C/ 45 SC 45.2.1.1	186aa.1	P 36	L35	# 1	C/ 45	SC 45.2.1.18	6.db.8	P 38	L 33	# 4
ruckman, Leon		Huawei			Bruckman,	Leon		Huawei		
omment Type T	Comment S	Status X			Comment 7	Туре Т	Commen	nt Status X		
The "IFEC bypass in error indication functi					The "IF the FE	EC bypass indi C error indicatio	ication ability" on function ca	" bit when set to in be bypass.	a one one indica	ites that the bypass o
uggestedRemedy					Suggestedl	Remedy				
Change: "When set t					Change indicati		et to one to inc	dicate that the d	lecoder has this a	ability to bypass error
to: "When set to a on	ne, this bit enables	s bypass of the	error indication	function."	to-"This	s hit is sat to an	o to indicato t	that the decoder	r has this ability t	o bypass the error
Proposed Response	Response S	tatus O			indicati	on function."			i nas triis ability t	o bypass the error
					Proposed F	Response	Response	e Status O		
45 SC 45.2.1.1	186aa.1	P 36	L37	# 2						
ruckman, Leon		Huawei			CI 45	SC 45.2.1.18	86ah.2	P 41	L 40	# 5
omment Type E	Comment S	Status X			Bruckman,	Leon		Huawei		
Text not clear					Comment 1	Гуре Е	Commen	t Status X		
uggestedRemedy						istent bracketing	g. In clause 1	53.2.4.1.1 the va	ariable is indicate	ed as: fas lock <x></x>
Change: "Writes to b				f the Inverse RS-FEC	Inconsi		g. In clause 1	53.2.4.1.1 the v	ariable is indicate	ed as: fas_lock <x></x>
Change: "Writes to b				f the Inverse RS-FEC emote PCS layer (see	Inconsi <i>Suggestedi</i> Change	Remedy e: "fas_lock[7]",	to:"fas_lock<	<7>". The same		ed as: fas_lock <x></x>
Change: "Writes to b does not have the ab	pility to bypass ind	licating decodin and reads retur	ng errors to the r	remote PCS layer (see	Inconsi <i>Suggestedi</i> Change	R <i>emedy</i> e: "fas_lock[7]", s 45.2.1.186ah.3	to:"fas_lock< 3 to 45.2.1.18	<7>". The same		
Change: "Writes to b does not have the ab 152.5.2.3).", to: "Writes to bit 1.22 not have the ability to 152.5.2.3)."	pility to bypass ind	licating decodin and reads retur g error indicatio	ng errors to the r	remote PCS layer (see	Inconsi Suggestedi Change clauses	R <i>emedy</i> e: "fas_lock[7]", s 45.2.1.186ah.3	to:"fas_lock< 3 to 45.2.1.18 <i>Response</i>	<7>". The same 36ai.12.		
Change: "Writes to b does not have the ab 152.5.2.3).", to: "Writes to bit 1.22 not have the ability to 152.5.2.3)."	bility to bypass ind 200.1 are ignored o bypass decoding	licating decodin and reads retur g error indicatio	ng errors to the r	remote PCS layer (see	Inconsi Suggested Change clauses Proposed F	Remedy e: "fas_lock[7]", s 45.2.1.186ah.: Response SC 45.2.1.1 8	to:"fas_lock< 3 to 45.2.1.18 <i>Response</i>	<7>". The same 86ai.12. ∌ <i>Status</i> O	for all other 19 la	nes in the following
Change: "Writes to b does not have the ab 152.5.2.3).", to: "Writes to bit 1.22 not have the ability to 152.5.2.3)." roposed Response	200.1 are ignored bypass decoding <i>Response</i> S	licating decodin and reads retur g error indicatio	ng errors to the r	remote PCS layer (see	Inconsi Suggestedi Change clauses Proposed F Cl 45	Remedy e: "fas_lock[7]", s 45.2.1.186ah.: Response SC 45.2.1.18 Leon	to:"fas_lock< 3 to 45.2.1.18 <i>Response</i> 36aj	<7>". The same 36ai.12. • <i>Status</i> O P 45	for all other 19 la	nes in the following
