C/ 45 SC 45.2	.1.186aa.1	P 36	L 35	# 1	CI 45	SC 45.2.1.	186ab.8	P38	L 33	# 4
Bruckman, Leon		Huawei			Bruckman,	Leon		Huawei		
Comment Type T	Comme	nt Status A		bucket	Comment 7	Гуре Т	Comme	ent Status A		bucket
The "IFEC bypass error indication fu				he bypass of the FEC 1.6.2.				y" bit when set to an be bypass.	a one one indica	tes that the bypass of
SuggestedRemedy					Suggestedl	Remedy				
Change: "When s					Change indicati		set to one to i	ndicate that the d	ecoder has this a	bility to bypass error
to: "When set to a Response	-	e Status C	le error indication			s bit is set to o on function."	ne to indicate	e that the decode	r has this ability to	bypass the error
ACCEPT.					Response		Respons	se Status C		
	.1.186aa.1	P 36	L 37	# 2	ACCEF	PT.				
Bruckman, Leon		Huawei			CI 45	SC 45.2.1.	186ah.2	P 41	L 40	# 5
Comment Type E	Comme	nt Status A		bucket	Bruckman,	Leon		Huawei		
Text not clear					Comment 7	Гуре Е	Comme	ent Status A		bucket
SuggestedRemedy				if the Inverse RS-FEC	Inconsi	stent bracketi	ng. In clause	153.2.4.1.1 the v	ariable is indicate	d as: fas_lock <x></x>
not have the abilit 152.5.2.3)."	y to bypass deco	oding error indicat		nverse RS-FEC does e PCS layer (see	Response	s 45.2.1.186ał PT IN PRINCII	Respons	se Status C		
Response ACCEPT.	Respons	e Status C				e "fas_lock[x]" s 45.2.1.186ai			5.2.1.186ah.1 to 4	5.2.1.186ah.9 and in
C/ 45 SC 45.2	.1.186aa.2	P 36	L 44	# 3	CI 45	SC 45.2.1.	186aj	P 45	L16	# 6
Bruckman, Leon		Huawei			Bruckman,	Leon		Huawei		
Comment Type E	Comme	nt Status A		bucket	Comment 7	Type TR	Comme	ent Status R		
Text not clear						lentification sh lent on the lar	•		k, so the value of	lane mapping is
SuggestedRemedy	- 41-i- 1-i4 i			Invente DO EEO de se	Suggestedl	Remedy				
not have the abilit	y to bypass corre	ection.",		Inverse RS-FEC does	depend	lent on these	bits instead o			e mapping register esented in contribution
to: "Writes to this have the ability to			zero if the Invers	e RS-FEC does not	bruckm Response	nan_3ct_01_0		se Status C		
Response	Respons	e Status C			, REJEC	T.				
ACCEPT.										
ACCEPT.					See res	sponse to com	iment 15.			
				T/technical E/editorial G/c		sponse to com	iment 15.			

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SORT ORDER: Comment ID

4/9/2020 10:17:56 AM

CI 80	SC 80.1.5	P 50	L10	# <u>7</u>	C/ 152	SC 152.6.4	P 75	L 8	# 9
Bruckman	, Leon	Huawei			Bruckman, L	eon	Huawei		
Comment	Туре Е	Comment Status A		bucket	Comment Ty	pe T	Comment Status A		
	e 80.1.4 indicates in Table 80-4b	that the clause 74 FEC is of	ptional for 100GI	BASE-Z, but it is not			cation ability" bit when set to on function can be bypass. So		
Suggestee	lRemedy				SuggestedR	emedy			
Add c	ause 74 to table	80-4b as optional.					e is set to one to indicate that	the decoder has	s the ability to bypass
Response		Response Status C			error ind	ication.",			
ACCE	PT IN PRINCIPL	E.				variable is se n function."	t to one to indicate that the d	ecoder has the a	ability to bypass error
		nt and will be removed from 8 add clause 74 to table 80-4b.	80.1.4, see resp	onse to comment 52,	Response		Response Status C		
50 110					ACCEP ⁻	IN PRINCIP	LE.		
C/ 152	SC 152.5.3.4	P 66	L 38	# 8			e is set to one to indicate that	the decoder has	s the ability to bypass
Bruckman	, Leon	Huawei			error ind	ication.,			
Comment	Туре Е	Comment Status R					t to one to indicate that the d	ecoder has the a	ability to bypass the
		e bit error ratio in the data rec			error ind	ication functio	n."		
		e BIP block error ratio by so w the same wording in other			C/ 152	SC 152.6.7	P 75	L 26	# 10
Suggester	-	and dame working in other	002.0 010000, 0	at it boundo offango.	Bruckman, L	eon	Huawei		
00		ratio in the data received fron	n the far-end PC	S can be estimated by	Comment Ty	pe E	Comment Status A		buc
		error ratio by a factor of 1 081		,	Missing	word			
to [.] "Th	e bit error ratio ir	the data received from the f	ar-end PCS can	be estimated by	SuggestedR	emedy			
		errors by a factor of 1 081 344		be commuted by	Change:	"This variable	e assigned by the FEC alignn	nent state diagra	am shown in Figure 91-
Response		Response Status C			(see 152	5.4.3).",			
REJE	CT.				to: "This	variable is as	signed by the FEC alignment	state diagram s	shown in Figure 91-9
		text to the final para of 91.5.2			(see 152			Ū	Ū
		sted remedy is technically wr d PCS, and the intervening t			Response		Response Status C		
restor	e the sequence of	f bits over which they are cal	culated in the ab	sence of errors. The	ACCEP	Γ.			
	ation converts a b	lock error ratio (the number							
	ivalent hit-error r	atio (the estimate of the num		over that equivalent					
an eq		atio (the estimate of the num simply divide a count of blocl							

C/ 153 SC 153.2.1	I P 82	L12	# <u>1</u> 1	C/ 153	SC 153.2.3.2.	4 P87	L 3	# 14
Bruckman, Leon	Huawei			Bruckman,	Leon	Huawei		
Comment Type T	Comment Status R			Comment T	ype E	Comment Status A		
fec_align_status is a	noisy indication			Text no	clear			
SuggestedRemedy				Suggested	Remedy			
	status" , with: "fecl_align_indica ed in contribution bruckman_3ct		sentence. Details of	Change	e: "so this numbe	er are transmitted",		
Response	Response Status C			to: "so f	his amount of o	ctets are transmitted"		
REJECT.				Response		Response Status C		
See response to con				Change	PT IN PRINCIPLI Change: "so th x80 octets are to	is number are transmitted",	to	
C/ 153 SC 153.2.3		L16	# 12	C/ 153	SC 153.2.3.3.	1 P88	L 41	# 15
Bruckman, Leon	Huawei			Bruckman,		Huawei		
Comment Type E	Comment Status A			Comment 7		Comment Status R		
	arrier signal payload rate is larg ASE-ZR of course, but it will be l				te lane identifica	tion from alignment, add refe	erence to the lar	e identification state
SuggestedRemedy				Suggested	Remedy			
	ce: "The Payload area of the S0 4080) × 99.5328 Gb/s ±20 ppm.				of remedy includ an_3ct_01_0320	ling propossed text for this c).	lause is present	ed in contribution
Response	Response Status C			Response		Response Status C		
ACCEPT.				REJEC	Т.			
C/ 153 SC 153.2.3	3.2.4 P85	L 50	# 13			complete with regard to SC-F		
Bruckman, Leon	Huawei					heless, there could be merit ane identification. Commente		
Comment Type E	Comment Status A		bucket		0	t proposal to be considered		
Text needs to be fixe	ed						-	
SuggestedRemedy	itios of the two clock rates do no	nt provide a case	where "					
to: "as the ratio of	the two clock rates does not pro	vide a case whe	re."					
Response ACCEPT.	Response Status C							

C/ 153	SC 153.2.3.3	.5 P89	L 34	# 16	C/ 153	SC ·	153.2.4.1.1	P 90	L12	# 18
Bruckman,	Leon	Huawei			Bruckman	, Leon		Huawe	ei	
Comment T	<i>уре</i> т	Comment Status A			Comment	Туре	TR	Comment Status	R	
support	t Cm values oth	ay be used to implement the er than 188 and 189, there	may be failure cas	ses in which the GMP				ed according to the s from the alignment p	tate diagrams proposs process.	ed for the lane
		es that are different from the this case ? Also what is exp			Suggested	Remed	'y			
DI=II=1 On the to hand	? other hand, the lle the situation,	re may be implementations but there may also be 100	based on OTN re GBASE-ZR target	ceivers that will be able ed reduced functionality	includ	ing prop		for these variables i	ne_id_detected <x>. De s presented in contribu</x>	
implem	entations that o	nly accept the values speci	fied in Table 153-	1.	Response			Response Status	С	
SuggestedF	Remedy				REJE	CT.				
		ence: "If a C13:C0 value oth napper behavior is undefine		9, or DI=1 and II=1 is	See re	esponse	to comme	nt 15.		
Response		Response Status C			C/ 153	SC '	153.2.4.1.1	P90	L 12	# 19
	PT IN PRINCIPL ent the propose				Bruckman	, Leon		Huawe	ei	
mpiom					Comment	Туре	TR	Comment Status	R	
there is	no standardize	ding this sentence, althoug d mapping of a client other that implements GMP map	than 100GBASE-	R directly into OPU4 via			are neede 3ct_01_03		pdate of the deskew s	tate diagram propossed
	ting the indicate		bing of a client into	OF 04 should only be	Suggested	Remed	'y			
<i>Cl</i> 153 Bruckman,	SC 153.2.3.3	5.6 <i>P</i> 89 Huawei	L 43	# 17	remed	ly includ		sed text for these va	ment_valid and fec_er ariables is presented in	able_deskew. Details of contribution
Comment T		Comment Status R			Response			Response Status	С	
		lication to the upper layer if	block lock is not a	chieved but according	REJE	CT.				
to claus		SIGNAL_OK parameter of t			See re	esponse	to comme	nt 15.		
SuggestedF	Remedy				C/ 153	SC ·	153.2.4.1.1	P90	L12	# 20
		0.2.2 rx_blobk_lock indication	_		Bruckman	, Leon		Huawe	ei	
	z. 1. Details of re ution bruckman	emedy including propossed 3ct 01 0320.	text for this clause	e is presented in	Comment	Туре	TR	Comment Status	R	
Response	-	Response Status C					e is needeo t_01_0320		Cindication state diagr	am propossed in
REJEC	1.				Suggested	Remed	'y			
See res	sponse to comm	nent 15.							on. Details of remedy i oruckman_3ct_01_032	ncluding propossed text 0.
					Response			Response Status	С	
					REJE	CT.				
					See re	esponse	to comme	nt 15.		
TYPE: TR/to COMMENT	echnical require STATUS: D/dis	ed ER/editorial required Gf spatched A/accepted R/re	R/general required jected RESPON	T/technical E/editorial G/ ISE STATUS: O/open W/w	general rritten C/closed	d Z/with	drawn		Comment ID 20	Page 4 of 24 4/9/2020 10:17:57 A

