C/ FM SC FM	P 1	L 2 7	# 20	C/ FM	SC FM	P 1	L 28	# 62
Issenhuth, Tom	Huawei			Marris, Ar		Cadence Des		
Comment Type E 802.3ch and 802.3ca	Comment Status D have been approved as stand	ards.	bucket	Comment	Type E	Comment Status D 2.3ca-2020 have been publishe	ed	bucke
SuggestedRemedy Change -20xx to -202 Proposed Response PROPOSED ACCEP	Response Status W			the do Proposed	ge "802.3ch-20> ocument <i>Response</i>	⟨X and 802.3ca-20XX" tp "802. <i>Response Status</i> W T IN PRINCIPLE.	3ch-2020 and 8(02.3ca-2020" throught
C/ FM SC FM Issenhuth, Tom	P 1 Huawei	L 2 7	# 18			nments 21 and 22.		
Comment Type E	Comment Status D 2.3cr-20xx, IEEE Std 802.3cp-2	20xx and IEEE	<i>bucket</i> Std 802.3cs-20xx	C/ FM Hajduczer	SC FM nia, Marek	P 1 Charter Comr	L 39 nunications	# 1
SuggestedRemedy	r .ca and insert .cs after .cu			Comment "Draft	<i>J</i> 1 ² ²	Comment Status D ed for Task Force review"		bucke
Proposed Response PROPOSED ACCEP	Response Status W T IN PRINCIPLE.				-	ng Group review. Next versions	s should say "wo	rking Group ballot
See response to com	ment 8.	L 28	# 70		Response POSED ACCEP	Response Status W T IN PRINCIPLE.		
Grow, Bob	RMG Consul	ting		In line	30 replace "tas	k force" with "working group".		
(and is justified by inc ballot) the list should a	Comment Status D 2.3cu-20xx in the list (which is clusion of base text from cu, bu also include IEEE Std 802.3c to J2, and therefore needs to f	ut I believe with F r-20xx. as P802.	2802.3cr (which is in SA 3cu/D2.2, 151.9.1	C/ FM Grow, Bol Comment This ir	Туре Е	P2 RMG Consult Comment Status D rgy Efficient Ethernet" isn't hyp	C C	# 7 <u>1</u> bucke
SuggestedRemedy Add IEEE Std 802.3cr 20xx).	r-20xx to the list as the 10th ar	mendment (befo	re IEEE Std 802.3cu-	Suggested Energ	<i>dRemedy</i> ly-Efficient Ethe	rnet		
Proposed Response PROPOSED ACCEP	Response Status W T IN PRINCIPLE.			,	<i>Response</i> POSED ACCEP	Response Status W		
See response to com	ment 9.							

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G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ FM SC FM

C/ FM SC FM	P 12	L 20	# 35	C/ FM SC FM	P 12	L 22	# 36
Wienckowski, Natalie	General Motor	ſS		Wienckowski, Natalie	General Moto	rs	
Comment Type E IEEE802.3ch was app	Comment Status D roved by the Standards Board		bucket	<i>Comment Type</i> E ch is Amendment 8. T	Comment Status D he description has been sligh	tly modified for p	<i>bucket</i> bucket
SuggestedRemedy Change: 20xx to 2020					n dash)" before the descriptio Ind Annex 149A and Annex 14		
Proposed Response	Response Status W				x149A, Annex 149B and Anne		
PROPOSED ACCEPT	IN PRINCIPLE.			Proposed Response	Response Status W		
See response to comm	nent 21.			PROPOSED ACCEPT			
C/FM SC FM	P 12	L 20	# 21	C/FM SC FM	P 12	L 26	# 22
Issenhuth, Tom	Huawei			Issenhuth, Tom	Huawei		
Comment Type E	Comment Status D		bucket	Comment Type E	Comment Status D		bucket
802.3ch has now been	approved as a standard.			802.3ca has now been	approved as a standard.		
SuggestedRemedy Change -20xx to -2020).			<i>SuggestedRemedy</i> Change -20xx to -2020			
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Response PROPOSED ACCEPT	Response Status W		
C/ FM SC FM	P 12	L 22	# 72	C/ FM SC FM	P 12	L 26	# 37
Grow, Bob	RMG Consulti	ng		Wienckowski, Natalie	General Moto	rs	
Comment Type E This amendment has a	Comment Status D a number.		bucket	Comment Type E IEEE802.3ca was appr	Comment Status D oved by the Standards Board	I.	bucket
SuggestedRemedy Insert "Amendment 8 -	"_			SuggestedRemedy Change: 20xx to 2020			
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Response PROPOSED ACCEPT	Response Status W IN PRINCIPLE.		
See response to comn	nent 36.			See response to comm	ient 22.		

C/ FM SC FM

C/FM SC FM	P 12	L 28	# 73	C/ FM	SC FM	P 12	L 37	# 74
Grow, Bob	RMG Consultir	ng		Grow, Bob		RMG Consult	ting	
<i>Comment Type</i> E This amendment has a	Comment Status D number.		bucket		, e this draft ref	Comment Status D erences Annex J2 (154.9.1), If t number because it adds the A		bucke needs to precede this
uggestedRemedy Insert "Amendment 9' roposed Response PROPOSED ACCEPT I See response to comme FM SC FM Vienckowski, Natalie comment Type E ca is Amendment 9. uggestedRemedy Add "Amendment 9(Em roposed Response	Response Status W N PRINCIPLE.	-	# 38 bucket	Amendr Annex J (includir requirer commu standar Std 802 series o equipme 62368 " makes a Proposed R	EE Std 802.34 nent 10 Thi . This amend g IEC 60950- nents") with a nication techn d correspondi .3-2018 and a f standards (ii ent—Safety— Audio/video, i appropriate ch	crTM-20xx IEEE Std 802.3crTM s amendment includes change ment replaces references to th 1 "Information technology equ ppropriate references to the IE ology equipment" series and n ng to the new references This idds Annex J. This amendmen including IEC 60950-1 "Informa Part 1: General requirements" information and communication anges to the standard corresp <i>Response Status</i> W T.	es to IEEE Std 80 the IEC 60950 ser ipment—Safety- C 62368 "Audio/ nakes appropriat amendment inclu t replaces refere tion technology) with appropriate the technology equ	ries of standards —Part 1: General /video, information and te changes to the udes changes to IEEE ences to the IEC 60950 e references to the IEC upment" series and
PROPOSED ACCEPT.				SuggestedF Insert.c Proposed R PROPC	vpe E IEEE Std 802 Pemedy r and .cp afte esponse	P12 Huawei Comment Status D 2.3cr-20xx, IEEE Std 802.3cp-2 r.ca and insert .cs after .cu Response Status W T IN PRINCIPLE. ment 9.	L37 20xx and IEEE S	# <u>19</u> bucke Std 802.3cs-20xx

C/ FM SC FM

C/FM SC FM	P 21	L 2	# 63	C/00 SC 0	U	P 1	L 29	# /	
Marris, Arthur	Cadence	Design Systems		Lewis, Jon		Dell EMC			
Comment Type E It would be nice if	Comment Status A	ntionned in the abstra	act	<i>Comment Type</i> This is Workin		ent Status D			bucket
specifications and	entence in abstract to: "This a I management parameters for ion with reaches of at least 80	operation over DWD		Proposed Respons	Force review" to "W se Respons	se Status W	llot"		
Response ACCEPT IN PRIN	Response Status C NCIPLE.				ACCEPT IN PRINCI	PLE.			
adds 100 Gb/s Ph over DWDM syste	2 not page 21. Change secor nysical Layer specifications ar ems using a combination of p n for reaches of at least 80 kr	nd management para nase and amplitude r	meters for operation	Cl 00 SC 0 Lewis, Jon Comment Type	E Comme	P 12 Dell EMC ent Status D	L 36	# 9	buckei
00 SC 0	P 0	LO	# 2		802.3cr information				
				SuggestedRemed	'v				
-		Communications	bucke	Add "IEEE Sto	d 802.3crTM-20xx			de Annew I This	
Comment Type E Wrong copyright y SuggestedRemedy 2019 is gone, plea Proposed Response	Comment Status D year ase use 2020 Response Status W	Communications	bucke	Add "IEEE Sto This amendment replaces refere "Information te appropriate rei technology eq	-	950 series of stan ht—Safety—Part 1 62368 "Audio/vide I makes appropria	ndards (including 1: General requir eo, information a ite changes to th	IEC 60950-1 ements") with and communicati e standard	
SuggestedRemedy	Comment Status D year ase use 2020 Response Status W	Communications	bucke	Add "IEEE Sto This amendment replaces refere "Information te appropriate ref technology eq corresponding Proposed Respons	d 802.3crTM-20xx ent includes changes ences to the IEC 609 echnology equipmen ferences to the IEC juipment" series and to the new reference se Respons	950 series of stan tt—Safety—Part 1 62368 "Audio/vide makes appropria ces." and align wit se Status W	ndards (including 1: General requir eo, information a ite changes to th	IEC 60950-1 ements") with and communicati e standard	
Comment Type E Wrong copyright y SuggestedRemedy 2019 is gone, plea Proposed Response PROPOSED ACC	Comment Status D year ase use 2020 Response Status W	L 27	bucke # <u>8</u>	Add "IEEE Sto This amendment replaces refere "Information te appropriate ref technology eq corresponding Proposed Respons	d 802.3crTM-20xx ent includes changes ences to the IEC 609 echnology equipmen ferences to the IEC juipment" series and to the new reference	950 series of stan tt—Safety—Part 1 62368 "Audio/vide makes appropria ces." and align wit se Status W	ndards (including 1: General requir eo, information a ite changes to th	IEC 60950-1 ements") with and communicati e standard	
Comment Type E Wrong copyright y SuggestedRemedy 2019 is gone, plea Proposed Response PROPOSED ACC 21 00 SC 0 Lewis, Jon	Comment Status D year ase use 2020 Response Status W CEPT. P1 Dell EMO	L 27	# 8	Add "IEEE Sto This amendment replaces refere "Information te appropriate ref technology eq corresponding <i>Proposed Respons</i> PROPOSED A See response	d 802.3crTM-20xx ent includes changes ences to the IEC 609 echnology equipmen ferences to the IEC juipment" series and to the new reference se Respons	950 series of stan tt—Safety—Part 1 62368 "Audio/vide makes appropria ces." and align wit se Status W PLE.	ndards (including 1: General requir eo, information a te changes to th h expected publi	IEC 60950-1 ements") with and communicati e standard cation order.	
Comment Type E Wrong copyright y SuggestedRemedy 2019 is gone, plea Proposed Response PROPOSED ACC 2/ 00 SC 0 Lewis, Jon Comment Type E	Comment Status D year ase use 2020 Response Status W CEPT. P1	L 27		Add "IEEE Sto This amendment replaces refere "Information te appropriate ref technology eq corresponding <i>Proposed Respons</i> PROPOSED A See response <i>Cl</i> 1 SC 1	d 802.3crTM-20xx ent includes changes ences to the IEC 609 echnology equipmen ferences to the IEC juipment" series and to the new reference se Respons ACCEPT IN PRINCII	950 series of stan tt—Safety—Part 1 62368 "Audio/vide makes appropria ses." and align wit se <i>Status</i> W PLE. ign with expected P22	hdards (including 1: General requir eo, information a te changes to th h expected publi publication orde	IEC 60950-1 ements") with and communicati e standard cation order.	
Comment Type E Wrong copyright y SuggestedRemedy 2019 is gone, pleat PROPOSED ACC Composed Response PROPOSED ACC Comment Type E Missing IEEE Std SuggestedRemedy	Comment Status D year ase use 2020 Response Status W CEPT. P1 Dell EMO Comment Status D 802.3cr-202x in the list	L 27	# <mark>8</mark> bucke	Add "IEEE Sto This amendment replaces refere "Information te appropriate rei technology eq corresponding <i>Proposed Respons</i> PROPOSED A See response <i>Cl</i> 1 <i>SC</i> 1 Maki, Jeffery	d 802.3crTM-20xx ent includes changes ences to the IEC 609 echnology equipmen ferences to the IEC jupment" series and g to the new reference se <i>Respons</i> ACCEPT IN PRINCII to comment 74. Ali 1.4	950 series of stan tt—Safety—Part 1 62368 "Audio/vide makes appropria ses." and align wit se <i>Status</i> W PLE. ign with expected P22 Juniper Netw	hdards (including 1: General requir eo, information a te changes to th h expected publi publication orde	IEC 60950-1 ements") with and communicati e standard cation order. r.	ion
iomment Type E Wrong copyright y uggestedRemedy 2019 is gone, pleater troposed Response PROPOSED ACC 1/ 00 SC 0 ewis, Jon tomment Type E Missing IEEE Std uggestedRemedy	Comment Status D year ase use 2020 Response Status W CEPT. P1 Dell EMO Comment Status D	L 27	# <mark>8</mark> bucke	Add "IEEE Sto This amendment replaces refere "Information te appropriate rei technology eq corresponding <i>Proposed Respons</i> PROPOSED A See response <i>Cl</i> 1 <i>SC</i> 1 Maki, Jeffery <i>Comment Type</i>	d 802.3crTM-20xx ent includes changes ences to the IEC 609 echnology equipmen ferences to the IEC juipment" series and to the new reference se <i>Respons</i> ACCEPT IN PRINCII to comment 74. Ali 1.4 E <i>Comme</i>	950 series of stan th—Safety—Part 1 62368 "Audio/vide makes appropria ses." and align wit se <i>Status</i> W PLE. ign with expected P22 Juniper Netw ent Status D	ndards (including 1: General requir eo, information a te changes to th h expected publi publication orde <i>L</i> 17 vorks	IEC 60950-1 ements") with nd communicati e standard cation order. r. # 101	bucke
Comment Type E Wrong copyright y SuggestedRemedy 2019 is gone, plea Proposed Response PROPOSED ACC C 00 SC 0 Lewis, Jon Comment Type E Missing IEEE Std SuggestedRemedy Add "IEEE std 802	Comment Status D year ase use 2020 Response Status W CEPT. P1 Dell EMO Comment Status D 802.3cr-202x in the list	L 27	# <mark>8</mark> bucke	Add "IEEE Sto This amendment replaces refere "Information te appropriate rei technology eq corresponding <i>Proposed Respons</i> PROPOSED <i>A</i> See response <i>Cl</i> 1 <i>SC</i> 1 Maki, Jeffery <i>Comment Type</i> Italic comment	d 802.3crTM-20xx ent includes changes ences to the IEC 609 echnology equipmen ferences to the IEC jupment" series and g to the new reference se <i>Respons</i> ACCEPT IN PRINCII to comment 74. Ali 1.4	950 series of stan tt—Safety—Part 1 62368 "Audio/vide makes appropria ses." and align wit se <i>Status</i> W PLE. ign with expected P22 Juniper Netw ent Status D wing new definitio	ndards (including 1: General requir eo, information a te changes to th h expected publi publication orde <i>L</i> 17 vorks	IEC 60950-1 ements") with nd communicati e standard cation order. r. # 101 channel insertion	bucke
Comment Type E Wrong copyright y SuggestedRemedy 2019 is gone, plea Proposed Response PROPOSED ACC Cl 00 SC 0 Lewis, Jon Comment Type E Missing IEEE Std SuggestedRemedy	Comment Status D year ase use 2020 Response Status W CEPT. P1 Dell EMC Comment Status D 802.3cr-202x in the list 2.3cr-202x" and align the list Response Status W	L 27	# <mark>8</mark> bucke	Add "IEEE Sto This amendment replaces refere "Information te appropriate ref technology eq corresponding <i>Proposed Respons</i> PROPOSED A See response <i>Cl</i> 1 <i>SC</i> 1 Maki, Jeffery <i>Comment Type</i> Italic comment and text below	d 802.3crTM-20xx ent includes changes ences to the IEC 609 echnology equipmen ferences to the IEC juipment" series and to the new reference ise Respons ACCEPT IN PRINCI to comment 74. Ali 1.4 E Comme tt text Insert the follow v referres to the wron	950 series of stan tt—Safety—Part 1 62368 "Audio/vide makes appropria ses." and align with se Status W PLE. ign with expected P22 Juniper Netwent Status D wing new definition ng sub-cluase of I	ndards (including 1: General requir eo, information a the changes to th h expected public publication orde <i>L</i> 17 vorks on after 1.4.181 " EEE Std 802.3-2	IEC 60950-1 ements") with nd communicati e standard cation order. r. # 101 channel insertion	bucke

