
<i>Cl</i> <b>33</b> <i>SC</i> <b>33.2.8</b> Schindler, Fred	P 110 Seen Simply	L <b>43</b>	# 220	<i>CI</i> <b>33</b> Darshan, Y		P <b>132</b> Microsemi	L 11	# 221			
power demotion."	Comment Status <b>D</b> needs to be added to mutual ID			Comment Type       T       Comment Status       X       Inn         D1.4 This an update of a similar comment in round 1.       This is the response to the remedy of comment # 150 in D1.3 which says:       To delete the text "See PSE-PD simplified Cport implementation model in Annex TBD."         From:       From:       From:       From:							
SuggestedRemedy	because demotion is indirectly ote if the Task Force believes th <i>Response Status</i> <b>W</b>		-	ON sta pairset specifie	tes that a PSE s s. When PSE is ed in 33.3.7.6.	s the total PD input capacitan sees when connected to a sin connected to dual-signature de figure and new text (no Ani	gle-signature PI PDs, Cport valu	D over a pairset or both			
assigns the PD Clas	PT IN PRINCIPLE. as a higher Class than a Type 3 s 3, 4, or 6, whichever is the hig be power demotion. However, v	phest that it car	n support."	"Cport ON sta pairset:	nge from: in Table 33-18 is tes that a PSE s	s the total PD input capacitan sees when connected to a sin connected to dual-signature	gle-signature PI	D over a pairset or both			
Support class 5:				states t signatu are spe	hat a PSE sees re PD. When Ps cified in 33.3.7.	the total PD input capacitance when operating one or both p SE is connected to dual-signa 6." PSE-PD simplified Cport inte	pairsets, when c ature PDs, Cport	connected to a single- t value requirements			
				Proposed F	0	fter the above text as describ Response Status W	ed in page 3 of	darashan_02_1115.pd.			

Cl <b>33</b> SC <b>33A.5</b> Darshan, Yair	P <b>172</b> Microsemi	L <b>31</b>	# 222	<i>Cl</i> <b>33</b> Dove, Da	SC <b>33.2</b> niel	.4.7	P <b>72</b> Dove Networ	L <b>6</b> kina Solut	# 224	
Comment Type <b>T</b> NEW D1.4 Updating comment se Requested by remedy	Comment Status X nt at the first round. of comment #5 from D1.3:		Pres: Darshan1	Comment Type E Comment Status D PSE Within the states, the assignments, "<=" is used. In other SDs, a "leftarrow" is used. SuggestedRemedy #GSAR (Global Search and Replace)						
	ne Rpair_max_PD, Rpair_min	_PD.			Response		Response Status W			
SuggestedRemedy 1.Add the following tex	d after line 31			•			N PRINCIPLE.			
RPair_PD_max and R impedance of pairs of The effective resistance	Pair_ PD_min represent PD co	/eff_pd_i, divide	ed by the current				and be consistant.			
Positive pairs: Z1= RPair_ PD_min = Z3= RPair_PD_max =		·		C/ 33	SC 33.2	.4.7	P72	L6	# 225	
Negative pairs: Z2= RPair_ PD_min = Z4= RPair_PD_max =		Dove, Daniel     Dove Networking Solut       Comment Type     T     Comment Status     X     PSE S       The "DISABLED" state has no value other than its name. The logic performed in this state								
0	er the above text as described	1 0	'	<pre>is repeated in the IDLE state which follows immediately. SuggestedRemedy One could add "+ mr_pse_enable = disable" to the IDLE state entry logic and eliminate this state. Proposed Response Response Status W TFTD.</pre>						
	ge from RPair_max_PD to R air_PD_min. 10 occurrences.	Pair_PD_max a	ind from							
4. In the equations in I	ines 21-27, add "[ohm]" after F	RPair_PD_max.	4 occurrences.							
5. Delete Editor Note	in lines 32-36.									
Proposed Response wfp	Response Status W			l his i	s a direct ext	ension	of how the Type 1/2 state	diagram handle	d this.	
C/ 33 SC 33.1.1 Dove, Daniel	P <b>43</b> Dove Network	<i>L</i> <b>40</b> ing Solut	# 223							
Comment Type E The editor's instruction	Comment Status <b>D</b> is incomplete		Editorial							
SuggestedRemedy Replace "Delete section	on 33.1.1" with "Delete section	33.1.1 and ren	umber sections".							
Proposed Response PROPOSED ACCEPT	Response Status W									
EZ										

