CI 45	SC 45.2.1.180	Saa.1	P 36	L 35	# 1	C/ 45	SC 45.2.1.1	86ab.8	P 38	L33	# 4
Bruckman	, Leon		Huawei			Bruckmar	i, Leon		Huawei		
Comment	Туре Т	Commer	nt Status D		bucket	Comment	Туре Т	Comme	nt Status D		bucke
	FEC bypass indic ndication function				ne bypass of the FEC 1.6.2.		IFEC bypass inc EC error indicati			a one one indica	tes that the bypass of
Suggestee	dRemedy					Suggeste	dRemedy				
	ge: "When set to a						ge: "This bit is s ition.",	et to one to i	ndicate that the d	ecoder has this a	bility to bypass error
Proposed	hen set to a one, <i>Response</i>	Response	bles bypass of the e Status W	e error indication	function."		is bit is set to o tion function."	ne to indicate	that the decoder	has this ability to	bypass the error
PROF	POSED ACCEPT.					Proposed	Response	Respons	e Status W		
C/ 45	SC 45.2.1.18	Saa.1	P 36	L 37	# 2	PROF	POSED ACCEP	Т.			
Bruckman			Huawei			C/ 45	SC 45.2.1.1	86ah.2	P 41	L 40	# 5
Comment	51	Commer	nt Status D		bucket	Bruckmar	i, Leon		Huawei		
Text	iot clear					Comment	Type E	Comme	nt Status D		bucke
00	dRemedy					Incon	sistent bracketir	ng. In clause	153.2.4.1.1 the v	ariable is indicate	d as: fas_lock <x></x>
					f the Inverse RS-FEC	Suggeste	dRemedy				
	.2.3).",	y to bypass	Indicating decod	ing errors to the	remote PCS layer (see	Chan				for all other 19 la	nes in the following
					nverse RS-FEC does		Response		e Status W		
not ha 152.5	ive the ability to b .2.3)."	ypass deco	ding error indicati	ons to the remot	e PCS layer (see	,	POSED ACCEP				
•	Response POSED ACCEPT.	Response	e Status W				ge "fas_lock[x]" es 45.2.1.186ai.			.2.1.186ah.1 to 4	5.2.1.186ah.9 and in
CI 45	SC 45.2.1.18	Saa.2	P 36	L 44	# 3						
Bruckman	, Leon		Huawei								
Comment Text r	<i>Type</i> E not clear	Commer	nt Status D		bucket						
Suggestee	dRemedy										
	ge: "Writes to this ave the ability to by			turn a zero if the	Inverse RS-FEC does						
	rites to this bit are the ability to bypas			zero if the Invers	e RS-FEC does not						
	, ,,										

Proposed Response Response Status W

PROPOSED ACCEPT.

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E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SORT ORDER: Comment ID

C/ 45	SC 45.2.1.186	Saj P45	L16	# <u>6</u>	C/ 152	SC	152.5.3.4	P66	L 38	# 8
ruckman, l	Leon	Huawei			Bruckman	, Leon		Huawei		
omment T	ype TR	Comment Status D			Comment	Туре	Е	Comment Status D		
		be separated from lane dentification status.	lock, so the value of	lane mapping is	estima	ated by	dividing th	e bit error ratio in the data r ne BIP block error ratio by s aw the same wording in oth	omething, if you a	lready have a error
lggestedF					Suggested					ut it sounds strange.
depend		on status bits to the MD s instead of fas lock. De).			Chang	ge: "The	e bit error	ratio in the data received fr error ratio by a factor of 1 0		S can be estimated b
roposed R PROPC	esponse SED ACCEPT	Response Status W						n the data received from the errors by a factor of 1 081 3		be estimated by
Need fo	or status bits der	endent on the response	to comment 15 which	ch proposes to	Proposed	Respo	nse	Response Status W		
		tion from lane lock.					REJECT.			
/ 80	SC 80.1.5	P50	L10	# 7				text to the final para of 91.5 sted remedy is technically		
uckman, I		Huawei			genera	ated by	/ the far er	nd PCS, and the intervening	transcode/trans-o	decode steps should
omment T		Comment Status D		bucket				of bits over which they are colock error ratio (the numbe		
Clause		that the clause 74 FEC	is optional for 100G	BASE-Z, but it is not	an equunit of	uivalen f time).	it bit-error i You can't	ratio (the estimate of the nu simply divide a count of blo	mber of bit errors ock errors by a fixe	over that equivalent ed value to get a BER
uggestedF	Remedy				not kn	owing	whether th	at block error count was ov	er one second or	one hour.
Add cla	use 74 to table 8	30-4b as optional.			C/ 152	SC	152.6.4	P 75	L 8	# 9
roposed R	esponse	Response Status W			Bruckman	, Leon		Huawei		
PROPC	SED ACCEPT	IN PRINCIPLE.			Comment	Туре	т	Comment Status D		
		nt and will be removed fr dd clause 74 to table 80		onse to comment 52,				ation ability" bit when set to n function can be bypass. S		
30 11610	e is no need to a		-+D.		Suggested	dReme	dy			
						ge: "Thi ndicatio		is set to one to indicate that	at the decoder has	the ability to bypass
						nis varia tion fur		to one to indicate that the	decoder has the al	bility to bypass error
					Proposed	Respo	nse	Response Status W		
					Chang		is variable	IN PRINCIPLE. is set to one to indicate that	at the decoder has	the ability to bypass
					to: "Th		abla ia c-t	to one to indicate that the	decoder has the al	bility to bypage the

C/ 152	SC '	152.6.7	P 75	L 26	# 10	C/ 153	SC 153	.2.3.2.4	4 P85	L 50	# <u>1</u> 3
Bruckman,	, Leon		Huawei			Bruckman,	Leon		Huawei		
Comment Missing	<i>Type</i> ng word	E	Comment Status D		bucket	Comment [®] Text ne	<i>Type</i> E eds to be	fixed	Comment Status D		bu
(see 1 to: "Th	ge: "This 52.5.4.3 nis varial 52.5.4.3	s variable a 3).", ible is assig 3)."	assigned by the FEC alignme gned by the FEC alignment s <i>Response Status</i> W	0	U U	to: "a Proposed I	e: "as the	of the	of the two clock rates do not p two clock rates does not provid <i>Response Status</i> W		
PROP	OSED /	ACCEPT.				C/ 153	SC 153	.2.3.2.4	4 P 87	L 3	# <u>1</u> 4
Suggested Replac remedy Proposed I PROP	, Leon <i>Type</i> ign_stat <i>dRemed</i> ce "fec_ ly are pr <i>Respon</i> POSED	dy _align_stati resented in ose ACCEPT I	P82 Huawei Comment Status D sy indication us" , with: "fecl_align_indicat contribution bruckman_3ct_ Response Status W N PRINCIPLE. Id Task Force discussion		# 11	to: "so Proposed I PROP Chang	Type E o clear Remedy e: "so this this amoun Response DSED ACC	nt of oc CEPT I "so thi	Huawei <i>Comment Status</i> D r are transmitted", tets are transmitted" <i>Response Status</i> W N PRINCIPLE. s number are transmitted", to ansmitted"		
C/ 153	SC '	153.2.3.2.4	4 P85	L16	# 12	C/ 153	SC 153	.2.3.3.	P88	L41	# 15
Bruckman, Comment GMP r	, Leon <i>Type</i> requires se for 1	E that carrie	Huawei Comment Status D er signal payload rate is large -ZR of course, but it will be b	er than the carrie	ed signal rate. This is	Bruckman, <i>Comment</i>	Leon <i>Type</i> TI ite lane ide n.	2	Huawei Comment Status D ion from alignment, add referei		
(255/2: Proposed I	end of s 27) × (3 <i>Respon</i>	sentence: 3800 / 4080	"The Payload area of the SC)) × 99.5328 Gb/s ±20 ppm.' <i>Response Status</i> W			Details bruckn Proposed I PROP	of remedy nan_3ct_0 ⁻ Response OSED ACC	1_0320 CEPT I	ing propossed text for this clau <i>Response Status</i> W N PRINCIPLE. Id Task Force discussion	se is preser	nted in contribution