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/
 1
 Page 4 of 29

 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC
 1.4
 7/16/2020 10:45:15 AM

 SORT ORDER: Clause, Subclause, page, line
 C/
 1
 Page 4 of 29
 7/16/2020 10:45:15 AM

C/ 1	SC 1.4	P 22	L 34	# 93	C/ 1	SC 1.4.35a		P 22	L 5	# 81
Dambrosia	a, John	Futurewei, A l	J.S. Subsidiary o	of Huawei	Dambrosia	, John	F	uturewei, A	U.S. Subsidiary	of Huawei
omment	Type ER	Comment Status A			Comment 7	Type ER	Comment Sta	atus A		
		he presence of an optical mux explicitly stated in the definitior		as illustrated in Fig			only appears 2x in ot helpful to the re		2.3ct, its use in o	lefining the term
uggested	dRemedy				Suggested	Remedy				
An ag single		4.237d DWDM System to M links optically multiplexed ar single optical	nd demuxed onto	o and off of either a	100GB a PMD	ASE-R encodi that employs		ifferential qu		ver devices using shift keying (DQPSK)
esponse		Response Status C			Response		Response Sta	tus C		
ACCE	PT IN PRINCIPL	.E.			ACCE	PT IN PRINCIF	LE.			
"An ao single		4.237d DWDM System to M links optically multiplexed a single optical	and demultiplexe	d onto and off either a	100GB detection	ASE-R encodi on."	ng, a combination	of phase an	d amplitude mod	ayer devices using ulation, and coherent
/ 1	SC 1.4	P 22	L37	# 75	Cl 1	SC 1.4.35b		P 22	L 8	# 139
-			•••	# 15	Dawe, Pier	S	Ν	lvidia		
row, Boł		RMG Consulti	ng	h sector (Comment 7	51	Comment Sta			
		Comment Status D	evious amendme	<i>bucket</i> ents have used the	"100GE	BASE-SR4: IEI	EE 802.3 Physical	Layer speci	fication for 100 G	ical wording to e.g. 6b/s using 100GBASI re that isn't covered b
802.3I renum	bered subclause	e for items after 294.				QPSK modulat				
802.3I renum uggested	ibered subclause dRemedy	e for items after 294.	on should be nur	mbered 400a similar to		QPSK modulat				
802.31 renum <i>uggested</i> The in previo	bered subclause dRemedy struction should us amendments.	e for items after 294. reference 400, and the insertio	on should be nur	mbered 400a similar to	"DP-D0 <i>Suggested</i> Change	QPSK modulat <i>Remedy</i> e "using 100GI	ion". BASE-R encoding	and DP-DQ		
802.31 renum uggested The in previo roposed	bered subclause dRemedy Istruction should us amendments. Response	e for items after 294. reference 400, and the insertio <i>Response Status</i> W	on should be nur	mbered 400a similar to	"DP-D0 <i>Suggested</i> Chang R enco	QPSK modulat <i>Remedy</i> e "using 100GI	ion". BASE-R encoding C-FEC, and DP-D0	and DP-DQ QPSK modu		' to "using 100GBASI
renum uggested The in previo roposed	bered subclause dRemedy struction should us amendments.	e for items after 294. reference 400, and the insertio <i>Response Status</i> W	on should be nur	mbered 400a similar to	"DP-D0 Suggested Chang R enco Response	QPSK modulat <i>Remedy</i> e "using 100GI	ASE-R encoding C-FEC, and DP-DO <i>Response Sta</i>	and DP-DQ QPSK modu		

C/ 1 SC 1.4.35b

C/ 1	SC 1.4.160a	P 22	L 14	# 83	C/ 1	SC 1.4.181a	P 22	L 20	# 138
Dambrosi	a, John	Futurewei, A I	J.S. Subsidiary	of Huawei	Dawe, Piers	3	Nvidia		
Comment	Type ER	Comment Status A			Comment T	ype T	Comment Status A		
A "bla	ck Link" is an app	roach to describing a DWDM	1 Channel, not a	link itself.	I think t not nec	•	tion that no other grids but ITI	J-T ones are pos	ssible is incorrect and
Suggestee	•				SuggestedF	,			
A blac specif	ying the character	ich to defining a single-mode istics of the input and output specifying how the link is def	of the link and i		If it's tru before '	e, and I think i	t is because Clause 54 uses " el spacings". Delete the sente		
Response		Response Status C			Response		Response Status C		
•		1			ACCEP	T IN PRINCIP	LE.		
	ment remedy show		the size of the of	000700 16	Delete	he second ser	ntece in 1.4.181a.		
	• •	ublic/tf_interim/20_0709/dam		· · · · · · · · · · · · · · · · · · ·	C/ 1	SC 1.4.237	P 22	L 25	# 84
C/ 1	SC 1.4.160a	P 22	L14	# 129	Dambrosia,	John	Futurewei, A	U.S. Subsidiary	of Huawei
Dawe, Pie		Nvidia			Comment T	ype ER	Comment Status A		
Comment -		Comment Status D		bucket	There is	no definition f	for DWDM		
		document, Black Link shou	d be black link		SuggestedF	Remedy			
Suggested	2					inition for DWE	DM - hology where the frequency sp	aging in loss the	on or equal to 1000 CH
		is for rogue capitals			Response		Response Status C		
,	Response POSED ACCEPT I	Response Status W			,	T IN PRINCIP	,		
See re	esponse to comm	ent 3.			See res	ponse to comr	ment 61.		
C/ 1	SC 1.4.181a	P 22	L 20	# <u>1</u> 37					
Dawe, Pie	ers	Nvidia							
Comment WDN	51	Comment Status D asel word: no specific meanir	ng or ambiguous						
Suggestee WDM	<i>dRemedy</i> wavelength plan								
	Response	Response Status Z							

C/ 1 SC 1.4.237

C/1 SC1	1.4.237a	P 22	L 25	# 61	C/ 1	SC 1	.4.401A	P 22	L 40	# 85
Zimmerman, Geo	rge	CME Consult	ing/ADI, Cisco, C	commscope, Marvell, S	Dambros	ia, John		Futurewei, A	U.S. Subsidiary	of Huawei
DWDM. A dei (http://www.iee included in the Multiplexing m abbreviations how dense is it clear that op SuggestedRemed Add new defin	s DWDM Channel, finition for DWDM ee802.org/3/B10K/ e draft, and it is not hay be self explana don't provide the n dense. A definitior otical transmission fy hition 1.4.227a Den	was proposed in the public/18_03/damb t present in 802.3-2 tory, and the expan ecessary technical n from the study gro is meant, is offered use Wavelength Div	e work, rosia_b10k_01_0 018. While Wave sion obvious, the information for a up, based on G.6 sion Multiplexing	elength Division e expansions in the 802 definition, basically, 671, modified to make (DWDM). An optical	in the is def <i>Suggeste</i> Repla 1.4.40 the st polari or cha	erm "SOF base 802 ined in 27 <i>dRemedy</i> ace sente D1a Polar ate of zation ove annel way	2.3 standar 7.3.1.3.3. It / nce with - ization Dep er all states	Comment Status A sed 2x in D2.0, both times d, SOP stand stands for " s use is isn Clauses 27, 2 pendent Loss: The variatio s of polarization within the M links).	Start-of-packet p 9, 41, and 61. n of insertion los	s due to a variation of
	5, 1	uency spacing is le	ss than or equal t	1000 GHZ.	Response	e		Response Status C		
Response ACCEPT.	Respoi	nse Status C					RINCIPLE.			
Dawe, Piers Comment Type According to 1	154.6, the black linl			# <u>130</u> g the PHYs. 1.4.160a	the st polari range	ate of zation of (DWDM	an optical s	endent Loss: The variatio signal over all states of po annel wavelength M links).		
any two interfa	aces of generic cat	1.4.302 says that a bling. (From ISO/IE inition for DWDM L	C 11801.) Implyi		C/ 1 Dawe, Pie		.4.401a	P 22 Nvidia	L 40	# <u>1</u> 31
SuggestedRemed Rename "DW DWDM Syster	DM Link" to somet	hing not "link" and ι	ise the corrected	name in 1.4.237d		itous abb		Comment Status A SOP is not used anywhere	but this sentend	æ.
	or in discussion me			nove the term "DWDM make this modification.	state Or, if perha	vrite it out of polariz a measui ips:	t, the simpl ation over a re of the rai	e way: The variation of ins all states of polarization nge is meant, rather than ses over all states of pola	the concept that	
					Response ACCE		RINCIPLE.	Response Status C		

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

C/ 1 SC **1.4.401a**

C/ 1	SC 1	.4.401a	P 22	L 40	# 132	C/ 45	SC 4	45.2.1.13	3a.1	P 27
Dawe, P	Piers		Nvidia			Hajduczer	nia, Mar	ek		Charte
Commer	nt Type	т	Comment Status A			Comment	Туре	TR	Comm	ent Status
Wha	at is this de	tail "withir	the channel frequency rand	e (DWDM link)	or channel wavelength	On rea	adina th	e definitio	on of this h	oit it is abso

What is this detail "within the channel frequency range (DWDM link) or channel wavelength range (CWDM and WWDM links)" doing here? 1.4 definitions should be short, simple and high level. There's no other mention of CWDM in this document, and PDL is something that happens without WDM anyway.

SuggestedRemedy

Create a new subsection near 154.8.17 to define precisely over what conditions PDL is defined. Delete "within the channel frequency range (DWDM link) or channel wavelength range (CWDM and WWDM links)" from here; add something such as "...loss of an instance of fiber optic cabling" to indicate that PDL is something to do with fibre optics.

Response Response Status C

ACCEPT IN PRINCIPLE.

Add new subclause to 154.8 to define PDL with editorial license.

CI 45	SC	45.2.1.133	a.1	P 27	L 28	#	4	
Hajduczenia	, Mar	ek		Charter Cor	nmunications			
Comment Tv	/pe	TR	Comment	Status A				

On reading the definition of this bit, it is absolutely not clear what "Integer value of the Tx optical channel index" really is. Is it frequency in nm, some arbotrary channel number, or something altogether else (frequency in THz?)

SuggestedRemedy

Please clarify what specific column from Table 154–6 is mapped into this register The same comment applies to register 1.820.5:0 defined in 45.2.1.133e.2

Response Response Status W

ACCEPT IN PRINCIPLE.