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

	1.1 <i>P</i> 90	L19	# <u>2</u> 1	C/ 153 S	C 153.2.4.1.	1 P 90	L 41	# 24
Bruckman, Leon	Huawei			Bruckman, Leo	n	Huawei		
comment Type TR	Comment Status R			Comment Type	TR	Comment Status R		
In the new state diagra fas_match.	am described in bruckman_3c	01_0320 there	is no need for			dated according to the state from the alignment process.		ssed for the lane
uggestedRemedy				SuggestedRem	ledy			
Remove fas_match				Details of r	emedy includ	ing propossed text for this va	ariable is presen	ted in contribution
esponse	Response Status C			bruckman_	3ct_01_0320).		
, REJECT.				Response		Response Status C		
				REJECT.				
See response to comm	nent 15.			See respor	ise to comme	ent 15		
153 SC 153.2.4.1	1.1 <i>P</i> 90	L 22	# 22	· · ·				
uckman. Leon	Huawei			C/ 153 S	C 153.2.4.2	P 91	L15	# 25
omment Type TR	Comment Status R			Bruckman, Leo	n	Huawei		
	updated according to the state	e diagrams propo	ssed for the lane	Comment Type	TR	Comment Status R		
identification separatio	on from the alignment process.				state diagram PARE functic	n described in bruckman_3ct on.	t_01_0320 there	is no need for the
uggestedRemedy	uding proposed toxt for this v	ariable is presen	tod in contribution	SuggestedRem	iedv			
bruckman_3ct_01_032	uding propossed text for this va 20.	anable is present			-	PARE function		
esponse	Response Status C			Response		Response Status C		
REJECT.				REJECT.				
See response to comm	ment 15.			See respor	ise to comme	ent 15.		
		L 29	# 23	C/ 153 S	C 153.2.4.3	P 91	L 27	# 26
153 SC 153.2.4.1	1.1 P 90							
	1.1 290 Huawei			Bruckman, Leo	n	Huawei		
uckman, Leon				Bruckman, Leo <i>Comment Type</i>		Huawei Comment Status R		
ruckman, Leon omment Type TR current_fecl needs to b	Huawei			Comment Type A new cour	TR			
ruckman, Leon omment Type TR current_fecl needs to b	Huawei <i>Comment Status</i> R be updated according to the st			Comment Type A new cour	TR nter is needed 3ct_01_0320	Comment Status R d for the alignmnet loss state		
ruckman, Leon omment Type TR current_fecl needs to b identification separation uggestedRemedy	Huawei Comment Status R be updated according to the st on from the alignment process. uding propossed text for this va		ppossed for the lane	Comment Type A new cour bruckman_ SuggestedRem Add the foll	TR ter is needed 3ct_01_0320 hedy lowing counter	Comment Status R d for the alignmnet loss state	ring loss of aligr remedy includin	nment
Cuckman, Leon Comment Type TR current_fecl needs to be identification separation cuggestedRemedy Details of remedy inclu- bruckman_3ct_01_032	Huawei Comment Status R be updated according to the st on from the alignment process. uding propossed text for this va 20.		ppossed for the lane	Comment Type A new cour bruckman_ SuggestedRem Add the foll this counte	TR ter is needed 3ct_01_0320 hedy lowing counter	Comment Status R d for the alignmnet loss state to keep the FAS position du er: fas_in_counter. Details of d in contribution bruckman_3	ring loss of aligr remedy includin	nment
ruckman, Leon omment Type TR current_fecl needs to b identification separation uggestedRemedy Details of remedy inclu	Huawei Comment Status R be updated according to the st on from the alignment process. uding propossed text for this va		ppossed for the lane	Comment Type A new cour bruckman_ SuggestedRem Add the foll	TR ter is needed 3ct_01_0320 hedy lowing counter	Comment Status R d for the alignmnet loss state to keep the FAS position du er: fas_in_counter. Details of	ring loss of aligr remedy includin	nment

53 SC 153.2.4.3 P91 L27 # 27	C/ 153 SC 153.2.4.4 P91 L35 # 29	
kman, Leon Huawei	Bruckman, Leon Huawei	
nment Type TR Comment Status R	Comment Type TR Comment Status R	
New counters are needed for the lane identification state diagram propossed in bruckman_3ct_01_0320.	The SIGNAL_OK parameter of the FEC:IS_SIGNAL.indication primitive is driven I fec_align_status.	
gestedRemedy	fec_align_status is false if any lane looses alignment, but this happens frequently pre-FEC high BER. According to the text in this case receiver may be impaired fre	
Add the following counters: fecl_ok_count and fecl_bad_count. Details of remedy incl propossed text for these counters is presented in contribution bruckman_3ct_01_032	ng SuggestedRemedy	·
ponse Response Status C	Add a stability state diagram for the fec_align_status variable. Details of remedy in the state diagram are presented in contribution bruckman_3ct_01_0320	includin
REJECT.	Response Response Status C	
See response to comment 15.	REJECT.	
53 SC 153.2.4.3 P91 L27 # 28	See response to comment 15.	
skman, Leon Huawei	C/ 153 SC 153.2.4.4 P92 L47 # 30	
nment Type TR Comment Status R	Bruckman, Leon Huawei	
New counters are needed for the SIGNAL OK state diagram propossed in bruckman_3ct_01_0320.	Comment Type TR Comment Status R	
gestedRemedy	New state diagrams are needed to separate the lane identification from the alignm	ment
Add the following counters: align ok count and align bad count. Details of remedy	process.	
including propossed text for these counters is presented in contribution	SuggestedRemedy	
bruckman_3ct_01_0320.	New state diagrams are presented in contrbution bruckman_3ct_01_0320	
ponse Response Status C	Response Response Status C	
REJECT.	REJECT.	
See response to comment 15.	See response to comment 15.	
	C/ 153 SC 153.2.4.4 P93 L3 # 31	
	Bruckman, Leon Huawei	
	Comment Type TR Comment Status A Several issues with the SC-FEC deskew state diagram: fasalign_status and all_fa are not defined, fec_enable_deskew is always false.	as_valio
	SuggestedRemedy	
	A updated SC-FEC deskew state diagram is presented in contrbution bruckman_3ct_01_0321	
	Response Response Status C	
	ACCEPT IN PRINCIPLE.	
	In Figure 153-8, change fasalign_status to all_locked, and change all_fas_valid to fec_alignment_valid (4 occurrences).	0

t ID 31

/ 153	SC 1	53.2.4.4	P 93	L 3	# 32	C/ 153	SC	\$ 153.2.5.3		P 94	L1	# <u>3</u> 4
ruckman,	Leon		Huawei			Bruckm	an, Leon			Huawei		
omment 7	Гуре	TR	Comment Status A			Comme		TR	Comment S			
fec_ena	able_de	skew is n	ot defined								ire needed for the	lane identification
uggestedl	Remedy	/						-	nment process	S.		
			ew as follows: "A Bool						fination status	1 and 2 radio	toro oc dotailad i	n contribution
			gnment start shall be ew is enabled and set					ct_01_0320		r and z regis	ters, as detailed i	n contribution
The de	finition i	s similar	o the fec enable des	kew variable definit	ion in 915421 v	without	se		Response S	tatus C		
allowing	g bits to	be disca	rded during the deskev	w process to avoid	communication	RE	ECT.					
impairn <i>esponse</i>	nent du	ring the fr	equent synchronization Response Status C		e-FEC BER).	See	respons	se to comm	ent 15.			
ACCEF		RINCIPLE	, E.			C/ 153	SC	153.2.5.3		P 94	L 8	# 35
			ew as follows: "A bool process. Data may be				an, Leon			Huawei		
			abled. False when des			Comme	nt Type	TR	Comment S	Status R		
		3 in the st _deskew∘	ate LOSS_OF_ALIGN	MENT, change "feo	_enable_deskew<	<=false" SC	FEC alig	n status sh	all be driven b	y the stable f	ec alignment indi	cation
to lec_		_ueskew				Sugges	edReme	edy				
153 uckman,		53.2.5.2	P 93 Huawei	L 39	# 33				us with the new im, see bruckr			(used in the SIGNAL
omment 7		Е	Comment Status A			bucket Respon	se		Response S	tatus C		
Text no		-					ECT.					
uggestedl	Remedy	/				See	respons	se to comm	ent 15.			
Change	e: "An u	ncorrecte	d FEC codeword is a d	codeword contains	errors",	C/ 153	SC	153.2.5		P 94	L 10	# 36
to: "An	uncorre	ected FEC	codeword is a codew	ord that contains e	rors"	Bruckm	an, Leon			Huawei		
esponse			Response Status C			Comme	nt Type	TR	Comment S	Status R		
ACCEF	PT.					Lar	e identifi	cation shall	be separated	from lane loc	k, add the lane id	lentification status.
						Sugges	edReme	edy				
									on row to Tabl n bruckman_3		the second row.	Details of remedy are
						Respon	se		 Response S	tatus C		
						RE	ECT.					
						See	respons	se to comm	ent 15.			

