		P 1	L 27	# 108	C/ 1
Nicholl, Gary		Cisco syster	ns		Stassar, Pet
Comment Type IEEE Std 802.3		<i>ent Status</i> A 2.3cq-2002 have n	ow been approved	bucket	<i>Comment Ty</i> We may the one o
SuggestedRemedy Change 802.30 the draft Response	m-20XX to 802.30	cm-2020 and 802.3	3cq-20XX to 802.3	3cq-2020 throughout	SuggestedRe Add "1.4 waveleng
ACCEPT.					are base grid foun
C/ 1 SC 1		P 21	L 14	# 105	Response ACCEPT
Nicholl, Gary Comment Type	E Comm	Cisco syster nent Status A	lis	bucket	C/ 1
21		er required accord	ling to IEEE.	buokot	Stassar, Pet
SuggestedRemedy	,	·	-		Comment Ty
Delete lines 14 intended to ens	through 24: IMP sure safety, health	, or environmental	protection, or en		We may consister
documents are	responsible for de , environmental, h	evices or networks etermining and con nealth, and interfer	mplying with all ap	opropriate	SuggestedRe Add "1.4 of the sta (DWDM
disclaimers. Th notices and dis	iese claimers appear i	ailable for use sub		notices and legal cument and may be	Response ACCEP1
found under the heading "Impor		nportant Notices a	nd Disclaimers Co	oncerning IEEE	C/ 1
Documents."					Brown, Matt
	be obtained on rees. ieee.org/IPR/dise	quest from IEEE o claimers.html	r viewed at		Comment Ty
Response	0	nse Status C			
	•				only one
ACCEPT.					only one <i>SuggestedRe</i> Change

C/ 1	SC 1.4	P 22	L	#	84
Stassar, P	eter	Huawei			
Comment	Type TR	Comment Status A			

y need a definition of channel spacing. The proposed definition is consistent with currently in Recommendation ITU-T G.671.

Remedy

4.181a Channel Spacing: The center-to-center difference in frequency or ngth between adjacent channels in a WDM application. DWDM channel spacings sed on the grid found in [ITU-T G.694.1]. CWDM channel spacings are based on the and in [ITU-T G.694.2]."

Respons	е	Response Status C		
ACC	EPT.			
C/ 1	SC 1.4	P 22	L	# 85

C/ 1	SC 1	1.4		ŀ	22		L	#	<u>8</u> 5	
Stassar,	Peter			Hu	awe	i				
•			~			-				

Type **TR** Comment Status A

y need a definition of polarization dependent loss. The proposed definition is ent with the one currently in Recommendation ITU-T G.671.

Remedy

.4.401a polarization dependent loss: The variation of insertion loss due to a variation state of polarization (SOP) over all SOPs within the channel frequency range M link) or channel wavelength range (CWDM and WWDM links)

Respons ACC		Response Status C		
C/ 1	SC 1.4	P 22	L 27	# 50
Brown, N	latt	Huawei Techi	nologies Canada	ı
Commen only	<i>t Type</i> E one defintion	Comment Status A		bucket
	edRemedy nge "definitions"	to "definition"		
Respons ACC		Response Status C		

TYPE: TR/technical required ER/editorial required GR/gener	al required T/technical E/editorial G/general	C/ 1	Page 1 of 24
COMMENT STATUS: D/dispatched A/accepted R/rejected	RESPONSE STATUS: O/open W/written C/closed Z/withdrawn	SC 1.4	4/16/2020 11:01:12 AM
SORT ORDER: Clause, Subclause, page, line			

Maguire, Valerie	P 24	L 8	# 47	CI 45	SC 45.2.1.	186aa.1	P 36	L 35	# 1
Maguire, valerie	The Siemon Con	npany		Bruckman	, Leon		Huawei		
Comment Type E Comment Si 802.3cg has published.	tatus A		bucket		EC bypass in	dication enab	ent Status A le" bit when set to rror indication. Se		<i>bucke</i> the bypass of the FEC
SuggestedRemedy Replace, "802.3cg-20xx" with, "802.3cg	a-2019"			Suggested					
Response Response St	•			Chang	e: "When set	to a one, this	bit enables bypas	s of the error ind	lication.",
ACCEPT.				to: "WI	hen set to a or	ne, this bit ena	ables bypass of th	e error indication	n function."
	D.0-	/ 07	"	Response		Respons	se Status C		
C/ 45 SC 45.2.1.21b	P 27	L 35	# 124	ACCE	PT.	·			
	Huawei			C/ 45	SC 45.2.1.	18622 1	P 36	L37	# 2
Comment Type E Comment Si States table 45.24b "as inserted by IE		20vv" hut tabl	a 45 24h was inserted	Bruckman		10044.1	F 30 Huawei	231	# 2
by IEEE Std 802.3cn-2019 and modife				Comment		Comme	ent Status A		bucke
uggestedRemedy					ot clear	Comme			DUCK
Change "as inserted by IEEE Std 802.	3cu-20xx" to "as	modified by IE	EEE Std 802.3cu-20xx"	Suggested					
Response Response St	atus C				-	it 1 2200 1 ar	e ignored and rea	ids return a zero	if the Inverse RS-FEC
ACCEPT.				does n	ot have the al				remote PCS layer (see
				152.5.2	2.3).".				
C/ 45 SC 45.2.1.186	P36	L 9	# 48	152.5.1		200 1 aro igno	rod and roads rot	urp a zora if tha	Invorse PS EEC doos
	P 36 The Siemon Con		# 48	to: "Wi	rites to bit 1.22				Inverse RS-FEC does te PCS layer (see
Maguire, Valerie Comment Type E Comment Si	The Siemon Con		# 48 bucket	to: "Wi	rites to bit 1.22 ve the ability to				
Maguire, Valerie	The Siemon Con			to: "Wi not ha	rites to bit 1.22 ve the ability to	o bypass deco			
Maguire, Valerie Comment Type E Comment Si 802.3cg has published.	The Siemon Con			to: "Wi not ha 152.5.2	rites to bit 1.22 ve the ability to 2.3)."	o bypass deco	oding error indicat		
Aguire, Valerie Comment Type E Comment St 802.3cg has published.	The Siemon Con tatus A			to: "Wi not ha 152.5.1 Response	rites to bit 1.22 ve the ability to 2.3)."	o bypass deco Respons	oding error indicat		
Aguire, Valerie <i>Comment Type</i> E <i>Comment Si</i> 802.3cg has published. <i>SuggestedRemedy</i> Replace, "802.3cg-20xx" with, "802.3cg <i>Response Response St</i>	The Siemon Con tatus A g-2019"			to: "Wi not ha 152.5. <i>Response</i> ACCE	rites to bit 1.22 ve the ability to 2.3)." PT. SC 45.2.1.	o bypass deco Respons	oding error indicat se Status C	ions to the remo	te PCS layer (see
Maguire, Valerie <i>comment Type</i> E <i>Comment Si</i> 802.3cg has published. <i>ruggestedRemedy</i> Replace, "802.3cg-20xx" with, "802.3cg	The Siemon Con tatus A g-2019"			to: "Wi not ha 152.5." Response ACCEI	rites to bit 1.22 ve the ability to 2.3)." PT. SC 45.2.1. , Leon	bypass deco Respons 186aa.2	oding error indicat se Status C P36	ions to the remo	te PCS layer (see # <u>3</u>
Aguire, Valerie <i>Comment Type</i> E <i>Comment Si</i> 802.3cg has published. <i>SuggestedRemedy</i> Replace, "802.3cg-20xx" with, "802.3cg <i>Response Response St</i>	The Siemon Con tatus A g-2019"			to: "Wi not hav 152.5.: <i>Response</i> ACCE <i>CI</i> 45 Bruckman <i>Comment</i>	rites to bit 1.22 ve the ability to 2.3)." PT. SC 45.2.1. , Leon	bypass deco Respons 186aa.2	oding error indicat se Status C P 36 Huawei	ions to the remo	te PCS layer (see # <u>3</u>
Maguire, Valerie Comment Type E Comment St 802.3cg has published. SuggestedRemedy Replace, "802.3cg-20xx" with, "802.3cg Response Response St	The Siemon Con tatus A g-2019"			to: "Wi not ha 152.5." Response ACCEI C/ 45 Bruckman Comment Text no	rites to bit 1.22 ve the ability to 2.3)." PT. SC 45.2.1. , Leon <i>Type</i> E ot clear	bypass deco Respons 186aa.2	oding error indicat se Status C P 36 Huawei	ions to the remo	te PCS layer (see # <u>3</u>
Maguire, Valerie Comment Type E Comment Si 802.3cg has published. SuggestedRemedy Replace, "802.3cg-20xx" with, "802.3cg Response Response St	The Siemon Con tatus A g-2019"			to: "Wi not ha 152.5." Response ACCEI CI 45 Bruckman Comment Text no Suggested Chang	rites to bit 1.22 ve the ability to 2.3)." PT. SC 45.2.1. , Leon <i>Type</i> E ot clear <i>IRemedy</i>	bypass deco Respons 186aa.2 Comme	bding error indicat se Status C P36 Huawei ent Status A pored and reads re	ions to the remo	te PCS layer (see # <u>3</u>
Maguire, Valerie Comment Type E Comment Si 802.3cg has published. SuggestedRemedy Replace, "802.3cg-20xx" with, "802.3cg Response Response St	The Siemon Con tatus A g-2019"			to: "Wi not hav 152.5." <i>Response</i> ACCEI <i>CI</i> 45 Bruckman <i>Comment</i> Text no <i>Suggested</i> Chang not hav to: "Wi	rites to bit 1.22 ve the ability to 2.3)." PT. SC 45.2.1. , Leon <i>Type</i> E ot clear <i>IRemedy</i> e: "Writes to t ve the ability to	bypass deco Respons 186aa.2 Comme his bit are igno bypass corre are ignored a	bding error indicat se Status C P36 Huawei ent Status A ored and reads re ection.", nd reads return a	ions to the remo <i>L</i> 44 turn a zero if the	te PCS layer (see # <u>3</u> bucke
Maguire, Valerie Comment Type E Comment Si 802.3cg has published. SuggestedRemedy Replace, "802.3cg-20xx" with, "802.3cg Response Response St	The Siemon Con tatus A g-2019"			to: "Wi not hav 152.5." <i>Response</i> ACCEI <i>CI</i> 45 Bruckman <i>Comment</i> Text no <i>Suggested</i> Chang not hav to: "Wi	rites to bit 1.22 ve the ability to 2.3)." PT. SC 45.2.1. , Leon Type E ot clear /Remedy e: "Writes to t ve the ability to rites to this bit	bypass deco <i>Respons</i> 186aa.2 <i>Comme</i> bypass corre are ignored a pass error co	bding error indicat se Status C P36 Huawei ent Status A ored and reads re ection.", nd reads return a	ions to the remo <i>L</i> 44 turn a zero if the	# <u>3</u> bucke

i i zi i i i i i i i i i i i i i i i i	a required inteenment Erentena engeneral		
COMMENT STATUS: D/dispatched A/accepted R/rejected	RESPONSE STATUS: O/open W/written C/closed Z/withdrawn	SC 45.2.1.186aa.2	4/16/2020 11:01:13 AM
SORT ORDER: Clause, Subclause, page, line			

1/45 SC 45.2.1.186ab.8 P38 L33 # 4	C/80 SC 8	30.1	P 49	L 12	# 44
ruckman, Leon Huawei	Maguire, Valerie		The Siemon	Company	
Comment Type T Comment Status A bucket The "IFEC bypass indication ability" bit when set to a one one indicates that the bypass of the FEC error indication function can be bypass.	Missing oxford		tatus A		buck
uggestedRemedy Change: "This bit is set to one to indicate that the decoder has this ability to bypass error indication.",		/ GBASE-LR1 and in Clau a underline change mark			1, and in Clause154"
to:"This bit is set to one to indicate that the decoder has this ability to bypass the error indication function."	Response ACCEPT.	Response Si	atus C		
l'esponse Response Status C	C/ 80 SC 8	0.1.3	P 49	L10	# 109
ACCEPT.	Nicholl, Gary		Cisco system	าร	
1 45 SC 45.2.1.186ah.2 P41 L40 # 5	<i>Comment Type</i> Extra space be	E Comment S etween "and " and "in"	tatus A		buck
ruckman, Leon Huawei	SuggestedRemedy	/			
comment Type E Comment Status A bucke	Delete extra sp	bace.			
Inconsistent bracketing. In clause 153.2.4.1.1 the variable is indicated as: fas_lock <x></x>	Response	Response St	atus C		
uggestedRemedy Change: "fas lock[7]", to:"fas lock<7>". The same for all other 19 lanes in the following	ACCEPT.				
clauses 45.2.1.186ah.3 to 45.2.1.186ai.12.	C/ 80 SC 8	0.1.3	P 49	L14	# <u>1</u> 10
esponse Response Status C	Nicholl, Gary		Cisco system	าร	
ACCEPT IN PRINCIPLE.	Comment Type	E Comment S	tatus A		buck
Change "fas_lock[x]" to "fas_lock <x>" in clauses 45.2.1.186ah.1 to 45.2.1.186ah.9 and in clauses 45.2.1.186ai.1 to 45.2.1.186ai.12.</x>		truction states "Change n the document.	Figure 80-1 i	in 80.1.3 as follow	ws:", but there is no
1 45 SC 45.2.1.186aj P45 L16 # 6	SuggestedRemedy Import Figure 8	/ 80-1 and update accordi	ngly.		
ruckman, Leon Huawei	Response	Response St	atus C		
Comment Type TR Comment Status R Lane identification shall be separated from lane lock, so the value of lane mapping is Image: Comment Status R	ACCEPT IN PI	RINCIPLE.			
dependent on the lane identification status.	See response	to comment 51.			
uggestedRemedy					
Add the lane identification status bits to the MDIO and make the lane mapping register dependent on these bits instead of fas lock. Details of remedy are presented in contribution bruckman_3ct_01_0320.					
esponse Response Status C					
REJECT.					
See response to comment 15.					