In 45.2.1.133a.1 replace the sentences "Bits 1.800.5:0 set the value of the Tx optical channel index (and hence the transmitter optical frequency) with bit 1.800.0 being the LSB and bit 1.800.5 being the MSB. The optical channel that corresponds to this index value is given in the appropriate PMD clause. For 100GBASE-ZR see Table 154–6." With

"Bits 1.800.5:0 set the value of the Tx optical channel index number (which directly relates to the optical channel and transmitter center frequency) with bit 1.800.0 being the LSB and bit 1.800.5 being the MSB. The channel index number indicates the optical frequencies that are supported. For 100GBASE-ZR the specific optical frequency supported for each channel index number is listed in Table 154-6."

In 45.2.1.133e.2 replace the sentences "If the PMD is able to operate with an Rx optical channel index that is different from the Tx optical channel index (bit 1.820.15 is one), bits 1.820.5:0 set the value of the Rx optical channel index (which directly relates to the optical channel and receiver center frequency) with bit 1.820.0 being the LSB and bit 1.820.5 being the MSB. The optical channel that corresponds to this index value is given in the appropriate PMD clause."

With "If the PMD is able to operate with an Rx optical channel index number that is different from the Tx optical channel index number (bit 1.820.15 is one), bits 1.820.5:0 set the value of the Rx optical channel index number (and hence the receiver optical frequency) with bit 1.820.0 being the LSB and bit 1.820.5 being the MSB. The channel index number indicates the optical frequencies that are supported. For 100GBASE-ZR the specific optical frequency supported for each channel index number is listed in Table 154-6."

C/ 45 SC 45.2.1.133a.1

C/ 45 SC 45.2.1.186aa	P 35	L 22	# 5	C/ 45 SC 4	5.2.1.186ab	P 36	L 21	# 64
Hajduczenia, Marek	Charter Com	munications		Marris, Arthur		Cadence Des	sign Systems	
Comment Type TR Comm First use of the term IFEC, not of	nent Status A lefined anywhere re	ally.		<i>Comment Type</i> 1.2201.7:3 are		ent Status D		bucke
SuggestedRemedy Provide definition (do not see it	in 802.3-2018 right	now)		SuggestedRemedy Change "1.220	/)1.6:3" to "1.2201.7	:3" in Table 45–15	50ab	
Response Response Response	nse Status W			Proposed Respons PROPOSED A	1	se Status W		
Add IFEC "inverse RS-FEC sub	layer" to abbreviatio	ons		C/ 45 SC 4	5.2.1.186ab.8	P 37	L33	# 39
C/ 45 SC 45.2.1.186aa	P 35	L 49	# 6	Wienckowski, Nata	alie	General Moto	ors	
Hajduczenia, Marek	Charter Com	munications		· · · //·		ent Status D		bucke
Comment Type E Comr	nent Status D		bucket	Awkward word	ing			
Block of text is misaligned / extr	a spaces at the fror	ıt		SuggestedRemedy	/			
SuggestedRemedy					lecoder has this ab			
Per comment					er has this ability to		indication function	1
Proposed Response Respo	nse Status W			Proposed Respons		se Status W		
PROPOSED ACCEPT IN PRIN				PROPOSED A	ACCEPT.			
				C/ 45 SC 4	5.2.1.186ah	P 39	L 44	# 65
Remove unneeded additional sp	baces.			Marris, Arthur		Cadence Des	sign Systems	
C/ 45 SC 45.2.1.186ab	P 35	L 48	# 32	Comment Type	E Comm	ent Status D		bucke
Nicholl, Shawn	Xilinx			This is the first	use the term SC-F	EC so it would be	good to explain th	ne abbreviation
Comment Type ER Comr	ment Status D		bucket	SuggestedRemedy	/			
Extra space at start of line.						of bits in the SC-F	EC (staircase FE	C) alignment status 1
SuggestedRemedy				register is show	wn in Table 45–150)ag."	Υ.	, .
Remove the space that precede	s "The assignment	of bits"		Proposed Respons	se Respon	se Status 🛛 🛛 🛛 🛛 🛛 🖉		
Proposed Response Respo	nse Status W			PROPOSED A	CCEPT IN PRINC	IPLE.		
PROPOSED ACCEPT IN PRIM				Change text to	· "The assignment	of hits in the stair	ase FEC (SC-FE	C) alignment status 1
					wn in Table 45–150			
See response to comment 6.								

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

C/ **45** SC **45.2.1.186ah** Page 9 of 29 7/16/2020 10:45:15 AM

	C/ 80 SC 80.1.3 P48 L16 #	76
Dambrosia, John Futurewei, A U.S. Subsidiary of Huawei	Grow, Bob RMG Consulting	
Comment Type ER Comment Status A	Comment Type E Comment Status A	
While it is true that 100GBASE-Z uses 100GBASE-R encoding, it uses a different	The text inappropriately includes editing instruction.	
modulation approach, but this is not shown architecturally in Fig 80-1.	SuggestedRemedy	
uggestedRemedy Redraw Fig 80-1 to include a stack for 100GBASE-Z Delete "In Figure 80-1 change the list of medium types under CGMII as follows: "100GBASE-R, or 100GBASE-P, or 100GBASE-Z." with proper strike-out and under	In Figure 80-1, replace the list of medium types ("100GBASE-R or 100GBASE CGMII with "100GBASE-R or 100GBASE-P or 100GBASE-Z". Delete line 16. alternately, provide a replacement table with an editing instruction to replace T line. Response Status C	Or
ACCEPT IN PRINCIPLE.	ACCEPT IN PRINCIPLE.	
See response to comment 15.	See response to comment 15.	
·	C/ 80 SC 80.1.3 P48 L16 #	40
1/80 SC 80.1.3 P48 L14 # 15	Wienckowski, Natalie General Motors	-
nslow, Pete Self omment Type ER Comment Status A	Comment Type E Comment Status A	
Changes to figures (other than the title) should show the figure as changed, not rely roll-up editor to interpret the change. Also, there should only be one "or" <i>uggestedRemedy</i> Change the editing instruction to: "Replace Figure 80-1 with the following figure:"	drawing, or just to provide the changed text that would be in the drawing. SuggestedRemedy Change: "100GBASE-R, or 100GBASE-P, or 100GBASE-Z." with proper strike underline.	n updated e-out and
bring Figure 80-1 in to the draft and change:	To: 100GBASE-R(start underline),(end underline) or 100GBASE-P(start under 100GBASE-Z(end underline)	riine), or
"100GBASE-R or 100GBASE-P" to: "100GBASE-R	Response Response Status C	
"100GBASE-R, 100GBASE-P,	Response Response Status C ACCEPT IN PRINCIPLE.	
"100GBASE-R,		
"100GBASE-R, 100GBASE-P, or 100GBASE-Z" with no underline or strikethrough. esponse Response Status C	ACCEPT IN PRINCIPLE.	41
"100GBASE-R, 100GBASE-P, or 100GBASE-Z" with no underline or strikethrough.	ACCEPT IN PRINCIPLE. See response to comment 15.	41
"100GBASE-R, 100GBASE-P, or 100GBASE-Z" with no underline or strikethrough. esponse Response Status C	ACCEPT IN PRINCIPLE. See response to comment 15. C/ 80 SC 80.1.4 P48 L20 #	41 bucké
"100GBASE-R, 100GBASE-P, or 100GBASE-Z" with no underline or strikethrough. esponse Response Status C	ACCEPT IN PRINCIPLE. See response to comment 15. C/ 80 SC 80.1.4 P48 L20 # [Wienckowski, Natalie General Motors	bucke
"100GBASE-R, 100GBASE-P, or 100GBASE-Z" with no underline or strikethrough. esponse Response Status C	ACCEPT IN PRINCIPLE. See response to comment 15. C/ 80 SC 80.1.4 P48 L20 # [Wienckowski, Natalie General Motors Comment Type E Comment Status D "Add" is not a proper editing instruction, you need to use "insert". When all the	bucke
"100GBASE-R, 100GBASE-P, or 100GBASE-Z" with no underline or strikethrough. Pesponse Response Status C	ACCEPT IN PRINCIPLE. See response to comment 15. C/ 80 SC 80.1.4 P48 L20 # Wienckowski, Natalie General Motors Comment Type E Comment Status D "Add" is not a proper editing instruction, you need to use "insert". When all the is being inserted, it doesn't need to be underlined.	<i>bucke</i> e text shown
"100GBASE-R, 100GBASE-P, or 100GBASE-Z" with no underline or strikethrough. Response Response Status C	ACCEPT IN PRINCIPLE. See response to comment 15. Cl 80 SC 80.1.4 P48 L20 # Wienckowski, Natalie General Motors Comment Type E Comment Status D "Add" is not a proper editing instruction, you need to use "insert". When all the is being inserted, it doesn't need to be underlined. SuggestedRemedy Change editing instruction to: Insert the following text as a new eight paragrap as follows:	<i>bucke</i> e text shown

COMMENT STATUS: D/dispatched A/accepted R/rejected	RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn	SC 80.1.4	7/16/2020 10:45:15 AM
SORT ORDER: Clause, Subclause, page, line			

CI 80	SC 80.1.4	P 48	L 27	# 42	C/ 80 SC	80.1.5	P 49	L 23	# 90
Wienckowsk	i, Natalie	General Motor	6		Dambrosia, John		Futurewei, A L	J.S. Subsidiary	of Huawei
Comment Ty	pe E	Comment Status D		bucket	Comment Type	TR	Comment Status A		
included SuggestedRo Remove	in the reference emedy the (EM dash) a	after Table 80-1 in the editing			plus defining t more "conditio	he invers onal" mea	UIs and FEC will not be clear e RS-FEC sublayer as option ning that its use is dependent description here would make t	al isn't really th on whether ar	ne best descriptor It is n optional 100GAUI-n i
	ment, e.g. P49L				SuggestedRemed	'y			
Proposed Re PROPOS	SED ACCEPT.	Response Status W					optional, M=Mandatory, C=Co Inverse RS-FEC from M to C,		dicator for Note b in ne
CI 80	SC 80.1.4	P 48	L 36	# 87	3) add note B		152 inverse RS-FEC needed		
Dambrosia,	John	Futurewei, A L	.S. Subsidiary	of Huawei	combination v 4) add similar		AUI-n defined by 135D, 135E	, 135F, or 1350	G
Comment Ty	pe TR	Comment Status A			Response	note to 1	Response Status C		
upon PH link over defined f SuggestedRe Change 100 Gb/s channel	Y - which is tha 1 to 48 DWDM or the device ar emedy description to - s PHY using 100	0GBASE-ZR PHY does not t a 100GBASE-ZR PHY may channels comprised of Tx ar id selected by the users 0GBASE-R encoding capable VDM grid in each direction of	support opera nd Rx signaling of transmissio	tion of a single DWDM , where the abilities are on over a specified	2) change Cla next to "C" 3) add note b	e a to "O= luse 152 l - Clause 4-1 chang	E. optional, M=Mandatory, C=Co nverse RS-FEC from "O" to " 152 inverse RS-FEC mandato ge "Optional" to "Conditional".	C", and add ar ory when Claus	
Response		Response Status C			C/ 80 SC	80.1.5	P 49	L 24	# <u>6</u> 6
ACCEPT					Marris, Arthur		Cadence Desi	gn Systems	
C/ 80	SC 80.1.5	P 49	L 3	# 43	Comment Type	т	Comment Status R		
Wienckowsk	i, Natalie	General Motor	6		Is Clause 91 r	eally an c	option?		
<i>Comment Ty</i> Where is	pe E table 80-4a?	Comment Status D		bucket		m the 91	column or delete the column	completely in 1	Table 80-4b. Also
SuggestedRo Insert the 802.3cd-	e following in the	editing instruction after Tab	le 80-4a: (as i	nserted by IEEE Std	Response REJECT.	ung an ro	w from Table 154-1 <i>Response Status</i> C		
Proposed Re PROPOS	sponse SED ACCEPT.	Response Status W				ed with a	C may optionally be used on t Clause 152 Inverse RS FEC		

C/ 80 SC 80.1.5 Page 11 of 29 7/16/2020 10:45:15 AM

C/ 80 SC 80.2.2	2 P 49	L 33	# 77		C/ 80	SC 80.3.2	P 51	L 20	# 58
Grow, Bob	RMG Consul	lting			Trowbridg	e, Steve	Nokia		
Comment Type E The base text and o	Comment Status D change marking is incorrect.			bucket	<i>Comment</i> The ".	51	Comment Status D e wrong place - 3 occurrence	s in Figure 80-4	a
SuggestedRemedy There shoud be a s should be undersco Proposed Response PROPOSED ACCE	Response Status W	BASE-P" and ",	and 100GBASE-Z	"	service interfa <i>Proposed</i>	"" to be betwe e interface, and ce	een lane 1 and lane 19 in both between lane 1 and lane 19 i <i>Response Status</i> W		
C/ 80 SC 80.2.4	4 P 50	L 5	# <u>1</u> 0						
aubach, Mark	Self				C/ 80	SC 80.5	P 54	L1	# 44
Comment Type E	Comment Status D			bucket		ski, Natalie	General Mot	ors	
"Clause 83", "Clau SuggestedRemedy Make 'em forest gr Proposed Response PROPOSED ACCE	Response Status W	se 153" should b	e forest green.		striket S <i>uggested</i>	diting instruction hrough in the ta IRemedy	Comment Status A a says to change the table, buble to indicate changes. ruction and table 80-7. Response Status C	t I don't see any	underline or
X 80 SC 80.2.4	4 <i>P</i> 50	L 9	# 57		ACCE	PT.			
Trowbridge, Steve	Nokia				C/ 80	SC 154.5.4	P104	L 43	# 80
Comment Type T	Comment Status A				Schmitt, M		CableLabs		
A clause 135 PMA 100GBASE-ZR PH	may be used across the C2M in	iterface (above t	he Inverse RS-FE	C) in a	Comment		Comment Status D		
SuggestedRemedy Change: "Clause 135 specifi to "Clause 135 specifi	ies a PMA that may be used in c ies a PMA that may be used in c			-ZR	the bla detect preser SIGNA	ack link, the nois . To account fo nce of a valid 10	ndrea_3ct_01_200611, when se floor could be amplified ab r that, while not mandatory, a 0GBASE-R signal in determi lue to OK. Some additional to	ove the power th n implementer n ning whether or i	reshold for signal hay wish to consider the not to set the
PHY types."					Suggested	IRemedy			
Response ACCEPT.	Response Status C				additic above impler	n, as the prese the value of min nentations may	paragraph in 154.5.4, add an nce of optical amplifiers in the nimum average input power [wish to consider the presene g of the SIGNAL_DETECT va	black link could unamplified] in T ce of a complian	raise the noise floor able 154-9,
							Response Status W I IN PRINCIPLE. ment #69.		