	C 153.3.1	P 94	L 48	# <u>3</u> 7	C/ 154	SC 154.5.2	P 104	L 41	# 39
Bruckman, Leoi	n	Huawei			Bruckman	Leon	Huawei		
Comment Type	E Col	mment Status A			Comment	Туре Е	Comment Status D		
		0 parallel bit streams reams from the PMA s		E-ZR PMA sublayer, it		ot clear			
SuggestedRem	•		5		Suggested	,			
After the er	nd of sentence: "S(C-FEC continuously se y sends 20 parallel bit			reques PMD:I	sted by the PMD S_UNITDATA_1	ansmit function shall conver service interface messages .request into two DQPSK o	PMD:IS_UNITD	ATA_0.request to
Response	Res	ponse Status C			and de	elivered to the M	DI,",		
Add to the e sends 20 p	arallel bit streams	oh "Likewise the 100G to the SC-FEC sublay) ppm (~5.59049868 C	er, each at a nom		by the PMD:I	PMD service int	t function shall convert the t erface messages PMD:IS_U .request into two DQPSK o MDI,"	JNITDATA_0.req	uest to
C/ 153 S	C 153.3.2.2.2	P 95	L 50	# 38	Proposed	Response	Response Status W		
Bruckman. Leoi	n	Huawei				OSED ACCEPT			
Comment Type	E Co	mment Status A		bucket	See re	solution to comr	nent #67		
Text not cle					C/ 154	SC 154.7.1	P 109	L 49	# 40
21	ear			<i>Subio</i> t	C/ 154 Bruckman		Р 109 Нuawei	L 49	# 40
Text not cle S <i>uggestedRem</i> Change: "T	edy	two lanes of the four-	lane interface is ι		Bruckman Comment	Leon Type E		L 49	# <mark>40</mark>
Text not cle SuggestedRem Change: "T stream of D	ear edy he selection of the 0QPSK symbols is	two lanes of the four-		used to form each	Bruckman Comment	Leon <i>Type</i> E num channel spa	Huawei Comment Status A	L 49	# 40
Text not cle SuggestedRem Change: "T stream of D to: "The sel	ear edy he selection of the 0QPSK symbols is	two lanes of the four- arbitrary",		used to form each	Bruckman Comment "Minim Suggested "Minim	Leon Type E num channel spa IRemedy num channel spa	Huawei Comment Status A cing" is not defined. cing" is defined in ITU-T G.	671 clause 3.2.3.	17 as: "The centre-to-
Text not cle SuggestedRem Change: "T stream of D to: "The sel	ear edy he selection of the DQPSK symbols is ection of the two la mbols is arbitrary"	two lanes of the four- arbitrary",		used to form each	Bruckman Comment "Minin Suggested "Minin centre DWDM	Leon Type E num channel spa <i>IRemedy</i> num channel spa difference in fre <i>I</i> channel spacir	Huawei <i>Comment Status</i> A cing" is not defined.	671 clause 3.2.3. een adjacent char und in [ITU-T G.6	17 as: "The centre-to- nnels in a WDM device
Text not cle SuggestedRem Change: "T stream of D to: "The sel DQPSK syr Response	ear edy he selection of the DQPSK symbols is ection of the two la mbols is arbitrary"	two lanes of the four- arbitrary", anes of the four-lane ir		used to form each	Bruckman Comment "Minim Suggested "Minim centre DWDN spacir So in d	Leon <i>Type</i> E hum channel spa <i>IRemedy</i> hum channel spa difference in fre <i>A</i> channel spacir gs are based on clause 154.8 it ca	Huawei <i>Comment Status</i> A acing" is not defined. acing" is defined in ITU-T G. quency or wavelength betwo ags are based on the grid for	671 clause 3.2.3. een adjacent char und in [ITU-T G.6 594.2].". num channel spa	17 as: "The centre-to- nnels in a WDM devic 94.1]. CWDM channe cing, as defined in

ACCEPT IN PRINCIPLE. See resolution to comment #84

CI 80	SC 80.1.5	P 50	L 3	# 41	C/ 80	SC 80.1	P 49	L12	# 44
rowbridge	e, Steve	Nokia			Maguire, Va	alerie	The Siemon	Company	
Comment [·] Editor's	<i>Type</i> ER s note is incorrect	Comment Status A		bucket	Comment 7 Missing	<i>Type</i> E g oxford comma.	Comment Status A		buck
		–4 after Table 80-4a as follo	ows:" to "Insert T	able80–4b after Table		e, "100GBASE-L	R1 and in Clause154: with, e change mark to include th		1, and in Clause154"
Response ACCE	PT IN PRINCIPLE	Response Status C E.			Response ACCEF	РТ.	Response Status C		
	e "Insert Table 80 as follows:"	0–4 after Table 80–4a as fol	lows: "Insert Tab	le 80–4b after Table	C/ 80 Maguire, Va	SC 80.5	P 55 The Siemon	L1	# 45
C/ 80	SC 80.2.4	P51	L5	# 42	Comment T		Comment Status A	Company	buck
Frowbridge	e, Steve	Nokia	20	11 TL		st that "skew vari	ation needs to be revisited,	input requested'	
	Type E	Comment Status A		. bucket	Suggested				
I he fir	st sentence is wro	ong given the additions in th	e rest of the para	agraph.		-	needs to be revisited, input	t requested" as a	an Editor's Note
					Format				
00							· ·		
Chang Clause type of a) Clau	e the entire parage 83 specifies 400 f the correspondir use 94 specifies a	GBASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl	only applicable only applicable only applicable on the second sec	to specific PHY types: E-KP4 PHY.	Response ACCEF	PT IN PRINCIPLI	Response Status C E.		
Chang Clause type of a) Clau b) Clau	e the entire parage 83 specifies 400 the correspondir use 94 specifies a use 135 specifies	GBASE-R and 100GBASE-R	only applicable y in a 100GBAS other 100GBAS	to specific PHY types: E-KP4 PHY. E-P PHY types.	Response ACCEF	PT IN PRINCIPLI	Response Status C E.	L9	
Chang Clause type of a) Clau b) Clau c) Clau	e the entire parage 83 specifies 400 the correspondir use 94 specifies a use 135 specifies	GBASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 1	only applicable y in a 100GBAS other 100GBAS	to specific PHY types: E-KP4 PHY. E-P PHY types.	Response ACCEF See res Cl 154	PT IN PRINCIPLI sponse to comm SC 154.5.4	Response Status C E. ent 58. P106	L9	# <u>46</u>
Chang Clause type of a) Clau b) Clau c) Clau Response	e the entire parage 83 specifies 400 the correspondir use 94 specifies a use 135 specifies	BASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 10 <i>Response Status</i> C	only applicable y in a 100GBAS other 100GBAS	to specific PHY types: E-KP4 PHY. E-P PHY types.	Response ACCEF See res C/ 154 Maguire, Va	PT IN PRINCIPLI sponse to comm SC 154.5.4 alerie	Response Status C E. ent 58.	L9	
Chang Clause type of a) Clau b) Clau c) Clau Response ACCE	e the entire parage 83 specifies 400 f the correspondir use 94 specifies a use 135 specifies use 153 specifies PT IN PRINCIPLE	BASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 10 <i>Response Status</i> C	only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR P	to specific PHY types: E-KP4 PHY. E-P PHY types. HY.	Response ACCEF See res C/ 154 Maguire, Va Comment T	PT IN PRINCIPLI sponse to comm SC 154.5.4 alerie <i>Type</i> E	Response Status C E. ent 58. P106 The Siemon	L 9 Company	# 4 <u>6</u> Buck
Chang Clause type of a) Clau b) Clau c) Clau Response ACCEI	e the entire parage 83 specifies 400 f the correspondir use 94 specifies a use 135 specifies use 153 specifies PT IN PRINCIPLE	GBASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 10 <i>Response Status</i> C E.	only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR P	to specific PHY types: E-KP4 PHY. E-P PHY types. HY.	Response ACCEF See res Cl 154 Maguire, Va Comment 7 Should Suggested	PT IN PRINCIPLI sponse to comm SC 154.5.4 alerie Type E "(compliant 100 Remedy	Response Status C E. ent 58. P106 The Siemon Comment Status D	L 9 Company e line as "AND"?	# 4 <u>6</u> Buck
Chang Clause type of a) Clau b) Clau c) Clau Response ACCEI Implen	e the entire parage a 83 specifies 400 the correspondir use 94 specifies a use 135 specifies use 153 specifies PT IN PRINCIPLE ment the suggester SC 152.7	GBASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 10 <i>Response Status</i> C E. ed remedy with editoral licen	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR Pl se to ensure pro	to specific PHY types: E-KP4 PHY. E-P PHY types. HY. pper formatting.	Response ACCEF See res Cl 154 Maguire, Va Comment 7 Should Suggested	PT IN PRINCIPLI sponse to comm SC 154.5.4 alerie <i>Type</i> E "(compliant 100 Remedy e extraneous car	Response Status C E. ent 58. P106 The Siemon Comment Status D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Buck
Chang Clause type of a) Clau b) Clau c) Clau Response ACCEI Implen C/ 152	e the entire parage e 33 specifies 400 the correspondir use 94 specifies a use 135 specifies use 153 specifies PT IN PRINCIPLE nent the suggeste SC 152.7 e, Steve	GBASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 10 <i>Response Status</i> C E. ed remedy with editoral licen	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR Pl se to ensure pro	to specific PHY types: E-KP4 PHY. E-P PHY types. HY. pper formatting.	Response ACCEF See res Cl 154 Maguire, Va Comment 7 Should Suggestedh Remov	PT IN PRINCIPLI sponse to comm SC 154.5.4 alerie <i>Type</i> E "(compliant 100 Remedy e extraneous car	Response Status C E. ent 58. P106 The Siemon Comment Status D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Buck
Chang Clause type of a) Clau b) Clau c) Clau Response ACCEI Implen C/ 152 Frowbridge Comment	e the entire parage e 33 specifies 400 the correspondir use 94 specifies a use 135 specifies use 153 specifies PT IN PRINCIPLE nent the suggester SC 152.7 e, Steve Type ER	GBASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 10 <i>Response Status</i> C E. ed remedy with editoral licen <i>P</i> 77 Nokia	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR Pl se to ensure pro	to specific PHY types: E-KP4 PHY. E-P PHY types. HY. pper formatting. # 43	Response ACCEF See res Cl 154 Maguire, Va Comment 7 Should Suggestedh Remov	PT IN PRINCIPLI sponse to comm SC 154.5.4 alerie <i>Type</i> E "(compliant 100 Remedy e extraneous car Response	Response Status C E. ent 58. P106 The Siemon Comment Status D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Buck
Chang Clause type of a) Clau b) Clau c) Clau Response ACCEI Implen C/ 152 Trowbridge Comment	e the entire parage 83 specifies 400 the correspondir use 94 specifies a use 135 specifies PT IN PRINCIPLE nent the suggeste SC 152.7 e, Steve Type ER o replace vestigia number.	BASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 10 <i>Response Status</i> C E. ed remedy with editoral licen <i>P</i> 77 Nokia <i>Comment Status</i> A	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR Pl se to ensure pro	to specific PHY types: E-KP4 PHY. E-P PHY types. HY. pper formatting. # 43	Response ACCEF See res Cl 154 Maguire, Va Comment 7 Should Suggestedh Remov	PT IN PRINCIPLI sponse to comm SC 154.5.4 alerie <i>Type</i> E "(compliant 100 Remedy e extraneous car Response	Response Status C E. ent 58. P106 The Siemon Comment Status D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Buck
Chang Clause type of a) Clau b) Clau c) Clau Response ACCEI Implen Cl 152 Trowbridge Comment Cl uguested Clause Comment	e the entire parage 83 specifies 400 the correspondir use 94 specifies a use 135 specifies use 153 specifies PT IN PRINCIPLE nent the suggeste SC 152.7 e, Steve Type ER to replace vestigia number. Remedy	BASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 10 <i>Response Status</i> C E. ed remedy with editoral licen <i>P</i> 77 Nokia <i>Comment Status</i> A	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR Pl se to ensure pro <i>L</i> 2 meMaker templa	to specific PHY types: E-KP4 PHY. E-P PHY types. HY. pper formatting. # 43	Response ACCEF See res Cl 154 Maguire, Va Comment 7 Should Suggestedh Remov	PT IN PRINCIPLI sponse to comm SC 154.5.4 alerie <i>Type</i> E "(compliant 100 Remedy e extraneous car Response	Response Status C E. ent 58. P106 The Siemon Comment Status D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Buck
Clause type of a) Clau b) Clau c) Clau Response ACCEI Implen Cl 152 Trowbridge Comment Clause Suggested Chang	e the entire parage 83 specifies 400 the correspondir use 94 specifies a use 135 specifies PT IN PRINCIPLE nent the suggeste SC 152.7 a, Steve Type ER to replace vestigia number. //Remedy e "Clause 200" to	GBASE-R and 100GBASE-R ng rate. Additional PMAs are a PMA that may be used onl a PMA that may be used in a PMA that is used in the 10 <i>Response Status</i> C E. ed remedy with editoral licen P77 Nokia <i>Comment Status</i> A al "Clause 200" from the Fra	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR Pl se to ensure pro <i>L</i> 2 meMaker templa	to specific PHY types: E-KP4 PHY. E-P PHY types. HY. pper formatting. # 43	Response ACCEF See res Cl 154 Maguire, Va Comment 7 Should Suggestedh Remov	PT IN PRINCIPLI sponse to comm SC 154.5.4 alerie <i>Type</i> E "(compliant 100 Remedy e extraneous car Response	Response Status C E. ent 58. P106 The Siemon Comment Status D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Buck