/ 153 SC 153.2.3.3.5 P89 L34 # 16	Cl 153 SC 153.2.4.1.1 P90 L12 # 18
ruckman, Leon Huawei	Bruckman, Leon Huawei
omment Type T Comment Status D	Comment Type TR Comment Status D
Since OTN devices may be used to implement the 100GBASE-ZR, and these devices support Cm values other than 188 and 189, there may be failure cases in which the GMP	New variables are needed according to the state diagrams propossed for the lane identification separation from the alignment process.
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	SuggestedRemedy
DI=II=1?	Add the following variables: fecl_valid and lane_id_detected <x>. Details of remedy</x>
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.	Proposed Response Response Status W
uggestedRemedy	PROPOSED ACCEPT IN PRINCIPLE.
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."	Pending presentation and Task Force discussion
roposed Response Response Status W	Cl 153 SC 153.2.4.1.1 P90 L12 # 19
PROPOSED ACCEPT IN PRINCIPLE.	Bruckman, Leon Huawei
	Comment Type TR Comment Status D
Implement the proposed resolution.	
There is no harm in adding this sentence, although while the GMP mechanism is generic,	New variables are needed according to the update of the deskew state diagram proposion in bruckman_3ct_01_0320.
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	in bruckman 3ct 01 0320.
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values)	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) // 153 SC 153.2.3.3.6 P89 L43 # 17	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320.
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) / 153 SC 153.2.3.3.6 P89 L43 # 17 ruckman, Leon Huawei	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) / 153 SC 153.2.3.3.6 P89 L43 # 17 ruckman, Leon Huawei omment Type TR Comment Status D There should be an indication to the upper layer if block lock is not achieved, but according	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320. Proposed Response Response Status W
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) 153 SC 153.2.3.3.6 P89 L43 # 17 uckman, Leon Huawei 000000000000000000000000000000000000	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Pending presentation and Task Force discussion
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) 153 SC 153.2.3.3.6 P89 L43 # 17 uckman, Leon Huawei mment Type TR Comment Status D 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.	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Pending presentation and Task Force discussion Cl 153 SC 153.2.4.1.1 P90 L12 # 20
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) / 153 SC 153.2.3.3.6 P89 L43 # 17 ruckman, Leon Huawei omment Type TR Comment Status D 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. uggestedRemedy	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Pending presentation and Task Force discussion 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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) 1 153 SC 153.2.3.3.6 P89 L43 # 17 ruckman, Leon Huawei omment Type TR Comment Status D 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.	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Pending presentation and Task Force discussion Cl 153 SC 153.2.4.1.1 P90 L12 # 20 Bruckman, Leon Huawei Comment Type TR Comment Status D A new variable is needed for the SIGNAL OK indication state diagram propossed in
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) 1 153 SC 153.2.3.3.6 P89 L43 # 17 ruckman, Leon Huawei <i>omment Type</i> TR <i>Comment Status</i> D 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. <i>uggestedRemedy</i> 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	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Pending presentation and Task Force discussion Cl 153 SC 153.2.4.1.1 P90 L12 # 20 Bruckman, Leon Huawei Comment Type TR Comment Status D A new variable is needed for the SIGNAL OK indication state diagram propossed in bruckman_3ct_01_0320.
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) 1 153 SC 153.2.3.3.6 P89 L43 # 17 ruckman, Leon Huawei <i>omment Type</i> TR <i>Comment Status</i> D 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. <i>uggestedRemedy</i> 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.	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Pending presentation and Task Force discussion Cl 153 SC 153.2.4.1.1 P90 L12 # 20 Bruckman, Leon Huawei Comment Type TR Comment Status D A new variable is needed for the SIGNAL OK indication state diagram propossed in
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 GMP. So any OTN kit that implements GMP mapping of a client into OPU4 should only be generating the indicated values) 1 153 SC 153.2.3.3.6 P89 L43 # 17 ruckman, Leon Huawei <i>omment Type</i> TR Comment Status D 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. <i>uggestedRemedy</i> 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. <i>roposed Response Response Status</i> W PROPOSED ACCEPT IN PRINCIPLE.	in bruckman_3ct_01_0320. SuggestedRemedy Add the following variables: fas_status, alignment_valid and fec_enable_deskew. Deta remedy including propossed text for these variables is presented in contribution bruckman_3ct_01_0320. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Pending presentation and Task Force discussion Cl 153 SC 153.2.4.1.1 P90 L12 # 20 Bruckman, Leon Huawei Comment Type TR Comment Status D 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

Comment ID 20

153 SC 153.2.4.1.1	P 90	L19	# 21	C/ 153	SC 153.2.4.1	1.1 <i>P</i> 90	L 41	# <u>2</u> 4
ruckman, Leon	Huawei			Bruckman, I	eon	Huawei		
omment Type TR Comn	nent Status D			Comment T	vpe TR	Comment Status D		
In the new state diagram describ fas_match.	ed in bruckman_3c	t_01_0320 there	is no need for			updated according to the state on from the alignment process.		ossed for the lane
uggestedRemedy				SuggestedF	Remedy			
Remove fas_match						uding propossed text for this va	ariable is preser	nted in contribution
roposed Response Respo	nse Status W				an_3ct_01_032			
PROPOSED ACCEPT IN PRINC	CIPLE.			Proposed R	,	Response Status W		
Pending presentation and Task	Force discussion					IN PRINCIPLE.		
153 SC 153.2.4.1.1	P 90	L 22	# 22	Fending	presentation	and Task Force discussion		
uckman, Leon	Huawei			C/ 153	SC 153.2.4.2	2 P 91	L15	# 25
,	nent Status D			Bruckman, I	eon	Huawei		
fas valid needs to be updated a		e diagrams propo	ossed for the lane	Comment T	vpe TR	Comment Status D		
identification separation from the					ew state diagra	am described in bruckman_3ct tion.	t_01_0320 there	e is no need for the
uggestedRemedy Details of remedy including prop	accord toxt for this y	ariable is presen	tad in contribution	SuggestedF	Remedy			
bruckman 3ct 01 0320.		allable is preseri		Remove	e the FAS_COI	MPARE function		
roposed Response Respo	nse Status W			Proposed R	esponse	Response Status W		
PROPOSED ACCEPT IN PRINC				•	•	IN PRINCIPLE.		
Pending presentation and Task	Force discussion			Pending	presentation a	and Task Force discussion		
153 SC 153.2.4.1.1	P 90	L 29	# 23	C/ 153	SC 153.2.4.3	3 <i>P</i> 91	L 27	# 26
uckman, Leon	Huawei			Bruckman, I	eon	Huawei		
	nent Status D			Comment T		Comment Status D		
current_fecl needs to be updated identification separation from the			opossed for the lane			led for the alignmnet loss state 20 to keep the FAS position du		
uggestedRemedy				SuggestedF	Remedy			
	ossed text for this v	ariable is presen	ted in contribution			nter: fas_in_counter. Details of		ng propossed text fo
Details of remedy including prop bruckman_3ct_01_0320.				this cou	nter is present	ed in contribution bruckman_3	3ct_01_0320.	
bruckman_3ct_01_0320.	nse Status W			this cou Proposed R	-	ed in contribution bruckman_3 <i>Response Status</i> W	3ct_01_0320.	

0.450 00			/ 0=	"		00 450 0		800		"
	153.2.4.3	P 91	L 27	# 27	C/ 153	SC 153.2.4	+.4	P 92	L 47	# <u>3</u> 0
Bruckman, Leon		Huawei			Bruckman	,	0	Huawei		
Comment Type		nment Status D			Comment	51		nt Status D		41
bruckman_3	ct_01_0320.	the lane identification	state diagram pro	opossed in	proces	-	are needed to	separate the lar	ie identification in	om the alignment
SuggestedReme	dy				Suggested	dRemedy				
				Is of remedy including	New s	tate diagrams	are presented	in contrbution bi	ruckman_3ct_01_	_0320
		ters is presented in co		nan_3ct_01_0320.	Proposed	Response	Respons	e Status W		
Proposed Respo		ponse Status W					PT IN PRINCIP			
	ACCEPT IN PRI entation and Tas	K Force discussion			Pendi	ng presentatio	n and Task Fo	rce discussion		
					C/ 153	SC 153.2.4	1.4	P 93	L 3	# 31
	153.2.4.3	P 91	L 27	# 28	Bruckman	, Leon		Huawei		
Bruckman, Leon		Huawei			Comment	Type TR	Commei	nt Status D		
Comment Type		mment Status D								tus and all_fas_valid
		the SIGNAL OK state	diagram proposs	ed in	are no	ot defined, fec_	enable_deske	w is always false	Э.	
bruckman_3					Suggested	dRemedy				
				taila af nama du				liagram is preser	nted in contrbutio	n
		gn_ok_count and alig lese counters is prese				man_3ct_01_0				
bruckman_3					Proposed		•	e Status W		
Proposed Respo	nse Res	oonse Status W					PT IN PRINCIP	LE.		
PROPOSED	ACCEPT IN PRI	NCIPLE.			i endi	ng presentatio				
Pending pres	entation and Tas	k Force discussion								
CI 153 SC	153.2.4.4	P 91	L 35	# 29						
Bruckman, Leon		Huawei								
Comment Type	TR Cor	nment Status D								
		of the FEC:IS_SIGNA	L.indication primit	ive is driven by						
fec_align_sta		lane looses alignme	at but this banno	as froquently due to						
				e impaired frequently.						
SuggestedReme	-		,							
		or the fec_align_statu ed in contribution bruc		s of remedy including 320						
Proposed Respo	nse Resp	oonse Status W	_							
	ACCEPT IN PRI									
Pending pres	entation and Tas	k Force discussion								

ckman, Leon Huwei mment Typo TR Comment Status D fce_enable_deskwe is not defind gested/Remcey Define fce_enable_deskwe is not defind Define fce_enable_deskwe is not defind maintained when fce_aign_status is false, it is set to the when deskew is enabled and set to false when deskew is disabled.* the definition is similar to the fce_enable_deskew and be definition in 91.5.4.2.1, without allowing the frequent synchronization to sear atto to a sear atto on the alignment to cores. posed Response Response Status W PRCPOSED ACCEPT IN PRINCIPLE Predomestrate deskew vis deabled.** Dafter fce_enable_deskew-strue" Fts Tee_enable_deskew-strue Page I fs SC 153.2.5.2 Pags PROPOSED ACCEPT IN PRINCIPLE Define fce_enable_deskew-strue fs SC 153.2.5.2 Pags fs SC 153.2.5.2 Pags gesterd/Premcety Comment Type TR Comment Status SD Gramment Type E Comment Status D SC-FEC align_status with the new variable fce_align_indication (used in the SIGNA fs SC 153.2.5.2 Pags Js Sc-FEC align_status with the new variable fce_align_indication (used in the SIGNA		SC 153.2.4.4	P 93	L 3	# <u>3</u> 2	C/ 153	SC ·	153.2.5.3	P 94	L 1	# <u>3</u> 4
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C/ 154 SC 154.5.2 P104 L41 # 39
Bruckman, Leon Huawei
Comment Type E Comment Status D
Text not clear
SuggestedRemedy
Change: "The PMD Transmit function shall convert the two DQPSK symbol streams
requested by the PMD service interface messages PMD:IS_UNITDATA_0.request to
PMD:IS_UNITDATA_1.request into two DQPSK optical signals on orthogonal polarization
and delivered to the MDI,",
by the PMD service interface messages PMD:IS_UNITDATA_0.request to PMD:IS_UNITDATA_1.request into two DQPSK optical signals on orthogonal polarizatio and deliver them to the MDI," Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.
See resolution to comment #67
C/ 154 SC 154.7.1 P109 L49 # 40
Bruckman, Leon Huawei
Comment Type E Comment Status D "Minimum channel spacing" is not defined.
SuggestedRemedy "Minimum channel spacing" is defined in ITU-T G.671 clause 3.2.3.17 as: "The centre-to
centre difference in frequency or wavelength between adjacent channels in a WDM device
it

So in clause 154.8 it can be defined as: "The minimum channel spacing, as defined in Recommendation ITU-T G.671, shall be within the limits given in Table 154-8."