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

Comment ID 225

CI 33 SC	C 33.2.4.7	P 72	L <b>6</b>	# 226	CI 33	SC 33.2.4.7		L 13	# 229
Dove, Daniel		Dove Networking Solut			Dove, Dan	el	Dove Netwo	orking Solut	
Comment Type	TR	Comment Status X		Pres: Dove1	Comment	Type <b>TR</b>	Comment Status X		Pres: Dove1
or not assig the value of unanticipate	gned in sequ f a variable a ed behavior	variables used within the sta ence with the state diagram asynchronously with the stat Example, mr_pse_alternati should not affect SD operation	This allows one e diagram, and o ve should be def	e to potentially change could cause ined in the IDLE state	1) I fin sig_typ 2) Sind state.	d no way for a s be=single is a w be DLL has not	s with the logic in the POWI sig_type=dual to ever enter t asted logic term. been enabled yet, there is n be used to perform the nec	his state, so having o way that dll_4PI	D=1 to occur in this
SuggestedRem					,	1 0	be used to perform the nec	essaly POWER_0	г.
l will provide variables, b		ation dove_01_3bt_1115.pdf uy list.	on the addition	of some of these	Suggested A prop	-	vill be given in presentation	dove_01_3bt_1115	5.pdf
	ernative <=				Proposed	Response	Response Status W		
Alt_Pref <= PI_SM <= F Alt_X_Done	False	ed			wfp				
Alt_Y_Done					CI 33	SC 33.2.4.7	P <b>74</b>	L <b>26</b>	# 230
Proposed Resp	oonse	Response Status W			Dove, Dan	el	Dove Netwo	orking Solut	
wfp					Comment	Type <b>TR</b>	Comment Status X		Pres: Dove1
separate se SuggestedRem A proposal flags/variab state diagra Proposed Resp	Catania me equences at nedy to fix this wi bles will be re ams.	Comment Status X eting, it was observed that th the same time. Il be given in presentation do equired to properly trigger/re Response Status W	ove_01_3bt_111	5.pdf Additional	disrup if mr_p 3) A si Suggested	ive behavior. C ose_alternative= mpler logic can <i>Remedy</i> osal to fix this v	alt-B after having powered i orrect behavior would be to both. be used to perform the nec will be given in presentation <i>Response Status</i> <b>W</b>	allow the PSE to c essary POWER_O	ontinue powering alt-B NN logic.
wfp									
	C 33.2.4.7	P 72	L <b>6</b>	# 228					
Dove, Daniel		Dove Network	king Solut						
Comment Type		Comment Status D		Pres: Dove1					
		eting, it was observed that th nnectors. This creates a mo							
SuggestedRem	iedy								
A proposal	to fix this wi	Il be given in presentation do	ove_01_3bt_111	5.pdf					
Proposed Resp	oonse	Response Status W							
wfp									
TYPE: TR/techr	ATUS: D/dis	d ER/editorial required GR/ patched A/accepted R/reje D				Z/withdrawn	Com	ment ID 230	Page 53 of 5 11/5/2015 8:

C/ 33 SC 33.2.4.7	P 79	L 13	# 231	CI 33	SC	33.2.4.7	P 79	L 6	# 233	
Dove, Daniel	Dove Network	ing Solut		Dove, Daniel Dove Networking Solut						
Comment Type E	Comment Status D		PSE SD	Comment	t Type	т	Comment Status X		PSE SD	
Within the logic for the arc custom "lessthanorequalto				expla	nation ir	n the diagr	am has a fundamental proble am or text about how the vari	iables behave if	classification is	
SuggestedRemedy						nultaneou e sequentia	sly on different pair-sets, or w	which value of c	lassification holds if	
#GSAR (Global Search an	id Replace)					•	any.			
Proposed Response	Response Status W			Suggeste				this discussion of	d analta alaga[a] and	
PROPOSED ACCEPT.				class	[b] set o	f diagrams	to dual signature cases from s designed to handle dual-sig parallel and/or sequence and	nature PDs for	cases where the	
EZ				the st	ate diag	ram as ne	cessary.			
C/ 33 SC 33.2.4.7	P 79	<i>L</i> 1	# 232	Proposed	l Respor	nse	Response Status W			
Dove, Daniel	Dove Network	ing Solut		TFTC	)					
Comment Type E	Comment Status X		PSE SD	C/ 33	SC	33.2.4.7	P 79	L <b>1</b>	# 234	
Assuming the Task Force				Dove, Da	niel		Dove Network	ing Solut		
single-signature PD operat signature diagrams to mak				Comment	t Tvpe	Е	Comment Status X		PSE SD	
sig[a] and dual-sig[b] also.	5		diagrams for dual-				ce agrees that the current cla	assification state	e diagram only serves	
SuggestedRemedy							eration, move this diagram up			
Assuming the Task Force	agrees that the current cla	assification state	e diagram only serves	•		0	hake them contiguous. Do the	e same order o	f diagrams for dual-	
single-signature PD operat				01 1		al-sig[b] al	SO.			
signature diagrams to mak	5	e same order of	diagrams for dual-	Suggeste		-				
sig[a] and dual-sig[b] also.					0		ce agrees that the current cla eration, move this diagram up		0 ,	
	Response Status W						nake then contiguous. Do the			
OBE by 234 (identical com	nment)			•		al-sig[b] al	5		e e e e e e e e e e e e e e e e e e e	

Proposed Response

TFTD

ΕZ

Response Status W