Change: "Writes to b does not have the ab 152.5.2.3).", to: "Writes to bit 1.22 not have the ability to 152.5.2.3)." roposed Response	200.1 are ignored o bypass decoding <i>Response</i> S 186aa.2	licating decodin and reads retur g error indicatio <i>tatus</i> O <i>P</i> 36 Huawei	ng errors to the r rn a zero if the Ir ns to the remote	emote PCS layer (see nverse RS-FEC does e PCS layer (see	Inconsi Suggestedi Change clauses Proposed F CI 45 Bruckman, Comment T Lane id	Remedy e: "fas_lock[7]", s 45.2.1.186ah. Response SC 45.2.1.18 Leon Type TR	to:"fas_lock< 3 to 45.2.1.18 <i>Response</i> 36aj <i>Commen</i> ill be separate	<7>". The same 36ai.12. a Status O P45 Huawei at Status X ed from lane locl	for all other 19 la	nes in the following # [6
Change: "Writes to b does not have the ab 152.5.2.3).", to: "Writes to bit 1.22 not have the ability to 152.5.2.3)." troposed Response 4 45 SC 45.2.1.1 ruckman, Leon comment Type E	200.1 are ignored bypass decoding <i>Response</i> S 186aa.2	licating decodin and reads retur g error indicatio <i>tatus</i> O <i>P</i> 36 Huawei	ng errors to the r rn a zero if the Ir ns to the remote	emote PCS layer (see nverse RS-FEC does e PCS layer (see	Inconsi Suggestedi Change clauses Proposed F CI 45 Bruckman, Comment T Lane id	Remedy e: "fas_lock[7]", s 45.2.1.186ah.3 Response SC 45.2.1.18 Leon Type TR dentification sha dent on the lane	to:"fas_lock< 3 to 45.2.1.18 <i>Response</i> 36aj <i>Commen</i> ill be separate	<7>". The same 36ai.12. a Status O P45 Huawei at Status X ed from lane locl	for all other 19 la	nes in the following # [6
Change: "Writes to b does not have the ab 152.5.2.3).", to: "Writes to bit 1.22 not have the ability to 152.5.2.3)." Proposed Response 4 45 SC 45.2.1.1 ruckman, Leon comment Type E Text not clear	200.1 are ignored o bypass decoding <i>Response</i> S 186aa.2	licating decodin and reads retur g error indicatio <i>tatus</i> O <i>P</i> 36 Huawei	ng errors to the r rn a zero if the Ir ns to the remote	emote PCS layer (see nverse RS-FEC does e PCS layer (see	Inconsi Suggestedi Change clauses Proposed F Cl 45 Bruckman, Comment T Lane id depend Suggestedi	Remedy e: "fas_lock[7]", s 45.2.1.186ah.: Response SC 45.2.1.18 Leon Type TR Jentification sha Jent on the lane Remedy	to:"fas_lock< 3 to 45.2.1.18 <i>Response</i> 86aj <i>Commen</i> all be separate identification	<7>". The same 36ai.12. a Status O P45 Huawei at Status X ed from lane loch a status.	for all other 19 la <i>L</i> 16 k, so the value of	nes in the following # [6
Change: "Writes to b does not have the ab 152.5.2.3).", to: "Writes to bit 1.22 not have the ability to 152.5.2.3)." roposed Response 4 45 SC 45.2.1.1 ruckman, Leon omment Type E Text not clear uggestedRemedy Change: "Writes to th	bility to bypass ind 200.1 are ignored bypass decoding <i>Response S</i> 186aa.2 <i>Comment S</i> his bit are ignored	licating decodin and reads retur g error indicatio <i>tatus</i> O <i>P</i> 36 Huawei Status X	ng errors to the r rn a zero if the Ir ns to the remote	emote PCS layer (see nverse RS-FEC does e PCS layer (see	Inconsi Suggestedi Change clauses Proposed F CI 45 Bruckman, Comment 7 Lane id depend Suggestedi Add the depend	Remedy e: "fas_lock[7]", s 45.2.1.186ah. Response SC 45.2.1.18 Leon Type TR dentification sha dent on the lane Remedy e lane identifica	to:"fas_lock< 3 to 45.2.1.18 <i>Response</i> B6aj <i>Commen</i> all be separate i identification tion status bit	<7>". The same 36ai.12. <i>Status</i> O <i>P</i> 45 Huawei <i>Status</i> X ed from lane lock n status. ts to the MDIO a	for all other 19 la <i>L</i> 16 k, so the value of and make the land	tines in the following # <u>6</u>