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

Cl 45	SC 45.2.1	P 24	L 8	# 47		CI 80	SC 80.1.3	P 49	L16	# <u>5</u> 1
Maguire, V	/alerie	The Siemon (Company			Brown, Ma	itt	Huawei	Technologies Cana	da
Comment 802.30	<i>Type</i> E cg has published.	Comment Status A			bucket	<i>Comment</i> this is	51	Comment Status	-	bucke
S <i>uggested</i> Repla		' with, "802.3cg-2019"					e instruction to	n "Replace figure 80-1 wit nd make the necessary c		
Response ACCE		Response Status C				Alterna	ately, change ir	nstruction to the following ge the list of medium typ	:	
CI 45	SC 45.2.1.186	P 36	L 9	# 48		"100G	BASE-R, or 10	0GBASE-P, or 100GBAS	SE-Z. " with proper s	trike-out and underline
Maguire, V	/alerie	The Siemon (Company			Response		Response Status	;	
Comment 802 30	<i>Type</i> E cg has published.	Comment Status A			bucket		PT IN PRINCIP			
Suggested							CGMII as follo	and replace with "In Figu ws:	are 80-1, change the	e list of medium types
Repla	ce, "802.3cg-20xx'	' with, "802.3cg-2019"				"100G	BASE-R, or 10	0GBASE-P, or 100GBAS	SE-Z." with proper s	trike-out and underline.
Response ACCE		Response Status C				C/ 80	SC 80.1.4	P 49	L 25	# 52
ACCL						Brown, Ma	ıtt	Huawei	Technologies Cana	da
CI 125	SC FM	P 1	L 26	# 49		Comment	Туре Т	Comment Status	۰ ۱	bucke
Brown, Ma	att	Huawei Techi	nologies Canada					s not relevant and for Cla		
Comment		Comment Status A			bucket		•	ne of many subfunctions	withing the Clause	91 FEC.
spellin	•					Suggesteo Chang	•			
Suggested Chang	dRemedy ge "EEE" to "IEEE'	,					100GBASE-Z	Physical Layer devices	also use the FEC of	Clause 91 or the FEC of
Response ACCE		Response Status C				Response ACCE		Response Status C	;	
C/ 1	SC 1.4	P 22	L 27	# 50		C/ 80	SC 80.2.2	P 50	L 34	# 53
Brown, Ma			nologies Canada			Brown, Ma	itt	Huawei	Technologies Cana	da
Comment	<i>Type</i> E ne defintion	Comment Status A			bucket	Comment 100GE	51	Comment Status A e added to the list of PH	-	bucke
only o						Suggestea	Pomody			
Suggested	dRemedy ge "definitions" to "	definition"				00		the list of PHY types.		

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

C/ 80	SC 80.2.4	P 51	L 6	# 54		C/ 80	SC 80.4		P 52	L 50	# 57
Brown, Ma	tt	Huawei Techr	nologies Canada			Brown, Ma	att		Huawei Tec	hnologies Canada	
Comment There	51	Comment Status A marked in the paragraph.			bucket	<i>Comment</i> No ne	51		omment Status A shown rows. It is suffi	cient to refer to "u	<i>buck</i> nchanged" rows.
Suggested Underl	<i>IRemedy</i> line the last sente	ence.				Suggester Chang		ed 40G rov	ws" to "some unchang	ed rows".	
Response ACCE	PT IN PRINCIPL	Response Status C E.				You n FEC.	night then re	duce the ta	able size by deleting re	ows for MAC, PCS	, and 100GBASE-R
See re	sponse to comm	ent 42.				Response ACCE	PT IN PRIN		sponse Status C		
C/ 80 Brown, Ma	SC 80.3.2 tt	P 51 Huawei Techr	L 30 nologies Canada	# 55		Chang table.	ge wording t	o "unchang	jed rows not shown" a	nd remove uncha	nged rows from the
<i>Comment</i> Fix am	<i>Type</i> E lendment markup	Comment Status A			bucket	CI 80	SC 80.5		P 55	L1	# 58
S <i>uggested</i> Space		4" should be undelined.				Brown, Ma Comment	Туре Е		Huawei Tec Comment Status A	hnologies Canada	buck
Response ACCE	PT.	Response Status C				Suggeste			nserting editor's note	bot and include "E	ditor'o poto:"
C/ 80	SC 80.3.2	P52	L1	# 56		Response			sponse Status C		
Brown, Ma			ologies Canada		h	ACCE	PT.				
Comment [·] Underl	<i>Type</i> E lined text is not re	Comment Status A			bucket	C/ 152	SC 152.	1.1	P 58	L11	# 59
Suggested	IRemedy					Brown, Ma	att		Huawei Tec	hnologies Canada	
00	ve underline on "I	Figure 80-4a".				Comment	Туре Т	С	omment Status A		
Response ACCE	PT.	Response Status C				100G		/ and migh	d in this project for su It be used for 100GBA		E-ZR which is a ell. It could be used for
						"The I FEC)	ge sentence nverse RS-I sublayer for	EC sublay	ver specifies a Reed-S 2, and 100GBASE-Z F		Error Correction (RS-
						Response ACCE	•		sponse Status C		

C/ 152 SC 152.1 P59 L33 # 60 C/ 153 SC 153.2.1 P82 L16 # 63 Huawei Technologies Canada Huawei Technologies Canada Brown, Matt Brown, Matt Comment Type E Comment Status A bucket Comment Type T Comment Status D bucket The definition for Inverse RS-FEC is in the wrong location in the list. The text in this parapraph does not match the architecture. There are three cases to consider as follows. SuggestedRemedv Case #1: SC-FEC connects directly to the PCS. Move definition for Inverse RS-FEC to between definitions for FEC and LLC. Case #2: SC-FEC connects directly to the Inverse RS-FEC, RS-FEC, Clause 135 PMA, etc. Case #3: SC-FEC is connected to a Clause 83 PMA then through a CAUI-4 or CAUI-10 to Response Response Status C the PCS. ACCEPT. This paragraph should address both Case #2 and #3. SC 152.1 P59 C/ 152 / 34 # 61 SuggestedRemedy Brown, Matt Huawei Technologies Canada Replace the paragraph with the following: "The PCS may be connected to the SC-FEC using a physical instantiation of the PMA Comment Type E Comment Status A service interface (see Annex 83A, Annex 83B, Annex 83D, and Annex 83E) in which case a The 100G PMA defined in Clause 135 is called the 100GBASE-P PMA. PMA (see Clause 83) is a client of the FEC service interface." "The PCS may be connected to the SC-FEC using a physical instantiation of the PMA SuggestedRemedy service interface (see Annex 135E and Annex 135G) in which case an Inverse RS-FEC Remove the note from the definition list and in the layer diagram for the associated PMA (see Clause 152) is a client of the FEC service interface." sublayers replace "PMA" with "100GBASE-P PMA". Proposed Response Response Status Z Response Response Status C REJECT. ACCEPT. This comment was WITHDRAWN by the commenter. C/ 153 SC 153.1.1 P81 L81 # 62 Brown. Matt Huawei Technologies Canada C/ 153 SC 153.2.3.2.7 P88 / 37 # 64 Comment Type E Comment Status A Brown, Matt Huawei Technologies Canada "staircase" should not be capitalized. Comment Type T Comment Status D There is no specification for the FEC lane skew or PMA lane Skew Variation for the SC-SuggestedRemedy FEC transmit output. It would be reasonable to use the same numbers used for the RS-Change "Staircase" to "staircase". FEC receive function (see Table 80-6 and Table 80-7). Response Response Status C SugaestedRemedv ACCEPT. Add the following sentence at the end of 153.2.3.2.7. "At the output of the FEC transmit function the Skew between FEC lanes shall be no more than 49 ns and the Skew Variation between PMA lanes shall be no more than 0.4 ns." Proposed Response Response Status Z REJECT

IEEE P802.3ct D1.2 100 Gb/s over DWDM systems 3rd Task Force review comments

This comment was WITHDRAWN by the commenter.