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn CI 80 Page 12 of 29 SC 154.5.4 7/16/2020 10:45:15 AM SORT ORDER: Clause, Subclause, page, line

CI 82 SC 82.3.3	B P56	L14	# 88	CI 135A SC 135A.3.	1 P122	L35	# 134
Dambrosia, John	Futurewei, A	A U.S. Subsidiary	/ of Huawei	Dawe, Piers	Nvidia		
Comment Type TR This note is specific scope of the approv SuggestedRemedy	Comment Status R c to the mapping of 40GBASE- ved P802.3ct PAR.	R PCS blocks. E	diting it is not within	Z or 100GBASE-P?	Comment Status D g as 100GBASE-Z/P. Do you or P802.3ck to add, not this pro		E-ZR? Or, 100GBASE-
	anges should be deleted.			Why would Z come b	efore P? Usually we go slow t	o fast, short to lo	ong, wide to narrow.
	0			SuggestedRemedy			
Response REJECT.	Response Status C			Change to:100GBAS 135A-10.	E-Z, or change to: 100GBASE	-P or 100GBASE	E-Z. Also in Figure
P802.3ct project. T P802.3ct changes	ntive change to 40GBASE-R Pl he indicated change is an edito TU-T G.709 from being a biblio 2.3ct moves the ITU-T G.709 r	orial "knock on" ef	fect of the fact that e to being a normative	Proposed Response PROPOSED ACCEP Change "100GBASE	Response Status W T IN PRINCIPLE. -Z/P" to "100GBASE-P/100GB	ASE-Z" (consiste	ent with Figure 83C-3)
	ences in clause 1.3, the references			C/ 135A SC 135A.3.	1 P122	L 36	# 127
82 need to be upda			0	Dawe, Piers	Nvidia		
CI 83C SC 83C.4	.1 P121	L34	# 126	Comment Type E	Comment Status D		
Dawe. Piers	Nvidia			Silly hyphenation. In	ter-face would make sense, in-	terface doesn't.	
Comment Type E Too much spacing	Comment Status D			SuggestedRemedy Set the minimum hyp make the left column	henation fragment size to 3 (I wider.	thought that was	done years ago), and
SuggestedRemedy Use left justificatior	rather than full			Proposed Response PROPOSED ACCEP	Response Status W		
Proposed Response	Response Status W			Implement the propos	sed remedy with editorial licens	se	
	CT. ommenter is asking for. The for I35A. None are left justified.	rmat is consisten	t with other figures in	Cl 135A SC 135A.3 . Dawe, Piers	2 P123 Nvidia	L 26	# 125
C/ 131 SC 1.4.40)1a P22	L 40	# 133	Comment Type E	Comment Status D		bucke
Dawe. Piers	Nvidia			INTERFACEMMD			
Comment Type T State of polarization	Comment Status A			SuggestedRemedy Insert the break			
SuggestedRemedy				Proposed Response PROPOSED ACCEP	Response Status W		
Of an optical signal	· optiour tranomittor ·						
Of an optical signal <i>Response</i>	Response Status C						

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

C/ 135A SC 135A.3.2 Page 13 of 29 7/16/2020 10:45:15 AM

C/ 139 SC 1.4.60a	P 22	L 14	# 3	C/ 152	SC	152.1.2		P 58	L 21	# 91			
Hajduczenia, Marek	Charter Comr	nunications		Dambros	a, John			Futurewei, A	U.S. Subsidiary	of Huawei			
Comment Type E	Comment Status D		buc	ket Comment	Туре	TR	Comment	Status D					
is there any specific re	eason to capitalize "Black Link	and "Channel S	Spacing"?	A ger	eric FE	C block is	used which is	because there	e are different F	ECs may be used with			
SuggestedRemedy					ent PHY I on phy		ame is true for	PMAs. There	fore these two s	sublayers are conditional			
	e lower caps unless it is a pro		sider dropping caps	Suggeste									
Same for 1.4.237a/b/c Same for 1.4.401a - d	d (no need to capitalize Chann rop case	el/Link/System)		00		,	e "1" next to Fl	EC and PMA s	ublavers, add n	ote that states			
Proposed Response	Response Status W									plementation of note.			
PROPOSED ACCEPT	,				•	-) in a similar fa	ishion.				
				Proposed			Response	Status W					
change "Channel" to "	o "black link", change "Channe channel", change "Link" to "lin ent Loss" to "polarization depe	k", "System" to '	'system" and change	In the on Pl	case of IY type,	as certai	0-1 Note 1, the n 100GBASE-	R PHYs don't u	use FEC. There	leed conditional based is never a case where for the PMD. So the			
C/ 152 SC 152.1.1	P 57	L13	# 89							e is a PHY type			
Dambrosia, John	Futurewei, A	U.S. Subsidiary	of Huawei							generic "FEC" is used the "PMA" which is a			
Comment Type E							different PMA depending on the PHY type, but in the context of this sublayer, can just be						
	ar reaching - "used across a cl			referr	ed to ge	enerically.							
	ut IEEE defined interfaces, no nt FEC is used for the PMD."	t just chip-to-chij	p or chip-to module	C/ 152	SC	152.3.7		P 68	L 3	# 26			
SuggestedRemedy				Slavick, J	eff			Broadcom					
	oss a chip-to-chip or chip-to-m					TR	Comment						
	of 100GAUI-n and a different F	EC is needed for	or the intended PMD.				x_scrambled a	and am_txmap	ped, but in this (Clause it's rx_scrambled			
Proposed Response	Response Status W				m_rxma								
PROPOSED ACCEPT	Г IN PRINCIPLE. ss a chip-to-chip or chip-to-mo	dule interface" to	n "is used across a	Suggeste		•	01 5 2 7: "with	the exception	that the messa	ge symbols come from			
physically instantiated							mmapped."		that the messa	ge symbols come nom			
				Proposed	Respor	nse	Response S	Status W					
				PRO	POSED	ACCEPT	IN PRINCIPL						
							end of sub-cla		f transmission	the measure eventee			
										the message symbols led and tx_ammapped.			
							_		-				

C/ 152 SC 152.3.7

C/ 152	SC 152.5.1	P 60	L 44	# 11	C/ 152	SC 1	52.5.2.3	P 61	L 21	# 33
Laubach, N	Mark	Self			Nicholl, S	hawn		Xilinx		
Comment	Туре Е	Comment Status D		bucket	Comment	Туре	TR	Comment Status D		bucke
Sugge	st modifying the	line beginning with " <ital>ins</ital>	t <ital>" for clarity</ital>	<i>'</i> .			se makes i	reference to 91.5.3.3, without	t indication of c	lifferences from
Suggested	Remedy				91.5.3					
		beginning of the sentence to		st <ital> is ". Then</ital>	Suggeste	-	•			
U	0 1 1	s and horizontal centering for	the line.					y 802.3cd-2018) contains an sentence to 152.5.2.3 saying		
Proposed I	,	Response Status W						Inverse RS-FEC sublayer".		
	OSED ACCEPT	IN PRINCIPLE. Ilows that of other existing fig	nures e a Figur	e 83-5	Proposed	Respon	se	Response Status W		
Increas	se the amount o	f space between italicized "in	st" and "PMA or	FEC" to make it more	PROF	POSED A	ACCEPT.			
obviou	s this is a one-e	ntry variable list and not a se	ntence with a bit	of extra space in it.	C/ 152	SC 1	52.5.2.5	P 61	L38	# 45
CI 152	SC 152.5.2.3	P 61	L 20	# 27	Wienckov	vski, Nat	alie	General Motor	s	
Slavick, Je	eff	Broadcom			Comment	Tvpe	Е	Comment Status D		bucke
Comment		Comment Status D			"as fo	llows" sh	ould alwa	ys be followed by ":", not "."		
The de that cle		al to clause 91 except for the	variable that con	tains the data. State	Suggeste	dRemed	V			
	,					ge: as fo				
Suggested Chang		lomon decoder extracts the r	nessage symbol	s from the $RS(511, 511)$		follows		all and the state of the		
		m as necessary, and discard					0 0	phout the draft.		
		20 transcoded blocks tx_scr n decoder implements the R			Proposed	'		Response Status W N PRINCIPLE.		
		tion that message symbols of						ige on P61L38, P61L44, P61	L50, P62L22	
Proposed I	Response	Response Status W			C/ 152	SC 1	52.5.3.1	P 65	L5	# 34
	OSED ACCEPT				Nicholl, S	hawn		Xilinx		
		lomon decoder extracts the r m as necessary, and discard			Comment		ER	Comment Status D		bucke
symbo	ls correspond to	20 transcoded blocks tx_scr	ambled. See 91.	5.3.3."			tenatiing			
		n decoder implements the R tion that message symbols o			Suggeste	dRemed	v			
	ambled."	alon and moodage symbols c			00	-		" with "concatenating"		
					Proposed		-	Response Status W		
					PROF	POSED A	ACCEPT.			

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

C/ 152 SC 152.5.3.1 Page 15 of 29 7/16/2020 10:45:15 AM

CI 152 SC 152.5.3.2	P 65	L16	# 114	C/ 152 SC 152.5.3.7 P68 L1 # 28
Law, David	Hewlett Packa	rd Enterprise		Slavick, Jeff Broadcom
Comment Type E Figure 82.14' should rea	Comment Status D ad 'Figure 82-14'.		bucket	Comment Type E Comment Status D buck Capitlazation
SuggestedRemedy See comment. Proposed Response PROPOSED ACCEPT.	Response Status W			SuggestedRemedy Make the "E" in "Encoder" lowercase for the section title. And the first sentence of the text in the section. Proposed Response Response Status W
C/ 152 SC 152.5.3.5	P 66	L7	# 25	PROPOSED ACCEPT.
Slavick, Jeff	Broadcom			C/ 152 SC 152.5.3.8 P68 L5 # 29
Comment Type ER Missed a conversion fro	Comment Status D om Tx to Rx.		bucket	Slavick, Jeff Broadcom Comment Type E Comment Status D buck Capitlazation
SuggestedRemedy Change "rx_coded_c, fr Proposed Response	rom tx_xcoded" to "rx_coded_ Response Status W	_c, from rx_coded"		SuggestedRemedy Make the "D" in "Distribution" lowercase for the section title.
PROPOSED ACCEPT.				Proposed Response Response Status W PROPOSED ACCEPT.
C/ 152 SC 152.5.3.6	P 67	L 35	# 46	C/ 152 SC 152.5.4.2.1 P70 L49 # 119
Wienckowski, Natalie	General Motor	S		Law, David Hewlett Packard Enterprise
Comment Type E Incorrect number forma	Comment Status D		bucket	Comment Type E Comment Status D buck
SuggestedRemedy Change: 16384 To: 16 384 (with a non-I	brooking space)			Suggest that 'A variable set' should read 'A Boolean variable set'. SuggestedRemedy See comment.
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response Response Status W PROPOSED ACCEPT.