does not have the ab 152.5.2.3).", to: "Writes to bit 1.22 not have the ability to 152.5.2.3)." Proposed Response 4 45 SC 45.2.1.1 ruckman, Leon comment Type E Text not clear ruggestedRemedy	bility to bypass ind 200.1 are ignored bypass decoding <i>Response S</i> 186aa.2 <i>Comment S</i> his bit are ignored	licating decodin and reads retur g error indicatio <i>tatus</i> O <i>P</i> 36 Huawei Status X	ng errors to the r rn a zero if the Ir ns to the remote	remote PCS layer (see nverse RS-FEC does e PCS layer (see # 3	Inconsi Suggestedi Change clauses Proposed F CI 45 Bruckman, Comment 7 Lane id depend Suggestedi Add the depend	Remedy e: "fas_lock[7]", s 45.2.1.186ah.: Response SC 45.2.1.18 Leon Type TR dentification sha dent on the lane Remedy e lane identifica dent on these bi nan_3ct_01_032	to:"fas_lock< 3 to 45.2.1.18 <i>Response</i> 36aj <i>Commen</i> all be separate e identification tion status bit its instead of 1 20.	<7>". The same 36ai.12. <i>Status</i> O <i>P</i> 45 Huawei <i>Status</i> X ed from lane lock n status. ts to the MDIO a	for all other 19 la <i>L</i> 16 k, so the value of and make the land	f lane mapping is
Change: "Writes to b does not have the ab 152.5.2.3).", to: "Writes to bit 1.22 not have the ability to 152.5.2.3)." Proposed Response 4 45 SC 45.2.1.1 ruckman, Leon comment Type E Text not clear uggestedRemedy Change: "Writes to th	bility to bypass ind 200.1 are ignored o bypass decoding <i>Response S</i> 186aa.2 <i>Comment S</i> his bit are ignored o bypass correction are ignored and r	licating decodin and reads retur g error indicatio <i>tatus</i> O <i>P</i> 36 Huawei Status X I and reads retur on.", reads return a z	ng errors to the r rn a zero if the Ir ns to the remote <i>L</i> 44	emote PCS layer (see nverse RS-FEC does e PCS layer (see # 3	Inconsi Suggestedi Change clauses Proposed F Cl 45 Bruckman, Comment T Lane id depend Suggestedi Add the depend bruckm	Remedy e: "fas_lock[7]", s 45.2.1.186ah.: Response SC 45.2.1.18 Leon Type TR dentification sha dent on the lane Remedy e lane identifica dent on these bi nan_3ct_01_032	to:"fas_lock< 3 to 45.2.1.18 <i>Response</i> 36aj <i>Commen</i> all be separate e identification tion status bit its instead of 1 20.	<7>". The same 36ai.12. a Status O P45 Huawei at Status X ed from lane lock a status. ts to the MDIO a fas lock. Detalis	for all other 19 la <i>L</i> 16 k, so the value of and make the land	f lane mapping is

CI 80	SC 80.1.5	P 50	L10	# <u>7</u>	C/ 152	SC	152.6.7	P 75	L 26	# <u>1</u> 0
Bruckman	, Leon	Huawei			Bruckman	, Leon		Huawei		
Comment	Туре Е	Comment Status X			Comment	Туре	Е	Comment Status X		
	e 80.1.4 indicates n in Table 80-4b	that the clause 74 FEC is o	ptional for 100G	BASE-Z, but it is not		ng word				
Suggested	dRemedv				Suggested		•			
00	lause 74 to table 8	30-4b as optional.				52.5.4.		assigned by the FEC alignme	ent state diagra	m snown in Figure 91-
Proposed	Response	Response Status O				nis varia 52.5.4.		igned by the FEC alignment	state diagram s	hown in Figure 91–9
C/ 152	SC 152.5.3.4	P 66	L 38	# 8	Proposed	Respor	ise	Response Status 0		
Bruckman	, Leon	Huawei								
Comment	Type E	Comment Status X			C/ 153	SC	153.2.1	P 82	L12	# 11