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE. See resolution to comment #84

C/ 80 SC 80	0.1.5	P50	L 3	# 41	CI 80	SC 80.1	P 49	L12	# 44
rowbridge, Steve		Nokia			Maguire, Val	erie	The Siemon	Company	
Comment Type I Editor's note is i		Comment Status D		bucket	Comment Ty Missing	<i>pe</i> E oxford comma.	Comment Status D		bucke
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roposed Response	ie F	Response Status 🛛 🛛 🛛 🛛 🛛 🛛 🖉			Proposed Re	esponse	Response Status W		
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80 SC 80	0.2.4	P 51	L 5	# 42	Comment Ty		Comment Status D		bucke
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UggestedRemedy Change the enti Clause 83 spec type of the corre a) Clause 94 sp b) Clause 135 s c) Clause 153 s roposed Response PROPOSED AC Implement the s	tire paragra cifies 40GB, responding pecifies a P specifies a l specifies a l re F CCEPT IN suggested	ph to: ASE-R and 100GBASE-R rate. Additional PMAs are MA that may be used onl PMA that may be used in PMA that is used in the 10 Response Status W PRINCIPLE. remedy with editoral licen	R PMAs that may only applicable y in a 100GBASI other 100GBAS 00GBASE-ZR PI	be used with any PHY to specific PHY types: E-KP4 PHY. E-P PHY types. HY.	Format, Proposed Re PROPO See resp Cl 154 Maguire, Val Comment Ty Should " SuggestedR	esponse SED ACCEPT I ponse to comme SC 154.5.4 erie rpe E (compliant 1000 emedy	Response Status W N PRINCIPLE. ent 58. P106 The Siemon Comment Status D	L 9 Company e line as "AND"?	# 4 <u>6</u> Bucke
uggestedRemedy Change the entit Clause 83 spect type of the corre a) Clause 94 sp b) Clause 135 s c) Clause 153 s roposed Response PROPOSED AC Implement the s / 152 SC 15 rowbridge, Steve	tire paragra cifies 40GB, responding pecifies a P specifies a specifies a specifies a specifies a ccept IN suggested 52.7	ph to: ASE-R and 100GBASE-R rate. Additional PMAs are MA that may be used onl PMA that may be used in PMA that is used in the 10 Response Status W PRINCIPLE. remedy with editoral licen P77 Nokia	R PMAs that may only applicable y in a 100GBASI other 100GBAS 00GBASE-ZR PI	be used with any PHY to specific PHY types: E-KP4 PHY. E-P PHY types. HY.	Format, Proposed Re PROPO See resp Cl 154 Maguire, Val Comment Ty Should " SuggestedR	esponse SED ACCEPT I bonse to comme SC 154.5.4 erie vpe E (compliant 1000 emedy extraneous car	Response Status W N PRINCIPLE. ent 58. P106 The Siemon Comment Status D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Buck
uggestedRemedy Change the entit Clause 83 spect type of the corred a) Clause 94 sp b) Clause 135 s c) Clause 153 s roposed Response PROPOSED AC Implement the s / 152 SC 15 rowbridge, Steve omment Type	tire paragra cifies 40GB, responding pecifies a P specifies a l specifies a l specifies a l ccept IN suggested 52.7 ER e vestigial "	ph to: ASE-R and 100GBASE-R rate. Additional PMAs are MA that may be used onl PMA that may be used in PMA that is used in the 10 Response Status W PRINCIPLE. remedy with editoral licen	R PMAs that may e only applicable y in a 100GBASI other 100GBAS 00GBASE-ZR PI ase to ensure pro	be used with any PHY to specific PHY types: E-KP4 PHY. E-P PHY types. HY. per formatting.	Format, Proposed Re PROPO See resp Cl 154 Maguire, Val Comment Ty Should " SuggestedR Remove Proposed Re	esponse SED ACCEPT I bonse to comme SC 154.5.4 erie vpe E (compliant 1000 emedy extraneous car	Response Status W N PRINCIPLE. ent 58. P106 The Siemon <i>Comment Status</i> D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Bucke
Change the entit Clause 83 spect type of the correct a) Clause 94 sp b) Clause 135 s c) Clause 153 s PROPOSED AC Implement the s c/ 152 SC 15 rowbridge, Steve Comment Type I Need to replace	tire paragra cifies 40GB. responding pecifies a P specifies a l specifies a l composition of the specifies a l specifies a l composition of the suggested 52.7 ER e vestigial "	ph to: ASE-R and 100GBASE-R rate. Additional PMAs are MA that may be used onl PMA that may be used in PMA that is used in the 10 Response Status W PRINCIPLE. remedy with editoral licen P77 Nokia Comment Status D	R PMAs that may e only applicable y in a 100GBASI other 100GBAS 00GBASE-ZR PI ase to ensure pro	be used with any PHY to specific PHY types: E-KP4 PHY. E-P PHY types. HY. per formatting.	Format, Proposed Re PROPO See resp Cl 154 Maguire, Val Comment Ty Should " SuggestedR Remove Proposed Re	esponse SED ACCEPT I conse to comme SC 154.5.4 erie ype E (compliant 1000 emedy extraneous car esponse	Response Status W N PRINCIPLE. ent 58. P106 The Siemon <i>Comment Status</i> D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Bucke
uggestedRemedy Change the enti Clause 83 spec type of the corre a) Clause 94 sp b) Clause 135 s c) Clause 153 s roposed Response PROPOSED AC Implement the s 152 SC 15 rowbridge, Steve omment Type I Need to replace clause number. uggestedRemedy	tire paragra cifies 40GB. responding pecifies a P specifies a P specifies a I re F CCEPT IN suggested 52.7 ER e vestigial "	ph to: ASE-R and 100GBASE-R rate. Additional PMAs are MA that may be used onl PMA that may be used in PMA that is used in the 10 Response Status W PRINCIPLE. remedy with editoral licen P77 Nokia Comment Status D	R PMAs that may e only applicable y in a 100GBASI other 100GBAS 00GBASE-ZR PI ase to ensure pro	to specific PHY types: E-KP4 PHY. E-P PHY types. HY. per formatting. # 43	Format, Proposed Re PROPO See resp Cl 154 Maguire, Val Comment Ty Should " SuggestedR Remove Proposed Re	esponse SED ACCEPT I conse to comme SC 154.5.4 erie ype E (compliant 1000 emedy extraneous car esponse	Response Status W N PRINCIPLE. ent 58. P106 The Siemon <i>Comment Status</i> D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# <u>46</u> Buck
uggestedRemedy Change the enti Clause 83 spec type of the corre a) Clause 94 sp b) Clause 135 s c) Clause 153 s roposed Response PROPOSED AC Implement the s f 152 SC 15 rowbridge, Steve omment Type I Need to replace clause number. uggestedRemedy Change "Clause	tire paragra cifies 40GB, responding pecifies a P specifies a l specifies a l cCEPT IN suggested 52.7 ER e vestigial " , e 200" to C 34.	ph to: ASE-R and 100GBASE-R rate. Additional PMAs are MA that may be used onl PMA that may be used in PMA that is used in the 10 Response Status W PRINCIPLE. remedy with editoral licen P77 Nokia Comment Status D Clause 200" from the Fra	R PMAs that may e only applicable y in a 100GBASI other 100GBAS 00GBASE-ZR PI ase to ensure pro	to specific PHY types: E-KP4 PHY. E-P PHY types. HY. per formatting. # 43	Format, Proposed Re PROPO See resp Cl 154 Maguire, Val Comment Ty Should " SuggestedR Remove Proposed Re	esponse SED ACCEPT I conse to comme SC 154.5.4 erie ype E (compliant 1000 emedy extraneous car esponse	Response Status W N PRINCIPLE. ent 58. P106 The Siemon <i>Comment Status</i> D GBASE-R)]" be on the sam	L 9 Company e line as "AND"?	# 4 <u>6</u> Bucke

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

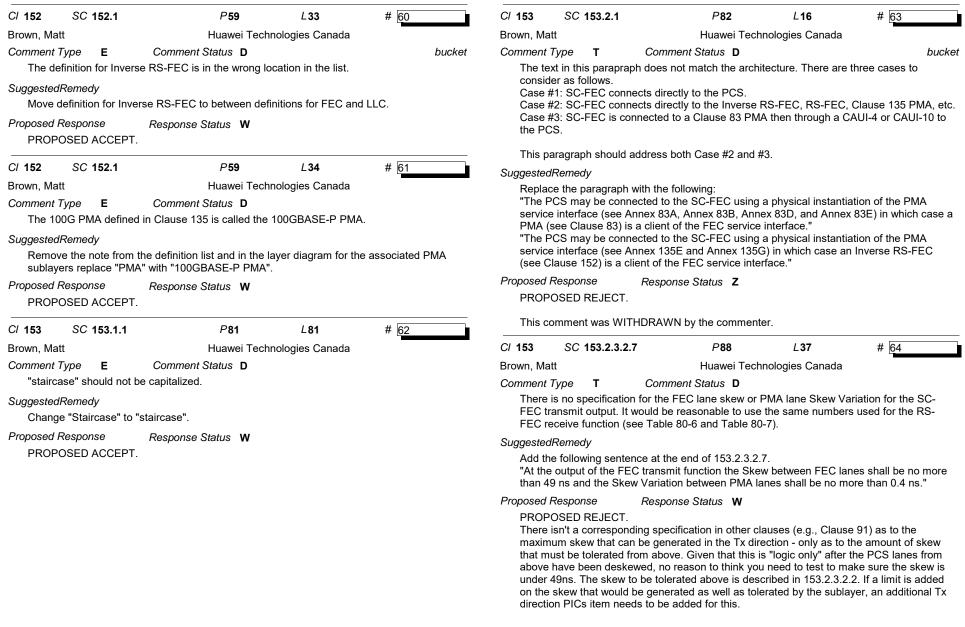
CI 45	SC 45.2.1	P 24	L 8	# 47	C/ 80	SC 80.1.3	P 49	L16	# 51
Maguire, V	/alerie	The Siemon C	Company		Brown, M	/latt	Huawei Tecł	nologies Canada	1
Comment 802.30	<i>Type</i> E cg has published.	Comment Status D		buck		51	Comment Status D ble amendment instruction		bucke
Proposed	ce, "802.3cg-20xx Response	" with, "802.3cg-2019" Response Status W			Cha Imp	ort Figure 80-1 an	"Replace figure 80-1 with the d make the necessary chang		
PROP 	SC 45.2.1.186	6 P 36	L 9	# 48	"In F	igure 80-1, chang	struction to the following: je the list of medium types as)GBASE-P, or 100GBASE-Z		ke-out and underline
Maguire, ∖	/alerie	The Siemon C	Company		Propose	d Response	Response Status W		
Comment 802.30	<i>Type</i> E cg has published.	Comment Status D		bucke		POSED ACCEP			
Suggested Replac	IRemedy ce, "802.3cg-20xx	" with, "802.3cg-2019"			und	er CGMII as follow	and replace with "In Figure 8 /s:)GBASE-P, or 100GBASE-Z	-	
	Response OSED ACCEPT.	Response Status W			C/ 80	SC 80.1.4	P 49	L 25	# 52
		.			Brown, M	/latt	Huawei Tech	nologies Canada	1
C/ 125	SC FM	P 1	L 26	# 49	Comme		Comment Status D		bucke
Brown, Ma Comment		Huawei Techr Comment Status D	nologies Canada	buck	tran	scoding as this on	not relevant and for Clause e of many subfunctions withi		
spellin	Ig					edRemedy			
Suggested Chang	dRemedy ge "EEE" to "IEEE				"Sor	nge to: ne 100GBASE-Z ıse153."	Physical Layer devices also	use the FEC of C	lause 91 or the FEC of
,	Response POSED ACCEPT.	Response Status W				d Response POSED ACCEP ⁻	Response Status W		
C/ 1	SC 1.4	P 22	L 27	# 50	C/ 80	SC 80.2.2	P 50	L 34	# 53
Brown, Ma	att	Huawei Techr	nologies Canada		Brown, M	<i>l</i> att	Huawei Tech	nologies Canada	1
Comment only o	<i>Type</i> E ne defintion	Comment Status D		buck	001111101	••	Comment Status D added to the list of PHY typ	es.	bucke
S <i>uggested</i> Chang	<i>Remedy</i> ge "definitions" to '	'definition"			00	edRemedy 100GBASE-Z to t	he list of PHY types.		
•	Response OSED ACCEPT.	Response Status W			Propose	d Response POSED ACCEP ⁻	Response Status W		