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

C/ 80 SC 80.1.3 Page 3 of 24 4/16/2020 11:01:13 AM

CI 80	SC 80.1.3	P 49	L16	# 51	C/ 80	SC 80.1.5	P 50	L 3	# 41
Brown, Ma	att	Huawei Tech	nologies Canada	1	Trowbridg	ge, Steve	Nokia		
Comment this is	11	Comment Status A		bucket	Comment Editor	<i>t Type</i> ER r's note is incorre	Comment Status A ct		bucke
	je instruction to "Rej	place figure 80-1 with the ake the necessary change	0				0–4 after Table 80-4a as follo	ws:" to "Insert T	able80–4b after Table
Alterna "In Fig "100G <i>Response</i>	ately, change instruc ure 80-1, change th BASE-R, or 100GB,	ction to the following: e list of medium types as ASE-P, or 100GBASE-Z. Response Status C	follows:"	ke-out and underline	Response ACCE Chan	9 EPT IN PRINCIPI	Response Status C LE. 30–4 after Table 80–4a as foll	ows: "Insert Tat	ble 80–4b after Table
ACCE	PT IN PRINCIPLE.				C/ 80	SC 80.1.5	P 50	L 3	# 111
	ve existing text and CGMII as follows:	replace with "In Figure 80	-1, change the lis	st of medium types	Nicholl, G	Sary	Cisco system	s	
		ASE-P, or 100GBASE-Z."				51	Comment Status A es "Insert Table80–4 after Table 80-4b.	ble 80-4a as foll	<i>bucke</i> ows:", but the tabel
Brown, Ma			L 25 nologies Canada		S <i>uggeste</i> Upda	,	ion to read " "Insert Table80–	4b after Table 8	0-4a as follows:"
Brown, Ma Comment The C	att <i>Type</i> T lause 74 FEC is not		nologies Canada 91 it is not necess	<i>bucket</i> sary to list out the	Upda Response	te editing instruct	Response Status C	4b after Table 8	0-4a as follows:"
Brown, Ma Comment The C transc	att <i>Type</i> T lause 74 FEC is not oding as this one of	Huawei Tech Comment Status A relevant and for Clause 9	nologies Canada 91 it is not necess	<i>bucket</i> sary to list out the	Upda Response ACCE	te editing instruct	Response Status C _E.	4b after Table 8	0-4a as follows:"
Brown, Ma Comment The C transc Suggested Chang	att <i>Type</i> T lause 74 FEC is not oding as this one of <i>IRemedy</i> ge to: a 100GBASE-Z Physical	Huawei Tech Comment Status A relevant and for Clause 9	nologies Canada 91 it is not necess ng the Clause 91	<i>bucket</i> sary to list out the FEC.	Upda Response ACCE See r C/ 80	te editing instruct e EPT IN PRINCIPI response to comm SC 80.1.5	Response Status C LE. nent 41. P50	L6	0-4a as follows:" # <u>113</u>
Brown, Ma Comment The C transc Suggested Chang "Some Clause	att <i>Type</i> T lause 74 FEC is not oding as this one of <i>IRemedy</i> ge to: a 100GBASE-Z Physical a 153."	Huawei Tech Comment Status A relevant and for Clause 9 many subfunctions within	nologies Canada 91 it is not necess ng the Clause 91	<i>bucket</i> sary to list out the FEC.	Upda Response ACCE See r C/ 80 Nicholl, G Comment	te editing instruct EPT IN PRINCIPI response to comm SC 80.1.5 Gary t <i>Type</i> E	Response Status C LE. nent 41.	<i>L</i> 6 s	# [113
transc Suggested Chang "Some Clause Response	att <i>Type</i> T lause 74 FEC is not oding as this one of <i>IRemedy</i> ge to: a 100GBASE-Z Physical a 153."	Huawei Tech Comment Status A relevant and for Clause 9 many subfunctions within sical Layer devices also u	nologies Canada 91 it is not necess ng the Clause 91	<i>bucket</i> sary to list out the FEC.	Upda Response ACCE See r C/ 80 Nicholl, G Comment Table Suggeste	te editing instruct EPT IN PRINCIPI response to comm SC 80.1.5 Gary t <i>Type</i> E e 80-4b is a new t	Response Status C LE. nent 41. P50 Cisco system Comment Status A able , so there should be no u	<i>L</i> 6 s	

C/ 80 SC 80.1.5

CI 80 SC 80.1.5	P 50	L 6	# 112	CI 80 SC 80.2	4 P51	L 5	# 42
Nicholl, Gary	Cisco syste	ms		Trowbridge, Steve	Nokia		
Comment Type T	Comment Status A ing a column for Clause 135.		bucket	Comment Type E	Comment Status A is wrong given the additions in	the rest of the par	bucke
	ing a column for Clause 155.				is wrong given the additions in	the rest of the par	agraph.
SuggestedRemedy Add a column for C	2000 135			SuggestedRemedy Change the entire	noragraph to:		
Response ACCEPT.	Response Status C			Clause 83 specifie type of the corres a) Clause 94 spec	es 40GBASE-R and 100GBASE ponding rate. Additional PMAs a cifies a PMA that may be used o ecifies a PMA that may be used	are only applicable only in a 100GBAS	to specific PHY types: SE-KP4 PHY.
C/ 80 SC 80.1.5	P 50	L10	# 7		ecifies a PMA that is used in the		
Bruckman, Leon	Huawei			Response	Response Status C		
Comment Type E	Comment Status A		bucket	ACCEPT IN PRIN	ICIPLE.		
Clause 80.1.4 indica shown in Table 80-4	ates that the clause 74 FEC is Ib	optional for 100GBA	ASE-Z, but it is not	Implement the su	ggested remedy with editoral lic	ense to ensure pr	oper formatting.
SuggestedRemedy				C/ 80 SC 80.2	4 P51	L 6	# <u>5</u> 4
				Duran Marth			
Add clause 74 to ta	ble 80-4b as optional.			Brown, Matt	Huawei Te	chnologies Canad	a
	Response Status C			Comment Type E	Huawei Te <i>Comment Status</i> A nges marked in the paragraph.	chnologies Canad	
Response ACCEPT IN PRINC Clause 74 is not rel	Response Status C		nse to comment 52,	Comment Type E	Comment Status A nges marked in the paragraph.	cnnologies Canad	
Response ACCEPT IN PRINC Clause 74 is not rel	Response Status C IPLE. evant and will be removed from to add clause 74 to table 80-41		nse to comment 52, # 53	Comment Type E There are no char SuggestedRemedy Underline the last Response	Comment Status A nges marked in the paragraph. sentence. Response Status C	cnnologies Canad	a bucke
Response ACCEPT IN PRINC Clause 74 is not rel so there is no need	Response Status C IPLE. evant and will be removed from to add clause 74 to table 80-41 P50	0.		Comment Type E There are no char SuggestedRemedy Underline the last	Comment Status A nges marked in the paragraph. sentence. Response Status C	cnnologies Canad	
Response ACCEPT IN PRINC Clause 74 is not reliso there is no need C/ 80 SC 80.2.2 Brown, Matt Comment Type T	Response Status C IPLE. evant and will be removed from to add clause 74 to table 80-41 P50 Huawei Tec Comment Status A	b. L 34 hnologies Canada		Comment Type E There are no char SuggestedRemedy Underline the last Response	Comment Status A nges marked in the paragraph. sentence. <i>Response Status</i> C ICIPLE.	cnnologies Canad	
Response ACCEPT IN PRINC Clause 74 is not reliso there is no need Cl 80 SC 80.2.2 Brown, Matt Comment Type T	Response Status C IPLE. evant and will be removed from to add clause 74 to table 80-41 P50 Huawei Tec	b. L 34 hnologies Canada	# 53	Comment Type E There are no char SuggestedRemedy Underline the last Response ACCEPT IN PRIN	Comment Status A nges marked in the paragraph. sentence. Response Status C ICIPLE.	L28	
Response ACCEPT IN PRINC Clause 74 is not reliso there is no need Cl 80 SC 80.2.2 Brown, Matt Comment Type T 100GBASE-Z must SuggestedRemedy	Response Status C IPLE. evant and will be removed from to add clause 74 to table 80-41 P50 Huawei Tec Comment Status A be added to the list of PHY typ	b. L 34 hnologies Canada	# 53	Comment Type E There are no char SuggestedRemedy Underline the last Response ACCEPT IN PRIN See response to c	Comment Status A nges marked in the paragraph. sentence. Response Status C ICIPLE.	L28	bucke
Response ACCEPT IN PRINC Clause 74 is not reliso there is no need Cl 80 SC 80.2.2 Brown, Matt Comment Type T 100GBASE-Z must SuggestedRemedy	Response Status C IPLE. evant and will be removed from to add clause 74 to table 80-41 P50 Huawei Tec Comment Status A	b. L 34 hnologies Canada	# 53	Comment Type E There are no char SuggestedRemedy Underline the last Response ACCEPT IN PRIN See response to co Cl 80 SC 80.3	Comment Status A nges marked in the paragraph. sentence. Response Status C ICIPLE. comment 42.	L28	bucke # <u>114</u>
Response ACCEPT IN PRINC Clause 74 is not reliso there is no need Cl 80 SC 80.2.2 Brown, Matt Comment Type T 100GBASE-Z must SuggestedRemedy Add 100GBASE-Z t Response	Response Status C IPLE. evant and will be removed from to add clause 74 to table 80-41 P50 Huawei Tec Comment Status A be added to the list of PHY typ	b. L 34 hnologies Canada	# 53	Comment Type E There are no char SuggestedRemedy Underline the last Response ACCEPT IN PRIN See response to c C/ 80 SC 80.3 Nicholl, Gary Comment Type E	Comment Status A nges marked in the paragraph. sentence. Response Status C ICIPLE. comment 42. 2 P51 Cisco syste	L 28 ems	bucke # <u>114</u>
Response ACCEPT IN PRINC Clause 74 is not reliso there is no need Cl 80 SC 80.2.2 Brown, Matt Comment Type T 100GBASE-Z must SuggestedRemedy Add 100GBASE-Z t	Response Status C IPLE. evant and will be removed from to add clause 74 to table 80-41 P50 Huawei Tec <i>Comment Status</i> A be added to the list of PHY types.	b. L 34 hnologies Canada	# 53	Comment Type E There are no char SuggestedRemedy Underline the last Response ACCEPT IN PRIN See response to c Cl 80 SC 80.3 Nicholl, Gary Comment Type E Extra space betwee SuggestedRemedy	Comment Status A nges marked in the paragraph. sentence. Response Status C ICIPLE. comment 42. .2 P51 Cisco syste Comment Status A een 100GBASE-R and 100GBA	<i>L</i> 28 ems SE-P	bucke # <u>114</u>
Response ACCEPT IN PRINC Clause 74 is not reliso there is no need Cl 80 SC 80.2.2 Brown, Matt Comment Type T 100GBASE-Z must SuggestedRemedy Add 100GBASE-Z t Response	Response Status C IPLE. evant and will be removed from to add clause 74 to table 80-41 P50 Huawei Tec <i>Comment Status</i> A be added to the list of PHY types.	b. L 34 hnologies Canada	# 53	Comment Type E There are no char SuggestedRemedy Underline the last Response ACCEPT IN PRIN See response to c Cl 80 SC 80.3 Nicholl, Gary Comment Type E Extra space betwee SuggestedRemedy	Comment Status A nges marked in the paragraph. sentence. Response Status C ICIPLE. comment 42. 2.2 P51 Cisco syste Comment Status A	<i>L</i> 28 ems SE-P	bucke

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/ 80
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 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed Z/withdrawn
 SC 80.3.2
 4/16/2020 11:01:13 AM

 SORT ORDER: Clause, Subclause, page, line
 SC 80.3.2
 4/16/2020 11:01:13 AM

C/ 80	SC 80.3.2	P 51	L 30	# 115		C/ 80	SC 80.3.2	P 52	L1	# 116	
Nicholl, Ga	ary	Cisco system	าร			Nicholl, G	ary	Cisco system	IS		
Comment Missin	<i>Type</i> E g underline, unde	Comment Status A er space.			bucket	<i>Comment</i> There		Comment Status A iderline in editing instruction		bı	ucket
<i>Suggested</i> Chang	-	" to "Figure 80–4a, "				Suggested Remo	-	diting instruction			
esponse ACCE	PT IN PRINCIPL	Response Status C E.				Response ACCE	PT IN PRINCIP	Response Status C LE.			
See re	sponse to comm	ent 55.				See re	esponse to comr	nent 56.			
80	SC 80.3.2	P 51	L 30	# 55		CI 80	SC 80.4	P 52	L 49	# 117	
rown, Ma	att	Huawei Tech	nologies Canada			Nicholl, Ga	ary	Cisco system	IS		
o <i>mment[™]</i> Fix am	<i>Type</i> E lendment markup	Comment Status A			bucket	Comment Need	51	Comment Status A		bı	ucket
uggested	lRemedy					Suggested	Remedy				
Space	after "Figure 80-	4" should be undelined.						tion from "Change Table80–5	o (as modified by	IEEE Std 802.3cd-	
esponse ACCE	PT.	Response Status C				shown to)"	anged 40G rows not			
80	SC 80.3.2	P 52	L 1	# 56			ge Table80–5 (a s (unchanged 40	as modified by IEEE Std 802.3)G rows not	3cd-2018 and IEE	EE Std 802.3cu-xx)	as
rown, Ma	att	Huawei Tech	nologies Canada			shown)"				
omment [*] Underl	<i>Type</i> E lined text is not re	Comment Status A equired here.			bucket	Response ACCE		Response Status C			
Suggested	IRemedy					C/ 80	SC 80.4	P 52	L 50	# 57	
Remo	ve underline on "	Figure 80-4a".				Brown, Ma	att	Huawei Tech	nologies Canada		
esponse ACCE	PT.	Response Status C				Comment No ne		Comment Status A ne not-shown rows. It is suffic	ient to refer to "u		ucket
						Suggested Chang		0G rows" to "some unchange	d rows".		
						You m FEC.	ight then reduce	e the table size by deleting row	ws for MAC, PCS	, and 100GBASE-R	२
						Response ACCE	PT IN PRINCIP	Response Status C LE.			
						Chang table.	ge wording to "u	nchanged rows not shown" ar	d remove uncha	nged rows from the	
COMMEN	T STATUS: D/dis	d ER/editorial required GR patched A/accepted R/reje bclause, page, line			-		d Z/withdrawn	C/ 80 SC 80		Page 6 of 24 4/16/2020	