C/ 152 SC 152.5.4.2.1 Page 16 of 29 7/16/2020 10:45:15 AM

C/ 152	SC 152.6	P 72	L15	# 67	C/ 153	SC 153.2.1		P 80	L 50	# 121
Marris, Arth	nur	Cadence Desi	gn Systems		Law, Davi	d	F	lewlett Pack	ard Enterprise	
Comment T	ype TR	Comment Status D			Comment	Туре Т	Comment Sta	atus D		bucke
Insert IF	FEC enable func	ctionality that is currently spec	ified in IEEE Dra	aft P802.3ck/D1.2						see Figure 152-1) or a
SuggestedF	Remedy				PMA (see Figure 83C	-8 as well as Page	e 81, Line 7)	?	
00		k modifications to 152.6 and	45.2.1.186aa in	802.3ct. Also make it	Suggestee	dRemedy				
		setting the variable to one (no				ge 80, line 50 th or PMA to'.	at ' the PCS to	' should be	e change to ' the	e PCS, Inverse RS-
specifie	d in 152.5.2 and	the Inverse RS-FEC sublayer p the receive function as specinit and receive functions are of	ified in 152.5.3.	When the variable is	[2] Pa		t ' the PCS or P	MA' shou	ld be change to '.	the PCS, Inverse
sublaye	er is bypassed,"				Proposed	Response	Response Sta	tus W		
Proposed R	Response	Response Status W			PROF	OSED ACCEPT	Г.			
	OSED REJECT.		90-191	and first	0/ 452	00 452 0 0		D 02	/ 20	# 04
		802.3ck in the process, and w 8ck, clause 152 IFEC would a			C/ 153	SC 153.2.3.		P83	L 20	# <u>3</u> 1
interlea	ved FEC, and bo	oth sublayers would be enabl	ed or disable as	a pair. In the context	Slavick, J		_	roadcom		
		case where the Inverse RS-F and in fact this would make no			Comment	51	Comment Sta			
	, , ,	to the clause 153 SC-FEC su					des a sample FE0	, irame is pr	Ovided like 91A a	and TI9A
configu	rability to the me	echanism produced by P802.3	Sct when needed	1.	Suggested					
C/ 153	SC 153.1.2	P 80	L35	# 47			ovides a sample S	C-FEC fram	e	
Vienckows	ki Natalie	General Motor	s		Proposed	•	Response Sta	tus W		
Comment T		Comment Status D	0	bucket		OSED REJECT		tor is invited	to submit propo	sed text for the type of
Why is	AN in the list of a	acronyms for the Figure when I it, NEGOTATION should be		n the Figure? If it's in	Annex A cha	envisioned.	· FEC codewords	for RS(528,	514) is 5280 bits,	and for RS(544,514)
SuggestedF Delete:	Remedy AN = AUTO-NE	EGOTATION				equence of num				so it is less clear that a ful or useful for the
Proposed R	Response	Response Status W			While	test vectors are		r this FEC co	ode, none are cu	rrently published in a
	DSED ACCEPT.					where they can		significant de	atail on the struct	ure of the code, the
							vers work, and the			
/ 153	SC 153.2.1	P 80	L 50	# 120						
aw, David		Hewlett Packa	rd Enterprise							
Comment T Sugges the SC-	t that ' informa	Comment Status D ation to and from the FEC.' sh	ould read ' info	<i>bucket</i> ormation to and from						
SuggestedF	Remedv									
See cor	•									
Proposed R	Response	Response Status W								
'	DSED ACCEPT.									
	ochnical require	d ER/editorial required GR/c	oporal required	T/tochnical E/aditorial C/a	roporal			CL 15	2	Page 17 of 29

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

C/ 153 SC 153.2.3.2.4 Page 17 of 29 7/16/2020 10:45:15 AM

C/ 153	SC 153.2.3.2.	4 P83	L 43	# 30	C/ 153	SC 153.2.3	.2.4	P 85	L13	# 122
Slavick, J	eff	Broadcom			Law, David	l		Hewlett Pacl	kard Enterprise	
Comment	Type TR	Comment Status D			Comment	Гуре Т	Comment S	tatus D		
	pattern supplied seld (sent R to L)	sent Left to right or Right to I	eft or first field (s	ent R to L) followed by	encodi					FEC frame' shows the ame is 189 GMP word
Suggestee	dRemedy				frame.					
Add s	tatement to 1) whi	ich defines the order the bits	are transmitted.							89 GMP word frame,
Proposed	Response	Response Status W								rting all of the even- he previous frame,
While	POSED ACCEPT it is normally the mitted left to right,	convention that when writter	i in binary form tl	nat the bits would be						nent indicator (II bit) to
"The f to	FAS is the followin	ng fixed bit pattern:"	ad loft to right."		on pag	e 85, lines 13-	14 must be applie	ed to middle	row of Table 153-	34 line 50-51), the text 1 as the previous
			0		frame I	has to have be	en a 189 GMP w	ord frame fol	lowing a 188 GM	P word frame.
C/ 153	SC 153.2.3.2.		L 51	# 124						if inverted as described
.aw, Davi			ard Enterprise							e last row or Table 153 with the odd numbers
Comment		Comment Status D		bucket	C bits.			ge 00, intes		
	est that the abbrev inced here.	viations 'GMP OH' used in Fi	gure 153-3 'SC-I	EC frame' should be	14		te in this sees on			a han af succeda in tha
Suggestee	dRemedy		and a laborate		next fra					ber of words in the of their value from
		MP mapping overhead is en rhead (GMP OH) is encoded		be changed to read	Suggested	Remedy				
	Response	Response Status W				-	n of the C bits if re	equired.		
•	POSED ACCEPT.				Proposed I	Response	Response Si	tatus W		
			10	" [100			T IN PRINCIPLE			
C/ 153	SC 153.2.3.2.		L 9	# 123		ge 85 line 12, c		aita (C12, C1		2, C0) from the value in
Law, Davi			ard Enterprise			vious frame"		JIIS (C12, C1	0, 00, 00, 04, 0	
Comment	21	Comment Status D			to					
Manua anoth	al says 'Note that er document shall	ion as a normative reference in-text reference to a specifi be dated even if the undate	c clause, subclau	use, table, or figure of	value c	of GMP words f	filled in the previc	us frame (18	9)"	2, C0) from the numeri
	ormative reference	es.'.								numbered bits of the Il value by signaling an
Suggestee	•									189 which persists for
Pleas	e provide a dated	reference for ' ITU-T G.70	9 Clause 19.4.3.	2.'		e frame.		,	0	
Proposed	Response	Response Status W								
	POSED ACCEPT ge "ITU-T G.709"	IN PRINCIPLE. to "ITU-T G.709 (06/2020)"								

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

C/ 153 SC 153.2.3.2.4 Page 18 of 29 7/16/2020 10:45:15 AM

C/ 153 SC	C 153.2.3.2.4	P 85	L 46	# 103	C/ 153 SC 153.2.3	3.3.1 <i>P</i> 87	L 47	# 56
Maniloff, Eric		Ciena			Trowbridge, Steve	Nokia		
Comment Type	т	Comment Status D		bucket	Comment Type TR	Comment Status D		
depending of		level varies 3 or 189 GMP words are fill aries with the clock offset of			trowbridge_01_2005	t process encounters false los 28 presented in the 28 May 20		
SuggestedRem				5	SuggestedRemedy	de des sites d'in transferidas - 04	00001111	
Modify text	to read "whose	e fill level varies with the clo		J.		dy described in trowbridge_01 e that this remedy includes a c 3.		
		8 or 189 GMP words are fill	ed in a given So	C-FEC frame."	Proposed Response	Response Status 🛛 🛛 🛛 🛛 🛛 🖉		
Proposed Resp		Response Status W			PROPOSED ACCER	PT.		
PROPOSEI	DACCEPT.				C/ 153 SC 153.2.3	3.3.4 P88	L 20	# 115
C/ 153 SC	C 153.2.3.2.7	P 87	L 33	# <u>5</u> 1	Law, David	Hewlett Pac	kard Enterprise	
Wienckowski, N	Vatalie	General Motor	s		Comment Type E	Comment Status D		bucke
Comment Type	Е	Comment Status D		bucket	Suggest that '0x1e' s	should be '0x1E', See figure 82	2-5.	
missing "be	" verb				SuggestedRemedy			
SuggestedRem					See comment.			
		the FEC frame distributed FEC frame are distributed			Proposed Response PROPOSED ACCE	Response Status W		
Proposed Resp	onse	Response Status W				-1.		
	D ACCEPT IN	PRINCIPLE. est of the paragraph, chang	10.		C/ 153 SC 153.2.4	4.1.1 P89	L15	# 52
		frame distributed"	Je.		Wienckowski, Natalie	General Mot	tors	
To: "first 16 oct	ets of the FEC	frame is distributed"			Comment Type E	Comment Status D		bucke
-	_		1.0-			t use of true/false & True/Fals	e throughout this	subclause
	C 153.2.3.2.7	P 87	L 35	# 54	SuggestedRemedy			
Wienckowski, N		General Motor	S		0	e states of a Boolean variable u	use "TRUE" and "	FALSE".
Comment Type wrong "dasł		Comment Status D		bucket	Proposed Response PROPOSED ACCE	Response Status W		
SuggestedRem	edy							
Change the Also P94L4		er "NOTE" to an "EM dash"						
Proposed Resp		Response Status W						

PROPOSED ACCEPT.

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

C/ 153 SC 153.2.4.1.1 Page 19 of 29 7/16/2020 10:45:16 AM

C/ 153 SC 153.2.4		L 34	# 113	C/ 153	SC 153.2.4.4		L 27	# 117
Law, David		ckard Enterprise		Law, Dav	rid		Packard Enterprise	
Comment Type T Suggest that 'A varial	Comment Status D ble set' should read 'A Boo	blean variable set'.	buci	Туро		Comment Status D ' <= current_fecll' in st		f Figure 153-7 should
SuggestedRemedy					dRemedy	J.		
See comment.					comment.			
Proposed Response	Response Status W				l Response	Response Status V	,	
PROPOSED ACCEP	Т.				POSED ACCEPT	•		
C/ 153 SC 153.2.4 Law, David		L 13 ckard Enterprise	# 112	Over	aken by events.	This is fixed in the review ce call. See comment #		ewed in the 11 June
Comment Type E	Comment Status D		buci	ket C/ 153	SC 153.2.4.4	4 P 91	L 41	# 118
Booolean' should r				Law, Day	rid	Hewlett	Packard Enterprise	
SuggestedRemedy				Commen	t Type T	Comment Status D		
See comment.						e_mapping <x> assigned fined in subclause 153.2</x>		the state 2_GOOD of
Proposed Response	Response Status W			Suggeste	dRemedy			
PROPOSED ACCEP	1.			Add	a definition of the	variable FEC_lane_map	oping <x> to subclause</x>	e 153.2.4.1.1 'Variables'.
C/ 153 SC 153.2.4	4 P 91	L 7	# 116	Proposed	l Response	Response Status V	/	
Law, David	Hewlett Pa	ckard Enterprise			POSED ACCEPT	IN PRINCIPLE.		
Comment Type T	Comment Status D			Add:	lane mapping <x< td=""><td></td><td></td><td></td></x<>			
diagram' include the	d COUNT_NEXT in Figure 1 action 'start fas_counter'. Su s that 'The notation used in t	bclause 153.2.4 'Det	ailed functions and	This wher	variable indicates	which FEC lane is rece UE, where x=0:19.	ived on lane x of the l	PMA service interface
	++ after a counter or integer			C/ 153	SC 153.2.32	.4 P84	L16	# 48
	r this subclause, nor the refe	renced subclause 2	1.5, defines a start		wski, Natalie	General		
action for a counter, a	and what it means.			Commen	-	Comment Status D		bucket
SuggestedRemedy	inter' to read 'fee acustor	- O' in both the State	COUNT 2 and		ng spaces			
COUNT NEXT state	unter' to read 'fas_counter <= s.		S COUNT_2 and	Suggeste	dRemedy			
Proposed Response	Response Status W				ge: 255/227			
PROPOSED REJEC	•				255 / 227			
fas_counter works dif	ferently than some other cou e.g., fas_bad_count increme			-1	l Response POSED ACCEP1	Response Status V	1	
which is after you have	counter", you remain in that re counted off 16320 octets o add explicit loops that show	until the next place ye	ou expect to find the	•				
	red ER/editorial required G lispatched A/accepted R/re Subclause, page, line				d U/unsatisfied		C/ 153 SC 153.2.32.4	Page 20 of 29 7/16/2020 10:45:1

16 AM

C/ 153 SC 153.2.32.4	4 P 86	L 3	# 49	C/ 153 SC 153.3.2.3.1	P 95	L 24	# 59
/ienckowski, Natalie	General Motors	3		Trowbridge, Steve	Nokia		
omment Type T	Comment Status D		bucket	Comment Type E	Comment Status D		
math error. If this is not	t a math error, please explain	how 3 can be	the correct answer.	The encoder (clause 153.3			
SuggestedRemedy				for the top-line baud rate, b	but the equivalent decode	r section does n	ot.
Change: 75 + 12 - 80 =	: 3			SuggestedRemedy			
To: 75 + 12 - 80 = 7				Add the approximate top-lin	,	Bd) after the for	mula.
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response R PROPOSED ACCEPT.	Response Status W		
C/ 153 SC 153.2.32.4	1 P86	L 29	# 50	C/ 153 SC 153.3.2.3.2	P 95	L 34	# 102
Vienckowski, Natalie	General Motors	6		Maki, Jeffery	Juniper Netw	orks	
Comment Type E missing spaces	Comment Status D		bucket	Comment Type ER O Sub-clause is self reference	Comment Status D ing. Reference to 153.3.2	2.3.2 is erroneou	S.
SuggestedRemedy				SuggestedRemedy			
Change: 512×510				Replace 153.3.2.3.2 with 1	53.3.2.2.2.		
To: 512 × 510				Proposed Response R	Response Status W		
Proposed Response	Response Status W			PROPOSED ACCEPT IN F			
PROPOSED ACCEPT.				Replace 153.3.2.3.2 with 1	53.3.2.2.1		
C/ 153 SC 153.3.1	P 93	L 49	# 53	C/ 154 SC .2	P 101	L 28	# 111
Vienckowski, Natalie	General Motors	6		John, DeAndrea	Finisar / II-VI		
Comment Type E	Comment Status D		bucket		Comment Status D		
missing spaces				The black lenj with amplifie contribution "deandrea_3ct			-30 dBm at TP3. Se
Change: 255/227				SuggestedRemedy			
To: 255 / 227				Add addtioanl statement in			
Also on line P93L51, P9				average power exceeding - should take this condition i		s in the "OFF" sta	ate, a implimentation
Proposed Response	Response Status W				Response Status W		
PROPOSED ACCEPT.				PROPOSED REJECT.			
				The section for which the n level, even is a note, is not		s generic and ad	ding details of this