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

Comment ID 53

C/ 80 SC 80.2.4	P 51	L 6	# <u>5</u> 4		C/ 80	SC 80.4		P 52	L 50	# 57
Brown, Matt	Huawei Techr	nologies Canada			Brown, Ma	tt		Huawei Tech	nologies Canada	
Comment Type E There are no changes n	<i>Comment Status</i> D narked in the paragraph.			bucket	<i>Comment</i> No nee		<i>Comment</i> ne not-shown r		ient to refer to "un	bucke changed" rows.
SuggestedRemedy Underline the last sente	nce.				<i>Suggested</i> Chang	<i>Remedy</i> e "unchanged 4	0G rows" to "s	ome unchange	ed rows".	
Proposed Response PROPOSED ACCEPT I	Response Status W				You m FEC.	ight then reduce	e the table size	by deleting ro	ws for MAC, PCS,	and 100GBASE-R
See response to comme	ent 42.				Proposed PROP	Response OSED ACCEPT	Response IN PRINCIPL			
C/ 80 SC 80.3.2	P 51	L30	# <u>5</u> 5		Change					
Brown, Matt	Huawei Techr	nologies Canada			table.	e wording to ur	ichanged rows	not snown ar	la remove unchan	ged rows from the
Comment Type E Fix amendment markup	Comment Status D			bucket	C/ 80	SC 80.5		P 55	L1	# 58
SuggestedRemedy					Brown, Ma				nologies Canada	
Space after "Figure 80-4	1" should be undelined.				Comment	51	Comment	Status D		bucke
Proposed Response	Response Status W					er editor's note.				
PROPOSED ACCEPT.					Suggestea					
C/ 80 SC 80.3.2	P 52	L 1	# 56			-			nat and include "Eo	ditor's note:".
Brown, Matt		nologies Canada	# 30		Proposed I	Response OSED ACCEPT	Response .	Status W		
Comment Type E	Comment Status D	lologico cultada		bucket	FNOF		•			
Underlined text is not re	quired here.				C/ 152	SC 152.1.1		P 58	L11	# 59
					Brown, Ma	tt		Huawei Tech	nologies Canada	
SuggestedRemedy					Comment		<u> </u>	Ctature D		
SuggestedRemedy Remove underline on "F	igure 80-4a".				Comment	Туре Т	Comment	Status D		
Remove underline on "F	Figure 80-4a". Response Status W				This no 100GE	ew sublayer is ir	ntended in this	project for sup	pport of 100GBASE SE-P PHYs as we	E-ZR which is a II. It could be used for
Remove underline on "F Proposed Response	-				This no 100GE	ew sublayer is ir ASE-Z PHY an ASE-R PHYs.	ntended in this	project for sup		
Remove underline on "F Proposed Response	-				This n 100GE 100GE Suggested Chang "The Ir FEC) s	ew sublayer is ir ASE-Z PHY an ASE-R PHYs. <i>Remedy</i> e sentence to:	ntended in this d might be use sublayer spec	project for sup ed for 100GBA: ifies a Reed-So	SE-P PHYs as we olomon Forward E	
Remove underline on "F Proposed Response	-				This n 100GE 100GE Suggested Chang "The Ir FEC) s	w sublayer is ir ASE-Z PHY and ASE-R PHYs. <i>Remedy</i> e sentence to: werse RS-FEC sublayer for ASE-R, 100GB	ntended in this d might be use sublayer spec	project for sup ad for 100GBA	SE-P PHYs as we olomon Forward E	II. It could be used for

Comment ID 59



Comment ID 64

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C/ 153	SC 153.2.3.3	3.1	P 88	L 46	# 65	C/ 154	SC	154.5.2	P 104	L 44	# <u>6</u> 7
Brown, Ma	att		Huawei Techi	nologies Canada		Brown, Ma	att		Huawei T	echnologies Canad	la
Comment	Туре Т	Comment S	Status D			Comment	Туре	т	Comment Status D		
of Ske	ew and Skew Va	iation. Also, the	e numbers are	still TBD; it woul	le this means tolerance d be reasonable to use 80-6 and Table 80-7).	tx_syr	nbol pa	arameter. A	1.2 is incorrect. It is a str Although tx_symbol is ea what mysterious.		mbols transferred via the referenced 116.3 its
Suggestee	dRemedy					Suggested	dReme	dy			
ns bei lanes Proposed	ge the sentence tween FEC and a maximum <i>Response</i> POSED ACCEPT			naximum Skew of 180	"The P the PM interfa PMD:I optica	PMD Ti MD ser ice me IS_UNI I signa	vice ssages PM ITDATA_1 Is on ortho	following: oction shall convert the tv ID:IS_UNITDATA_0.requ request(tx_symbol) into gonal polarizations and c	uest(tx_symbol) and two DQPSK	d	
C/ 153	SC 153.3.2		P 96	LO	# 66	specif		s in this cla			
Brown, Ma	att		Huawei Techi	nologies Canada					s from each tx_symbol p as specified in Table 154		changes to each of the
Comment	Туре Т	Comment S	Status D			Proposed	•	0	Response Status W		
end to	o end skew. Norn ver, the stack for	nally, for new 10	00GBASE PH	Ys we would sim	e essential budgeting ply refer back to 80.5, is different in various	PROP Chang reques	POSED ge to "T sted by	ACCEPT The PMD T the PMD	IN PRINCIPLE. ransmit function shall co service interface messag request(tx_symbol) and	les	2
Suggestee	dRemedy										delivered to the MDI, all
	e skew points in a led with backgrou			SE-R/P in 80.5. A	presentation will be	The P	MĎ ma	aps symbo	it optical specifications i s from each tx_symbol p	arameter to phase	changes to each of the
Proposed	Response	Response S	tatus W			DQPS	K optio	cal signals	as specified in Table 154	⊦-4 ."	
	POSED ACCEPT										

C/ 154 SC 154.5.3 P105 L39	# 68	C/ 83C	SC 83C.4	P120	L 8	# 70
Brown, Matt Huawei Technologies Canada		Brown, Mat			Fechnologies Canad	
Comment Type T Comment Status D		Comment 7		Comment Status D	comorgioo camaa	bucke
The change made in D1.2 is incorrect. It is a stream of DPQSK symbol rx_symbol parameter. Although rx_symbol is earlier defined in the refer reference here is somewhat mysterious. The list of primitives is two so "and" not "to".	renced 116.3, its	Suggested	Remedy	ould refer to the inserted s v subclause 83C.4 at the o		s follows:"
SuggestedRemedy		Proposed F	Response	Response Status W		
Change the text in 154.5.3 to: The PMD Receive function shall convert the composite optical signal re	acaived from the	PROPO	DSED ACCEP	Т.		
MDI into two DQPSK symbol streams for delivery to the PMD service interface using		C/ 135A	SC 135A	P 122	L1	# 71
PMD:IS_ÚNITDATA_	, ,	Brown, Mat	t	Huawei T	Fechnologies Canad	la
0.indication(rx_symbol) and PMD:IS_UNITDATA_1.indication(rx_symbol the receive optical specifications in this clause.		Comment 7 Editing	51	Comment Status D s carried over from 802.30	cd and is not relevar	bucke nt in 802.3ct.
The PMD maps the phase changes on each of the DQPSK optical sign each rx symbol parameter as specified in Table 154-4.	hais to symbols on	Suggested	Remedv			
Proposed Response Response Status W		00	,	tion at the top of page 122	2.	
PROPOSED ACCEPT IN PRINCIPLE.		Proposed F	•	Response Status W		
Change to: "The PMD Receive function shall convert the composite optical signal r		PROPO	OSED ACCEP	Т.		
MDI into two DQPSK symbol streams for delivery to the PMD service in messages PMD:IS UNITDATA	nterface using the	C/ 135A	SC 135A.3	P 122	L	# 72
0.indication(rx_symbol) and PMD:IS_UNITDATA_1.indication(rx_symbol)	ol), all according to	Brown, Mat	t	Huawei T	echnologies Canad	la
the receive optical specifications in this clause. The PMD maps the phase changes on each of the retrieved DQPSK si each rx symbol parameter as specified in Table 154-4."	ignals to symbols on	Comment 7 Editina	51	Comment Status D build refer to the inserted s	ubclause.	bucke
and the last sentence of 154.5.3 to: "Table 154-4 shows the mapping of the phase change of the retrieved I	DQPSK signals to	Suggested	Remedy			
the DQPSK rx_symbol streams for delivery to the PMD service interfac	e."	U		v subclause 135A.3 at the	end of Annex 135A	as follows:"
Did 154 SC 154.5.4 P105 L48	# 69	Proposed F	Response DSED ACCEP	Response Status W		
Brown, Matt Huawei Technologies Canada						
Comment Type T Comment Status D	Bucket					
Although the service interface in 116.3 is used as a basis for specificati (which specifies the service interface for this PMD) further elaborates (leans, SIGNAL_OK parameter values, etc.) the details. Should reference	e.g., number of					
SuggestedRemedy Change "116.3" to "154.2".						
-						