C/ 80	SC 80.5	P55	L1	# 45	C/ 125	SC FM	P1	L 26	# 49	
Maguire, V	/alerie	The Siemon	Company		Brown, Ma	itt	Huawei Tech	nologies Canada	<u> </u>	
Comment C Sugge Editor's	st that "skew vari	Comment Status A ation needs to be revisited, i	input requested"	<i>bucket</i> be formatted as an	Comment spelling	g	Comment Status A			bucke
Suggested	•	needs to be revisited, input	roquested" as a	- Editor's Noto	Suggested Chang	<i>Remedy</i> e "EEE" to "IE	EE"			
Response	PT IN PRINCIPL	Response Status C	requested as a	Luitor 3 Note.	Response ACCEI	PT.	Response Status C			
	sponse to comm				C/ 135A Brown, Ma	SC 135A	P 122 Huawei Tech	L 1 nologies Canada	# 71	
C/ 80 Brown, Ma	SC 80.5	P 55 Huawei Tech	L 1 nologies Canada	# 58	Comment	Туре Е	Comment Status A as carried over from 802.3cd a	-		bucke
Comment Improp	<i>Type</i> E per editor's note.	Comment Status A	J	bucket	Suggested	Remedy	tion at the top of page 122.			
Suggested Use pr	-	e by inserting editor's note th	at and include "E	ditor's note:".	Response ACCEI	PT.	Response Status C			
Response ACCEI	PT.	Response Status C			C/ 135A	SC 135A.3		L	# 72	
C/ 83C	SC 83C.4	P 120	L 8	# 70	Brown, Ma Comment		Comment Status A	nologies Canada	1	bucke
Brown, Ma	tt	Huawei Tech	nologies Canada				ould refer to the inserted subc	lause.		buono
Comment Editing	51	Comment Status A	-	bucket	Suggested	Remedy	w subclause 135A.3 at the end		as follows:"	
S <i>uggested</i> Chang		subclause 83C.4 at the end o	of Annex 83C as	follows:"	Response ACCEI	PT.	Response Status C			
Response ACCEI	Т	Response Status C			C/ 152	SC 152.1	P 59	L 33	# 60	
AUCEI	P1.				Brown, Ma	itt	Huawei Tech	nologies Canada	а	
					Comment [®] The de	51	Comment Status A erse RS-FEC is in the wrong lo	ocation in the list.		bucke
					Suggested Move o	-	verse RS-FEC to between def	initions for FEC a	and LLC.	
					Response		Response Status C			

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/
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 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed Z/withdrawn
 SC
 152.1
 4/16/2020 11:01:13 AM

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 SC
 152.1
 152.1
 152.1

C/ 152	SC 152.1	P 59	L 34	# 61	C/ 152	SC 152.5.3.4	P 66	L 38	# 8
Brown, Ma	att	Huawei Techr	nologies Canada		Bruckman	, Leon	Huawei		
Comment	Type E	Comment Status A			Comment	Туре Е	Comment Status R		
The 1	00G PMA define	d in Clause 135 is called the 1	00GBASE-P PN	1A.			e bit error ratio in the data r		
	dRemedy	Also alsoficitions list and in the last					ne BIP block error ratio by s aw the same wording in othe		
		the definition list and in the la IA" with "100GBASE-P PMA".	yer diagram for	The associated PIMA	Suggested	Remedy			
Response ACCE		Response Status C					ratio in the data received fro error ratio by a factor of 1 08		CS can be estimated b
C/ 152	SC 152.1.1	P58	L11	# 59			n the data received from the errors by a factor of 1 081 3		n be estimated by
3rown, Ma	att	Huawei Techr	nologies Canada		Response		Response Status C		
Brown, Matt Huawei Technologies Canada Comment Type T Comment Status A This new sublayer is intended in this project for support of 100GBASE-ZR which is a 100GBASE-Z PHY and might be used for 100GBASE-P PHY's as well. It could be used for 100GBASE-R PHY's. SuggestedRemedy Change sentence to: "The Inverse RS-FEC sublayer specifies a Reed-Solomon Forward Error Correction (RS-FEC) sublayer for						d, and the sugge ated by the far er e the sequence c ation converts a l uivalent bit-error f time). You can't	text to the final para of 91.5 sted remedy is technically v id PCS, and the intervening f bits over which they are c block error ratio (the numbe ratio (the estimate of the nu simply divide a count of blo at block error count was ov	wrong. The BIP v transcode/trans- alculated in the a of BIP violation mber of bit errors ock errors by a fix	alues are actually -decode steps should bsence of errors. The s over a unit of time) to s over that equivalent red value to get a BER,
	2	ASE-P, and 100GBASE-Z PH	Ys."		C/ 152	SC 152.6.4	P 75	L 8	# 9
Response		Response Status C			Bruckman	, Leon	Huawei		
ACCE	:PT.				Comment	Tvpe T	Comment Status A		
C/ 152 ₋ewis, Da	SC 152.5.1 vid	P 61 Lumentum	L 47	# 118	The "F	EC bypass indic	ation ability" bit when set to n function can be bypass. S		
omment		Comment Status A		bucket	Suggested	Remedy			
The ca	aption for Fig 152	2-2 does not say what it is a fu	inction block dia			ge: "This variable ndication.",	is set to one to indicate that	it the decoder ha	s the ability to bypass
00	<i>dRemedy</i> ge caption to "Inv	verse RS-FEC sublayer function	onal block diagra	m".		nis variable is set tion function."	to one to indicate that the o	decoder has the a	ability to bypass error
esponse		Response Status C			Response		Response Status C		
ACCE	PT.				ACCE Chang	PT IN PRINCIPL	,	it the decoder ha	s the ability to bypass
						nis variable is set ndication functior	to one to indicate that the o ."	decoder has the a	ability to bypass the

					-			
C/ 152	SC 152.6.7	P 75	L 26	# 10	CI 153 SC 153.2.	1 P82	L12	# 11
Bruckman,	Leon	Huawei			Bruckman, Leon	Huawei		
Comment 7 Missing		Comment Status A		bucket	Comment Type T fec_align_status is a	Comment Status R noisy indication		
Suggestedl	Remedy				SuggestedRemedy			
0	e: "This variable 52.5.4.3).",	assigned by the FEC alignme	ent state diagrar	m shown in Figure 91-9		status" , with: "fecl_align_indica ed in contribution bruckman_3c		s sentence. Details of
	is variable is ass 52.5.4.3)."	igned by the FEC alignment	state diagram sł	hown in Figure 91-9	Response REJECT.	Response Status C		
Response ACCEF	т	Response Status C			See response to cor	nment 15.		
ACCEF	-1.				CI 153 SC 153.2.	1 P 82	L16	# 63
C/ 152	SC 152.7	P 77	L 2	# 43	Brown, Matt	Huawei Tech	nologies Canada	a
Trowbridge Comment 7	Type ER	Nokia <i>Comment Status</i> A al "Clause 200" from the Fran	meMaker templa	ate with the actual		Comment Status D praph does not match the archi	tecture. There ar	
Comment 7 Need to clause Suggestedl Change	Type ER o replace vestigi number. <i>Remedy</i> e "Clause 200" to		·		The text in this para consider as follows. Case #1: SC-FEC c Case #2: SC-FEC c		RS-FEC, RS-FEC	e three cases to C, Clause 135 PMA, etc.
Comment 7 Need to clause Suggested Change 6, page	<i>Type</i> ER o replace vestigi number. <i>Remedy</i>	Comment Status A al "Clause 200" from the Fran o Clause 152" in the title of cl	·		The text in this para consider as follows. Case #1: SC-FEC c Case #2: SC-FEC c Case #3: SC-FEC is the PCS.	praph does not match the archi onnects directly to the PCS. onnects directly to the Inverse I	RS-FEC, RS-FE0 A then through a	e three cases to C, Clause 135 PMA, etc.
Comment 7 Need to clause Suggested Change	Type ER o replace vestigi number. Remedy e "Clause 200" to e 77 line 34.	Comment Status A al "Clause 200" from the Frar	·		The text in this para consider as follows. Case #1: SC-FEC c Case #2: SC-FEC c Case #3: SC-FEC is the PCS.	oraph does not match the archi onnects directly to the PCS. onnects directly to the Inverse F connected to a Clause 83 PM	RS-FEC, RS-FE0 A then through a	C, Clause 135 PMA, etc.
Comment 7 Need to clause Suggested/ Change 6, page Response ACCEF	Type ER o replace vestigi number. Remedy e "Clause 200" to e 77 line 34.	Comment Status A al "Clause 200" from the Fran o Clause 152" in the title of cl Response Status C	ause 152.7, and	d also on page 77 line	The text in this para consider as follows. Case #1: SC-FEC c Case #2: SC-FEC c Case #3: SC-FEC is the PCS. This paragraph show SuggestedRemedy Replace the paragra	praph does not match the archi connects directly to the PCS. connects directly to the Inverse R connected to a Clause 83 PM/ uld address both Case #2 and #	RS-FEC, RS-FE0 A then through a #3.	e three cases to C, Clause 135 PMA, etc. CAUI-4 or CAUI-10 to
Comment T Need to clause Suggested/ Change 6, page Response ACCEF C/ 153	Type ER o replace vestigi number. Remedy e "Clause 200" to e 77 line 34. PT. SC 153.1.1	Comment Status A al "Clause 200" from the Fran o Clause 152" in the title of cl Response Status C P81	lause 152.7, and	d also on page 77 line # <u>62</u>	The text in this para consider as follows. Case #1: SC-FEC c Case #2: SC-FEC c Case #3: SC-FEC is the PCS. This paragraph show SuggestedRemedy Replace the paragra "The PCS may be c	oraph does not match the archi onnects directly to the PCS. onnects directly to the Inverse I connected to a Clause 83 PM, ald address both Case #2 and #	RS-FEC, RS-FEC A then through a #3. a physical instan	tiation of the PMA
Comment 7 Need to clause Suggested/ Change 6, page Response ACCEF C/ 153 Brown, Mat	Type ER o replace vestigi number. Remedy e "Clause 200" to e 77 line 34. PT. SC 153.1.1 tt	Comment Status A al "Clause 200" from the Fran o Clause 152" in the title of cl Response Status C P81 Huawei Techt	ause 152.7, and	d also on page 77 line # <u>62</u>	The text in this para consider as follows. Case #1: SC-FEC c Case #2: SC-FEC c Case #3: SC-FEC is the PCS. This paragraph show SuggestedRemedy Replace the paragra "The PCS may be c service interface (se PMA (see Clause 83	praph does not match the archi connects directly to the PCS. connects directly to the Inverse F connected to a Clause 83 PM/ ald address both Case #2 and # ph with the following: connected to the SC-FEC using e Annex 83A, Annex 83B, Anne 3) is a client of the FEC service	RS-FEC, RS-FEC A then through a #3. a physical instan ex 83D, and Ann- interface."	tiation of the PMA ex 83E) in which case a
Comment 7 Need to clause Suggested/ Change 6, page Response ACCEF C/ 153 Brown, Mat Comment 7	Type ER o replace vestigi number. Remedy e "Clause 200" to e 77 line 34. PT. SC 153.1.1 tt	Comment Status A al "Clause 200" from the Fran to Clause 152" in the title of cl Response Status C P81 Huawei Techn Comment Status A	lause 152.7, and	d also on page 77 line # <u>62</u>	The text in this para consider as follows. Case #1: SC-FEC c Case #2: SC-FEC c Case #3: SC-FEC is the PCS. This paragraph shou SuggestedRemedy Replace the paragra "The PCS may be c service interface (se PMA (see Clause 82 "The PCS may be c service interface (se	praph does not match the archi connects directly to the PCS. connects directly to the Inverse F connected to a Clause 83 PM/ uld address both Case #2 and # ph with the following: connected to the SC-FEC using e Annex 83A, Annex 83B, Anne	RS-FEC, RS-FEC A then through a #3. a physical instan ex 83D, and Ann- interface." a physical instan G) in which case	tiation of the PMA ex 83E) in which case a
Comment 7 Need to clause Suggested/ Change 6, page Response ACCEF Cl 153 Brown, Mat Comment 7 "stairca Suggested/	Type ER o replace vestigi number. Remedy e "Clause 200" to e 77 line 34. PT. SC 153.1.1 tt Type E ase" should not b	Comment Status A al "Clause 200" from the Fran to Clause 152" in the title of cl Response Status C P81 Huawei Techn Comment Status A be capitalized.	lause 152.7, and	d also on page 77 line # <u>62</u>	The text in this para consider as follows. Case #1: SC-FEC c Case #2: SC-FEC c Case #3: SC-FEC is the PCS. This paragraph show SuggestedRemedy Replace the paragra "The PCS may be c service interface (se PMA (see Clause 82 "The PCS may be c service interface (se (see Clause 152) is Proposed Response	praph does not match the archi ponnects directly to the PCS. ponnects directly to the Inverse F connected to a Clause 83 PM/ ald address both Case #2 and # ph with the following: ponnected to the SC-FEC using e Annex 83A, Annex 83B, Anne 3) is a client of the FEC service ponnected to the SC-FEC using e Annex 135E and Annex 135C	RS-FEC, RS-FEC A then through a #3. a physical instan ex 83D, and Ann- interface." a physical instan G) in which case	tiation of the PMA ex 83E) in which case a
Comment 7 Need to clause Suggested/ Change 6, page Response ACCEF C/ 153 Brown, Mat Comment 7 "stairca Suggested/	Type ER o replace vestigi number. Remedy e "Clause 200" to e 77 line 34. PT. SC 153.1.1 tt Type E ase" should not b Remedy	Comment Status A al "Clause 200" from the Fran to Clause 152" in the title of cl Response Status C P81 Huawei Techn Comment Status A be capitalized.	lause 152.7, and	d also on page 77 line # <u>62</u>	The text in this para consider as follows. Case #1: SC-FEC c Case #2: SC-FEC c Case #3: SC-FEC is the PCS. This paragraph show SuggestedRemedy Replace the paragra "The PCS may be c service interface (se PMA (see Clause 83 "The PCS may be c service interface (se (see Clause 152) is	praph does not match the archi ponnects directly to the PCS. connects directly to the Inverse R connected to a Clause 83 PM/ and address both Case #2 and # ph with the following: connected to the SC-FEC using e Annex 83A, Annex 83B, Anne B) is a client of the FEC service connected to the SC-FEC using e Annex 135E and Annex 135C a client of the FEC service inter	RS-FEC, RS-FEC A then through a #3. a physical instan ex 83D, and Ann- interface." a physical instan G) in which case	tiation of the PMA ex 83E) in which case a