C/ 153	SC 153.2.3.3	.1 P88	L 46	# 65	C/ 154	SC 154.5.2	P 104	L 44	# <u>6</u> 7
Brown, Ma	tt	Huawei Tec	hnologies Canada	a	Brown, Ma	tt	Huawei Techi	nologies Canada	1
of Ske	upport" of Skew w and Skew Vari	Comment Status A and Skew Variation is amb ation. Also, the numbers a	re still TBD; it wou	Ild be reasonable to use	tx_sym	ange made in [bol parameter.	Comment Status D 01.2 is incorrect. It is a stream Although tx_symbol is earlier		
S <i>uggested</i> Chang ns betv	<i>Remedy</i> e the sentence to ween FEC	d for the RS-FEC receive fr p: "The FEC receive function Skew Variation of 4 ns betw <i>Response Status</i> C	on shall tolerate a	maximum Skew of 180	Suggested Chang "The P the PM interfac	Remedy e 154.5.2. to the MD Transmit fu ID service ce messages P	nction shall convert the two D	(tx_symbol) and	treams requested by
ACCEI	SC 153.3.2	, Р 96	L 0 hnologies Canada	# 66	optical transm specifi The PI	signals on orth it optical cations in this c MD maps symb	1.request(tx_symbol) into two ogonal polarizations and deliv lause. ols from each tx_symbol para s as specified in Table 154-4.	ered to the MDI,	Ū
end to	olerance and ge end skew. Norm er, the stack for	Comment Status D neration are not specified fr ally, for new 100GBASE PI 100GBASE-ZR is a bit diffe	or the PMA, but a HYs we would sim	re essential budgeting pply refer back to 80.5,	Proposed I PROP Chang reques PMD:I	Response OSED ACCEPT e to "The PMD sted by the PME S_UNITDATA_(Response Status W IN PRINCIPLE. Transmit function shall conve service interface messages D.request(tx_symbol) and MD al signals on orthogonal polari	:IS_UNITDATA_	_1.request(tx_symbol)
Define	skew points in a ed with backgrou Response	similar way as for 100GBA nd and proposals. <i>Response Status</i> Z	ASE-R/P in 80.5. /	A presentation will be	accord The Pl	ing to the trans MD maps symb	mit optical specifications in thi ols from each tx_symbol para s as specified in Table 154-4.'	is clause. meter to phase o	

	D.445	1.00	"				" [
C/ 154 SC 154.5.3	P105	L39	# 68	C/ 83C SC 83C		L 8	# <u>7</u> 0
Brown, Matt		nologies Canada		Brown, Matt		chnologies Canada	
Comment Type T	Comment Status D			Comment Type E			bucket
	2 is incorrect. It is a stream though rx symbol is earlier			Editing instruction	n should refer to the inserted sub	oclause.	
	hat mysterious. The list of p			SuggestedRemedy			
"and" not "to".				Change to "Inser	t new subclause 83C.4 at the en	d of Annex 83C as	s follows:"
SuggestedRemedy				Response	Response Status C		
Change the text in 154.5		- 14 41 1 - 1		ACCEPT.			
MDI into two	on shall convert the compo	site optical signal i	received from the	C/ 135A SC 135	5A P122	L1	# 71
DQPSK symbol streams	for delivery to the PMD ser	vice interface usin	ig the messages				
PMD:IS_UNITDATA_				Brown, Matt		chnologies Canada	
the receive optical specif	nd PMD:IS_UNITDATA_1.	indication(rx_symi	bol), all according to	Comment Type E			bucket
The PMD maps the phas	e changes on each of the I		nals to symbols on	6	n was carried over from 802.3cd	and is not relevan	t in 802.3ct.
= , ,	er as specified in Table 154	1-4.		SuggestedRemedy			
	Response Status W			Delete editing ins	struction at the top of page 122.		
PROPOSED ACCEPT IN	N PRINCIPLE.			Response	Response Status C		
Change to: "The PMD Receive funct	ion shall convert the compo	osite optical signal	received from the	ACCEPT.			
MDI into two DQPSK syn	nbol streams for delivery to			C/ 135A SC 135	A.3 P122	1	# 72
messages PMD:IS_UNIT	DATA_ nd PMD:IS_UNITDATA_1.	indication(rx_syml	hol) all according to			L hnologica Canada	
the receive optical specif	ications in this clause.			Brown, Matt		chnologies Canada	
	e changes on each of the r		signals to symbols on	Comment Type E	n should refer to the inserted sub		bucket
and the last sentence of	er as specified in Table 154 154.5.3 to:	+-4.		0		clause.	
"Table 154-4 shows the r	mapping of the phase chan			SuggestedRemedy		nd of Annov 405A	aa fallawa."
the DQPSK rx_symbol st	reams for delivery to the Pl	MD service interfa	ce."	-	t new subclause 135A.3 at the e	nd of Annex 135A	as follows.
C/ 154 SC 154.5.4	P105	L 48	# 69	Response	Response Status C		
Brown, Matt	Huawei Techr	nologies Canada		ACCEPT.			
Comment Type T	Comment Status A	-	Bucket				
	rface in 116.3 is used as a						
	ice interface for this PMD) f meter values, etc.) the deta						
SuggestedRemedy			100 104.2 IIISICau.				
Change "116 2" to "154 f	20						

Change "116.3" to "154.2".

Response Response Status C

ACCEPT.

/154 S	SC 154.3.2	P102	L 48	# 73	C/ 154	SC 154.5.4	P106	L20	# <u>7</u> 5
tassar, Peter		Huawei			Stassar, Pe	eter	Huawei		
comment Type	9 TR	Comment Status A			Comment	Type TR	Comment Status A		
that there i	is no skew v	SP3, SP4 and SP5 needs a ariation need to be removed			The TE monito		replaced by describing a co	ndition of the sign	al that is being
each at 50	Gb/s				Suggested	Remedy			
uggestedRen	•						to the TBD of the optical sig		ntations that respond
400 ps.The	e Skew at Sl	at SP2 is limited to 43 ns an P3 (the transmitter MDI) sha	II be less than 54	1 ns and the Skew			ower of the modulated optica se to the average optical pow		ed optical signal."
		be less than 600 ps. The Sk he Skew Variation at SP4 sh			Response		Response Status C		
service inte	erface is phy	vsically instantiated so that the less than 145 ns and the	he Skew at SP5 o	can be measured, then	ACCE	PT.			
than 3.6 ns					C/ 154	SC 154.7.1	P 110	L 5	# 76
esponse		Response Status C			Stassar, Pe	eter	Huawei		
		F			0	Type TR	Comment Status A		
In addition	remove sen	remedy with editoral license	of Skew and Ske		leaving	BD for Average g a setting rang	channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev	the requirements	for the 80 km
Implement In addition in TBD with frequency	remove sen h the except	remedy with editoral license tence "The measurements of ion that the measurement cl width is TBD MHz." Also re	of Skew and Skew lock and data rec	overy unit high	The TE leaving applica	BD for Average g a setting rang ation, in line wit nentations the o	channel output power (max) e of 8 dB, sufficient to meet	the requirements ious meetings tha	for the 80 km
Implement In addition in TBD with frequency related edi	suggested i remove sen h the except corner band tor's note in	remedy with editoral license tence "The measurements of ion that the measurement cl width is TBD MHz." Also re 80.5.	of Skew and Skew lock and data rec move associated	overy unit high I editor's note and	The TE leaving applica implem Suggested	BD for Average g a setting rang ation, in line wit nentations the o	channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev ptical output power can be o	the requirements ious meetings tha	for the 80 km
Implement In addition in TBD with frequency related edi / 154 S	remove sen h the except corner band	remedy with editoral license itence "The measurements of ion that the measurement cl width is TBD MHz." Also re 80.5.	of Skew and Skew lock and data rec	overy unit high	The TE leaving applica implem Suggested	BD for Average g a setting rang ation, in line wit nentations the o <i>Remedy</i> ce TBD by "0" (channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev ptical output power can be o	the requirements ious meetings tha	for the 80 km
Implement In addition in TBD with frequency related edi 154 S cassar, Peter	remove sen h the except corner band tor's note in C 154.5.4	remedy with editoral license itence "The measurements of ion that the measurement cl width is TBD MHz." Also re 80.5. P106 Huawei	of Skew and Skew lock and data rec move associated	overy unit high I editor's note and	The TE leaving applica implem <i>Suggested</i> Replac	BD for Average g a setting rang ation, in line wit nentations the o <i>IRemedy</i> ce TBD by "0" (channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev optical output power can be o zero)	the requirements ious meetings tha	for the 80 km
Implement In addition in TBD with frequency related edi 1 154 S tassar, Peter comment Type	suggested i remove sen h the except corner band tor's note in CC 154.5.4	remedy with editoral license tence "The measurements of ion that the measurement cl width is TBD MHz." Also re 80.5. P106 Huawei Comment Status A	of Skew and Skew lock and data rec move associated <i>L</i> 6	eovery unit high l editor's note and # 74	The TE leaving applica implem Suggested Replac Response ACCEF	BD for Average g a setting rang ation, in line wit nentations the o <i>Remedy</i> ce TBD by "0" (PT.	channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev optical output power can be zero) <i>Response Status</i> C	the requirements ious meetings tha easily adjusted.	for the 80 km t for most
Implement In addition in TBD with frequency related edi 154 S tassar, Peter omment Type TBD for Sig	suggested i remove sen h the except corner band tor's note in C 154.5.4 e TR gnal_Detect	remedy with editoral license itence "The measurements of ion that the measurement cl width is TBD MHz." Also re 80.5. P106 Huawei <i>Comment Status</i> A Fail needs a value. Conside	of Skew and Skev lock and data rec move associated <i>L</i> 6 ering that this Cla	eovery unit high I editor's note and # 74	The TE leaving applica implem Suggested Replac	BD for Average g a setting rang ation, in line wit nentations the o <i>IRemedy</i> ce TBD by "0" (channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev optical output power can be o zero)	the requirements ious meetings tha	for the 80 km
Implement In addition in TBD with frequency related edi / 154 S tassar, Peter omment Type TBD for Sig to achieve	suggested i remove sen h the except corner band tor's note in C 154.5.4 e TR gnal_Detect distances u	remedy with editoral license tence "The measurements of ion that the measurement cl width is TBD MHz." Also re 80.5. P106 Huawei Comment Status A	of Skew and Skew lock and data rec move associated <i>L</i> 6 ering that this Cla asis of an opticall	eovery unit high l editor's note and # 74 ause primary objective is ly amplified black liink it	The TE leaving applica implem Suggested Replac Response ACCEF	BD for Average g a setting rang ation, in line wit nentations the of <i>IRemedy</i> ce TBD by "0" (PT. SC 154.7.2	channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev optical output power can be zero) <i>Response Status</i> C	the requirements ious meetings tha easily adjusted.	for the 80 km t for most
Implement In addition in TBD with frequency related edi 154 S tassar, Peter comment Type TBD for Sig to achieve is propose	suggested i remove sen h the except corner band tor's note in C 154.5.4 e TR gnal_Detect distances u d to use the	remedy with editoral license itence "The measurements of ion that the measurement cl width is TBD MHz." Also re 80.5. P106 Huawei <i>Comment Status</i> A Fail needs a value. Conside p to at least 80 km on the ba	of Skew and Skev lock and data rec move associated <i>L</i> 6 ering that this Cla asis of an opticall lue of -30 dBm ar	eovery unit high l editor's note and # 74 ause primary objective is ly amplified black liink it	The TE leaving applica implem Suggested Replac Response ACCEF CI 154 Stassar, Pe Comment	BD for Average g a setting rang ation, in line wit nentations the o <i>Remedy</i> ce TBD by "0" (PT. SC 154.7.2 eter <i>Type</i> TR	channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev optical output power can be o zero) <i>Response Status</i> C <i>P</i> 111 Huawei <i>Comment Status</i> A	the requirements ious meetings tha easily adjusted.	for the 80 km t for most # 77
Implement In addition in TBD with frequency related edir 2/ 154 S itassar, Peter Comment Type TBD for Sig to achieve is proposed unamplifed SuggestedRen	suggested in remove sent h the except corner band tor's note in C 154.5.4 e TR gnal_Detect distances up d to use the d cases a low medy	remedy with editoral license tence "The measurements of ion that the measurement cl width is TBD MHz." Also re 80.5. P106 Huawei <i>Comment Status</i> A Fail needs a value. Conside p to at least 80 km on the ba common average power val wer threshold may be necess	of Skew and Skev lock and data rec move associated <i>L</i> 6 ering that this Cla asis of an opticall lue of -30 dBm ar sary	ause primary objective is ly amplified black liink it nd add a note that for	The TE leaving applica implem Suggested Replac Response ACCEF CI 154 Stassar, Pe Comment T The TE	BD for Average g a setting rang ation, in line wit nentations the of <i>Remedy</i> ce TBD by "0" (PT. SC 154.7.2 eter <i>Type</i> TR BD needs to be	channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev ptical output power can be zero) <i>Response Status</i> C <i>P</i> 111 Huawei	the requirements ious meetings tha easily adjusted.	for the 80 km t for most # 77
Implement In addition in TBD with frequency related edit 154 S tassar, Peter TBD for Sig to achieve is proposed unamplifed uggestedRen Replace TI	suggested in remove sent h the except corner band tor's note in C 154.5.4 e TR gnal_Detect distances up d to use the d cases a low medy	remedy with editoral license itence "The measurements of ion that the measurement cl width is TBD MHz." Also ref 80.5. P106 Huawei Comment Status A Fail needs a value. Conside p to at least 80 km on the bac common average power val wer threshold may be necess and add a note "for applications of the second secon	of Skew and Skev lock and data rec move associated <i>L</i> 6 ering that this Cla asis of an opticall lue of -30 dBm ar sary	ause primary objective is ly amplified black liink it nd add a note that for	The TE leaving applica implem Suggested Replac Response ACCEF CI 154 Stassar, Pe Comment T The TE	BD for Average g a setting rang ation, in line wit nentations the of <i>Remedy</i> ce TBD by "0" (PT. SC 154.7.2 eter <i>Type</i> TR BD needs to be the proposed T	channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev pptical output power can be o zero) <i>Response Status</i> C <i>P</i> 111 Huawei <i>Comment Status</i> A replaced by a value. It is su	the requirements ious meetings tha easily adjusted.	for the 80 km t for most # 77
Implement In addition in TBD with frequency in related edition of 154 Stassar, Peter Comment Type TBD for Sig to achieve is propose unamplifed SuggestedRen Replace Th necessary	suggested in remove sent h the except corner band tor's note in C 154.5.4 e TR gnal_Detect distances up d to use the d cases a low medy BD by "-30"	remedy with editoral license itence "The measurements of ion that the measurement cl width is TBD MHz." Also ref 80.5. P106 Huawei Comment Status A Fail needs a value. Conside p to at least 80 km on the bac common average power val wer threshold may be necess and add a note "for applications of the second secon	of Skew and Skev lock and data rec move associated <i>L</i> 6 ering that this Cla asis of an opticall lue of -30 dBm ar sary	ause primary objective is ly amplified black liink it nd add a note that for	The TE leaving applica implem Suggested Response ACCER CI 154 Stassar, Pe Comment The TE above Suggested	BD for Average g a setting rang ation, in line wit nentations the of <i>Remedy</i> ce TBD by "0" (PT. SC 154.7.2 eter <i>Type</i> TR BD needs to be the proposed T	channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev pptical output power can be o zero) <i>Response Status</i> C <i>P</i> 111 Huawei <i>Comment Status</i> A replaced by a value. It is su	the requirements ious meetings tha easily adjusted.	for the 80 km t for most # 77
Implement In addition in TBD with frequency i related edi 154 S stassar, Peter Comment Type TBD for Sig to achieve is proposed unamplifed SuggestedRen Replace Th necessary Response	suggested in remove sent h the except corner band tor's note in C 154.5.4 e TR gnal_Detect distances up d to use the d cases a low medy BD by "-30"	remedy with editoral license tence "The measurements of ion that the measurement cl width is TBD MHz." Also re 80.5. P106 Huawei <i>Comment Status</i> A Fail needs a value. Conside p to at least 80 km on the ba common average power val ver threshold may be necess and add a note "for application ver value". <i>Response Status</i> C	of Skew and Skev lock and data rec move associated <i>L</i> 6 ering that this Cla asis of an opticall lue of -30 dBm ar sary	ause primary objective is ly amplified black liink it nd add a note that for	The TE leaving applica implem Suggested Response ACCER CI 154 Stassar, Pe Comment The TE above Suggested	BD for Average g a setting rang ation, in line wit nentations the of <i>Remedy</i> ce TBD by "0" (PT. SC 154.7.2 eter <i>Type</i> TR BD needs to be the proposed T <i>Remedy</i> ce TBD by "3"	channel output power (max) e of 8 dB, sufficient to meet n remarks made during prev pptical output power can be o zero) <i>Response Status</i> C <i>P</i> 111 Huawei <i>Comment Status</i> A replaced by a value. It is su	the requirements ious meetings tha easily adjusted.	for the 80 km t for most # 77