C/ **154** SC **.2**

C/ 154 SC 5.4	P 104	L 43	# 110	C/ 154	SC 154.1	ŀ	⊃ 99	L 8	# 82
John, DeAndrea	Finisar / II-VI			Dambrosia	a, John	Fut	turewei, A	U.S. Subsidiary	of Huawei
Comment Type T	Comment Status D			Comment	Type ER	Comment State	us D		
The use of optical PMD type.	amplifiers ion the black link create	e addtional noise	conditions for this	helpfu	l -	2		·	this sentence is not
SuggestedRemedy					1 0 0	nerated by this PMI		0	a dual polarization ole for reception by a
Add the following t	o the note ", optical amplifier nois	e in the Black Li	nk, etc."		ent optical	phase shint keying	(DI -DQI	Sity ionnat suitar	
Proposed Response	Response Status W			receiv	er."				
PROPOSED ACC	EPT IN PRINCIPLE.			Suggested	dRemedy				
See resolution to c	comment #69.				ce this sentence				
C/ 154 SC 154.1	I P 9 9	L 7	# 92			erated by this PMD phase shift keying			dual polarization
Dambrosia, John	Futurewei, A	U.S. Subsidiary	of Huawei	Proposed	Response	Response Statu	is Z		
Comment Type E	Comment Status A			REJE	CT.	,			
Wording can be im	proved.			This					
SuggestedRemedy					omment was w	ITHDRAWN by the	comment	er.	
	es the 100GBASE-ZR PMD toget			C/ 154	SC 154.2	ŀ	^{>} 101	L15	# 60
	ber based DWDM channel which		or more optical	Trowbridg	e, Steve	No	kia		
	escribed in the form of a black link	k (see 154.6).		Comment	Type E	Comment State	us D		Buc
Response ACCEPT IN PRIN	Response Status C			The ni paragi	· ·	.9525 Gbd) is not ai	n exact no	minal value. San	ne issue in the next
Change the first pa	art of the first sentence to "This cla	ause specifies th	e 100GBASE-ZR PMD	Suggested	dRemedy				
together with the a which may contain	ssociated medium, which is a sing one or more optical amplifiers an	gle-mode fiber b	ased DWDM channel			MA clause uses the bd (~27.9525 Gbd).	exact forn	nula and an appr	oximate nominal:
methodology (see	154.6)"			Proposed	Response	Response Statu	is W		
						T IN PRINCIPLE. ed remedy with edit	torial licen	se.	

C/ 154 SC 154.2

C/ 154	SC 154.5.4	P 104	L 32	# 105	C/ 154	SC 154.5.4	P 104	L 32	# 104	
Maniloff, Er	ic	Ciena			Maniloff, E	Fric	Ciena			
Comment T	уре Т	Comment Status D			Comment	Туре Т	Comment Status D			
Rather 1	than Optical Pov	ver the Receive Condition sh	ould refer to Sig	gnal Power			by this specification, the inte	•		
SuggestedF Change		al" to "Optical signal"			that S		er than the signal power. As s may not be a reliable indicated indicated be added.		5	
Proposed R	Response	Response Status W			Suggested	Remedy				
The con "optical	signal power" re	de insufficiently clear why ch solves the issue, also raised	in other comm	ents, on	Add note to Table 154-5 indicating "For amplified systems using average power for Signa Detect, the Signal Detect value may not indicate FAIL when the Optical Signal is below its specified threshold in Table 154-9"					
	L_DETECT and to resolution to c	how this would improve the o omment #69	uality of the dra	aft.		<i>Response</i> OSED ACCEPT	Response Status W IN PRINCIPLE.			
C/ 154	SC 154.5.4	P 104	L 32	# <u>7</u> 9		discussion.				
Schmitt, Ma	att	CableLabs			See re	solution to com	nent #69.			
Comment T	<i>уре</i> т	Comment Status D			C/ 154	SC 154.5.4	P 104	L 32	# 69	
		irement that if the Average o			Stassar, P	eter	Huawei			
		IGNAL_DETECT value must wer threshold for receiver set			Comment	Туре т	Comment Status D			
	•	iver power meter. Further, it		0,	The si		l of -30 dBm at TP3 is too lov			

The signal_detect level of -30 dBm at TP3 is too low in the presence of optical noise (ASE) due to the presence of one (or more) optical amplifier(s) inside the black link. In order to get a sufficiently reliable signal_detect level in the case of amplified operation, this threshold should be increased to -23 dBm, which is still sufficiently below the Minimum average input power [amplified] of -16 dBm specified for the amplified operation. On the other hand for unamplified operation, being a side application supported by this specification, a signal_detect level of -30 dBm is right on the level of Minimum average input power [unamplified] of -30 dBm and therefore too high for the unamplified operation. Defining a single signal_detect level appropriate for both amplified and unamplified operation is therefore not possible. Because the amplified operation is the "normative" application consistent with the agreed objective of 80 km, this specification should be addressed in a note.

SuggestedRemedy

In Table 154-5 modify the signal_detect level of -30 dBm to -23 dBm and adress unamplified operation in a Note, with content TBD, pending further discussion

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE. For Task Force discussion.

the requirement for sensitivity, since all values less than -30 dBm must be marked as FAIL.

even if the receiver can decode them successfully. Setting this value lower will provide

The commenter addresses an issue related to unamplified operation of the interface not

Lowering the threshold of SIGNAL DETECT to -32 dBm will not address the issue of the

presence of noise from optical amplifiers inside a black link meeting the requirements from

satisfying the objective of "operation on a single wavelength capable of at least 80 km over

some margin and permit implementations that exceed the minimum requirement.

In the first row of Table 154-5, change "-30 dBm" to "-32 dBm".

the project objective, an issue which is raised in other comments.

Response Status W

SuggestedRemedy

Proposed Response

PROPOSED REJECT.

See also resolution to comment #69.

a DWDM system".

C/ 154 SC 154.5.4

C/ 154	SC 154.6	P 105	L 36	# 94	C/ 154	SC 154.6	P105	L 38	# 96	
Dambrosia	ambrosia, John Futurewei, A U.S. Subsidiary of Huawei					Dambrosia, John Futurewei, A U.S. Subsidiary of Huawei				
This su over w associ Glven	etence does no ubclause provic /hich the PHY o ated wavelengt the differences	Comment Status D t adequately describe the opera les details of the medium associ perates at a single optical frequ h) on a defined frequency grid. between 100GBASE-ZR and 4 should be clearly called out.	ciated with the 1 Jency (often als	00GBASE-ZR PMD, o referred to by its	of refe P802. refere center	se of the term "o erence, as it son 3ct, it is used to nce to the frequ r frquency, appro	Comment Status A channel" in IEEE 802.3 can be netimes refer to the medium be describe both the medium be ency of the optical wavelength oximate channel center wevele	etween the Tx a tween the tx and (i.e. channel in	nd Rx. In the case of d rx, as well as in	
Suggested Replac This su over w associ With This su over w associ 100 Gl Proposed I PROP The se on nur 154.6.	Remedy ce sentence - ubclause provic /hich the PHY o iated wavelengt ubclause provic /hich the PHY o iated wavelengt Hz center chan Response OSED REJECT entence in the rember of channe	les details of the medium assoc perates at a single optical frequ h) on a defined frequency grid. les details of the medium assoc perates at a single optical frequ h) on a defined frequency grid nel spacing specified in Table 1 <i>Response Status</i> W	uency (often als ciated with the 1 uency (often als consisting of 48 54-6. some generic in the quality of th	o referred to by its 00GBASE-ZR PMD, o referred to by its channels based on a formation and details he draft at this point of	chann which freque grid be To The m chann which either	e edium associat el is defined as th ency etween a DWDM nedium associat el is defined as th by Channel Ind etween a DWDM	ed with the 100GBASE-ZR PM e transmission path over a sin A PHY transmitting to another ed with the 100GBASE-ZR PM e transmission path over a sin ex Number or Channel Center A PHY transmitting to another <i>Response Status</i> C P105	gle wavelength/ DWDM PHY. /D is also referr gle wavelength/ Frequency) on	frequency on a defined ed to as a DWDM frequency (referred to	
param freque	eters addresse ncies are addre	d in the subclause on 154.7 for sessed in the third paragraph of comment #95, where channel	100GBASE-ZR 154.6.	and the choice of	Dambrosi Comment	a, John <i>Type</i> TR	Futurewei, A Comment Status A	U.S. Subsidiary		
	<i>Type</i> E rmatting of text	P105 Lumentum <i>Comment Status</i> D in 154.6 and 154.7 appears dif	L 36 ferent to the oth	# 98 Bucket her clauses. Perhaps	"the tr betwe This d <i>Suggested</i>	ansmission path en a DWDM PH loes not match t dRemedy	ody of the text for DWDM Cha n over a single wavelength/fred Y transmitting to another DWI he definition in 1.5.237a.	quency on a def DM PHY."		
tighter Suggestea		a different font size.			Replace definition in 1.4.237a with the noted definition that was in the body of the text.					
00		e style to match the rest of the	clause.		Response ACCE		Response Status C LE.			
roposed PROP	Response	Response Status W T IN PRINCIPLE. th editorial license.			ACCEPT IN PRINCIPLE. The noted text is located in 1.4.237a. Replace the text in 1.4.237a DWDM Channel with "the transmission path over a single wavelength/frequency on a defined frequency grid between a DWDM PHY transmitting to another DWDM PHY."					