C/ 153 SC 153.2.1

	3.2.4 <i>P</i> 85	L 16	# 12	C/ 153 SC 153.2	.3.2.7	P 88	L 37	# 64
Bruckman, Leon	Huawei			Brown, Matt		Huawei Tech	nologies Canada	
Comment Type E	Comment Status A			Comment Type T	Comment S			
	arrier signal payload rate is lar ASE-ZR of course, but it will be			There is no specific FEC transmit outpu FEC receive functic	t. It would be reaso	onable to use	the same number	
SuggestedRemedy				SuggestedRemedy				
(255/227) × (3800 /	nce: "The Payload area of the S 4080) × 99.5328 Gb/s ±20 ppm			Add the following so "At the output of the than 49 ns and the	e FEC transmit fun	ction the Skev	w between FEC la	nes shall be no more
Response	Response Status C			Proposed Response	Response S			
ACCEPT.				REJECT.	Response 3			
C/ 153 SC 153.2. 3 Bruckman, Leon	3.2.4 <i>P</i> 85 Huawei	L 50	# 13	This comment was	WITHDRAWN by	the commente	er.	
Comment Type E	Comment Status A		bucket	C/ 153 SC 153.2	.3.3.1	P 88	L 41	# 15
Text needs to be fixe	ed			Bruckman, Leon		Huawei		
SuggestedRemedy				Comment Type TR	Comment S	Status R		
,	- 4 6 4 6			Comencial and internet				
-	atios of the two clock rates do r			diagram.	ification from align	ment, add ref	erence to the lane	e identification state
-	the two clock rates does not pr				ification from align	ment, add ref	erence to the lane	e identification state
-				diagram.	ncluding propossed			
to: "as the ratio of Response ACCEPT.	the two clock rates does not pr Response Status C	rovide a case whe	re."	diagram. <i>SuggestedRemedy</i> Details of remedy ir	ncluding propossed	text for this o		
to: "as the ratio of Response ACCEPT. Cl 153 SC 153.2.3	the two clock rates does not pr <i>Response Status</i> C 3.2.4 <i>P</i> 87			diagram. SuggestedRemedy Details of remedy ir bruckman_3ct_01_	ncluding propossed	text for this o		
to: "as the ratio of Response ACCEPT.	the two clock rates does not pr Response Status C	rovide a case whe	re."	diagram. SuggestedRemedy Details of remedy ir bruckman_3ct_01_ Response REJECT. Draft 1.2 is technica	ncluding propossed 0320. <i>Response S</i> ally complete with r evertheless, there o	t text for this o tatus C regard to SC-I could be merit	clause is presente FEC lane alignme t to separating the	d in contribution nt and process description
to: "as the ratio of Response ACCEPT. C/ 153 SC 153.2.3 Bruckman, Leon Comment Type E Text no clear SuggestedRemedy	the two clock rates does not pr <i>Response Status</i> C 3.2.4 <i>P</i> 87 Huawei	rovide a case whe	re."	diagram. SuggestedRemedy Details of remedy ir bruckman_3ct_01_ Response REJECT. Draft 1.2 is technica synchronization. Ne	ncluding propossed 0320. <i>Response S</i> ally complete with r evertheless, there c and lane identificati	text for this o tatus C regard to SC-I could be merit	clause is presente FEC lane alignme t to separating the ter is invited to bui	d in contribution nt and process description ild consensus for a
to: "as the ratio of Response ACCEPT. C/ 153 SC 153.2.3 Bruckman, Leon Comment Type E Text no clear SuggestedRemedy Change: "so this num	the two clock rates does not pr <i>Response Status</i> C 3.2.4 <i>P</i> 87 Huawei <i>Comment Status</i> A	rovide a case whe	re."	diagram. SuggestedRemedy Details of remedy ir bruckman_3ct_01_ Response REJECT. Draft 1.2 is technica synchronization. Ne for lane alignment a	ncluding propossed 0320. <i>Response S</i> ally complete with r evertheless, there c and lane identificati	text for this o tatus C regard to SC-I could be merit	clause is presente FEC lane alignme t to separating the ter is invited to bui	d in contribution nt and process description ild consensus for a
to: "as the ratio of Response ACCEPT. Cl 153 SC 153.2.3 Bruckman, Leon Comment Type E Text no clear SuggestedRemedy Change: "so this num	the two clock rates does not pr <i>Response Status</i> C 3.2.4 <i>P</i> 87 Huawei <i>Comment Status</i> A mber are transmitted",	rovide a case whe	re."	diagram. SuggestedRemedy Details of remedy ir bruckman_3ct_01_ Response REJECT. Draft 1.2 is technica synchronization. Ne for lane alignment a	ncluding propossed 0320. <i>Response S</i> ally complete with r evertheless, there c and lane identificati	text for this o tatus C regard to SC-I could be merit	clause is presente FEC lane alignme t to separating the ter is invited to bui	d in contribution nt and process description ild consensus for a

C/ 153 SC 153.2.3.3.1

C/ 153 SC 153.2.3.3.1 P88 L46 # 65	C/ 153 SC 153.2.3.3.6 P89 L43 # 17
Brown, Matt Huawei Technologies Canada	Bruckman, Leon Huawei
Comment Type T Comment Status A	Comment Type TR Comment Status R
The "support" of Skew and Skew Variation is ambiguous. Presumable this means tolerance of Skew and Skew Variation. Also, the numbers are still TBD; it would be reasonable to use the same numbers used for the RS-FEC receive function (see Table 80-6 and Table 80-7).	There should be an indication to the upper layer if block lock is not achieved, but according to clause 153.2.1 the SIGNAL_OK parameter of the FEC:IS_SIGNAL.indication depends only on the FEC alignment indication.
SuggestedRemedy	SuggestedRemedy
Change the sentence to: "The FEC receive function shall tolerate a maximum Skew of 180 ns between FEC lanes and a maximum Skew Variation of 4 ns between PMA lanes."	Add the clause 82.2.19.2.2 rx_blobk_lock indication to the SIGNAL_OK parameter defined in 153.2.1. Details of remedy including propossed text for this clause is presented in contribution bruckman_3ct_01_0320.
Response Response Status C	Response Response Status C
ACCEPT.	REJECT.
C/ 153 SC 153.2.3.3.5 P89 L34 # 16	See response to comment 15.
Bruckman, Leon Huawei	C/ 153 SC 153.2.4.1.1 P90 L12 # 19
Comment Type T Comment Status A	Bruckman, Leon Huawei
Since OTN devices may be used to implement the 100GBASE-ZR, and these devices	Comment Type TR Comment Status R
support Cm values other than 188 and 189, there may be failure cases in which the GMP receiver receives values that are different from the ones in Table 153-1. What should the GMP demmaper do in this case ? Also what is expected the GMP demapper to do if	New variables are needed according to the update of the deskew state diagram propossed in bruckman_3ct_01_0320.
DI=II=1 ?	SuggestedRemedy
On the other hand, there may be implementations based on OTN receivers that will be able to handle the situation, but there may also be 100GBASE-ZR targeted reduced functionality implementations that only accept the values specified in Table 153-1.	Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Details o remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320.
SuggestedRemedy	Response Response Status C
Add the following sentence: "If a C13:C0 value other than 188 or 189, or DI=1 and II=1 is received, the GMP demapper behavior is undefined."	REJECT.
Response Response Status C	See response to comment 15.
ACCEPT IN PRINCIPLE. Implement the proposed resolution.	C/ 153 SC 153.2.4.1.1 P90 L12 # 20
	Bruckman, Leon Huawei
There is no harm in adding this sentence, although while the GMP mechanism is generic, there is no standardized mapping of a client other than 100GBASE-R directly into OPU4 via	Comment Type TR Comment Status R
GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values)	A new variable is needed for the SIGNAL OK indication state diagram propossed in bruckman_3ct_01_0320.
	SuggestedRemedy
	Add the following variable: fec_align_indication. Details of remedy including propossed text for this variable is presented in contribution bruckman_3ct_01_0320.
	Response Response Status C
	REJECT.
	See response to comment 15.

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COMMENT STATUS: D/dispatched A/accepted R/rejected	RESPONSE STATUS: O/open W/written C/closed Z/withdrawn	SC 153.2.4.1.1	4/16/2020 11:01:13 AM					
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	I.1 P 90	L12	# 18	C/ 153	SC 153.2.4.1	I.1 P90	L 29	# 23
Bruckman, Leon	Huawei			Bruckman, L	eon	Huawei		
Comment Type TR	Comment Status R			Comment Ty	pe TR	Comment Status R		
	ded according to the state dia n from the alignment process		d for the lane			be updated according to the in from the alignment proces		ropossed for the lane
SuggestedRemedy				SuggestedRe	emedy			
0	bles: fecl_valid and lane_id_ ext for these variables is prese		, , , , , , , , , , , , , , , , , , ,		f remedy inclu n_3ct_01_032	uding propossed text for this 20.	variable is presei	nted in contribution
				Response		Response Status C		
Response REJECT.	Response Status C			REJECT				
REJECT.				See resp	onse to comr	nent 15.		
See response to comm	1ent 15.			C/ 153	SC 153.2.4.1	I.1 <i>P</i> 90	L 4 1	# 24
C/ 153 SC 153.2.4.1	I.1 P 90	L19	# 21	Bruckman, L		Huawei	241	# 24
Bruckman, Leon	Huawei			Comment Ty		Comment Status R		
Comment Type TR	Comment Status R					updated according to the stat	e diagrams prop	ossed for the lane
In the new state diagra	am described in bruckman_3c	ct_01_0320 there	is no need for			n from the alignment proces		
fas_match.				SuggestedRe	emedy			
SuggestedRemedy Remove fas_match					f remedy inclu n_3ct_01_032	uding propossed text for this 20.	variable is presei	nted in contribution
Response	Response Status C			Response		Response Status C		
, REJECT.				REJECT				
See response to comm	nent 15.			See resp	onse to comr	nent 15.		
C/ 153 SC 153.2.4.1	I.1 P90	L 22	# 22	C/ 153	SC 153.2.4.2	2 P 91	L15	# 25
Bruckman, Leon	Huawei			Bruckman, L	eon	Huawei		
Comment Type TR	Comment Status R			Comment Ty	pe TR	Comment Status R		
51	updated according to the state n from the alignment process		ossed for the lane	In the ne FAS_CO	w state diagra MPARE funct	am described in bruckman_3 tion.	ct_01_0320 there	e is no need for the
				SuggestedRe	emedy			
			tad in contribution	Remove	the FAS_COI	MPARE function		
identification separatio SuggestedRemedy Details of remedy inclu	uding propossed text for this v 20.	ariable is presen		Deenenee				
identification separatio SuggestedRemedy Details of remedy inclu bruckman_3ct_01_032	20.	variable is preser.		Response		Response Status C		
identification separatio SuggestedRemedy Details of remedy inclu		variable is preser		<i>Response</i> REJECT		Response Status C		

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
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 SORT ORDER: Clause, Subclause, page, line
 SC
 153.2.4.2
 4/16/2020 11:01:13 AM