		bit error ratio in the data red			Bruckman	, Leon		Huawei		
		e BIP block error ratio by so w the same wording in othe			Comment	,,	т	Comment Status X		
Suggested	dRemedy				fec_al	lign_sta	tus is a no	isy indication		
dividin to: "Th	ng the BIP block e	atio in the data received from rror ratio by a factor of 1 08° the data received from the rrors by a factor of 1 081 34	1 344.", far-end PCS can			ce "fec_ ly are p	_align_stat resented i	us" , with: "fecl_align_indicat n contribution bruckman_3ct_ <i>Response Status</i> O		s sentence. Details of
Proposed	Response	Response Status 0								
					C/ 153	SC	153.2.3.2.	4 P85	L16	# 12
C/ 152	SC 152.6.4	P 75	L 8	# 9	Bruckman	, Leon		Huawei		
ruckman	. Leon	Huawei			Comment	Туре	Е	Comment Status X		
Comment	·	Comment Status X						er signal payload rate is large		
The "F	EC bypass indica	ation ability" bit when set to a function can be bypass. Se				ad rate.	UUGBASE	E-ZR of course, but it will be b	beneficial to ind	icate the carrier signal
		Tunction can be bypass. Se	e text in clause	91.0.2.	Suggestee	dRemec	ly			
Chang		s set to one to indicate that	the decoder has	the ability to bypass				"The Payload area of the SC 0) × 99.5328 Gb/s ±20 ppm."		
error i	ndication.",				Proposed	Respor	ise	Response Status 0		
	nis variable is set t tion function."	to one to indicate that the de	ecoder has the a	bility to bypass error	,	,		,		
Proposed	Response	Response Status O								

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

SC 153.2.3.2.	4 P85	L 50	# <u>1</u> 3	C/ 153	SC 153.2.3.	3.5	P 89	L 34	# <u>1</u> 6
ruckman, Leon	Huawei			Bruckman, Le	eon	Hu	lawei		
Comment Type E	Comment Status X			Comment Ty	pe T	Comment Stat	tus X		
Text needs to be fixed						nay be used to impl			
SuggestedRemedy Change: "as the ratios	of the two clock rates do no	ot provide a case	where",	receiver i	eceives valu nmaper do ir		t from the o	ones in Table 153	es in which the GMP 8-1. What should the emapper to do if
to: "as the ratio of the	two clock rates does not pro	vide a case whe	re"			ere mav be implem	entations b	ased on OTN red	ceivers that will be able
Proposed Response	Response Status O			to handle	the situation		o be 100G	BASE-ZR targete	ed reduced functionality
				SuggestedRe	emedy				
C/ 153 SC 153.2.3.2 . Bruckman, Leon	4 <i>P</i> 87 Huawei	L 3	# 14			tence: "If a C13:C0 mapper behavior is), or DI=1 and II=1 is
Comment Type E Text no clear	Comment Status X			Proposed Re	sponse	Response Stat	us O		
SuggestedRemedy				C/ 153	SC 153.2.3.	3.6	P 89	L 43	# 17
Change: "so this numbe	r are transmitted",			Bruckman, Le	eon	Hu	lawei		
to: "so this amount of o	tets are transmitted"			Comment Ty	be TR	Comment Stat	tus X		
Proposed Response	Response Status O			to clause	153.2.1 the				chieved, but according L.indication depends
X 153 SC 153.2.3.3.	1 <i>P</i> 88	L 41	# 15	SuggestedRe	emedy				
Bruckman, Leon	Huawei	241	π [13	in 153.2.	1. Details of i	9.2.2 rx_blobk_loc remedy including p n 3ct 01 0320.			OK parameter defined is presented in
Comment Type TR Separate lane identifica diagram.	Comment Status X tion from alignment, add refe	erence to the lane	e identification state	Proposed Re		Response Stat	us O		
SuggestedRemedy									
	ling propossed text for this c	lause is presente	ed in contribution						
bruckman_3ct_01_0320	l.								