C/ 154 SC 154.6

C/ 154 SC 154.6	P 106	L 8	# 12	C/ 154	SC 154.6	P107	L 32	# 13
aubach, Mark	Self			Laubach,	Mark	Self		
Comment Type E	Comment Status D			Comment	Type E	Comment Status D		Buci
The grey shaded box in labeled as "black link"?	Figure 154-3 is confusing.	Should be remo	oved, less grey, and/or	Missin	g cross referenc	ce		
				Suggested	Remedy			
SuggestedRemedy Editor's choice to ameno	t for algority			Both c	occurences of "T	able 154-6" in this paragrap	h should be a cro	ss reference.
Proposed Response	,			Proposed	Response	Response Status W		
PROPOSED ACCEPT II	Response Status W			PROP	OSED ACCEPT	Г.		
Add a note to clarify the	grey box in Figure 154-3, to			C/ 154	SC 154.7	P107	L	# 68
	he scope of this clause and provide some information.	the details insid	de the box are only	Stassar, F	Peter	Huawei		
With editorial license.				Comment	Type ER	Comment Status D		
/ 154 SC 154.6	P106	L31	# 95	Sever	al of the parame	ter namings are not consiste	ent with previous	y used conventions and
ambrosia, John		U.S. Subsidiary				odified. This has already be g on 11 June 2020 as show		ing the TF interim
,		0.0. Oubbildidi y			www.ieee802.org	g/3/cw/public/tf_interim/20_0	0611/stassar_3cw	
omment Type TP	Comment Status D							
	Comment Status D	o support all 48	channels Additionally			esirable to use consistent na	aming between 10	00GBASE-ZR and
There is no requirement	for a 100GBASE-ZR PHY t				t it is strongly de BASE-ZR draft s		aming between 10	0GBASE-ZR and
There is no requirement it is not noted that a use					BASE-ZR draft s		aming between 10	00GBASE-ZR and
There is no requirement it is not noted that a use which support the same	for a 100GBASE-ZR PHY t r needs to configure a 100G			400GE <i>Suggestec</i> Impler	BASE-ZR draft s IRemedy ment the change	pecifications es as proposed in	U U	
There is no requirement it is not noted that a use which support the same	for a 100GBASE-ZR PHY t r needs to configure a 100G channnel index numbers.			400GE <i>Suggested</i> Impler http://v	BASE-ZR draft s IRemedy nent the change www.ieee802.org	pecifications es as proposed in g/3/cw/public/tf_interim/20_(0611/stassar_3cw	/_01_200611.pdf,
There is no requirement it is not noted that a use which support the same SuggestedRemedy Add sentence at end of A 100GBASE-ZR PHY in	for a 100GBASE-ZR PHY t r needs to configure a 100G channnel index numbers. paragraph - mplementation may suppor	SBASE-ZR Tx w	vith a 100GBASE-ZR Rx, el frequencies over a	400GE Suggested Impler http://\ excep	BASE-ZR draft s <i>IRemedy</i> ment the change www.ieee802.org t "Average receiv	pecifications es as proposed in	0611/stassar_3cw	/_01_200611.pdf,
There is no requirement it is not noted that a use which support the same SuggestedRemedy Add sentence at end of A 100GBASE-ZR PHY in DWDM system. Configu	for a 100GBASE-ZR PHY t r needs to configure a 100G channnel index numbers. paragraph - mplementation may suppor uration of a DWDM link with	SBASE-ZR Tx w	vith a 100GBASE-ZR Rx, el frequencies over a	400GE Suggested Impler http://v excep [ampli	BASE-ZR draft s IRemedy ment the change www.ieee802.org t "Average receiv fied] (min)"	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)"	0611/stassar_3cw	/_01_200611.pdf,
There is no requirement it is not noted that a use which support the same SuggestedRemedy Add sentence at end of A 100GBASE-ZR PHY in DWDM system. Configu the same channel freuer	for a 100GBASE-ZR PHY t r needs to configure a 100G channnel index numbers. paragraph - mplementation may suppor uration of a DWDM link with ncy is necessary.	SBASE-ZR Tx w	vith a 100GBASE-ZR Rx, el frequencies over a	400GE Suggested Impler http://v excep [ampli Proposed	BASE-ZR draft s IRemedy ment the change www.ieee802.org "Average receiv fied] (min)" Response	pecifications es as proposed in g/3/cw/public/tf_interim/20_(0611/stassar_3cw	/_01_200611.pdf,
There is no requirement it is not noted that a use which support the same uggestedRemedy Add sentence at end of A 100GBASE-ZR PHY in DWDM system. Configu the same channel freuer proposed Response	for a 100GBASE-ZR PHY tr r needs to configure a 100G channnel index numbers. paragraph - mplementation may support uration of a DWDM link with ncy is necessary. <i>Response Status</i> W	SBASE-ZR Tx w	vith a 100GBASE-ZR Rx, el frequencies over a	400GE Suggested Impler http://v excep [ampli Proposed PROP	BASE-ZR draft s IRemedy ment the change www.ieee802.org "Average receiv fied] (min)" Response	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)" <i>Response Status</i> W F IN PRINCIPLE.	0611/stassar_3cw	/_01_200611.pdf,
There is no requirement it is not noted that a use which support the same uggestedRemedy Add sentence at end of f A 100GBASE-ZR PHY in DWDM system. Configu the same channel freuer roposed Response PROPOSED ACCEPT II	for a 100GBASE-ZR PHY t r needs to configure a 100G channnel index numbers. paragraph - mplementation may support uration of a DWDM link with ncy is necessary. <i>Response Status</i> W N PRINCIPLE.	BASE-ZR Tx w t 1 to 48 channe a 100GBASE-2	vith a 100GBASE-ZR Rx, el frequencies over a ZR Tx and Rx to support	400GE Suggested Impler http://v excep [ampli Proposed PROP	BASE-ZR draft s IRemedy ment the change www.ieee802.org t "Average receiv fied] (min)" Response OSED ACCEPT	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)" <i>Response Status</i> W F IN PRINCIPLE.	0611/stassar_3cw	/_01_200611.pdf,
There is no requirement it is not noted that a use which support the same uggestedRemedy Add sentence at end of A 100GBASE-ZR PHY in DWDM system. Configu the same channel freuer troposed Response PROPOSED ACCEPT II It is proposed to modify	for a 100GBASE-ZR PHY t r needs to configure a 100G channnel index numbers. paragraph - mplementation may support uration of a DWDM link with ncy is necessary. <i>Response Status</i> W N PRINCIPLE. the last sentence of the thir	BASE-ZR Tx w t 1 to 48 channe a 100GBASE-2 d paragraph (ur	vith a 100GBASE-ZR Rx, el frequencies over a ZR Tx and Rx to support nder Figure 154-3) "The	400GE Suggested Impler http:// excep [ampli Proposed PROP For TF	BASE-ZR draft s <i>Remedy</i> ment the change www.ieee802.org t "Average receive fied] (min)" <i>Response</i> OSED ACCEPT discussion and SC 154.7.1	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)" <i>Response Status</i> W f IN PRINCIPLE. l agreement.	0611/stassar_3cw which should be '	/_01_200611.pdf, 'Average receive powe
There is no requirement it is not noted that a use which support the same uggestedRemedy Add sentence at end of A 100GBASE-ZR PHY in DWDM system. Configu the same channel freuer roposed Response PROPOSED ACCEPT II It is proposed to modify	for a 100GBASE-ZR PHY t r needs to configure a 100G channnel index numbers. paragraph - mplementation may support uration of a DWDM link with ncy is necessary. <i>Response Status</i> W N PRINCIPLE. the last sentence of the thir ecification covers a maximu	BASE-ZR Tx w t 1 to 48 channe a 100GBASE-2 d paragraph (ur	vith a 100GBASE-ZR Rx, el frequencies over a ZR Tx and Rx to support nder Figure 154-3) "The	400GE Suggested Impler http://v excep [ampli Proposed PROP For TF C/ 154	BASE-ZR draft s <i>Remedy</i> ment the change www.ieee802.org t "Average receive fied] (min)" <i>Response</i> OSED ACCEPT - discussion and SC 154.7.1 Eric	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)" <i>Response Status</i> W F IN PRINCIPLE. d agreement. P108	0611/stassar_3cw which should be '	/_01_200611.pdf, 'Average receive powe
There is no requirement it is not noted that a use which support the same <i>uggestedRemedy</i> Add sentence at end of A 100GBASE-ZR PHY in DWDM system. Configu the same channel freuer <i>troposed Response</i> PROPOSED ACCEPT II It is proposed to modify 100GBASE-ZR PMD spi system, supporting betw to	for a 100GBASE-ZR PHY t r needs to configure a 100G channnel index numbers. paragraph - mplementation may support uration of a DWDM link with ncy is necessary. <i>Response Status</i> W N PRINCIPLE. the last sentence of the thir ecification covers a maximu yeen 1 and 48 channels."	BASE-ZR Tx w t 1 to 48 channe a 100GBASE-2 d paragraph (ur im of 48 channe	vith a 100GBASE-ZR Rx, el frequencies over a ZR Tx and Rx to support nder Figure 154-3) "The els over a DWDM	400GE Suggested Impler http:// excep [ampli Proposed PROP For TF C/ 154 Maniloff, E Comment	BASE-ZR draft s <i>Remedy</i> ment the change www.ieee802.org t "Average receive fied] (min)" <i>Response</i> OSED ACCEPT - discussion and SC 154.7.1 Eric	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)" <i>Response Status</i> W T IN PRINCIPLE. I agreement. P108 Ciena	0611/stassar_3cw which should be '	/_01_200611.pdf, 'Average receive powe
There is no requirement it is not noted that a use which support the same uggestedRemedy Add sentence at end of J A 100GBASE-ZR PHY in DWDM system. Configu the same channel freuer troposed Response PROPOSED ACCEPT II It is proposed to modify 100GBASE-ZR PMD spi system, supporting betw to "The 100GBASE-ZR PM	for a 100GBASE-ZR PHY t r needs to configure a 100G channnel index numbers. paragraph - mplementation may support uration of a DWDM link with ncy is necessary. <i>Response Status</i> W N PRINCIPLE. the last sentence of the thir ecification covers a maximu	BASE-ZR Tx w t 1 to 48 channe a 100GBASE-2 d paragraph (ur im of 48 channe aximum of 48 cl	vith a 100GBASE-ZR Rx, el frequencies over a ZR Tx and Rx to support nder Figure 154-3) "The els over a DWDM hannels over	400GE Suggested Impler http:// excep [ampli Proposed PROP For TF C/ 154 Maniloff, E Comment	BASE-ZR draft s <i>Remedy</i> ment the change www.ieee802.org t "Average receive fied] (min)" <i>Response</i> OSED ACCEPT - discussion and SC 154.7.1 Eric <i>Type</i> E KHz = 1 MHz	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)" <i>Response Status</i> W T IN PRINCIPLE. I agreement. P108 Ciena	0611/stassar_3cw which should be '	/_01_200611.pdf, 'Average receive powe
There is no requirement it is not noted that a use which support the same uggestedRemedy Add sentence at end of J A 100GBASE-ZR PHY in DWDM system. Configu the same channel freuer roposed Response PROPOSED ACCEPT II It is proposed to modify 100GBASE-ZR PMD spi system, supporting betw to "The 100GBASE-ZR PM	for a 100GBASE-ZR PHY tr r needs to configure a 100G channnel index numbers. paragraph - mplementation may support uration of a DWDM link with ney is necessary. <i>Response Status</i> W N PRINCIPLE. the last sentence of the thin ecification covers a maximutiven 1 and 48 channels."	BASE-ZR Tx w t 1 to 48 channe a 100GBASE-2 d paragraph (ur im of 48 channe aximum of 48 cl	vith a 100GBASE-ZR Rx, el frequencies over a ZR Tx and Rx to support nder Figure 154-3) "The els over a DWDM hannels over	400GE Suggested Impler http://v excep [ampli Proposed PROP For TF C/ 154 Maniloff, E Comment 1000 F Suggested	BASE-ZR draft s <i>Remedy</i> ment the change www.ieee802.org t "Average receive fied] (min)" <i>Response</i> OSED ACCEPT - discussion and SC 154.7.1 Eric <i>Type</i> E KHz = 1 MHz	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)" <i>Response Status</i> W T IN PRINCIPLE. d agreement. P108 Ciena <i>Comment Status</i> D	0611/stassar_3cw which should be '	/_01_200611.pdf, 'Average receive powe
There is no requirement it is not noted that a use which support the same SuggestedRemedy Add sentence at end of A 100GBASE-ZR PHY in DWDM system. Configu- the same channel freuer Proposed Response PROPOSED ACCEPT II It is proposed to modify 100GBASE-ZR PMD spi system, supporting betw to "The 100GBASE-ZR PM a DWDM system, supporting betw to a DWDM system, supporting betw a DWDM system, supporting betw a DWDM system, supporting betw between the statement of the system of t	for a 100GBASE-ZR PHY tr r needs to configure a 100G channnel index numbers. paragraph - mplementation may support uration of a DWDM link with ncy is necessary. <i>Response Status</i> W N PRINCIPLE. the last sentence of the thire ecification covers a maximu yeen 1 and 48 channels."	BASE-ZR Tx w t 1 to 48 channe a 100GBASE-2 d paragraph (ur um of 48 channe aximum of 48 ch innels, with a ch	vith a 100GBASE-ZR Rx, el frequencies over a ZR Tx and Rx to support nder Figure 154-3) "The els over a DWDM hannels over hannel spacing of at	400GE Suggested Impler http://v excep [ampli Proposed PROP For TF C/ 154 Maniloff, E Comment 1000 F Suggested	BASE-ZR draft s <i>Remedy</i> ment the change www.ieee802.org t "Average receiv fied] (min)" <i>Response</i> OSED ACCEPT - discussion and <u>SC 154.7.1</u> Eric <i>Type</i> E KHZ = 1 MHZ <i>IRemedy</i> ce 1000 kHz with	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)" <i>Response Status</i> W T IN PRINCIPLE. d agreement. P108 Ciena <i>Comment Status</i> D	0611/stassar_3cw which should be '	/_01_200611.pdf, 'Average receive powe
There is no requirement it is not noted that a use which support the same suggestedRemedy Add sentence at end of (A 100GBASE-ZR PHY in DWDM system. Configu- the same channel freuer Proposed Response PROPOSED ACCEPT II It is proposed to modify 100GBASE-ZR PMD spi- system, supporting betw to "The 100GBASE-ZR PM a DWDM system, suppor least 100 GHz."	for a 100GBASE-ZR PHY tr r needs to configure a 100G channnel index numbers. paragraph - mplementation may support uration of a DWDM link with ney is necessary. <i>Response Status</i> W N PRINCIPLE. the last sentence of the thin ecification covers a maximutiven 1 and 48 channels."	BASE-ZR Tx w t 1 to 48 channe a 100GBASE-2 d paragraph (ur im of 48 channe aximum of 48 ch innels, with a ch of the third para of 100GBASE-Z	with a 100GBASE-ZR Rx, el frequencies over a ZR Tx and Rx to support nder Figure 154-3) "The els over a DWDM hannels over nannel spacing of at agraph of 154.6 ZR Tx, the associated	400GE Suggested Impler http://v excep [ampli Proposed PROP For TF C/ 154 Maniloff, E Comment 1000 F Suggested Replac	BASE-ZR draft s <i>Remedy</i> ment the change www.ieee802.org t "Average receiv fied] (min)" <i>Response</i> OSED ACCEPT - discussion and <u>SC 154.7.1</u> Eric <i>Type</i> E KHZ = 1 MHZ <i>IRemedy</i> ce 1000 kHz with	pecifications es as proposed in g/3/cw/public/tf_interim/20_(ve power [amplified] (max)" <i>Response Status</i> W T IN PRINCIPLE. Hagreement. <i>P</i> 108 Ciena <i>Comment Status</i> D h 1 MHz <i>Response Status</i> W	0611/stassar_3cw which should be '	/_01_200611.pdf, 'Average receive powe