C/ 153	SC 153.2.4.3	P 91	L 27	# 26	C/ 153	SC 153.2.4.4	4 P 9 1	L 35	# 29
ruckman,	Leon	Huawei			Bruckmar	n, Leon	Huawe	ei	
	counter is needed	Comment Status R d for the alignmnet loss state to keep the FAS position du			fec_a	SIGNAL_OK para lign_status.	Comment Status meter of the FEC:IS_S	GIGNAL.indication priv	-
SuggestedF Add the	2	er: fas_in_counter. Details of	f remedy includir	g propossed text for	pre-F	EC high BER. Ac	se if any lane looses al cording to the text in the text is the text in the text in the text is the text in the text in the text is the text is the text in the text in the text in the text is the text is the text in the text in the text is the text is the text in the text in the text is the text is the text in the text is the t		be impaired frequently.
	inter is presented	d in contribution bruckman_3	3ct_01_0320.		Suggeste Add a	,	agram for the fec align	status variable. Det	ails of remedy including
Response REJEC	т	Response Status C					presented in contribution		
REJEC	1.				Response		Response Status	с	
See res	sponse to comme	ent 15.			REJE	ECT.			
C/ 153	SC 153.2.4.3	P 91	L 27	# 28	See r	esponse to comn	nent 15.		
Bruckman,		Huawei			C/ 153	SC 153.2.4.4	1 P 92	L13	# 87
omment T		Comment Status R		and the	Maniloff, I	Eric	Ciena		
	an_3ct_01_0320	ed for the SIGNAL OK state	diagram proposs	sea in	Comment	51	Comment Status		<i>bucket</i> side of the block diagram
includin	e following counter	ers: align_ok_count and aligr t for these counters is preser	n_bad_count. De nted in contributi	atails of remedy on	Suggeste	-			
Response REJEC		Response Status C				EPT IN PRINCIPI			AS_COMPARE to COMP
See res	ponse to comme	ent 15.			C/ 153	SC 153.2.4.4	1 P 92	L 14	# 88
2/ 153	SC 153.2.4.3	P 91	L 27	# 27	Maniloff, I	Eric	Ciena		
Bruckman,	Leon	Huawei			Comment	51	Comment Status	Α	bucket
omment T	ype TR	Comment Status R			FAS_	COMPAR is a ty	ро		
	unters are neede an_3ct_01_0320	ed for the lane identification s).	state diagram pro	opossed in	Suggeste chang		R to FAS_COMPARE		
SuggestedF	Remedy				Response	9	Response Status	с	
		ers: fecl_ok_count and fecl_l counters is presented in co			ACCE	EPT.			
Response		Response Status C							
REJEC	Т.								
See res	sponse to comme	ent 15.							
YPF· TR/t	echnical required	ER/editorial required GR/	deneral required	T/technical F/editorial G	/general			C/ 153	Page 13 of 24
	•	ER/editorial required GR/goatched A/accepted R/rejection			0	d Z/withdrawn		C/ 153 SC 153	

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

4/16/2020 11:01:14 AM

C/ 153 SC 153.2.4.4 P92	L 47	# 30	C/ 153		153.2.4.4	P 93	L 3	# 32
Bruckman, Leon Huawei			Bruckman	, Leon		Huawei		
Comment Type TR Comment Status R			Comment		TR	Comment Status A		
New state diagrams are needed to separate the lane ide	entification fro	om the alignment	fec_er	nable_d	eskew is n	ot defined		
process.			Suggestea	Remea	ly			
uggestedRemedy	0 1 01 1							enables and disables the
New state diagrams are presented in contrbution bruckr	nan_3ct_01_0	0320				ignment start shall be n ew is enabled and set t		ec_align_status is false. It
Response Response Status C			13 301 1					
REJECT.								ition in 91.5.4.2.1, without
See response to comment 15.				0		rded during the deskew equent synchronization	•	
7 153 SC 153.2.4.4 P93	L 3	# 31	Response			Response Status C		
Bruckman, Leon Huawei					PRINCIPLE			
Comment Type TR Comment Status A						ew as follows: "A boole process. Data may be		ndicates the enabling and
Several issues with the SC-FEC deskew state diagram:	fasalign stat	us and all fas valid				abled. False when des		
are not defined, fec_enable_deskew is always false.							IENT, change "fe	ec_enable_deskew<=false
uggestedRemedy					e_deskew	<=true		
A updated SC-FEC deskew state diagram is presented	in contrbution	1	C/ 153	SC	153.2.5	P 94	L10	# <u>3</u> 6
bruckman_3ct_01_0321			Bruckman	, Leon		Huawei		
Response Response Status C			Comment	Туре	TR	Comment Status R		
ACCEPT IN PRINCIPLE.			Lane i	dentific	ation shall	be separated from lane	lock, add the lar	e identification status.
In Figure 153-8, change fasalign_status to all_locked, a	nd change all	_fas_valid to	Suggestea	Remed	ly			
fec_alignment_valid (4 occurrences).						on row to Table 153-2 a n bruckman_3ct_01_03		ow. Details of remedy are
			Response			Response Status C		
			REJEC	CT.				
			Soo ro		to comme	ont 15		

C/ 153 SC 153.2.5

C/ 153 SC 153.2.5.	2 P93	L39	# 33	C/ 153 SC 153.3.1	P 94	L 48	# 37
Bruckman, Leon	Huawei			Bruckman, Leon	Huawei		
Comment Type E	Comment Status A		bucket	Comment Type E	Comment Status A		
Text not clear					y sends 20 parallel bit streams allel bit streams from the PMA		E-ZR PMA sublayer,
SuggestedRemedy				SuggestedRemedy		Sublayer.	
Change: "An uncorrec	ted FEC codeword is a codew	vord contains erro	ors",		ence: "SC-FEC continuously se	ends " add [.] "Like	wise the 100GBASE
to: "An uncorrected F	EC codeword is a codeword th	nat contains error	s"		ntinuously sends 20 parallel bi		
Response	Response Status C			Response	Response Status C		
ACCEPT.				ACCEPT IN PRINCI			
C/ 153 SC 153.2.5.	3 P 94	L 1	# 34		e paragraph "Likewise the 1000 streams to the SC-FEC sublay		
Bruckman. Leon	Huawei	L I	T OT		Gb/s ±20 ppm (~5.59049868 0		5 5
Comment Type TR	Comment Status R			C/ 153 SC 153.3.2	<i>P</i> 96	L 0	# 60
				0/153 30 153.3.4	r 90	LU	# 66
51	idity MDIO control vailables ar	re needed for the	lane identification	Brown, Matt		nologies Canada	
51	idity MDIO control vailables ar	re needed for the	lane identification			-	
Lane identification val separation from the a SuggestedRemedy	idity MDIO control vailables ar lignment process. tification status 1 and 2 regist			Brown, Matt Comment Type T Skew tolerance and end to end skew. No however, the stack fo	Huawei Tech	nnologies Canada r the PMA, but an IYs we would sim	e essential budgeting ply refer back to 80.5
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider bruckman_3ct_01_03	idity MDIO control vailables ar lignment process. tification status 1 and 2 regist			Brown, Matt Comment Type T Skew tolerance and end to end skew. No however, the stack for ways.	Huawei Tech <i>Comment Status</i> D generation are not specified for rmally, for new 100GBASE PH	nnologies Canada r the PMA, but an IYs we would sim	e essential budgeting ply refer back to 80.5
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider	idity MDIO control vailables ar lignment process. ntification status 1 and 2 regist 20			Brown, Matt <i>Comment Type</i> T Skew tolerance and end to end skew. No however, the stack for ways. <i>SuggestedRemedy</i>	Huawei Tech Comment Status D generation are not specified for rmally, for new 100GBASE PH or 100GBASE-ZR is a bit different	nologies Canada r the PMA, but au IYs we would sim ent and the PMA	e essential budgeting ply refer back to 80.5 is different in various
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider bruckman_3ct_01_03 Response	idity MDIO control vailables ar ignment process. ntification status 1 and 2 regist 20 <i>Response Status</i> C			Brown, Matt <i>Comment Type</i> T Skew tolerance and end to end skew. No however, the stack for ways. <i>SuggestedRemedy</i>	Huawei Tech Comment Status D generation are not specified for rmally, for new 100GBASE PH or 100GBASE-ZR is a bit different n a similar way as for 100GBAS	nologies Canada r the PMA, but au IYs we would sim ent and the PMA	e essential budgeting ply refer back to 80.5 is different in various
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider bruckman_3ct_01_03 Response REJECT. See response to com	idity MDIO control vailables ar lignment process. tification status 1 and 2 regist 20 <i>Response Status</i> C ment 15.	iers, as detailed i	n contribution	Brown, Matt Comment Type T Skew tolerance and end to end skew. No however, the stack for ways. SuggestedRemedy Define skew points in	Huawei Tech Comment Status D generation are not specified for rmally, for new 100GBASE PH or 100GBASE-ZR is a bit different n a similar way as for 100GBAS	nologies Canada r the PMA, but au IYs we would sim ent and the PMA	e essential budgeting ply refer back to 80.5 is different in various
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider bruckman_3ct_01_03 Response REJECT. See response to com Cl 153 SC 153.2.5.	idity MDIO control vailables ar lignment process. tiffication status 1 and 2 regist 20 <i>Response Status</i> C ment 15. 3 <i>P</i> 94			Brown, Matt <i>Comment Type</i> T Skew tolerance and end to end skew. No however, the stack fe ways. <i>SuggestedRemedy</i> Define skew points in provided with backgr	Huawei Tech Comment Status D generation are not specified for rmally, for new 100GBASE PH or 100GBASE-ZR is a bit differ n a similar way as for 100GBAS ound and proposals.	nologies Canada r the PMA, but au IYs we would sim ent and the PMA	e essential budgeting ply refer back to 80.5 is different in various
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider bruckman_3ct_01_03 Response REJECT. See response to com C/ 153 SC 153.2.5. Bruckman, Leon	idity MDIO control vailables ar lignment process. tification status 1 and 2 regist 20 <i>Response Status</i> C ment 15. 3 <i>P</i> 94 Huawei	iers, as detailed i	n contribution	Brown, Matt Comment Type T Skew tolerance and end to end skew. No however, the stack fe ways. SuggestedRemedy Define skew points in provided with backgr Proposed Response REJECT.	Huawei Tech <i>Comment Status</i> D generation are not specified for rmally, for new 100GBASE PH or 100GBASE-ZR is a bit differ a similar way as for 100GBAS ound and proposals. <i>Response Status</i> Z	nnologies Canada r the PMA, but ar IYs we would sim ent and the PMA SE-R/P in 80.5. A	e essential budgeting ply refer back to 80.5 is different in various
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider bruckman_3ct_01_03 Response REJECT. See response to com Cl 153 SC 153.2.5. Bruckman, Leon Comment Type TR	idity MDIO control vailables ar lignment process. tiffication status 1 and 2 regist 20 <i>Response Status</i> C ment 15. 3 <i>P</i> 94	iers, as detailed in	n contribution # <u>35</u>	Brown, Matt Comment Type T Skew tolerance and end to end skew. No however, the stack fe ways. SuggestedRemedy Define skew points in provided with backgr Proposed Response REJECT.	Huawei Tech Comment Status D generation are not specified for rmally, for new 100GBASE PH or 100GBASE-ZR is a bit differ n a similar way as for 100GBAS ound and proposals.	nnologies Canada r the PMA, but ar IYs we would sim ent and the PMA SE-R/P in 80.5. A	e essential budgeting ply refer back to 80.5 is different in various
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider bruckman_3ct_01_03 Response REJECT. See response to com C/ 153 SC 153.2.5. Bruckman, Leon Comment Type TR	idity MDIO control vailables ar lignment process. attification status 1 and 2 regist 20 <i>Response Status</i> C ment 15. 3 <i>P</i> 94 Huawei <i>Comment Status</i> R	iers, as detailed in	n contribution # <u>35</u>	Brown, Matt Comment Type T Skew tolerance and end to end skew. No however, the stack fe ways. SuggestedRemedy Define skew points in provided with backgr Proposed Response REJECT.	Huawei Tech <i>Comment Status</i> D generation are not specified for rmally, for new 100GBASE PH or 100GBASE-ZR is a bit differ a similar way as for 100GBAS ound and proposals. <i>Response Status</i> Z	nnologies Canada r the PMA, but ar IYs we would sim ent and the PMA SE-R/P in 80.5. A	e essential budgeting ply refer back to 80.5 is different in various
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider bruckman_3ct_01_03 Response REJECT. See response to com Cl 153 SC 153.2.5. Bruckman, Leon Comment Type TR SC-FEC align status s SuggestedRemedy Replace fec_align_sta	idity MDIO control vailables ar lignment process. attification status 1 and 2 regist 20 <i>Response Status</i> C ment 15. 3 <i>P</i> 94 Huawei <i>Comment Status</i> R	ters, as detailed in <i>L</i> 8 ec alignment indic _align_indication	n contribution # <u>35</u>	Brown, Matt Comment Type T Skew tolerance and end to end skew. No however, the stack fe ways. SuggestedRemedy Define skew points in provided with backgr Proposed Response REJECT.	Huawei Tech <i>Comment Status</i> D generation are not specified for rmally, for new 100GBASE PH or 100GBASE-ZR is a bit differ a similar way as for 100GBAS ound and proposals. <i>Response Status</i> Z	nnologies Canada r the PMA, but ar IYs we would sim ent and the PMA SE-R/P in 80.5. A	e essential budgeting ply refer back to 80.4 is different in various
Lane identification val separation from the a SuggestedRemedy Add SC-FEC line ider bruckman_3ct_01_03 Response REJECT. See response to com Cl 153 SC 153.2.5. Bruckman, Leon Comment Type TR SC-FEC align status s SuggestedRemedy Replace fec_align_sta	idity MDIO control vailables ar ignment process. tification status 1 and 2 regist 20 <i>Response Status</i> C ment 15. 3 <i>P</i> 94 Huawei <i>Comment Status</i> R shall be driven by the stable fe atus with the new variable fec_	ters, as detailed in <i>L</i> 8 ec alignment indic _align_indication	n contribution # <u>35</u>	Brown, Matt Comment Type T Skew tolerance and end to end skew. No however, the stack fe ways. SuggestedRemedy Define skew points in provided with backgr Proposed Response REJECT.	Huawei Tech <i>Comment Status</i> D generation are not specified for rmally, for new 100GBASE PH or 100GBASE-ZR is a bit differ a similar way as for 100GBAS ound and proposals. <i>Response Status</i> Z	nnologies Canada r the PMA, but ar IYs we would sim ent and the PMA SE-R/P in 80.5. A	a re essential budgetin ply refer back to 80. is different in various

C/ 153 SC 153.3.2

C/ 153 SC 153.3.2	2.2.2 P95	L 50	# 38	C/ 154 SC 7.2	P 111	L11	# 97
Bruckman, Leon	Huawei			DeAndrea, John	Finisar II-VI		
Comment Type E	Comment Status A		bucket	Comment Type T	Comment Status A		
Text not clear				TBD value for receiv	/er damage threshold.		
SuggestedRemedy				SuggestedRemedy			
stream of DQPSK sy	the two lanes of the four-lane in			km link. Total ampli power is realized. O receiver without a D	48 channel system can have 48 fied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usi er damage threshold.	ower, 48 channel e, and this total p	ls, 17.8 dBm total power is applied to a
Response	Response Status C			Response	Response Status C		
ACCEPT.				ACCEPT IN PRINC	IPLE.		
C/ 154 SC 6	P107	L 25	# 96		ssed in comment 77 however is		to cover
DeAndrea, John	Finisar II-VI			misconnections from	n inside the black link directly int	to the receiver.	