C/ 153 SC 153.2.4	I.1.1 P90	L 12	# <u>1</u> 8	C/ 153 SC 153	.2.4.1.1	P 90	L 19	# <u>2</u> 1
Bruckman, Leon	Huawei			Bruckman, Leon		Huawei		
Comment Type TR	Comment Status X			Comment Type T	R Comn	nent Status X		
	eeded according to the state ion from the alignment proce		ed for the lane	In the new state of fas_match.	diagram describ	ed in bruckman_3	ct_01_0320 there	is no need for
SuggestedRemedy				SuggestedRemedy				
	riables: fecl_valid and lane_io			Remove fas_mat	ch			
including propossed bruckman_3ct_01_0	text for these variables is pre 320.	sented in contribut	tion	Proposed Response	Respo	nse Status O		
Proposed Response	Response Status O							
				C/ 153 SC 153	.2.4.1.1	P 90	L 22	# 22
C/ 153 SC 153.2.4	l.1.1 P90	L12	# 19	Bruckman, Leon		Huawei		
Bruckman, Leon	Huawei			Comment Type T	R Comn	nent Status X		
Comment Type TR	Comment Status X					ccording to the stat		ossed for the lane
	eded according to the updat	e of the deskew sta	ate diagram propossed	·	aration from the	alignment process	5.	
in bruckman_3ct_01	_0320.			SuggestedRemedy				to all the second with a state of
SuggestedRemedy				bruckman 3ct 0		ossed text for this	variable is presen	ited in contribution
	riables: fas_status, alignment possed text for these variabl 320.			Proposed Response	-	nse Status O		
Proposed Response	Response Status 0			C/ 153 SC 153	.2.4.1.1	P 90	L 29	# 23
				Bruckman, Leon		Huawei		
C/ 153 SC 153.2.4	I.1.1 P90	L12	# 20	Comment Type T	R Comn	nent Status X		
Bruckman, Leon	Huawei			current_fecl need	Is to be updated	d according to the s alignment process	state diagrams pro	opossed for the lane
Comment Type TR	Comment Status X				aration from the	alignment process	5.	
A	eded for the SIGNAL OK indi	cation state diagram	m propossed in	SuggestedRemedy	including prop	accord toxt for this :	variable is presen	tod in contribution
						ossed text for this	vanable is presen	
bruckman_3ct_01_0	320.			bruckman 3ct 0	1 0320.			
bruckman_3ct_01_0 SuggestedRemedy		Vedelle of severals 1	al a dia a managina a sa di 6 sa 6	bruckman_3ct_0 ⁻ Proposed Response	_	nse Status O		
bruckman_3ct_01_0 SuggestedRemedy Add the following vai	320. riable: fec_align_indication. E esented in contribution bruck			Proposed Response	_	nse Status O		

	1.1 <i>P</i> 90	L 41	# <u>2</u> 4	C/ 153 SC 153.2.4.3	P 91	L 27	# 27
Bruckman, Leon	Huawei			Bruckman, Leon	Huawei		
Comment Type TR	Comment Status X			Comment Type TR Co	omment Status X		
	updated according to the state on from the alignment process		ssed for the lane	New counters are needed fo bruckman_3ct_01_0320.	r the lane identification	i state diagram pr	ropossed in
SuggestedRemedy				SuggestedRemedy			
Details of remedy inclubruckman_3ct_01_032	uding propossed text for this v 20.	variable is presen	ted in contribution	Add the following counters: f propossed text for these cou			
Proposed Response	Response Status O			Proposed Response Re	esponse Status O		
X 153 SC 153.2.4.2	2 <i>P</i> 91	L15	# 25	C/ 153 SC 153.2.4.3	P 91	L 27	# 28
ruckman, Leon	Huawei			Bruckman, Leon	Huawei		
Comment Type TR	Comment Status X			Comment Type TR Co	omment Status X		
In the new state diagra	am described in bruckman_3o tion.	ct_01_0320 there	is no need for the	New counters are needed fo bruckman_3ct_01_0320.	r the SIGNAL OK state	e diagram propos	sed in
SuggestedRemedy				SuggestedRemedy			
SuggestedRemedy Remove the FAS_CO	MPARE function			Add the following counters: a			
,	MPARE function <i>Response Status</i> 0			Add the following counters: a including propossed text for			
Remove the FAS_CO				Add the following counters: a including propossed text for bruckman_3ct_01_0320.			