C/ 154 SC 154.7.1

C/ 154 SC 154.7.1	P108	L 31	# 141	C/ 154	SC 154.7.1	P108	L 38	# 108
Dawe, Piers	Nvidia			Maniloff, E	ric	Ciena		
Comment Type T	Comment Status D			Comment 7	Гуре Т	Comment Status D		
An EVM limit is like 802.3c called K. It's a good thing slow signals are possible t	to have but with a 7-space that cause a large noise er	ed T-spaced equ	alizer, remarkably	necess		amplified and unamplified s input signal power and OSI		
investigated and bounded? Do you want to require all		hat work in practi	ce with reasonable	Suggested	Remedy			
transmitter speeds to carry				Remov	e footnote a enti	irely.		
compliant signals?				Proposed F	Response	Response Status W		
SuggestedRemedy					OSED ACCEPT			
Consider adding the equive power - TDECQ substitute	alent of a TDECQ limit in	the EVM method	. Consider an average	For Tas	sk Force discuss	sion		
		iu is very large.		C/ 154	SC 154.7.3	P109	L 44	# 109
PROPOSED REJECT.	Response Status W			Maniloff, E	ric	Ciena		
The commenter has not de The comment is speculativ Furthermore the remedy d way that it would improve i	ve and also written in the f loes not contain a specific	orm of a question proposal to mod	n to the Task Force.	Wavele wavele	en refers to the ength. I believe t ngth range. Also	Comment Status D Slope of the Chromatic Dis his parameter refers to the p, "Fiber dispersion" doesn't	minimum dispers	ion in the opersting
7 154 SC 154.7.1	P108	L 33	# 17	dispers				
ssenhuth, Tom	Huawei			Suggested	•	"N Aireirea		
	Comment Status D		Bucket	Change	e Description to	"Minimum chromatic disper	sion slope in ope	rating wavelength rang
Comment Type E			DUCKEL					
Comment Type E The placement of the "a" fo		:t	Bucker	Proposed F	•	Response Status W		
The placement of the "a" fo		ot	Δάσλοι	PROP	DSED ACCEPT	•		
	ootnote marker is incorrec		DUCKEI	PROP For TF	•	IN PRINCIPLE.		
The placement of the "a" for SuggestedRemedy Move the location of the for	ootnote marker is incorrect potnote marker to after (19 Response Status W PRINCIPLE. edy.	3.6).		PROP For TF	DSED ACCEPT discussion.	IN PRINCIPLE.		
The placement of the "a" for SuggestedRemedy Move the location of the for Proposed Response PROPOSED ACCEPT IN Implement proposed reme Also move location of (min "(S0)"	ootnote marker is incorrect potnote marker to after (19 Response Status W PRINCIPLE. edy.	3.6).		PROP For TF	DSED ACCEPT discussion.	IN PRINCIPLE.		
The placement of the "a" for SuggestedRemedy Move the location of the for Proposed Response PROPOSED ACCEPT IN Implement proposed reme Also move location of (min "(S0)"	ootnote marker is incorrect ootnote marker to after (19 Response Status W PRINCIPLE. edy. n) for "Fiber dispersion slop	3.6). pe (min) (S0)" in	Table 154-10 to after	PROP For TF	DSED ACCEPT discussion.	IN PRINCIPLE.		
The placement of the "a" for SuggestedRemedy Move the location of the for Proposed Response PROPOSED ACCEPT IN Implement proposed reme Also move location of (min "(S0)" Cl 154 SC 154.7.1 Maniloff, Eric	ootnote marker is incorrect ootnote marker to after (19 Response Status W PRINCIPLE. ady. n) for "Fiber dispersion slop P108 Ciena Comment Status D	3.6). pe (min) (S0)" in	Table 154-10 to after	PROP For TF	DSED ACCEPT discussion.	IN PRINCIPLE.		
The placement of the "a" for SuggestedRemedy Move the location of the for Proposed Response PROPOSED ACCEPT IN Implement proposed reme Also move location of (min "(S0)" Cl 154 SC 154.7.1 Maniloff, Eric Comment Type E	ootnote marker is incorrect potnote marker to after (19 Response Status W PRINCIPLE. dy. 1) for "Fiber dispersion slop P108 Ciena Comment Status D / .1nm	3.6). pe (min) (S0)" in	Table 154-10 to after # [107	PROP For TF	DSED ACCEPT discussion.	IN PRINCIPLE.		

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

C/ 154 SC 154.7.3 Page 26 of 29 7/16/2020 10:45:16 AM

CI 154 SC 154	4.8.16	P 112	L 46	# 140	C/ 154 SC 154.8.2	1 <i>P</i> 113	L18	# 99
Dawe, Piers		Nvidia			Lewis, David	Lumentum		
Comment Type T	TR	Comment Status D			Comment Type E	Comment Status D		Bucket
		oncept of receiver OSNR to			The font is in italics.			
		t optical PMD specificatior /ity" to avoid ambiguity and			SuggestedRemedy			
actually assure the	that a rece	iver complies. I don't see	why this PMD s	hould not need it too.	Change to the same	style as other sub-clauses.		
		ver sensitivity section can b re the rubber hits the road.		use it makes one clarify	Proposed Response	Response Status W		
SuggestedRemedy	5 - 115 WHO				PROPOSED ACCEP			
,	receiver se	ensitivity section, following	other clauses		See resolution to cor	iment #14		
Proposed Response		Response Status W			C/ 154 SC 154.8.2	1 P113	L18	# <u>1</u> 35
PROPOSED RE					Dawe, Piers	Nvidia		
		emonstrated that the curre	nt specification	is broken or incomplete	Comment Type E	Comment Status D		Bucket
and not demonst	strated that	adding a definition and sp	pecification of "s	tressed receiver	Is there a reason tha	this sentence is in italics?		
and not demonst	strated that		pecification of "s	tressed receiver	Is there a reason tha SuggestedRemedy	this sentence is in italics?		
and not demonst sensitivity" would Furthermore the	strated that d improve e remedy de	adding a definition and sp the quality of the draft. oes not contain a specific	proposal to moc		SuggestedRemedy	this sentence is in italics? ecessary; change to upright		
and not demonst sensitivity" would Furthermore the	strated that d improve e remedy de	adding a definition and sp the quality of the draft.	proposal to moc		SuggestedRemedy			
and not demonst sensitivity" would Furthermore the way that it would The commenter i	strated that d improve e remedy d d improve i	adding a definition and sp the quality of the draft. oes not contain a specific	proposal to moo provided. osal for stressed	dify the draft in such a d receiver sensitivity	SuggestedRemedy Update sentence if n	ecessary; change to upright <i>Response Status</i> W T IN PRINCIPLE.		
and not demonst sensitivity" would Furthermore the way that it would The commenter i with evidence the	strated that d improve remedy do d improve i is invited t nat adding s	adding a definition and sp the quality of the draft. oes not contain a specific to the basis of evidence to develop a detailed propo	proposal to moo provided. osal for stressed	dify the draft in such a d receiver sensitivity	SuggestedRemedy Update sentence if n Proposed Response PROPOSED ACCEF	ecessary; change to upright <i>Response Status</i> W T IN PRINCIPLE. ament #14	L18	# [14
and not demonst sensitivity" would Furthermore the way that it would The commenter i with evidence tha Cl 154 SC 154	strated that d improve remedy do d improve i is invited t nat adding s	adding a definition and sp the quality of the draft. oes not contain a specific it on the basis of evidence to develop a detailed propo such a requirement will im	proposal to moc provided. osal for stressec prove the quality	dify the draft in such a d receiver sensitivity y of the draft.	SuggestedRemedy Update sentence if n Proposed Response PROPOSED ACCEF See resolution to cor	ecessary; change to upright <i>Response Status</i> W T IN PRINCIPLE. ament #14	L18	# [<u>14</u>
and not demonst sensitivity" would Furthermore the way that it would The commenter i with evidence tha C/ 154 SC 154 Dawe, Piers	strated that d improve e remedy de d improve i is invited t nat adding s i4.8.16	adding a definition and sp the quality of the draft. oes not contain a specific it on the basis of evidence to develop a detailed proposic such a requirement will im P112	proposal to moc provided. osal for stressec prove the quality	dify the draft in such a d receiver sensitivity y of the draft.	SuggestedRemedy Update sentence if n Proposed Response PROPOSED ACCEF See resolution to cor Cl 154 SC 154.8.2	ecessary; change to upright <i>Response Status</i> W T IN PRINCIPLE. Imment #14 P113	L18	# 14 Bucket
and not demonst sensitivity" would Furthermore the way that it would The commenter i with evidence tha C/ 154 SC 154 Dawe, Piers	strated that d improve e remedy de d improve i is invited t nat adding s i4.8.16	adding a definition and sp the quality of the draft. oes not contain a specific it on the basis of evidence to develop a detailed proposition such a requirement will im <i>P</i> 112 Nvidia	proposal to moc provided. osal for stressec prove the quality	dify the draft in such a d receiver sensitivity y of the draft. # 136	SuggestedRemedy Update sentence if n Proposed Response PROPOSED ACCEF See resolution to cor C/ 154 SC 154.8.2 Laubach, Mark	ecessary; change to upright Response Status W T IN PRINCIPLE. Imment #14 1 P113 Self Comment Status D	L18	
and not demonst sensitivity" would Furthermore the way that it would The commenter i with evidence tha Cl 154 SC 154 Dawe, Piers Comment Type E this Clause	strated that d improve e remedy de d improve i is invited t nat adding s i4.8.16	adding a definition and sp the quality of the draft. oes not contain a specific it on the basis of evidence to develop a detailed proposition such a requirement will im <i>P</i> 112 Nvidia	proposal to moc provided. osal for stressec prove the quality	dify the draft in such a d receiver sensitivity y of the draft. # 136	SuggestedRemedy Update sentence if n Proposed Response PROPOSED ACCEF See resolution to cor C/ 154 SC 154.8.2 Laubach, Mark Comment Type E	ecessary; change to upright Response Status W T IN PRINCIPLE. Imment #14 1 P113 Self Comment Status D	L18	
and not demonst sensitivity" would Furthermore the way that it would The commenter i with evidence tha C/ 154 SC 154 Dawe, Piers Comment Type E	strated that d improve e remedy de d improve i is invited t nat adding s i4.8.16	adding a definition and sp the quality of the draft. oes not contain a specific it on the basis of evidence to develop a detailed proposition such a requirement will im <i>P</i> 112 Nvidia	proposal to moc provided. osal for stressec prove the quality	dify the draft in such a d receiver sensitivity y of the draft. # 136	SuggestedRemedy Update sentence if n Proposed Response PROPOSED ACCEF See resolution to cor Cl 154 SC 154.8.2 Laubach, Mark Comment Type E Text is mis-formatted	ecessary; change to upright Response Status W T IN PRINCIPLE. ment #14 1 P113 Self Comment Status D as italic.	L18	
and not demonst sensitivity" would Furthermore the way that it would The commenter i with evidence tha Cl 154 SC 154 Dawe, Piers Comment Type E this Clause SuggestedRemedy	strated that d improve e remedy d d improve i is invited t nat adding s i4.8.16 E	adding a definition and sp the quality of the draft. oes not contain a specific it on the basis of evidence to develop a detailed proposition such a requirement will im <i>P</i> 112 Nvidia	proposal to moc provided. osal for stressec prove the quality	dify the draft in such a d receiver sensitivity y of the draft. # 136	SuggestedRemedy Update sentence if n Proposed Response PROPOSED ACCEF See resolution to cor Cl 154 SC 154.8.2 Laubach, Mark Comment Type E Text is mis-formatted SuggestedRemedy	ecessary; change to upright Response Status W T IN PRINCIPLE. ment #14 1 P113 Self Comment Status D as italic.	L18	

C/ 154 SC 154.8.21

C/ 154 SC 154.9.1	P 113	L 25	# 78	C/ 154 SC 154.11.	4.3 <i>P</i> 118	L 6	# 16
Grow, Bob	RMG Consulti	ng		Issenhuth, Tom	Huawei		
Comment Type E This text differs from Pa	Comment Status D 802.3cr, 150.9.1.				Comment Status D to MDI optical specifications	for 100GBASE-2	Bucker ZR" but the entries are
SuggestedRemedy					2 lines of the previous table		
Replace sentence with	; "All equipment subject to this	clause shall c	onform to J.2."	SuggestedRemedy		D1 0	405
Proposed Response	Response Status W			-	clude the proposed values per	DI.2 comment	125.
	sentence does not improve the salso used in P802.3cu D2.2	e quality of the	draft.	Proposed Response PROPOSED ACCEP Implement remedy w			
C/ 154 SC 154.10	P 114	L 43	# 23	C/ 154 SC 154.11.	4.6 <i>P</i> 119	L1	# 128
Issenhuth, Tom	Huawei			Dawe, Piers	Nvidia		
Comment Type E IEC 61753-1-1 has bee 2018	Comment Status D en withdrawn and superseeded	d by IEC 61753	<i>Bucket</i> -1 Edition 2.0 August 1,	Comment Type E Blank Link	Comment Status D		Bucke
SuggestedRemedy Change to IEC 61753- Proposed Response PROPOSED ACCEPT.	Response Status W			black link Also, to match the re- requirements <i>Proposed Response</i> PROPOSED ACCEP	st of the document, Black Link Response Status W	< requirements s	hould be Black link
C/ 154 SC 154.11.4.	2 P117	L 26	# 55	Change "Black Link"			
Wienckowski, Natalie	General Motor	s		C/ 154 SC 154.11.	4.6 <i>P</i> 119	L8	# 24
Comment Type E	Comment Status D		Bucket	Issenhuth. Tom	Huawei		1
Wrong support options choices should be Yes SuggestedRemedy	for a Mandatory item for an o and N/A.	ptional feature.	In this case the	Comment Type E	Comment Status D een withdrawn and superseed	ed by IEC 61753	<i>Bucke</i> 3-1 Edition 2.0 August 1,
Change: No To: N/A Also P118L7				SuggestedRemedy Change to IEC 61753	i-1		
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Response PROPOSED ACCEP	Response Status W		

C/ 154 SC 154.11.4.6

C/ 154	SC 154.11.4	.6 P1	19	L 9	# 100
Lewis, Dav	/id	Lume	entum		
Comment	Туре Т	Comment Status	D		Bucket
	C2 references I -1: 2018.	EC 61753-1-1, which	has been	withdrawn an	d replaced by IEC
S <i>uggested</i> Chang	,	nce to IEC 61753-1.			
Proposed I	Response	Response Status	w		
	OSED ACCEPT solution to comr	IN PRINCIPLE. ment #24			

C/ 154 SC 154.11.4.6