Comment Type	Е	Comment Status R	
Commone Type			

This sentence is unclear, "However, it does not enable interoperability at multichannel points between the optical multiplexer and demultiplexer that are likely to be included in the black link" What are multichannel points? If a single channel is only supported through one transfer characteristics, then mentioning interoperability through multichannel points is not needed.

SuggestedRemedy

Drop sentaence.

Response Response Status C

REJECT.

The quoted sentence refers to an essential characteristic of the black link, that it contains points where more than one channel is present in the fiber and that at those points the interoperability is not supported by the specification.

C/ 154	SC 8.1	P 110	L 52	# 98
DeAndrea, J	lohn	Finisar II-VI		

Comment Type T Comment Status D

Specific test patterns are not required, based on Clause 153.2.3.2.5 SC-FEC encoder, and Clause 153.2.3.2.6 Scrambler for dual polarization optical signals. The scrambler and dual carrier channels provide enogh randomization for optical signal parameter messurment and compliance.

SuggestedRemedy

Modify 154.8.1 to: "Compliance is to be achieved in normal operation, and Clause 153.2.3.2.5 SC-FEC encoder, and Clause 153.2.3.2.6 Scrambler, provide a sufficient pseudo random signal for transmit parameter measurments."

Proposed Response Response Status Z

REJECT.

This comment was WITHDRAWN by the commenter.

C/ 154 SC 8.1

7 154 SC 8.1	P 112	L 6	# 90	C/ 154 SC 8.2	P 112	L 33	# 93
)eAndrea, John	Finisar II-VI			DeAndrea, John	Finisar II-VI		
Comment Type E "Any of the test patte that test." is not need	Comment Status D rns given for a particular test in T	able 154-12 n	nay be used to perform	<i>Comment Type</i> E eliminate sentance.	Comment Status D		
uggestedRemedy Remove sentance				SuggestedRemedy eliminate sentance "T 154-12."	he transmitter is modulated usi	ng the test patt	ern defined in Table
roposed Response REJECT.	Response Status Z			Proposed Response REJECT.	Response Status Z		
This comment was W	/ITHDRAWN by the commenter.			This comment was W	ITHDRAWN by the commenter		
if 154 SC 8.1 DeAndrea, John Domment Type E TBD not required	P 112 Finisar II-VI Comment Status D	L16	# 91	Cl 154 SC 8.3 DeAndrea, John Comment Type E	P 112 Finisar II-VI Comment Status D	L 38	# 94
uggestedRemedy Eliminate TBD roposed Response	Response Status Z			Modify S <i>uggestedRemedy</i> Change to: "The avera	age optical power is measured p	per the test set	up in Figure 53-6."
REJECT. This comment was W	, /ITHDRAWN by the commenter.			Proposed Response REJECT. This comment was W	Response Status Z		
154 SC 8.1	P 112	L19	# 92				
eAndrea, John omment Type E Consider dropping tal	Finisar II-VI <i>Comment Status</i> D ble			Cl 154 SC 9.1 DeAndrea, John Comment Type E Modify sentence	P 114 Finisar II-VI Comment Status R	L 51	# 95
uggestedRemedy Drop table since a sp	ecific pattern is not required for t	esting transmi	tter characteristics.	SuggestedRemedy			
roposed Response REJECT.	Response Status Z			Change to: "whether o <i>Response</i> REJECT.	coupled into a fiber or from an o <i>Response Status</i> C	pen MDI active	e output"
This comment was W	/ITHDRAWN by the commenter.			No evidence / descrip inappropriate.	tion has been provided why the is completely consistent with si		-

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: Clause, Subclause, page, line

C/ 154 SC 9.1 Page 17 of 24 4/16/2020 11:01:14 AM

C/ 154	SC 154.3.2	P 102	L 48	# 73	C/ 154	SC 154.5.2	P 104	L 44	# 67
Stassar, F	Peter	Huawei			Brown, Ma	tt	Huawei Techi	nologies Canada	1
that th each a	for skew at SP2, Si here is no skew van at 50 Gb/s	Comment Status A P3, SP4 and SP5 needs a v riation need to be removed b			tx_sym referen	ange made in D1.2 bol parameter. Alth ce here is somewh	Comment Status A is incorrect. It is a stream lough tx_symbol is earlier at mysterious.		
Repla 400 ps Variat less th servic the Sk	s.The Skew at SP3 ion at SP3 shall be han 134 ns and the e interface is phys	at SP2 is limited to 43 ns and 3 (the transmitter MDI) shall e less than 600 ps. The Skev e Skew Variation at SP4 sha sically instantiated so that the e less than 145 ns and the S	be less than 54 w at SP4 (the re Il be less than 3 e Skew at SP5 c	ns and the Skew ceiver MDI) shall be 4 ns. If the PMD an be measured, then	"The P the PM interfac PMD:IS optical transm	e 154.5.2. to the fol MD Transmit functi D service e messages PMD: 5_UNITDATA_1.rev signals on orthogo it optical	on shall convert the two D IS_UNITDATA_0.request(quest(tx_symbol) into two nal polarizations and delive	(tx_symbol) and DQPSK	
	EPT IN PRINCIPLE	Response Status C E. emedy with editoral license.			The PM	<pre>< optical signals as</pre>	e. rom each tx_symbol parar specified in Table 154-4. Response Status C	meter to phase c	hanges to each of the
	lition remove sente	ence "The measurements of	Skew and Skew	Variation are defined	ACCE	PT IN PRINCIPLE.			
in TBI freque	D with the exception	on that the measurement clo ridth is TBD MHz." Also rem i0.5.			reques PMD:IS	ted by the PMD set S_UNITDATA_0.ret	nsmit function shall conver vice interface messages quest(tx_symbol) and PM	D:IS_UNITDATA	A_1.request(tx_symbol)
in TBI freque related	D with the exceptio ency corner bandw	idth is TBD MHz." Also rem			reques PMD:IS into two accord	ted by the PMD set S_UNITDATA_0.ret D DQPSK optical siting to the transmit of	vice interface messages quest(tx_symbol) and PM gnals on orthogonal polari optical specifications in thi	D:IS_UNITDATA zations and be d s clause.	1.request(tx_symbol) lelivered to the MDI, all
in TBI freque	D with the exception ency corner bandw d editor's note in 8 SC 154.5.2	vidth is TBD MHz." Also rem 0.5.	ove associated	editor's note and	reques PMD:IS into two accord The PM	ted by the PMD set S_UNITDATA_0.ret D DQPSK optical sit ing to the transmit //D maps symbols f	vice interface messages quest(tx_symbol) and PM gnals on orthogonal polari optical specifications in thi rom each tx_symbol parar	D:IS_UNITDATA zations and be d s clause. meter to phase c	1.request(tx_symbol) lelivered to the MDI, all
in TBI freque related Cl 154 Bruckman Comment	D with the exception ency corner bandw d editor's note in 8 SC 154.5.2 n, Leon	ridth is TBD MHz." Also rem 10.5. P 104	ove associated	editor's note and	reques PMD:IS into two accord The PM	ted by the PMD set S_UNITDATA_0.ret D DQPSK optical sit ing to the transmit //D maps symbols f	vice interface messages quest(tx_symbol) and PM gnals on orthogonal polari optical specifications in thi	D:IS_UNITDATA zations and be d s clause. meter to phase c	1.request(tx_symbol) lelivered to the MDI, all
in TBL freque related CI 154 Bruckmar Comment Text n Suggested	D with the exception ency corner bandwidd editor's note in 8 SC 154.5.2 h, Leon <i>Type</i> E not clear dRemedy	ridth is TBD MHz." Also rem i0.5. P 104 Huawei <i>Comment Status</i> A	ove associated	# <u>39</u>	reques PMD:IS into two accord The PM	ted by the PMD set S_UNITDATA_0.ret D DQPSK optical sit ing to the transmit //D maps symbols f	vice interface messages quest(tx_symbol) and PM gnals on orthogonal polari optical specifications in thi rom each tx_symbol parar	D:IS_UNITDATA zations and be d s clause. meter to phase c	1.request(tx_symbol) lelivered to the MDI, all
in TBL freque related C/ 154 Bruckmar Comment Text n Suggested Chang reque PMD:I	D with the exception ency corner bandwid d editor's note in 8 SC 154.5.2 n, Leon Type E not clear dRemedy ge: "The PMD Transited by the PMD s	ridth is TBD MHz." Also rem 10.5. P104 Huawei Comment Status A Insmit function shall convert to service interface messages F request into two DQPSK opti	ove associated <i>L</i> 41 he two DQPSK PMD:IS_UNITDA	symbol streams	reques PMD:IS into two accord The PM	ted by the PMD set S_UNITDATA_0.ret D DQPSK optical sit ing to the transmit //D maps symbols f	vice interface messages quest(tx_symbol) and PM gnals on orthogonal polari optical specifications in thi rom each tx_symbol parar	D:IS_UNITDATA zations and be d s clause. meter to phase c	1.request(tx_symbol) lelivered to the MDI, all
in TBL freque related Cl 154 Bruckman Comment Text n Suggested Chang reque PMD:1 and do to: "Th by the PMD:1	D with the exception ency corner bandwidd editor's note in 8 SC 154.5.2 h, Leon Type E not clear dRemedy ge: "The PMD Transited by the PMD service inter elivered to the MD	ridth is TBD MHz." Also rem 10.5. P104 Huawei Comment Status A nsmit function shall convert t service interface messages F request into two DQPSK opti I,", function shall convert the two rface messages PMD:IS_UN request into two DQPSK opti	he two DQPSK MD:IS_UNITDA ical signals on o	editor's note and # <u>39</u> symbol streams TA_0.request to rthogonal polarizations of streams requested lest to	reques PMD:IS into two accord The PM	ted by the PMD set S_UNITDATA_0.ret D DQPSK optical sit ing to the transmit //D maps symbols f	vice interface messages quest(tx_symbol) and PM gnals on orthogonal polari optical specifications in thi rom each tx_symbol parar	D:IS_UNITDATA zations and be d s clause. meter to phase c	_1.request(tx_symbol lelivered to the MDI, al