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

PROPOSED ACCEPT.

on of the signal that is being and implementations that respond to of the modulated optical signal." g. L5 # 76 eds a value. Proposed is 0 dBm, requirements for the 80 km meetings that for most y adjusted.					
and implementations that respond to of the modulated optical signal." g. $L5$ # $\overline{76}$ eds a value. Proposed is 0 dBm, requirements for the 80 km meetings that for most					
and implementations that respond to of the modulated optical signal." g. $L5$ # $\overline{76}$ eds a value. Proposed is 0 dBm, requirements for the 80 km meetings that for most					
of the modulated optical signal." g. L 5 # 76 eds a value. Proposed is 0 dBm, requirements for the 80 km meetings that for most					
of the modulated optical signal." g. L 5 # 76 eds a value. Proposed is 0 dBm, requirements for the 80 km meetings that for most					
L5 # [76] eds a value. Proposed is 0 dBm, requirements for the 80 km meetings that for most					
eds a value. Proposed is 0 dBm, requirements for the 80 km meetings that for most					
requirements for the 80 km meetings that for most					
requirements for the 80 km meetings that for most					
requirements for the 80 km meetings that for most					
PROPOSED ACCEPT IN PRINCIPLE. For discussion and confirmation in Task Force meeting.					
g					
L11 # 77					
sted to specify 3 dBm, which is 3 dB					
g.					

C/ 154 SC 154.7.3	P 111	L 36	# <u>7</u> 8	C/ 154	SC 154.7.3	P 111	L 39	# 80
tassar, Peter	Huawei			Stassar, P	eter	Huawei		
omment Type TR C	Comment Status D			Comment	Type TR	Comment Status D		
At the January 2020 meetin dispersion to 1600 ps/nm. T				The pa delete		zero dispersion wavelength" d	loes not seem to	o useful. Should be
fiber. ITU-T SG15 at its rece Recommendation G.654, ac somewhat higher chromatic	dding new fiber type G.6	54.E, optimized f	for low loss, but with	Suggested Delete		ero dispersion wavelength" fro	om Table	
for usage inside the black lin case chromatic dispersion of a worst case link dispersion number for 80 km links. The	nk, because it may be a over the wavelength rang of 1931 ps/nm. 2000 ps relevant ITU-T Recom	ppealing for oper ge of interest is 2 s/nm would be ar mendations provi	ators/users. The worst 4.14 ps/nm, leading to appropriate rounded de a difference in	Proposed PROP	Response OSED ACCEPT	Response Status W		
maximum attenuation of 0.0	5 dB/km, implying a los	s difference of 4	dB over 80 km.	C/ 154	SC 154.7.3	P111	L 40	# 81
uggestedRemedy Replace 1600 by 2000				Stassar, P	eter	Huawei		
. ,				Comment	Type TR	Comment Status D		
oposed Response Re PROPOSED ACCEPT IN P For discussion and confirma		ting.		ps/nm		persion slope (max) (S0)" nee propriate minimum for both G		
154 SC 154.7.3	P111	L 37	# 79	Suggested	lRemedy			
	P 111 Huawei	L 37	# 79	••	<i>IRemedy</i> ce TBD by 0.05			
assar, Peter		L 37	# [79	••	ce TBD by 0.05	Response Status W		
assar, Peter <i>omment Type</i> TR <i>C</i> A dispersion of -200 ps/nm which are not anticipated to	Huawei Comment Status D will occur only when usin be used in C-band appl	ng G.653 (disper	sion shifted) fibers,	Replac Proposed PROP	ce TBD by 0.05 Response OSED ACCEPT		ting.	
assar, Peter <i>mment Type</i> TR <i>C</i> A dispersion of -200 ps/nm which are not anticipated to chromatic dispersion should	Huawei Comment Status D will occur only when usin be used in C-band appl	ng G.653 (disper	sion shifted) fibers,	Replac Proposed PROP	ce TBD by 0.05 Response OSED ACCEPT	IN PRINCIPLE.	ting.	# 82
assar, Peter <i>omment Type</i> TR <i>C</i> A dispersion of -200 ps/nm which are not anticipated to chromatic dispersion should <i>uggestedRemedy</i>	Huawei Comment Status D will occur only when usin be used in C-band appl	ng G.653 (disper	sion shifted) fibers,	Replace Proposed PROP For dis	ce TBD by 0.05 Response OSED ACCEPT scussion and cor SC 154.7.3	IN PRINCIPLE. nfirmation in Task Force meet	5	# 82
assar, Peter <i>omment Type</i> TR <i>C</i> A dispersion of -200 ps/nm which are not anticipated to chromatic dispersion should <i>uggestedRemedy</i> Replace -200 by 0 (zero)	Huawei Comment Status D will occur only when usin be used in C-band appl be 0 ps/nm for 0 km.	ng G.653 (disper	sion shifted) fibers,	Replace Proposed PROP For dis Cl 154	ce TBD by 0.05 <i>Response</i> OSED ACCEPT scussion and cor SC 154.7.3 eter	IN PRINCIPLE. nfirmation in Task Force meel P111	5	# <u>82</u>
assar, Peter <i>omment Type</i> TR <i>C</i> A dispersion of -200 ps/nm which are not anticipated to chromatic dispersion should <i>rggestedRemedy</i> Replace -200 by 0 (zero) <i>oposed Response Re</i> PROPOSED ACCEPT IN P	Huawei Comment Status D will occur only when usin be used in C-band appl be 0 ps/nm for 0 km.	ng G.653 (disper lications. Therefo	sion shifted) fibers,	Replac Proposed PROP For dis Cl 154 Stassar, P Comment There	ce TBD by 0.05 <i>Response</i> OSED ACCEPT scussion and cor <i>SC</i> 154.7.3 eter <i>Type</i> TR should be a valu	IN PRINCIPLE. nfirmation in Task Force meet P111 Huawei	L 42	t TP2" in accordance
A dispersion of -200 ps/nm which are not anticipated to chromatic dispersion should uggestedRemedy Replace -200 by 0 (zero) roposed Response Ref	Huawei Comment Status D will occur only when usin be used in C-band appl be 0 ps/nm for 0 km.	ng G.653 (disper lications. Therefo	sion shifted) fibers,	Replace Proposed PROP For dis Cl 154 Stassar, P Comment There with ag Suggested	ce TBD by 0.05 <i>Response</i> OSED ACCEPT scussion and cor <i>SC</i> 154.7.3 eter <i>Type</i> TR should be a valugreed resolution	IN PRINCIPLE. firmation in Task Force meet P111 Huawei Comment Status D ue 0f 25 dB for "Minimum opti	L 42	t TP2" in accordance
tassar, Peter omment Type TR C A dispersion of -200 ps/nm which are not anticipated to chromatic dispersion should uggestedRemedy Replace -200 by 0 (zero) roposed Response Re PROPOSED ACCEPT IN P	Huawei Comment Status D will occur only when usin be used in C-band appl be 0 ps/nm for 0 km.	ng G.653 (disper lications. Therefo	sion shifted) fibers,	Replace Proposed PROP For dis Cl 154 Stassar, P Comment There with ag Suggested	ce TBD by 0.05 Response OSED ACCEPT scussion and cor SC 154.7.3 eter Type TR should be a value greed resolution IRemedy ce TBD by 25	IN PRINCIPLE. firmation in Task Force meet P111 Huawei Comment Status D ue 0f 25 dB for "Minimum opti	L 42	t TP2" in accordanc