C/ 154 SC 154.7	7.3	P 111	L 36	# 78	C/ 154	SC 154.7	7.3	P111	L 40	# 81
Stassar, Peter	l	Huawei			Stassar, P	eter		Huawei		
comment Type TR	Comment S	tatus A			Comment	Type TR	Comme	ent Status A		
dispersion to 1600 fiber. ITU-T SG15	20 meeting in Genev ps/nm. This is appr at its recent closing G.654, adding new f	opriate for bla plenary meeti	ck links containir ng 7 Feb 2020 c	ng 80 km of G.652 onsented revised	ps/nm occurr	.nm.km is ar ence of FWN	n appropriate mi	be (max) (S0)" nee inimum for both G	eds to be replace .652 and G.654.I	d by a value. 0.05 E fibers avoiding
				ould not be precluded ators/users. The worst	Suggested Replac	ce TBD by 0.	.05			
case chromatic dis a worst case link d number for 80 km	spersion over the wa lispersion of 1931 pe links. The relevant l	velength rang s/nm. 2000 ps TU-T Recomn	e of interest is 24 /nm would be an nendations provid	1.14 ps/nm, leading to appropriate rounded de a difference in	Response ACCE	PT IN PRIN	,	se Status C		
uggestedRemedy	tion of 0.05 dB/km, i	mplying a loss	s difference of 4 c	IB over 80 km.		e 154-10 rep ce TBD by 0.		eter fiber dispersio	on slope replace ((max) by (min).
Replace 1600 by 2					C/ 154	SC 154.7	7.3	P111	L 42	# 82
esponse ACCEPT.	Response Si	tatus C			Stassar, P	eter		Huawei		
ACCEPT.					Comment	Type TR	Comme	ent Status A		
154 SC 154. 7		P 111 Huawei	L 37	# 79						TP2" in accordance meeting in Geneva
omment Type TR					Suggested	Remedy				
	00 ps/nm will occur o		na G 653 (dispers	ion shifted) fibers	Replac	ce TBD by 2	5			
which are not antic	cipated to be used in on should be 0 ps/n	C-band appli			Response	PT IN PRIN	,	se Status C		
<i>uggestedRemedy</i> Replace -200 by 0	(zero)						5 in Table 154-	10.		
esponse	Response Si	tatus C			C/ 154	SC 154.7	7.3	P 111	L 43	# 83
ACCEPT.					Stassar, P	eter		Huawei		
154 SC 154.7	7.3	P111	L 39	# 80	Comment	Type TR	Comme	ent Status A		
assar, Peter		Huawei					um is a black lir e between TP2	ik there should no and TP3"	t be a requireme	nt for "Maximum
omment Type TR				useful. Chaudelha	Suggested	Remedy				
deleted	ber zero dispersion	wavelength" d	oes not seem to	usetui. Snouid de	Delete	row for "Ma	ximum discrete	reflectance betwe	en TP2 and TP3	" from Table
uggestedRemedy					Response		Respons	se Status C		
	er zero dispersion w	/avelength" fro	om Table		ACCE	PT IN PRIN	CIPLE.			
esponse ACCEPT IN PRIN	Response Si CIPLE.	tatus C			See re	esponse to co	omment 104			
Doloto row for "Fib	er zero dispersion w	/avelength" fro	om Table 154-10							

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

C/ 1	SC 1.4	P 22	L	# 84	C/ 153	SC 15	3.2.4.4	P 92	L13	# 87
Stassar,	Peter	Huawei			Maniloff, E	ric		Ciena		
Commen	nt Type TR	Comment Status A			Comment	Туре І	E	Comment Status A		bucke
		ition of channel spacing. The p ecommendation ITU-T G.671.	roposed defir	ition is consistent with	FAS_(Suggested		E should	read COMP to be consisten	t with the left s	ide of the block diagram
Suggeste	edRemedy					e to CON	IP			
wave are b	elength between a	el Spacing: The center-to-cente adjacent channels in a WDM aj found in [ITU-T G.694.1]. CW[6.694.2]."	plication. DV	VDM channel spacings	Response ACCE	PT IN PR	INCIPLE	Response Status C n the box on the right side, I	ine 13 from FA	S_COMPARE to COMP
Respons		Response Status C			C/ 153	SC 15	3.2.4.4	P 92	L14	# 88
ACC	EPT.				Maniloff, E	ric		Ciena		
C/ 1	SC 1.4	P 22	L	# 85	Comment		E is a type	Comment Status A		bucke
Stassar,		Huawei			-		is a typo			
cons Suggeste	may need a defin istent with the on edRemedy	Comment Status A ition of polarization dependent le currently in Recommendation ation dependent loss: The varia	1 ITU-T G.67	1.	Suggested chang Response ACCE	e FAS_C	OMPAR	to FAS_COMPARE Response Status C		
of the	e state of polariza	ation (SOP) over all SOPs with nel wavelength range (CWDM a	n the channe	l frequency range	C/ 154	SC 15	4.8.13	P 113	L 47	# 89
Respons	,	Response Status C		,	Maniloff, E	ric		Ciena		
•	EPT.				Comment	Туре І	Ε	Comment Status A		
Cl 154 Stassar, Commen	SC 154.7.3 Peter	P 111 Huawei Comment Status A	L 36	# 86	restric maxim reach	tion, not tl num of these a	he OSNF	mited to < 80km for the unar 8. So the comment "The ass ns to less than 80 km specif ther than 154.8.15	ociated channe	el loss will likely limit the
		etween brackets in the parame	er name "(re	sidual) chromatic	Suggested	Remedy				
dispe link,	ersion" may be co	onfusing and imply usage of dis in the anticipated applications.	persion com	pensation inside the black	Move reach	the text "T	pplicatio	ciated channel loss will likely ns to less than 80 km specif .13		
Suggeste	edRemedy				Response			Response Status C		
Rem	ove "(residual)" ii	n both parameter entries in Tab	le 154-10.		ACCE	PT IN PR	INCIPLE	•		
Respons ACC	e EPT.	Response Status C			Adopt	slides 15	and 16 f	rom Schmitt_3ct_01_200402	2.pdf.	