ACCEPT IN PRINCIPLE. See resolution to comment #67

> C/ 154 SC 154.5.2

Brown, Matt	P105	L 39	# 68	C/ 154	SC 154.5.4	P106	6 <i>L</i> 6	# 74	
	Huawei Techr	nologies Canada		Stassar, F	eter	Huawe	i		
rx_symbol parameter. A	Comment Status A .2 is incorrect. It is a stream Ithough rx_symbol is earlier	defined in the ref	erenced 116.3, its	to ach	or Signal_Detection	Comment Status It Fail needs a value. Co up to at least 80 km on t	onsidering that this Cl the basis of an optica	Ily amplified black li	ink it
"and" not "to".	what mysterious. The list of p	primitives is two s	o connector should be			e common average powe wer threshold may be n		and add a nole lhal	IOF
uggestedRemedy				Suggestee	Remedy				
	5.3 to: ion shall convert the compos	site optical signal	received from the		ce TBD by "-30' sary to use a lo	' and add a note "for app wer value".	plications on unampli	fied links it may be	
MDI into two DQPSK symbol streams PMD:IS UNITDATA	s for delivery to the PMD ser	rvice interface usi	ng the messages	Response ACCE	PT IN PRINCIF	Response Status (C		
0.indication(rx_symbol) the receive optical spec			,. 0	Repla	ce TBD by "-30				
	se changes on each of the I ter as specified in Table 154		jnals to symbols on	C/ 154	SC 154.5.4	P106	6 <i>L</i> 9	# 46	
esponse	Response Status C			Maguire, Y	/alerie	The Sie	emon Company		
ACCEPT IN PRINCIPLE	, <u>=</u> .			Comment	Туре Е	Comment Status	R		Bucket
Change to:				Shoul	d "(compliant 10	00GBASE-R)]" be on the	e same line as "AND"	?	
	tion shall convert the compo mbol streams for delivery to			Suggestee	Remedy				
messages PMD:IS UNI			intenace using the	00	-	arriage return or correct	t as needed.		
0.indication(rx_symbol)	and PMD:IS_UNITDATA_1.i	indication(rx_sym	bol), all according to	Response		Response Status			
the receive optical speci	ifications in this clause. se changes on each of the r	retrieved DOPSK	signals to symbols on	REJE			0		
	ter as specified in Table 154		signals to symbols on	I LUL	011				
		6 1 1 1			0	are in place to clearly ide		are operated on by t	he
and the last sentence of		ge of the retrieved	DQPSK signals to	AND	. It is also cons	sistent with preceeding of	clauses.		
and the last sentence of "Table 154-4 shows the	mapping of the phase changestreams for delivery to the Pl	MD service interfa	1Ce "						
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s	mapping of the phase chang streams for delivery to the PI	MD service interfa	ace."	C/ 154	SC 154.5.4	P106	6 L20	# 75	
and the last sentence of "Table 154-4 shows the	mapping of the phase chan streams for delivery to the Pl	MD service interfa	ace."	<i>Cl</i> 154 Stassar, F		Huawe	i	# 75	
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s With editorial license.	mapping of the phase chang streams for delivery to the PI P105	MD service interfa	ace." # <u>69</u>	Stassar, F Comment	Peter Type TR	Huawe Comment Status	i A		
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s With editorial license. 154 SC 154.5.4 rown, Matt	streams for delivery to the Pl P 105 Huawei Techr		# 69	Stassar, F <i>Comment</i> The T monite	Peter <i>Type</i> TR BD needs to be	Huawe	i A		
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s With editorial license. 7 154 SC 154.5.4 Frown, Matt comment Type T	streams for delivery to the Pl P 105 Huawei Techr Comment Status A	L 48 nologies Canada	# <u>69</u> Buck	Stassar, F Comment The T monite	Peter <i>Type</i> TR BD needs to be pred	Huawe Comment Status	i A		
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s With editorial license. 154 SC 154.5.4 rown, Matt <i>ormment Type</i> T Although the service intr (which specifies the service service)	streams for delivery to the Pl P 105 Huawei Techr	L 48 nologies Canada basis for specifica further elaborates	# <u>69</u> Buck ation, subclause 154.2	Stassar, F Comment The T monite Suggestee Repla the av	Peter <i>Type</i> TR BD needs to be ored <i>IRemedy</i> ce "in response erage optical po	Huawe Comment Status A replaced by describing to the TBD of the optica	i A a condition of the sig al signal and impleme ptical	nal that is being entations that respor	nd to
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s With editorial license. 154 SC 154.5.4 rown, Matt <i>omment Type</i> T Although the service inter (which specifies the service inter leans, SIGNAL_OK para	P105 P105 Huawei Techr Comment Status A erface in 116.3 is used as a vice interface for this PMD) f	L 48 nologies Canada basis for specifica further elaborates	# <u>69</u> Buck ation, subclause 154.2	Stassar, F Comment The T monite Suggestee Repla the av signal	Peter <i>Type</i> TR BD needs to be bred <i>IRemedy</i> ce "in response erage optical po " by "in response	Huawe Comment Status replaced by describing to the TBD of the optica ower of the modulated o se to the average optica	i A a condition of the sig al signal and impleme ptical I power of the modula	nal that is being entations that respor	nd to
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s With editorial license. 154 SC 154.5.4 rown, Matt <i>comment Type</i> T Although the service inter (which specifies the service leans, SIGNAL_OK para	P105 P105 Huawei Techr Comment Status A erface in 116.3 is used as a vice interface for this PMD) f ameter values, etc.) the deta	L 48 nologies Canada basis for specifica further elaborates	# <u>69</u> Buck ation, subclause 154.2	Stassar, F Comment The T monite Suggestee Repla the av signal Response	Peter <i>Type</i> TR BD needs to be bred <i>IRemedy</i> ce "in response erage optical po " by "in response	Huawe Comment Status A replaced by describing to the TBD of the optica	i A a condition of the sig al signal and impleme ptical I power of the modula	nal that is being entations that respor	nd to
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s With editorial license. / 154 SC 154.5.4 rown, Matt <i>omment Type</i> T Although the service into (which specifies the service into leans, SIGNAL_OK para uggestedRemedy Change "116.3" to "154.	P105 P105 Huawei Techr Comment Status A erface in 116.3 is used as a vice interface for this PMD) f ameter values, etc.) the deta	L 48 nologies Canada basis for specifica further elaborates	# <u>69</u> Buck ation, subclause 154.2	Stassar, F Comment The T monite Suggestee Repla the av signal	Peter <i>Type</i> TR BD needs to be bred <i>IRemedy</i> ce "in response erage optical po " by "in response	Huawe Comment Status replaced by describing to the TBD of the optica ower of the modulated o se to the average optica	i A a condition of the sig al signal and impleme ptical I power of the modula	nal that is being entations that respor	nd to
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s With editorial license. 154 SC 154.5.4 rown, Matt <i>omment Type</i> T Although the service into (which specifies the service leans, SIGNAL_OK para <i>uggestedRemedy</i> Change "116.3" to "154.	P105 P105 Huawei Techr Comment Status A erface in 116.3 is used as a vice interface for this PMD) f ameter values, etc.) the deta 2".	L 48 nologies Canada basis for specifica further elaborates	# <u>69</u> Buck ation, subclause 154.2	Stassar, F Comment The T monite Suggestee Repla the av signal Response	Peter <i>Type</i> TR BD needs to be bred <i>IRemedy</i> ce "in response erage optical po " by "in response	Huawe Comment Status replaced by describing to the TBD of the optica ower of the modulated o se to the average optica	i A a condition of the sig al signal and impleme ptical I power of the modula	nal that is being entations that respor	nd to
and the last sentence of "Table 154-4 shows the the DQPSK rx_symbol s With editorial license. / 154 SC 154.5.4 rown, Matt omment Type T Although the service into (which specifies the	P105 P105 Huawei Techr Comment Status A erface in 116.3 is used as a vice interface for this PMD) f ameter values, etc.) the deta 2".	L 48 nologies Canada basis for specifica further elaborates	# <u>69</u> Buck ation, subclause 154.2	Stassar, F Comment The T monite Suggestee Repla the av signal Response	Peter <i>Type</i> TR BD needs to be bred <i>IRemedy</i> ce "in response erage optical po " by "in response	Huawe Comment Status replaced by describing to the TBD of the optica ower of the modulated o se to the average optica	i A a condition of the sig al signal and impleme ptical I power of the modula	nal that is being entations that respor	nd to

SORT ORDER: Clause, Subclause, page, line

C/ 154	SC 154.7.1	P 109	L 49	# 40	C/ 154	SC 154.7.1	P 110	L 26	# 119
Bruckman, Le	eon	Huawei			Lewis, Dav	/id	Lumentun	า	
comment Typ	pe E	Comment Status A			Comment	Туре Т	Comment Status D		
SuggestedRe "Minimum centre dif DWDM cl	emedy n channel spac ference in freq hannel spacing	ing" is not defined. ing" is defined in ITU-T G.67 uency or wavelength betwee is are based on the grid foun he grid found in [ITU-T G.69	n adjacent char d in [ITU-T G.69	nels in a WDM device.	return transm reflecte maxim Suggesteo	loss from the bla litter and a return ed back into the um. <i>Remedy</i>	rance should be a minimu ack link of 24 dB would res n loss from the black link of transmitter. Therefore the	sult in more power i of 26 dB would resu e limit value of 25 d	eflected back into the Ilt in less power
		h be defined as: "The minimu G.671, shall be within the lir			Proposed	Response	"Optical return loss toleral <i>Response Status</i> Z		
Response		Response Status C	U		REJEC	CT.			
ACCEPT	IN PRINCIPLE	, E.			This co	omment was WI	THDRAWN by the comme	enter.	
2 154	SC 154.7.1	P110	L 5	# 76	C/ 154	SC 154.7.2	P111	L11	# 77
		<i>P</i> 110 Huawei	23	# 70	Stassar, P	eter	Huawei		
itassar, Pete					Comment		Comment Status A		
Comment Typ		Comment Status A	eds a value. Pi	oposed is 0 dBm			eplaced by a value. It is s average output power.	uggested to specify	/ 3 dBm, which is 3 dB
leaving a	setting range of	of 8 dB, sufficient to meet the	requirements f	or the 80 km	Suggested	• •	average output power.		
	,	emarks made during previou ical output power can be eas	0	for most	00	ce TBD by "3"			
SuggestedRe	emedy				Response		Response Status C		
Replace ⁻	TBD by "0" (zei	ro)			ACCE	PT.			
Response		Response Status C							
ACCEPT									
2/154	SC 154.7.1	P 110	L 5	# 99					
Schmitt, Matt	t	CableLabs							
Comment Typ	pe T	Comment Status R							
adopting	the same value	verage channel output power as the CableLabs PHYv1.0 osed to a power level anyon	specification, v	hich was selected as a					
S <i>uggestedRe</i> Change "		"Average channel output po	wer (max)" in T	able 154-8.					
Response		Response Status C	()						
REJECT.									
See reso	lution to comm	ent #76							
COMMENT S	TATUS: D/disp	ER/editorial required GR/g patched A/accepted R/rejec pclause, page, line	•		0	Z/withdrawn		154 154.7.2	Page 20 of 24 4/16/2020 11:01:1