C/ 154	SC 154.7.3	P 111	L 43	# 83	C/ 154	SC 154.7.3	P111	L 36	# 86
Stassar, P	eter	Huawei			Stassar, Pet	er	Huawei		
Comment	Type TR	Comment Status D			Comment Ty	vpe T	Comment Status D		
	te reflectance be	s a black link there should no tween TP2 and TP3"	t be a requireme	nt for "Maximum	dispersi	on" may be con ch is unlikely in	ween brackets in the parame fusing and imply usage of di the anticipated applications	ispersion compe	nsation inside the black
Delete	e row for "Maximu	um discrete reflectance betwe	en TP2 and TP3	3" from Table	SuggestedR	,			
Proposed	Response	Response Status W			00		both parameter entries in Ta	able 154-10.	
		IN PRINCIPLE.	ling.		Proposed R	esponse	Response Status W		
C/ 1	SC 1.4	P 22	L	# 84		SED ACCEPT ussion and con	firmation in Task Force mee	eting.	
Stassar, P	eter	Huawei			C/ 153	SC 153.2.4.4	P 92	L 13	# 87
Comment		Comment Status D			Maniloff, Erio	С	Ciena		
We ma	ay need a definit	tion of channel spacing. The p	proposed definition	on is consistent with	Comment T	vpe E	Comment Status D		buckei
	e currently in Re	commendation ITU-T G 671			Commenting				DUCKER
the on Suggested	Remedy	ecommendation ITU-T G.671.			FAS_C	OMPARE shoul	d read COMP to be consiste	ent with the left si	
the one Suggested Add "1 wavele are ba grid for Proposed b	Remedy I.4.181a Channe ength between a ised on the grid f und in [ITU-T G. Response	el Spacing: The center-to-cent djacent channels in a WDM a found in [ITU-T G.694.1]. CW 694.2]." Response Status W	er difference in f pplication. DWD	M channel spacings	FAS_CC SuggestedR Change Proposed R PROPO	DMPARE shoul Remedy to COMP esponse ISED ACCEPT	d read COMP to be consiste <i>Response Status</i> W IN PRINCIPLE.		de of the block diagram
the one Suggested Add "1 wavele are ba grid for Proposed b	IRemedy I.4.181a Channe ength between a ised on the grid f und in [ITU-T G.	el Spacing: The center-to-cent djacent channels in a WDM a found in [ITU-T G.694.1]. CW 694.2]." Response Status W	er difference in f pplication. DWD	M channel spacings	FAS_CC SuggestedR Change Proposed R PROPO Change	DMPARE shoul Remedy to COMP esponse ISED ACCEPT the state name	d read COMP to be consiste <i>Response Status</i> W IN PRINCIPLE. in the box on the right side,	line 13 from FAS	de of the block diagram
the one Suggested Add "1 wavele are ba grid for Proposed b	Remedy I.4.181a Channe ength between a ised on the grid f und in [ITU-T G. Response	el Spacing: The center-to-cent djacent channels in a WDM a found in [ITU-T G.694.1]. CW 694.2]." Response Status W	er difference in f pplication. DWD	M channel spacings	FAS_CC SuggestedR Change Proposed R PROPO Change Cl 153	DMPARE shoul Remedy to COMP esponse SED ACCEPT the state name SC 153.2.4.4	d read COMP to be consistent Response Status W IN PRINCIPLE. In the box on the right side, P92		de of the block diagram
the on Suggested Add "1 wavele are ba grid fo Proposed I PROP C/ 1	IRemedy I.4.181a Channel ength between a ised on the grid f und in [ITU-T G. Response POSED ACCEPT	el Spacing: The center-to-cent djacent channels in a WDM a found in [ITU-T G.694.1]. CW 694.2]." <i>Response Status</i> W	er difference in f pplication. DWD DM channel spa	M channel spacings cings are based on the	FAS_CC SuggestedR Change Proposed R PROPO Change C/ 153 Maniloff, Eric	DMPARE shoul Remedy to COMP esponse USED ACCEPT the state name SC 153.2.4.4 c	d read COMP to be consiste <i>Response Status</i> W IN PRINCIPLE. in the box on the right side, <i>P</i> 92 Ciena	line 13 from FAS	de of the block diagram S_COMPARE to COMP # <u>88</u>
the on Suggested Add "1 wavele are ba grid fo Proposed PROP	IRemedy I.4.181a Channe ength between a ised on the grid f und in [ITU-T G. Response POSED ACCEPT SC 1.4	el Spacing: The center-to-cent djacent channels in a WDM a found in [ITU-T G.694.1]. CW 694.2]." <i>Response Status</i> W	er difference in f pplication. DWD DM channel spa	M channel spacings cings are based on the	FAS_CC SuggestedR Change Proposed R PROPO Change Cl 153 Maniloff, Eric Comment Ty	DMPARE shoul Compared to COMP esponse SED ACCEPT the state name SC 153.2.4.4 c ype E	d read COMP to be consistent <i>Response Status</i> W IN PRINCIPLE. in the box on the right side, <i>P</i> 92 Ciena <i>Comment Status</i> D	line 13 from FAS	de of the block diagram
the on Suggested Add "1 wavele are ba grid fo Proposed I PROP CI 1 Stassar, Pr Comment We ma consis	IRemedy I.4.181a Channe ength between a ised on the grid f und in [ITU-T G. <i>Response</i> OSED ACCEPT SC 1.4 eter <i>Type</i> TR ay need a definit stent with the one	el Spacing: The center-to-cent djacent channels in a WDM a found in [ITU-T G.694.1]. CW 694.2]." <i>Response Status</i> W <i>P</i> 22 Huawei	er difference in f pplication. DWD DM channel spa <i>L</i> loss. The propo	M channel spacings cings are based on the # <u>85</u>	FAS_CC SuggestedR Change Proposed R PROPO Change Cl 153 Maniloff, Eric Comment Ty FAS_CC SuggestedR	COMPARE shoul Compared to COMP esponse SED ACCEPT the state name SC 153.2.4.4 C C C E DMPAR is a typ Cemedy	d read COMP to be consistent Response Status W IN PRINCIPLE. in the box on the right side, P92 Ciena Comment Status D o	line 13 from FAS	de of the block diagram S_COMPARE to COMP # <u>88</u>
the on Suggested Add "1 wavele are ba grid fo Proposed I PROP CI 1 Stassar, Pr Comment We ma consis Suggested Add "1 of the	IRemedy I.4.181a Channe ength between a ised on the grid f und in [ITU-T G. <i>Response</i> OSED ACCEPT SC 1.4 eter <i>Type</i> TR ay need a definit stent with the one <i>IRemedy</i> I.4.401a polariza	el Spacing: The center-to-cent djacent channels in a WDM a found in [ITU-T G.694.1]. CWI 694.2]." <i>Response Status</i> W Comment Status D tion of polarization dependent	er difference in f pplication. DWD DM channel space <i>L</i> loss. The propose n ITU-T G.671. ation of insertion in the channel fr	M channel spacings cings are based on the # 85 sed definition is h loss due to a variation requency range	FAS_CC SuggestedR Change Proposed R PROPO Change Cl 153 Maniloff, Eric Comment Ty FAS_CC SuggestedR change Proposed R	DMPARE shoul Compared Semedy to COMP esponse SED ACCEPT the state name SC 153.2.4.4 C VPP E DMPAR is a typ Semedy FAS_COMPAR	d read COMP to be consistent Response Status W IN PRINCIPLE. in the box on the right side, P92 Ciena Comment Status D o to FAS_COMPARE Response Status W	line 13 from FAS	de of the block diagram S_COMPARE to COMP # <u>88</u>
the on Suggested Add "1 wavele are ba grid fo Proposed I PROP CI 1 Stassar, Pr Comment We ma consis Suggested Add "1 of the	ARemedy I.4.181a Channe ength between a lised on the grid f und in [ITU-T G. Response POSED ACCEPT SC 1.4 Peter Type TR ay need a definit tent with the one IRemedy I.4.401a polariza state of polariza M link) or channe	el Spacing: The center-to-cent djacent channels in a WDM a found in [ITU-T G.694.1]. CW 694.2]." Response Status W P22 Huawei Comment Status D tion of polarization dependent e currently in Recommendatio attion dependent loss: The vari tion (SOP) over all SOPs with	er difference in f pplication. DWD DM channel space <i>L</i> loss. The propose n ITU-T G.671. ation of insertion in the channel fr	M channel spacings cings are based on the # 85 sed definition is h loss due to a variation requency range	FAS_CC SuggestedR Change Proposed R PROPO Change Cl 153 Maniloff, Eric Comment Ty FAS_CC SuggestedR change Proposed R	COMPARE shoul Comedy to COMP esponse SED ACCEPT the state name SC 153.2.4.4 C VPE E DMPAR is a typ Cemedy FAS_COMPAR esponse	d read COMP to be consistent Response Status W IN PRINCIPLE. in the box on the right side, P92 Ciena Comment Status D o to FAS_COMPARE Response Status W	line 13 from FAS	de of the block diagram S_COMPARE to COMP # <u>88</u>

154 SC 154.8.13 P113 L47 # 8 <u>9</u>	C/ 154 SC 8.1 P112 L16 # 91
aniloff, Eric Ciena	DeAndrea, John Finisar II-VI
omment Type E Comment Status D	Comment Type E Comment Status D
The reach will likely be limited to < 80km for the unamplified case due to the input power	TBD not required
restriction, not the OSNR. So the comment "The associated channel loss will likely limit the maximum	SuggestedRemedy
reach of these applications to less than 80 km specified for amplified applications." should	Eliminate TBD
be in clause 154.8.13 rather than 154.8.15	Proposed Response Response Status W
lggestedRemedy	PROPOSED REJECT.
Move the text "The associated channel loss will likely limit the maximum reach of these applications to less than 80 km specified for amplified applications." from clause 154.8.15 to 154.8.13	No clarification is provided why TBD would not be required. See also response to comm #90
oposed Response Response Status W	Cl 154 SC 8.1 P112 L19 # 92
PROPOSED REJECT.	DeAndrea, John Finisar II-VI
The current sentence ""The requirement for OSNR(193.6) [unamplified] is intended to	Comment Type E Comment Status D
specify usage of the same receiver for unamplified applications with likely shorter links than 80 km, without including requirements for the associated medium."	Consider dropping table
has been inserted in D1.1 as a result to comment #24 to D1.0.	SuggestedRemedy
	SuggestedRemedy Drop table since a specific pattern is not required for testing transmitter characteristics.
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified].	
has been inserted in D1.1 as a result to comment #24 to D1.0.This sentence is about "OSNR(193.6) [unamplified].154SC 8.1P112L6# 90	Drop table since a specific pattern is not required for testing transmitter characteristics.
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified]. 154 SC 8.1 P112 L6 # 90 eAndrea, John Finisar II-VI	Drop table since a specific pattern is not required for testing transmitter characteristics. <i>Proposed Response Response Status</i> W PROPOSED REJECT. No clarification is provided why a list of test patterns is not required.
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified]. 154 SC 8.1 P112 L6 # 90 eAndrea, John Finisar II-VI omment Type E Comment Status D	Drop table since a specific pattern is not required for testing transmitter characteristics. <i>Proposed Response</i> <i>Response Status</i> W PROPOSED REJECT.
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified]. 154 SC 8.1 P112 L6 # 90 eAndrea, John Finisar II-VI	Drop table since a specific pattern is not required for testing transmitter characteristics. <i>Proposed Response Response Status</i> W PROPOSED REJECT. No clarification is provided why a list of test patterns is not required.
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified]. 154 SC 8.1 P112 L6 # 90 eAndrea, John Finisar II-VI omment Type E Comment Status D "Any of the test patterns given for a particular test in Table 154-12 may be used to perform	Drop table since a specific pattern is not required for testing transmitter characteristics. Proposed Response Response Status W PROPOSED REJECT. No clarification is provided why a list of test patterns is not required. See also response to comment #90
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified]. 154 SC 8.1 P112 L6 # 90 Andrea, John Finisar II-VI <i>prement Type</i> E Comment Status D "Any of the test patterns given for a particular test in Table 154-12 may be used to perform that test." is not needed	Drop table since a specific pattern is not required for testing transmitter characteristics. Proposed Response Response Status W PROPOSED REJECT. No clarification is provided why a list of test patterns is not required. See also response to comment #90 Cl 154 SC 8.2 P112 L33 # 93
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified]. 154 SC 8.1 P112 L 6 # 90 eAndrea, John Finisar II-VI omment Type E Comment Status D "Any of the test patterns given for a particular test in Table 154-12 may be used to perform that test." is not needed used to perform that test."	Drop table since a specific pattern is not required for testing transmitter characteristics. Proposed Response Response Status W PROPOSED REJECT. No clarification is provided why a list of test patterns is not required. See also response to comment #90 Cl 154 SC 8.2 P112 L33 # 93 DeAndrea, John Finisar II-VI
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified]. 154 SC 8.1 P 112 L 6 # 90 Andrea, John Finisar II-VI <i>parment Type</i> E Comment Status D "Any of the test patterns given for a particular test in Table 154-12 may be used to perform that test." is not needed <i>uggestedRemedy</i> Remove sentance <i>poposed Response</i> Response Status W PROPOSED REJECT.	Drop table since a specific pattern is not required for testing transmitter characteristics. Proposed Response Response Status W PROPOSED REJECT. No clarification is provided why a list of test patterns is not required. See also response to comment #90 Cl 154 SC 8.2 P112 L33 # 93 DeAndrea, John Finisar II-VI Comment Type E Comment Status D
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified]. 154 SC 8.1 P112 L6 # 90 eAndrea, John Finisar II-VI omment Type E Comment Status D "Any of the test patterns given for a particular test in Table 154-12 may be used to perform that test." is not needed ImagestedRemedy regestedRemedy Remove sentance V PROPOSED REJECT. The intent of the sentence is to indicate that we need a similar Table with test patterns as for other in-force optical clauses. V	Drop table since a specific pattern is not required for testing transmitter characteristics. Proposed Response Response Status W PROPOSED REJECT. No clarification is provided why a list of test patterns is not required. See also response to comment #90 Cl 154 SC 8.2 P112 L33 # 93 DeAndrea, John Finisar II-VI Comment Type E Comment Status D eliminate sentance.
has been inserted in D1.1 as a result to comment #24 to D1.0. This sentence is about "OSNR(193.6) [unamplified]. 154 SC 8.1 P112 L6 # 90 eAndrea, John Finisar II-VI omment Type E Comment Status D "Any of the test patterns given for a particular test in Table 154-12 may be used to perform that test." is not needed Image: Comment Status D uggestedRemedy Remove sentance Response Status W PROPOSED REJECT. The intent of the sentence is to indicate that we need a similar Table with test patterns as	Drop table since a specific pattern is not required for testing transmitter characteristics. Proposed Response Response Status W PROPOSED REJECT. No clarification is provided why a list of test patterns is not required. See also response to comment #90 Cl 154 SC 8.2 P112 L33 # 93 DeAndrea, John Finisar II-VI Comment Type E Comment Status D eliminate sentance. SuggestedRemedy eliminate sentance "The transmitter is modulated using the test pattern defined in Table