C/ 154 SC 8.1	P 112	L 6	# <u>9</u> 0	C/ 154 SC 8.2	P 112	L33	# <u>9</u> 3
DeAndrea, John	Finisar II-VI			DeAndrea, John	Finisar II-VI		
comment Type E	Comment Status D			Comment Type E	Comment Status D		
"Any of the test pattern that test." is not neede	s given for a particular test in ⁻ d	Table 154-12 m	nay be used to perform	eliminate sentance.			
SuggestedRemedy Remove sentance				SuggestedRemedy eliminate sentance "Th 154-12."	ne transmitter is modulated usi	ng the test patte	ern defined in Table
Proposed Response PROPOSED REJECT The intent of the sente for other in-force optica	Response Status W	a similar Table	e with test patterns as	Proposed Response PROPOSED REJECT See response to comm			
Currently that whole pa				C/ 154 SC 8.3	P 112	L 38	# 94
7 154 SC 8.1	P112	L16	# 91	DeAndrea, John	Finisar II-VI		<u></u>
)eAndrea, John	Finisar II-VI	-		Comment Type E	Comment Status D		
Comment Type E	Comment Status D			Modify			
TBD not required				SuggestedRemedy			
SuggestedRemedy				Ū.	ge optical power is measured	per the test set	up in Figure 53-6."
Eliminate TBD				Proposed Response	Response Status W		
Proposed Response PROPOSED REJECT	Response Status W	wind Social	- reconcise to comment	PROPOSED REJECT No reason has been p See also resolution to	rovided why the current descrip	otion is inappro	priate or wrong.
#90		julied. See also	o response to comment	C/ 154 SC 9.1	P 114	L 51	# 95
7 154 SC 8.1	P112	L19	# 92	DeAndrea, John	Finisar II-VI		
eAndrea, John	Finisar II-VI			Comment Type E	Comment Status D		
comment Type E	Comment Status D			Modify sentence			
Consider dropping tabl	e			SuggestedRemedy			
uggestedRemedy				Change to: "whether co	oupled into a fiber or from an o	pen MDI active	output"
	cific pattern is not required for	testing transmi	tter characteristics.	Proposed Response	Response Status W		
	Response Status W	-		•	ion has been provided why the	current senten	ce is wrong or
Proposed Response PROPOSED REJECT				inappropriate.			

C/ 154	SC 6	;	P107	L 25	# <u>9</u> 6	C/ 154	SC	8.1	P 110	L 52	# <u>9</u> 8
DeAndrea	, John		Finisar II-VI			DeAndrea	, John		Finisar II-VI		
Comment	Туре	Е	Comment Status D			Comment	Туре	т	Comment Status D		
points black	betweer link" Wh er charao	n the optic at are mu	r, "However, it does not enabl cal multiplexer and demultiple: ltichannel points? If a single c then mentioning interoperabil	ker that are like hannel is only	ly to be included in the supported through one	Claus carrie compl	e 153.2 r chann liance.	.3.2.6 Scr els provid	re not required, based on Cla ambler for dual polarization c e enogh randomization for op	ptical signals.	The scrambler and dual
Suggested		,				Suggestee					
00	sentaenc								npliance is to be achieved in coder, and Clause 153.2.3.2		
Proposed	Respons	se	Response Status W			pseud	lo rando	om signal ⁻	for transmit parameter measu	urments."	
•	•	REJECT.				Proposed	Respo	nse	Response Status W		
The que points	uoted se where n	ntence re nore than	fers to an essential character one channel is present in the pported by the specification.					ACCEPT ask Force.	IN PRINCIPLE.		
		,				C/ 154	SC	154.7.1	P 110	L 5	# 99
C/ 154	SC 7	.2	P 111	L 11	# 97	Schmitt, M	/latt		CableLabs		
DeAndrea	, John		Finisar II-VI			Comment	Туре	т	Comment Status R		
Comment		т	Comment Status A						Average channel output powe		
TBD v	alue for	receiver c	lamage threshold.						e as the CableLabs PHYv1.0 posed to a power level anyor		
Suggested						Suggested				ie thought would	
			hannel system can have 48 c power for +1 dBm launch pow			00		•	r "Average channel output po	ower (max)" in 1	able 154-8
			ssionally, mistakes are made,			Response	-		Response Status C		
			ix or fiber span. Suggest using	g 18 dBm as m	aximum damage	REJE					
		eceiver da	amage threshold.								
Response		RINCIPLE	Response Status C			See re	esolutio	n to comn	nent #76		
ACCE		RINGIPLE				C/ 154	SC	154.8.1	P111	L 1	# 100
			d in comment 77 however is r		o cover	Schmitt, M	/latt		CableLabs		
misco	nnection	s from ins	ide the black link directly into	the receiver.		Comment	Туре	Е	Comment Status A		
						Shoul	dn't Tal		be in Sub-clause154.7.2 as ir at text? If not, it should be m		s? Is there a reason
						Suaaested			·		

SuggestedRemedy

Move Table 154-9 back into sub-clause 154.7.2.

Response Response Status C

ACCEPT.

2/154 SC 1	54.8.1 P111	L 29	# <u>1</u> 01	C/ 154	SC 154.8.1	P 111	L 42	# <u>1</u> 03
chmitt, Matt	CableLabs	;		Schmitt, Ma	att	CableLabs		
<i>, , , , , , , , , ,</i>	E Comment Status A			Comment 7	51	Comment Status A		
	e 154-10 be in Sub-clause 154.7.3 that text? If not, it should be mov		s? Is there a reason it		· ·	Return Loss is defined as be ber. Therefore, having "Optic	0	
uggestedRemedy	<i>,</i>					TP2" in Table 154-10 is redur same point (one implicitly, on		
Move Table 15	4-10 back into sub-clause 154.7.3	5.		other u	sage in 802.3,	propose keeping "Optical retu		
esponse	Response Status C			•		TP2" from Table 154-10.		
ACCEPT.				Suggested	2			
154 SC 1	54.8.1 P111	L11	# 102		the row from 1	able 154-10 for "Optical return	10 s at $1P2^{\circ}$.	
hmitt, Matt	CableLabs	5		Response	PT IN PRINCIP	Response Status C		
For the TBD va	T Comment Status A alue of "Damage threshold" in Tab					n loss" in Table 154-8 and lea	ave it in Table 15	4-10.
receiver if a tra	Insmitter and receiver are connect ax output from the transmitter as (5	Cl 154	SC 154.8.1	P 111	L 43	# 104
same as the m			he receiver it could be	Schmitt, Ma	att	CableLabs		
signal were fed	l into an optical ampplifier before k					CapieLaps		
signal were fed	l into an optical ampplifier before b Therefore, for additional safety in t			Comment 7	Туре Т	Comment Status A		
signal were fed much higher. ∃ dBm. <i>IggestedRemedy</i>	Therefore, for additional safety in t	this case, propose s		Comment 7 Per the	<i>Type</i> T contribution st			aximum discrete
signal were fed much higher. ∃ dBm. uggestedRemedy	Therefore, for additional safety in t	this case, propose s		Comment 7 Per the	<i>Type</i> T contribution st ance between T	Comment Status A assar_3ct_01_200213, propo		aximum discrete
signal were fed much higher. T dBm. uggestedRemedy Change "TBD" esponse	Therefore, for additional safety in t , to "18" for "Damage threshold" in <i>Response Status</i> C	this case, propose s		Comment T Per the reflecta Suggested Delete	<i>Type</i> T contribution st ance between T <i>Remedy</i>	Comment Status A assar_3ct_01_200213, propo	10.	
signal were fed much higher. T dBm. <i>IggestedRemedy</i> Change "TBD"	Therefore, for additional safety in t , to "18" for "Damage threshold" in <i>Response Status</i> C	this case, propose s		Comment T Per the reflecta Suggested	<i>Type</i> T contribution st ance between T <i>Remedy</i>	Comment Status A assar_3ct_01_200213, propo P2 and TP3" from Table 154-	10.	

C/ 1	SC 1	P 21	L14	# <u>1</u> 05	C/ 154	SC 1	154.11	P117	L1	# <u>1</u> 07
Nicholl, Ga	iry	Cisco systems	5		Nicholl, G	iary		Cisco systems		
Comment	Туре Е	Comment Status A		bucket	Comment	t Type	т	Comment Status D		
The "in	nportant Notice"	is no longer required according	ng to IEEE.		lf Ann	nex J is ir	nserted ir	154.9.1 then the PICs require	updating.	
Suggested	Remedy				Suggeste	dRemedy	y			
		24: IMPORTANT NOTICE:			Add '	"General	Safety" I	PICS entry and use "Conform	s to J.2" for V	alue/format.
		ety, health, or environmental p			Proposed	Respons	se	Response Status W		
docum	ience with or from	m other devices or networks. sible for determining and com	plying with all a	ppropriate	•			IN PRINCIPLE.		
safety,	security, enviror	nmental, health, and interfere								
applica regulat	able laws and							PICS entry is not currently in the 5. Modify any "General Safety		
0		made available for use subje	ct to important	notices and legal				Value/Comment.		
	mers. These s and disclaimers	s appear in all publications co	ntaining this do	cument and may be	C/ 1	SC 1	1	P 1	L 27	# 108
found u	under the		-	-	Nicholl, G	arv	-	Cisco systems		
headin Docum		tice" or "Important Notices and	d Disclaimers C	oncerning IEEE	Comment		Е	Comment Status A		bucket
They c	an also be obtair	ned on request from IEEE or	viewed at					0 and 802.3cq-2002 have now	been approve	
http://s	tandards.ieee.or	g/IPR/disclaimers.html			Suggeste					
Response		Response Status C			00		,	(to 802.3cm-2020 and 802.3cg	1-20XX to 802	3ca-2020 throughout
ACCEI	PT.				the dr		2070			
C/ 154	SC 154.9.1	P114	L 44	# 106	Response	Э		Response Status C		
Nicholl, Ga		Cisco systems			ACCE	EPT.				
Comment	,	Comment Status D			C/ 80	SC 8	30.1.3	P 49	L10	# 109
P802.3	Bcr is harmonizing	g general safety references a			Nicholl, G			Cisco systems		100
		VG ballot recirculation and is l			Comment		Е	Comment Status A		bucket
	his material in sy	tion between TFs and the P80 mc.	2.3cl project si					and " and "in"		buokot
' Suggested	-				Suggeste	•				
00	,	subject to this clause shall co	onform to IEC 6	0950-1." to "All	00	e extra si	•			
equipm	nent subject to th	nis clause shall conform to the	e general safety	requirements as	Response			Response Status C		
	ed in J.2". Add E es to P802.3cr.	Editor's Note to be removed p	rior to SA ballot	to align text with	ACCE			Nesponse sidius C		
Proposed I		Response Status W			AUUL					
'	OSED ACCEPT.	,								
		•								