14 AM

	P 111	L 36	# 78	C/ 154	SC 154.7.3	P 111	L 39	# 80
Stassar, Peter	Huawei			Stassar, Pe	eter	Huawei		
Comment Type TR Comm	ent Status A			Comment T	ype TR	Comment Status A		
At the January 2020 meeting in 0 dispersion to 1600 ps/nm. This is fiber. ITU-T SG15 at its recent cl Recommendation G.654, adding	appropriate for bla osing plenary meet	ack links containir ting 7 Feb 2020 c	ng 80 km of G.652 onsented revised	The pai deleted Suggestedf		ero dispersion wavelengtl	n" does not seem to	o useful. Should be
somewhat higher chromatic disp	ersion values. This	new fiber type sh	nould not be precluded	Delete	row for "Fiber ze	ero dispersion wavelength	" from Table	
for usage inside the black link, be case chromatic dispersion over the a worst case link dispersion of 19	he wavelength rang 31 ps/nm. 2000 ps	ge of interest is 24 s/nm would be an	4.14 ps/nm, leading to appropriate rounded	Response ACCEF	PT IN PRINCIPL	Response Status C E.		
number for 80 km links. The rele maximum attenuation of 0.05 dB				Delete	row for "Fiber ze	ero dispersion wavelength	from Table 154-10)
SuggestedRemedy				C/ 154	SC 154.7.3	P 111	L 40	# 81
Replace 1600 by 2000				Stassar, Pe	eter	Huawei		
Response Respor	nse Status C			Comment T	ype TR	Comment Status A		
ACCEPT.						persion slope (max) (S0)" propriate minimum for botl	•	
C/ 154 SC 154.7.3	P111	L 36	# 86		nce of FWM			
Stassar, Peter	Huawei			Suggested	Remedy			
Comment Type T Comm	ent Status A			Poplaa	e TBD by 0.05			
comment rype i comm				Керіасі	e 160 by 0.05			
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)".	ckets in the parame d imply usage of di	ispersion compen	sation inside the black	Response ACCEF	PT IN PRINCIPL			
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)".	ckets in the parame d imply usage of di	ispersion compen	sation inside the black	Response ACCEF In table	PT IN PRINCIPL 154-10 replace	•	rsion slope replace	(max) by (min).
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici	ckets in the parame d imply usage of di pated applications.	ispersion compen . Therefore it is pr	sation inside the black	Response ACCEF In table Replace	PT IN PRINCIPL 154-10 replace e TBD by 0.05.	E. for parameter fiber dispe		
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para	ckets in the parame d imply usage of di ipated applications. meter entries in Ta	ispersion compen . Therefore it is pr	sation inside the black	Response ACCEF In table Replace Cl 154	PT IN PRINCIPL 154-10 replace BD by 0.05. SC 154.7.3	E. for parameter fiber dispe P111	rsion slope replace 	(max) by (min). # <u>82</u>
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para	ckets in the parame d imply usage of di pated applications.	ispersion compen . Therefore it is pr	sation inside the black	Response ACCEF In table Replace Cl 154 Stassar, Pe	PT IN PRINCIPL 154-10 replace e TBD by 0.05. SC 154.7.3 eter	E. for parameter fiber dispe P111 Huawei		
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para Response Respor ACCEPT.	ckets in the parame d imply usage of di pated applications. meter entries in Ta nse Status C	ispersion compen . Therefore it is pr uble 154-10.	isation inside the black roposed to remove	Response ACCEF In table Replace Cl 154 Stassar, Pe Comment 1	PT IN PRINCIPL 154-10 replace TBD by 0.05. SC 154.7.3 eter Type TR	E. for parameter fiber dispe P111 Huawei Comment Status A	L 42	# <u>82</u>
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para Response Respor ACCEPT. Cl 154 SC 154.7.3	ckets in the parame d imply usage of di pated applications. meter entries in Ta <i>use Status</i> C P111	ispersion compen . Therefore it is pr	sation inside the black	Response ACCEF In table Replace C/ 154 Stassar, Pe Comment 7 There s	PT IN PRINCIPL 154-10 replace TBD by 0.05. SC 154.7.3 Ster Type TR should be a value	E. for parameter fiber dispe P111 Huawei Comment Status A e 0f 25 dB for "Minimum o	L 42	# <u>82</u> t TP2" in accordance
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para Response ACCEPT. C/ 154 SC 154.7.3 Stassar, Peter	ckets in the parame d imply usage of di pated applications. meter entries in Ta <i>use Status</i> C <i>P</i> 111 Huawei	ispersion compen . Therefore it is pr uble 154-10.	isation inside the black roposed to remove	Response ACCEF In table Replace Cl 154 Stassar, Pe Comment 7 There s with ag	PT IN PRINCIPL 154-10 replace e TBD by 0.05. SC 154.7.3 eter <i>ype</i> TR should be a valureed resolution t	E. for parameter fiber dispe P111 Huawei Comment Status A	L 42	# <u>82</u> t TP2" in accordance
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para Response Respon ACCEPT. C/ 154 SC 154.7.3 Stassar, Peter Comment Type TR Comm	ckets in the parame d imply usage of di pated applications. meter entries in Ta <i>ase Status</i> C <i>P</i> 111 Huawei eent Status A	ispersion compen . Therefore it is pr able 154-10.	asation inside the black roposed to remove # 79	Response ACCEF In table Replace Cl 154 Stassar, Pe Comment 7 There s with ag Suggested	PT IN PRINCIPL 154-10 replace e TBD by 0.05. SC 154.7.3 eter <i>ype</i> TR should be a valureed resolution t	E. for parameter fiber dispe P111 Huawei Comment Status A e 0f 25 dB for "Minimum o	L 42	# <u>82</u> t TP2" in accordance
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para Response ACCEPT. C/ 154 SC 154.7.3 Stassar, Peter	ckets in the parame d imply usage of di pated applications. meter entries in Ta <i>ase Status</i> C <i>P</i> 111 Huawei <i>P</i> 111 Event Status A ccur only when usingsed in C-band appl	ispersion compen . Therefore it is pr able 154-10. <i>L</i> 37 ng G.653 (dispers	sation inside the black roposed to remove # 79 sion shifted) fibers,	Response ACCEF In table Replace Cl 154 Stassar, Pe Comment 7 There s with ag Suggested Replace	PT IN PRINCIPL 154-10 replace TBD by 0.05. SC 154.7.3 eter Type TR should be a valu- reed resolution t Remedy e TBD by 25	E. for parameter fiber disper P111 Huawei Comment Status A e 0f 25 dB for "Minimum c to comment #88 to D1.1. a Response Status C	L 42	# <u>82</u> t TP2" in accordance
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para Response Respor ACCEPT. C/ 154 SC 154.7.3 Stassar, Peter Comment Type TR Comm A dispersion of -200 ps/nm will o which are not anticipated to be us	ckets in the parame d imply usage of di pated applications. meter entries in Ta <i>ase Status</i> C <i>P</i> 111 Huawei <i>P</i> 111 Event Status A ccur only when usingsed in C-band appl	ispersion compen . Therefore it is pr able 154-10. <i>L</i> 37 ng G.653 (dispers	sation inside the black roposed to remove # 79 sion shifted) fibers,	Response ACCEF In table Replace Cl 154 Stassar, Pe Comment 1 There s with ag Suggested Replace Response ACCEF	PT IN PRINCIPL 154-10 replace TBD by 0.05. SC 154.7.3 eter Type TR should be a valu- reed resolution to Remedy e TBD by 25 PT IN PRINCIPL	E. for parameter fiber disper P111 Huawei Comment Status A e Of 25 dB for "Minimum c to comment #88 to D1.1. a Response Status C E.	L 42	# <u>82</u> t TP2" in accordance
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para Response Respon ACCEPT. C/ 154 SC 154.7.3 Stassar, Peter Comment Type TR Comm A dispersion of -200 ps/nm will o which are not anticipated to be us chromatic dispersion should be C	ckets in the parame d imply usage of di pated applications. meter entries in Ta <i>ase Status</i> C <i>P</i> 111 Huawei <i>P</i> 111 Event Status A ccur only when usingsed in C-band appl	ispersion compen . Therefore it is pr able 154-10. <i>L</i> 37 ng G.653 (dispers	sation inside the black roposed to remove # 79 sion shifted) fibers,	Response ACCEF In table Replace Cl 154 Stassar, Pe Comment 1 There s with ag Suggested Replace Response ACCEF	PT IN PRINCIPL 154-10 replace TBD by 0.05. SC 154.7.3 eter Type TR should be a valu- reed resolution t Remedy e TBD by 25	E. for parameter fiber disper P111 Huawei Comment Status A e Of 25 dB for "Minimum c to comment #88 to D1.1. a Response Status C E.	L 42	# <u>82</u> t TP2" in accordance
The term "residual" between brac dispersion" may be confusing an link, which is unlikely in the antici "(residual)". SuggestedRemedy Remove "(residual)" in both para Response Respon ACCEPT. Cl 154 SC 154.7.3 Stassar, Peter Comment Type TR Comm A dispersion of -200 ps/nm will o which are not anticipated to be us chromatic dispersion should be C SuggestedRemedy Replace -200 by 0 (zero)	ckets in the parame d imply usage of di pated applications. meter entries in Ta <i>ase Status</i> C <i>P</i> 111 Huawei <i>P</i> 111 Event Status A ccur only when usingsed in C-band appl	ispersion compen . Therefore it is pr able 154-10. <i>L</i> 37 ng G.653 (dispers	sation inside the black roposed to remove # 79 sion shifted) fibers,	Response ACCEF In table Replace Cl 154 Stassar, Pe Comment 7 There s with ag Suggested Replace Response ACCEF Replace	PT IN PRINCIPL 154-10 replace TBD by 0.05. SC 154.7.3 eter Type TR should be a valu- reed resolution to Remedy e TBD by 25 PT IN PRINCIPL e TBD by 25 in T	E. for parameter fiber disper P111 Huawei Comment Status A e Of 25 dB for "Minimum c to comment #88 to D1.1. a Response Status C E.	L 42 optical return loss a at the January 2020	# <u>82</u> t TP2" in accordance

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SC 154.7.3 4/16/2020 11:01:14 AM SORT ORDER: Clause, Subclause, page, line

C/ 154 SC 154.7.3 P111 L43 # 83	C/ 154 SC 154.8.1 P111 L29 # 10	1
Stassar, Peter Huawei	Schmitt, Matt CableLabs	
Comment Type TR Comment Status A	Comment Type E Comment Status A	
Because the medium is a black link there should not be a requirement for "Maximum discrete reflectance between TP2 and TP3"	Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in previous drafts? Is there a isn't inline with that text? If not, it should be moved there.	a reason
uggestedRemedy	SuggestedRemedy	
Delete row for "Maximum discrete reflectance between TP2 and TP3" from Table	Move Table 154-10 back into sub-clause 154.7.3.	
Response Response Status C	Response Response Status C	
ACCEPT IN PRINCIPLE.	ACCEPT.	
See response to comment 104	C/ 154 SC 154.8.1 P111 L42 # 103	3
C/ 154 SC 154.8.1 P111 L1 # 100	Schmitt, Matt CableLabs	
Schmitt, Matt CableLabs	Comment Type T Comment Status A	
Comment Type E Comment Status A	In table 86-10, Optical Return Loss is defined as being measured at point TP2 loc downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8	
that it ion't inline with that taxt? If not, it should be moved there	"Optical return loss at TP2" in Table 154-10 is redundant, since they are both the	
that it isn't inline with that text? If not, it should be moved there. SuggestedRemedy Move Table 154-9 back into sub-clause 154.7.2.	thing measured at the same point (one implicitly, one explicitly). To be consisten other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and re "Optical return loss at TP2" from Table 154-10.	t with
SuggestedRemedy Move Table 154-9 back into sub-clause 154.7.2.	thing measured at the same point (one implicitly, one explicitly). To be consisten other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and re	t with
SuggestedRemedy Move Table 154-9 back into sub-clause 154.7.2. Response Response Status C	thing measured at the same point (one implicitly, one explicitly). To be consisten other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and re "Optical return loss at TP2" from Table 154-10.	t with
SuggestedRemedy Move Table 154-9 back into sub-clause 154.7.2. Response Response Status C ACCEPT.	thing measured at the same point (one implicitly, one explicitly). To be consisten other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and re "Optical return loss at TP2" from Table 154-10. SuggestedRemedy	t with
SuggestedRemedy Move Table 154-9 back into sub-clause 154.7.2. Response Response Status C ACCEPT. E/ 154 SC 154.8.1 P111 L11 # 102	thing measured at the same point (one implicitly, one explicitly). To be consisten other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and re "Optical return loss at TP2" from Table 154-10. <i>SuggestedRemedy</i> Delete the row from Table 154-10 for "Optical return loss at TP2".	t with
uggestedRemedy Move Table 154-9 back into sub-clause 154.7.2. Pesponse Response Status C ACCEPT. If 154 SC 154.8.1 P 111 L 11 # 102 Schmitt, Matt CableLabs	thing measured at the same point (one implicitly, one explicitly). To be consistent other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and re "Optical return loss at TP2" from Table 154-10. SuggestedRemedy Delete the row from Table 154-10 for "Optical return loss at TP2". Response Response Status C	t with
uggestedRemedy Move Table 154-9 back into sub-clause 154.7.2. Pesponse Response Status C ACCEPT. / 154 SC 154.8.1 P111 L11 # 102 / 154 SC 154.8.1 CableLabs omment Type T Comment Status A	thing measured at the same point (one implicitly, one explicitly). To be consistent other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and re "Optical return loss at TP2" from Table 154-10. SuggestedRemedy Delete the row from Table 154-10 for "Optical return loss at TP2". Response Response Status C ACCEPT IN PRINCIPLE. Remove "Optical return loss" in Table 154-8 and leave it in Table 154-10.	t with emoving
Accept. 154 SC 154.8.1 P 111 L 11 # 102 chmitt, Matt CableLabs pomment Type T Comment Status A For the TBD value of "Damage threshold" in Table 154-9, the most energy that could hit the	thing measured at the same point (one implicitly, one explicitly). To be consistent other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and re "Optical return loss at TP2" from Table 154-10.SuggestedRemedy Delete the row from Table 154-10 for "Optical return loss at TP2".Response ACCEPT IN PRINCIPLE.Remove "Optical return loss" in Table 154-8 and leave it in Table 154-10.CI 154SC 154.8.1P111L43# 104	t with emoving
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C/ 154 So	C 154.8.1	P 112	L15	# 121	C/ 154	SC 154.8.1	P 112	L 27	# 120	
D'Ambrosia, Jo	hn	Futurewei, U.S	Subsidiary of	Huawei	D'Ambrosia, John Futurewei, U.S. Subsidiary of Huawei					
Comment Type		Comment Status A			Comment Type TR Comment Status A					
The last en	154-11 is TBD. There are no	other defined te	est patterns.	The last entry in Table 154-12 is TBD. There are no other test parameters requiring a test pattern definition pointing to Table 154-12 in the draft						
SuggestedRem				SuggestedRe	•		dian			
		of the entire row for the "TBD" 11 to "Test Pattern"	entry		00	,	the entire row for the "TB	D" entry		
Response		Response Status C			Response		Response Status C			
ACCEPT.					ACCEPT	IN PRINCIPL	.E.			
C/ 154 S	C 154.8.1	P112	L18	# 123	Impleme	nt slides 5 and	d 6 of stassar_ct_01_200	416 with editorial li	cense.	
D'Ambrosia, Jo	hn	Futurewei, U.S	6. Subsidiary of	Huawei	C/ 154	SC 154.8.13	P113	L 47	# 89	
Comment Type		Comment Status R			Maniloff, Eric		Ciena			
	Table 154-1	12 seems incorrect. The ITes	t pattern definiti	ions are inTable 154-		F	Comment Ctature			
11 \\/hati	a actually ha				Comment Ty	pe E	Comment Status A			
11. What is	s actually be	eing defined is the test pattern			51			unamplified acco	due to the input newer	
	•				The reac	h will likely be	limited to < 80km for the			
SuggestedRem	ledy	eing defined is the test pattern	s during testing	of optical paramaeters	The reac restriction	h will likely be n, not the OSN	limited to < 80km for the			
S <i>uggestedRem</i> Change title	edy e of Table 15		s during testing	of optical paramaeters	The reac restrictior maximum	h will likely be ı, not the OSN า	limited to < 80km for the NR. So the comment "The	e associated chanr	nel loss will likely limit the	
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SuggestedRem Change title subclauses	edy e of Table 15	eing defined is the test pattern 54-12 to "Optical Parameter T	s during testing	of optical paramaeters	The reac restrictior maximun reach of t	h will likely be າ, not the OSN າ these applicat	limited to < 80km for the NR. So the comment "The	e associated chanr	nel loss will likely limit the	
S <i>uggestedRem</i> Change title	edy e of Table 15	eing defined is the test pattern	s during testing	of optical paramaeters	The reac restrictior maximun reach of t	h will likely be n, not the OSN n these applicat use 154.8.13 r	limited to < 80km for the NR. So the comment "The ions to less than 80 km s	e associated chanr	nel loss will likely limit the	
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Nicholl, Ga	ary	Cisco systems			
P802.3 to P80	3cr is harmonizing 3cr is in the 1st W	Comment Status A g general safety references ac /G ballot recirculation and is li on between TFs and the P80:	kely to comple	te the ballot cycle pri	
S <i>uggestec</i> Chang equipr specifi	Remedy ge "All equipment nent subject to th ied in J.2". Add E es to P802.3cr.	subject to this clause shall co is clause shall conform to the ditor's Note to be removed pr <i>Response Status</i> C	general safety	requirements as	
ACCE	PT.				
C/ 154	SC 154.11	P117	L1	# 107	
Nicholl, G	ary	Cisco systems			
Response ACCE Modify	General Safety" F PT IN PRINCIPLI	PICS entry and use "Conform <i>Response Status</i> C E. fety" entries in response to co			r
C/ 154	SC 154.11.13	P118	L 1	# 125	
Issenhuth, Comment	, Tom <i>Type</i> E ICs tables starting	Huawei Comment Status A g in 154.11.3 are incomplete.		π	
	•	PICS tables with the information	on from issenh	uth_3ct_04_0320	
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	ntry for "General Comment from c	Safety" is added, align the Va omment 107.	lue/Comment v	with the	
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TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SORT ORDER: Clause, Subclause, page, line

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