C/ 154 SC 8.3	P 112	L38	# 94	C/ 154	SC 7.2	P111	L11	# 97
eAndrea, John	Finisar II-VI			DeAndrea, J	John	Finisar II-VI		
Comment Type E Modify	Comment Status D			Comment Ty TBD val		Comment Status D r damage threshold.		
<i>uggestedRemedy</i> Change to: "The ave	erage optical power is measured	per the test set	ıp in Figure 53-6."	SuggestedR For amp	blified links, 48	channel system can have 48	channels launch	ned at +1 dbm for 80
roposed Response PROPOSED REJEO No reason has beer See also resolution	n provided why the current descrip	ption is inappro _f	priate or wrong.	power is receiver threshol	s realized. Occ without a Del d for receiver	d power for +1 dBm launch p assionally, mistakes are mad ⁄lux or fiber span. Suggest us damage threshold.	e, and this total	power is applied to a
				Proposed Re	esponse	Response Status W		
C/ 154 SC 9.1 DeAndrea, John Comment Type E Modify sentence	P 114 Finisar II-VI Comment Status D	L 51	# <u>95</u>	The pow depends Making	s on its design connections to ion, should fur	: is inside the black link. The c and are fundamentally outsic o other equipment, inside the ndamentally not be taken as a	le the scope of the black link or even	nis specification. n outside the described
uggestedRemedy Change to: "whethe	r coupled into a fiber or from an o	open MDI active	output"	C/ 154	SC 8.1	P110	L 52	# 98
roposed Response	Response Status W			DeAndrea, J	John	Finisar II-VI		
PROPOSED REJEC	•			Comment Ty	ype T	Comment Status D		
inappropriate.	ription has been provided why the ce is completely consistent with si		0	Clause ²	153.2.3.2.6 So hannels provi	are not required, based on Clor crambler for dual polarization of de enogh randomization for of	optical signals. T	he scrambler and dual
/ 154 SC 6	P107	L 25	# 96	SuggestedR	Remedy			
eAndrea, John	Finisar II-VI	2.20	<i>n</i> 00			mpliance is to be achieved in		
omment Type E	Comment Status D					ncoder, and Clause 153.2.3.2 for transmit parameter meas		rovide a sufficient
•••	clear, "However, it does not enab	le interoperabili	lv at multichannel	Proposed Re	-	Response Status W		
	optical multiplexer and demultiple e multichannel points? If a single of	exer that are like channel is only s	ly to be included in the	, PROPO	,	, IN PRINCIPLE.		
points between the black link" What are	tics, then mentioning interoperabi							
points between the oblack link" What are transfer characterist needed.	tics, then mentioning interoperabi							
points between the oblack link" What are transfer characterist needed.	tics, then mentioning interoperabi							

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

C/ 154 SC 154.7.1 P110 L	5 # 99	C/ 154 SC 154.8.1 P111 L11 # 102
Schmitt, Matt CableLabs		Schmitt, Matt CableLabs
Comment Type T Comment Status D		Comment Type T Comment Status D
For the TBD value of "Average channel output power (max) adopting the same value as the CableLabs PHYv1.0 specifi safety threshold (as opposed to a power level anyone thoug SuggestedRemedy Change "TBD" to "7" for "Average channel output power (mathing)	ication, which was selected as a ght would ever be used).	For the TBD value of "Damage threshold" in Table 154-9, the most energy that could hit the receiver if a transmitter and receiver are connected back to back would nominally be the same as the max output from the transmitter as defined in Table 154-8. However, if the signal were fed into an optical ampplifier before being connected to the receiver it could be much higher. Therefore, for additional safety in this case, propose setting the value to +18 dBm.
Proposed Response Response Status W		SuggestedRemedy
PROPOSED REJECT.		Change "TBD" to "18" for "Damage threshold" in Table 154-9.
This value is unnecesarily high for the intended application. See also resolution to comment #76		Proposed Response Response Status W
		PROPOSED REJECT.
C/ 154 SC 154.8.1 P111 L	1 # 100	The proposed value is unnecessarily high. See resolution to comments #97 and #77.
Schmitt, Matt CableLabs		
Comment Type E Comment Status D		C/ 154 SC 154.8.1 P111 L42 # 103
Shouldn't Table 154-9 be in Sub-clause154.7.2 as in previou		Schmitt, Matt CableLabs
that it isn't inline with that text? If not, it should be moved th	iere.	Comment Type T Comment Status D
SuggestedRemedy		In table 86-10, Optical Return Loss is defined as being measured at point TP2 looking
Move Table 154-9 back into sub-clause 154.7.2.		downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and
Proposed Response Response Status W		"Optical return loss at TP2" in Table 154-10 is redundant, since they are both the same thing measured at the same point (one implicitly, one explicitly). To be consistent with
PROPOSED REJECT. This is a cosmetic issue, which will be dealt with during the publication.	final editing just before	other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and removing "Optical return loss at TP2" from Table 154-10.
The current position of the Table is created automatically by	y AdobeFramemaker.	SuggestedRemedy
C/ 154 SC 154.8.1 P111 L	29 # 101	Delete the row from Table 154-10 for "Optical return loss at TP2".
		Proposed Response Response Status W
		PROPOSED ACCEPT IN PRINCIPLE.
Comment Type E Comment Status D Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in prev	viewe drafte? Is there a reason it	There is no earlier usage of black links inside IEEE 802.3 standards. The optical return loss is a characteristic of the black link between TP2 and TP3.
isn't inline with that text? If not, it should be moved there.		Therefore it is more appropriate to remove it from the transmitter characteristics in Table
SuggestedRemedy		154-8 and leave it in Table 154-10.
Move Table 154-10 back into sub-clause 154.7.3.		
Proposed Response Response Status W		
PROPOSED REJECT. This is a cosmetic issue, which will be dealt with during the	final editing just before	
publication. The current position of the Table is created automatically by	/ Adaba Framamalian	