C/ 80	SC 80.1.3	P 49	L 14	# <u>1</u> 10	C/ 80	SC 80.1.5	P 50	L 6	# 113
Nicholl, Gary	у	Cisco systems			Nicholl, G	ary	Cisco systems	3	
Comment Ty	ype E	Comment Status A		bucket	Comment	Туре Е	Comment Status A		bucke
	ting instruction s 80-1" in the doc	states "Change Figure 80-1 in sument.	80.1.3 as follo	ws:", but there is no	Table Suggestee		able , so there should be no u	nderlining.	
SuggestedR Import F	,	update accordingly.			Delete	e all underlining i	n Table 80-4b		
Response	T IN PRINCIPLI	Response Status C			Response ACCE		Response Status C		
See res	ponse to comm	ent 51.			<i>Cl</i> 80 Nicholl, G	SC 80.3.2 ary	P 51 Cisco systems	L 28	# 114
CI 80	SC 80.1.5	P 50	L 3	# 111	Comment	Туре Е	Comment Status A		bucke
Nicholl, Gary	у	Cisco systems			Extra	space between	100GBASE-R and 100GBASE	-P	
inserted SuggestedR	instruction state l is actually Tabl Remedy	Comment Status A s "Insert Table80–4 after Tabl le 80-4b. on to read " "Insert Table80–4			Suggested Use s Response ACCE	trikethrough for t	he extra space after the "and" <i>Response Status</i> C		
Response		Response Status C			C/ 80	SC 80.3.2	P 51	L 30	# 115
ACCEP	T IN PRINCIPL	E.			Nicholl, G	ary	Cisco systems	6	
See res	ponse to comm	ent 41.			<i>Comment</i> Missir	<i>Type</i> E ng underline, und	Comment Status A ler space.		bucke
CI 80	SC 80.1.5	P 50	L 6	# 112	Suggestee	dRemedv	•		
Nicholl, Gary	у	Cisco systems			00	-	a, " to "Figure 80–4a, "		
Comment Ty Table 80		Comment Status A a column for Clause 135.		bucket	Response ACCE		Response Status C LE.		
SuggestedR Add a co	<i>Remedy</i> olumn for Claus	e 135.			See re	esponse to comr	nent 55.		
Response ACCEP	Т.	Response Status C							

C/ 80	SC 80.3.2	P52	L1	# 116	C/ 154 SC 154	4.7.1	P110	L26	# 119
licholl, Ga		Cisco systems	-		Lewis, David		umentum		
omment	•	Comment Status A		bucket	Comment Type 1				
	21	derline in editing instruction				ss tolerance should be a	_	ue, not maxim	um. For example, a
uggested		5			return loss from	the black link of 24 dB v	would result in	more power re	eflected back into the
	•	editing instruction				a return loss from the bl to the transmitter. Ther			
		5			maximum.	to the transmitter. The			, is a minimum, not a
Response	PT IN PRINCIPI	Response Status C			SuggestedRemedy				
ACCL		LL.				ion to "Optical return los	ss tolerance (m	nin)"	
See re	esponse to comr	nent 56.			Proposed Response	Response Sta	tus Z		
80	SC 80.4	P 52	L 49	# 117	REJECT.				
licholl, Ga	ary	Cisco systems	;		This comment w	as WITHDRAWN by th	e commenter		
Comment	Туре Е	Comment Status A		bucket					
Need t	to reference 802	2.3cu in editing instruction			C/ 154 SC 15		P 112	L 27	# 120
uggested	IRemedy				D'Ambrosia, John	Fi	uturewei, U.S.	Subsidiary of I	Huawei
Chang	e editing instruc	tion from "Change Table80–5	(as modified by	IEEE Std 802.3cd-	Comment Type 1	R Comment Sta	atus D		
2018) shown		nanged 40G rows not				Table 154-12 is TBD. pointing to Table 154-1		ther test parar	neters requiring a tes
	ge Table80–5 (a s (unchanged 40	as modified by IEEE Std 802.3	cd-2018 and IEI	E Std 802.3cu-xx) as	SuggestedRemedy Delete the conte	nts of the entire row for	the "TBD" enti	ry	
shown		I Tows not			Proposed Response	Response Sta	tus W		
)"	Response Status C			Proposed Response PROPOSED RE		tus W		
shown)"				PROPOSED RE				
shown es <i>ponse</i> ACCEI)"		L 47	# 118	PROPOSED RE	JECT. comments #90 and #1		L15	# [121
shown Sesponse ACCEI)" PT. SC 152.5.1	Response Status C	L 47	# 118	PROPOSED RE See resolution to	JECT. o comments #90 and #1 4.8.1	23		
shown esponse ACCE)" PT. SC 152.5.1 <i>i</i> id	Response Status C P 61 Lumentum	L 47		PROPOSED RE See resolution to Cl 154 SC 15 D'Ambrosia, John	JECT. o comments #90 and #1 4.8.1	23 <i>P</i> 112 uturewei, U.S. 3		
shown esponse ACCEI / 152 ewis, Dav omment)" PT. SC 152.5.1 /id Type E	Response Status C P61 Lumentum Comment Status A		bucket	PROPOSED RE See resolution to Cl 154 SC 15 D'Ambrosia, John Comment Type 1	JECT. o comments #90 and #1 4.8.1	23 P 112 uturewei, U.S. a <i>atus</i> D	Subsidiary of I	Huawei
shown esponse ACCEI 152 ewis, Dav comment The ca)" PT. SC 152.5.1 <i>r</i> id <i>Type</i> E aption for Fig 15	Response Status C P 61 Lumentum		bucket	PROPOSED RE See resolution to Cl 154 SC 15 D'Ambrosia, John Comment Type 1	JECT. o comments #90 and #1 4.8.1 F R Comment Sta	23 P 112 uturewei, U.S. a <i>atus</i> D	Subsidiary of I	Huawei
shown esponse ACCEI 152 ewis, Dav omment The ca uggested)" PT. SC 152.5.1 /id Type E aption for Fig 15: <i>IRemedy</i>	Response Status C P61 Lumentum Comment Status A	nction block dia	<i>bucket</i> gram of.	PROPOSED RE See resolution to Cl 154 SC 15 D'Ambrosia, John Comment Type 1 The last entry in SuggestedRemedy 1. Delete the con	JECT. a comments #90 and #1 4.8.1 FR Comment Sta Table 154-11 is TBD. htents of the entire row t	23 P 112 uturewei, U.S. (thus D There are no of for the "TBD" e	Subsidiary of I	Huawei
shown esponse ACCEI 152 ewis, Dav omment The ca uggested Chang)" PT. SC 152.5.1 /id <i>Type</i> E aption for Fig 15: <i>IRemedy</i> le caption to "Inv	Response Status C P61 Lumentum Comment Status A 2-2 does not say what it is a fu	nction block dia	<i>bucket</i> gram of.	PROPOSED RE See resolution to Cl 154 SC 15 D'Ambrosia, John Comment Type 1 The last entry in SuggestedRemedy 1. Delete the con 2. Rename Table	JECT. a comments #90 and #1 4.8.1 FR Comment Sta Table 154-11 is TBD. antents of the entire row for the 154-11 to "Test Patter	23 <i>P</i> 112 uturewei, U.S. <i>tus</i> D There are no o for the "TBD" e n"	Subsidiary of I	Huawei
shown Response ACCEI 7 152 ewis, Dav comment The ca ruggested)" PT. <i>SC</i> 152.5.1 <i>r</i> id <i>Type</i> E aption for Fig 15 <i>IRemedy</i> le caption to "Inv	Response Status C P61 Lumentum Comment Status A 2-2 does not say what it is a fu verse RS-FEC sublayer function	nction block dia	<i>bucket</i> gram of.	PROPOSED RE See resolution to Cl 154 SC 15 D'Ambrosia, John Comment Type 1 The last entry in SuggestedRemedy 1. Delete the con	JECT. a comments #90 and #1 4.8.1 TR Comment State Table 154-11 is TBD. Antents of the entire row the e 154-11 to "Test Patter Response State	23 <i>P</i> 112 uturewei, U.S. <i>tus</i> D There are no o for the "TBD" e n"	Subsidiary of I	Huawei

C/ 154	SC 154.8.1	P112	L 22	# <u>1</u> 22	C/ 154	SC 154.11.1	3	^{>} 118	L1	# 125
D'Ambrosia	a, John	Futurewei, U.S	. Subsidiary of ⊢	luawei	Issenhuth,	Tom	Hu	awei		
Comment 7	Type TR	Comment Status D			Comment 7	Туре Е	Comment Stat	us D		
	has only been or for the optical p	ne test pattern defined in Table arameters	e 154- in that cai	n be used in Table			ig in 154.11.3 are i	ncomplete	9.	
Suggested					Suggested	-				
00		cal paramaeter entries to Patte	ern 5		Comple	ete the required	PICS tables with t	he informa	ation from issenh	uth_3ct_04_0320
Proposed F	•	•	5111 0.		Proposed F	Response	Response Stat	ıs W		
,	OSED REJECT.	Response Status W			PROP	OSED ACCEPT	IN PRINCIPLE.			
		nents #90 and #123.			For TF	discussion If a	an entry for "Gener	al Safetv"	is added align t	he Value/Comment
							om comment 107.			
C/ 154	SC 154.8.1	P 112	L18	# 123						
D'Ambrosia	a, John	Futurewei, U.S	. Subsidiary of ⊢	luawei						
Comment 7	Туре Е	Comment Status D								
		12 seems incorrect. The ITest ing defined is the test patterns								
Suggested	•	C I	0 0							
00	e title of Table 1	54-12 to "Optical Parameter T	est-pattern defin	itions and related						
Proposed F	Response	Response Status W								
PROPO The wh As soo	OSED REJECT. Nole topic of test n as that has be	patterns still needs to be com en established, the correct title istent with existing in-force cla	e should be defir	ned.						
CI 45	SC 45.2.1.21	b P27	L 35	# 124						
Issenhuth,	Tom	Huawei								
Comment 7	Туре Е	Comment Status A								
		s inserted by IEEE Std 802.3c		e 45.24b was inserted						
States		019 and modifed by IEEE Std	802.3cu-20xx.							
States by IEEI	E Std 802.3cn-2		802.3cu-20xx.							
States by IEEI Suggested	E Std 802.3cn-2 <i>Remedy</i>			EE Std 802.3cu-20xx"						
States by IEEI <i>Suggestedi</i>	E Std 802.3cn-2 <i>Remedy</i>	019 and modifed by IEEE Std		EE Std 802.3cu-20xx"						