C/ 154 SC 154.8.1	P 111	L 43	# <u>1</u> 04	C/ 154	SC 15	4.9.1	P114	L 44	# 106
Schmitt, Matt	CableLabs			Nicholl, Ga	ary		Cisco systems		
Comment Type T	Comment Status D			Comment	Туре 1	Г	Comment Status D		
	assar_3ct_01_200213, propos 'P2 and TP3" from Table 154-1		aximum discrete	P802.3 to P80	3cr is in th	ie 1st W ordinat	g general safety references ac /G ballot recirculation and is lik ion between TFs and the P802 nc	ely to comple	ete the ballot cycle prior
Delete the row from Ta TP3".	able 154-10 for "Maximum disc	rete reflectance	between TP2 and	Suggested		- ,			
Proposed Response PROPOSED ACCEPT See resolution to com				Chang equipn specifi	e "All equ nent subje	ect to th . Add E	subject to this clause shall con is clause shall conform to the e Editor's Note to be removed pri	general safet	y requirements as
C/1 SC1	P 21	L 14	# 105	Proposed			Response Status W		
Nicholl, Gary	Cisco systems	i		PROP	OSED AC	CEPT.			
Comment Type E	Comment Status D		bucket	C/ 154	SC 15	4.11	P117	L1	# 107
The "important Notice	" is no longer required accordir	ng to IEEE.		Nicholl, Ga	ary		Cisco systems		
SuggestedRemedy				Comment	Туре 1	Г	Comment Status D		
	h 24: IMPORTANT NOTICE:			lf Anne	ex J is ins	erted in	154.9.1 then the PICs require	updating.	
intended to ensure sa	fety, health, or environmental p om other devices or networks. I	protection, or ens	sure against	Suggestea					
	nsible for determining and com				-	afetv" F	PICS entry and use "Conform	s to .1 2" for \	/alue/format
safety, security, enviro	onmental, health, and interferen			Proposed		•	-		
applicable laws and regulations.				,	,		Response Status W IN PRINCIPLE.		
	s made available for use subje	ct to important r	notices and legal	PROP	USED AC	JUEP I	IN PRINCIPLE.		
This IEEE document is made available for use subject to important notices and legal disclaimers. These notices and disclaimers appear in all publications containing this document and may be found under the heading "Important Notice" or "Important Notices and Disclaimers Concerning IEEE					The "General Safety" PICS entry is not currently in the document but there is a proposal in support of comment 125. Modify any "General Safety" entries in response to comment 12 to "Conforms to J.2" for Value/Comment.				
Documents."	·			C/ 1	SC 1		P 1	L 27	# 108
They can also be obta	ained on request from IEEE or v org/IPR/disclaimers.html	viewed at		Nicholl, Ga	ary		Cisco systems		
Proposed Response				Comment	Type E	E	Comment Status D		bucke
PROPOSED ACCEPT	Response Status W			IEEE S	Std 802.30	cm-202	0 and 802.3cq-2002 have now	been approv	ed
				Suggestea	lRemedv				
				00	e 802.3cn	n-20XX	to 802.3cm-2020 and 802.3cc	-20XX to 802	2.3cq-2020 throughout
				Proposed	Response	9	Response Status W		

Comment ID 108

							D		
CI 80	SC 80.1.3	P 49	L10	# 109	C/ 80	SC 80.1.5	P 50	L 6	# 112
Nicholl, G		Cisco systems	5		Nicholl, G		Cisco systems		
Comment Extra	t <i>Type</i> E space between "a	Comment Status D nd " and "in"		bucket	Commen Table	••	<i>Comment Status</i> D g a column for Clause 135.		bucket
00	<i>dRemedy</i> e extra space.				00	edRemedy a column for Clau	ise 135.		
	Response POSED ACCEPT.	Response Status W			•	l Response POSED ACCEPT	Response Status W		
CI 80	SC 80.1.3	P 49	L14	# 110	C/ 80	SC 80.1.5	P 50	L 6	# 113
Nicholl, G	ary	Cisco systems	5		Nicholl, G	Bary	Cisco systems		
Comment	tType E	Comment Status D		bucket	Commen	t Type E	Comment Status D		bucket
The e	editing instruction s	tates "Change Figure 80-1 in	1 80.1.3 as follo	vs:", but there is no	Table	e 80-4b is a new t	able , so there should be no un	derlining.	
	re 80-1" in the doc				Suggeste	dRemedy		-	
Suggeste	dRemedy				00	te all underlining i	n Table 80-1b		
Impo	rt Figure 80-1 and	update accordingly.							
Proposea	Response	Response Status W			,	l Response	Response Status W		
,	POSED ACCEPT	,			PRO	POSED ACCEPT	-		
	esponse to comm				CI 80 Nicholl, G	SC 80.3.2	P 51 Cisco systems	L 28	# 114
C/ 80	SC 80.1.5	P 50	L3	# 111	Commen	,	Comment Status D		bucket
Nicholl, G		Cisco systems		"		51	100GBASE-R and 100GBASE-F	þ	DUCKEL
Comment	tType E	Comment Status D		bucket	Suggeste	edRemedy			
	ig instruction state ed is actually Tabl	s "Insert Table80–4 after Tab e 80-4b.	ole 80-4a as follo	ows:", but the tabel	Uses	strikethrough for t	he extra space after the "and"		
	dRemedy				Proposed	l Response	Response Status W		
00		on to read " "Insert Table80–4	1h aftar Tabla 8) 4a as follows:"	PRO	POSED ACCEPT	ī.		
•	8			J-4a as 10110WS.					
	Response	Response Status W IN PRINCIPLE.							
See r	esponse to comm	ent 41.							

C/ 80	SC 80.3.2	P 51	L 30	# <u>1</u> 15		C/ 152	SC 152.5.1	P61	L 47	# <u>1</u> 18
Nicholl, G	ary	Cisco systems				Lewis, Dav	id	Lumentum		
Comment Missir	<i>Type</i> E ng underline, unde	Comment Status D er space.		Ł	bucket	<i>Comment</i> The ca	51	Comment Status D 2-2 does not say what it is a	function block dia	<i>bucket</i> agram of.
Suggestee Chang		, " to "Figure 80–4a, "				<i>Suggested</i> Chang	•	erse RS-FEC sublayer fun	tional block diagr	am".
	Response POSED ACCEPT	Response Status W IN PRINCIPLE.				Proposed I PROP	Response OSED ACCEPT	Response Status W		
See re	esponse to comm	nent 55.				C/ 154	SC 154.7.1	P110	L 26	# 119
CI 80	SC 80.3.2	P 52	L1	# 116		Lewis, Dav	id	Lumentum		
Nicholl, G	ary	Cisco systems				Comment	Туре Т	Comment Status D		
There Suggestee	Comment Type E Comment Status D buck There should be no underline in editing instruction buck buck buck SuggestedRemedy Remove underline in editing instruction buck					return transm reflecte maxim	loss from the bla itter and a return ed back into the um.	rance should be a minimun ick link of 24 dB would resu n loss from the black link of transmitter. Therefore the	It in more power r 26 dB would resu	eflected back into the Ilt in less power
Proposed	Response	Response Status W				Suggested			· · · · · · · · · · · · · · · · · · ·	
	, POSED ACCEPT	,				•	•	"Optical return loss tolerand	ce (min)"	
See re	esponse to comm	nent 56				Proposed I	Response OSED REJECT.	Response Status W		
	•					The inc	dication of "max'	for Optical return loss tole	rance has been co	onsistently used in all in-
CI 80	SC 80.4	P 52	L 49	# <u>1</u> 17			ptical clauses, s	ince Clause 52. ninimum value of "return lo	ss" but rather for "	return loss tolerance"
	<i>Type</i> E to reference 802.	Cisco systems Comment Status D .3cu in editing instruction		Ŀ	oucket	thus it Curren it shou	is about tolerand tly there is no de ld be max or mir		Clause 1. It could at it would be nee	be confusing whether ded to modify the
Suggester		tion from "Change Table80–5	as modified by	LEEE Std 802 3cd		mainte	nance.			
		anged 40G rows not	as mounieu by		-	C/ 154	SC 154.8.1	P 112	L 27	# 120
showr to	ו)"					D'Ambrosia	a, John	Futurewei,	J.S. Subsidiary of	Huawei
	ige Table80–5 (a	s modified by IEEE Std 802.3d	d-2018 and IE	EE Std 802.3cu-xx)	as	Comment	Type TR	Comment Status D		
follow showr	s (unchanged 40 າ)"	G rows not						154-12 is TBD. There are ng to Table 154-12 in the d		meters requiring a test
Proposed	Response	Response Status W				Suggested	Remedy			
PROF	POSED ACCEPT					Delete	the contents of	the entire row for the "TBD	' entry	
							, OSED REJECT.	Response Status W		
COMMEN		ed ER/editorial required GR/g spatched A/accepted R/reject ID					Z/withdrawn	Com	ment ID 120	Page 23 of 24 3/3/2020 1:33:46

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C/ 154	SC 154.8.1	P 112	L15	# 121	C/ 45	SC 4	5.2.1.21b	P 27	L35	# <u>1</u> 24
D'Ambrosia	, John	Futurewei, U.S	Subsidiary of I	Huawei	Issenhuth,	Tom		Huawei		
Comment T	ype TR	Comment Status D			Comment	Туре	E	Comment Status D		
The las	t entry in Table	154-11 is TBD. There are no	other defined te	st patterns.				inserted by IEEE Std 802.3d		
Suggested	Remedy				,			19 and modifed by IEEE Std	802.3cu-20xx.	
1. Dele	te the contents of	of the entire row for the "TBD"	entry		Suggested					
2. Rena	ame Table 154-1	1 to "Test Pattern"			Chang	je "as ins	serted by I	EEE Std 802.3cu-20xx" to "a	as modified by	IEEE Std 802.3cu-20x
Proposed Response Response Status W PROPOSED REJECT. No evidence has been provided that not more than one test pattern is					Proposed PROP	•	e CCEPT.	Response Status W		
appropi	riate/necessary. to resolution to c			-	C/ 154 Issenhuth,		54.11.13	P 118 Huawei	L1	# 125
C/ 154	SC 154.8.1	P 112	L 22	# 122	Comment		Е	Comment Status D		
D'Ambrosia	. John	Futurewei, U.S	. Subsidiarv of l	Huawei				in 154.11.3 are incomplete.		
Comment T	-	Comment Status D	,		Suggested	Remedy	,			
There has only been one test pattern defined in Table 154- in that can be used in Table						-		ICS tables with the informati	on from issenh	uth 3ct 04 0320
154-12	for the optical p	arameters.			Proposed		•	Response Status W		
Suggested	Remedy				,	'		N PRINCIPLE.		
Change	e TBD in all optio	cal paramaeter entries to Patte	ern 5.							
Proposed F	Response	Response Status W						entry for "General Safety" is comment 107.	added, align t	he Value/Comment wit
	OSED REJECT. solution to comm	nents #90 and #123.					inent non	Comment 107.		
C/ 154	SC 154.8.1	P 112	L18	# 123						
D'Ambrosia	, John	Futurewei, U.S	Subsidiary of I	Huawei						
Comment T	<i>уре</i> Е	Comment Status D								
		12 seems incorrect. The ITest ing defined is the test patterns								
Suggested	Remedy									
Change subclau		54-12 to "Optical Parameter Te	est-pattern defi	nitions and related						
Proposed F	Response	Response Status W								
	OSED REJECT.									
The wh	ole topic of test	patterns still needs to be com en established, the correct title		nod						