Remove the FAS_COI Proposed Response	Response Status O	L27	# 26	Add the following counters: a including propossed text for bruckman_3ct_01_0320.	these counters is prese		
Remove the FAS_CO Proposed Response Cl 153 SC 153.2.4.3	Response Status O 3 P91 Huawei	L27	# 26	Add the following counters: a including propossed text for bruckman_3ct_01_0320.	these counters is prese		
Remove the FAS_CO Proposed Response Cl 153 SC 153.2.4.3 Bruckman, Leon Comment Type TR	Response Status O 3 P91 Huawei Comment Status X			Add the following counters: a including propossed text for bruckman_3ct_01_0320. Proposed Response Re	these counters is presessonse Status O	ented in contribut	ion
Remove the FAS_CO Proposed Response Cl 153 SC 153.2.4.3 Bruckman, Leon Comment Type TR A new counter is need	Response Status O 3 P91 Huawei Comment Status X led for the alignmnet loss stat	e diagram propos	ssed in	Add the following counters: a including propossed text for bruckman_3ct_01_0320. Proposed Response Re Cl 153 SC 153.2.4.4 Bruckman, Leon	these counters is prese esponse Status O P 91	ented in contribut	ion
Remove the FAS_COL Proposed Response Cl 153 SC 153.2.4.3 Bruckman, Leon Comment Type TR A new counter is need bruckman_3ct_01_032	Response Status O 3 P91 Huawei Comment Status X	e diagram propos	ssed in	Add the following counters: a including propossed text for bruckman_3ct_01_0320. Proposed Response Re Cl 153 SC 153.2.4.4 Bruckman, Leon Comment Type TR Co The SIGNAL_OK parameter	these counters is prese sponse Status O P 91 Huawei omment Status X	L 35	ion # <u>29</u>
Remove the FAS_COL Proposed Response Cl 153 SC 153.2.4.3 Bruckman, Leon Comment Type TR A new counter is need bruckman_3ct_01_032 SuggestedRemedy	Response Status O 3 P91 Huawei Comment Status X led for the alignmnet loss stat 20 to keep the FAS position d	e diagram propos luring loss of aligr	ussed in animent	Add the following counters: a including propossed text for bruckman_3ct_01_0320. Proposed Response Re Cl 153 SC 153.2.4.4 Bruckman, Leon Comment Type TR Co The SIGNAL_OK parameter fec_align_status.	these counters is prese esponse Status O P 91 Huawei omment Status X of the FEC:IS_SIGNA	L.indication primi	# 29
Remove the FAS_COI Proposed Response Cl 153 SC 153.2.4.3 Bruckman, Leon Comment Type TR A new counter is need bruckman_3ct_01_032 SuggestedRemedy Add the following cour	Response Status O 3 P91 Huawei Comment Status X led for the alignmnet loss stat	e diagram propos luring loss of aligr of remedy includin	ussed in animent	Add the following counters: a including propossed text for bruckman_3ct_01_0320. Proposed Response Re Cl 153 SC 153.2.4.4 Bruckman, Leon Comment Type TR Co The SIGNAL_OK parameter	these counters is prese esponse Status O P 91 Huawei omment Status X of the FEC:IS_SIGNA ny lane looses alignme	<i>L</i> 35 L.indication primi	# 29
Remove the FAS_COI Proposed Response Cl 153 SC 153.2.4.3 Bruckman, Leon Comment Type TR A new counter is need bruckman_3ct_01_032 SuggestedRemedy Add the following cour	Response Status O 3 P91 Huawei Comment Status X led for the alignmnet loss stat 20 to keep the FAS position d hter: fas_in_counter. Details o	e diagram propos luring loss of aligr of remedy includin	ussed in animent	Add the following counters: a including propossed text for bruckman_3ct_01_0320. Proposed Response Re Cl 153 SC 153.2.4.4 Bruckman, Leon Comment Type TR Cu The SIGNAL_OK parameter fec_align_status. fec_align_status is false if ar	these counters is prese esponse Status O P 91 Huawei omment Status X of the FEC:IS_SIGNA ny lane looses alignme	<i>L</i> 35 L.indication primi	# 29
Remove the FAS_COL Proposed Response Cl 153 SC 153.2.4.3 Bruckman, Leon Comment Type TR A new counter is need bruckman_3ct_01_032 SuggestedRemedy Add the following cour this counter is present	Response Status O 3 P91 Huawei Comment Status Comment Status X led for the alignmnet loss stat 20 to keep the FAS position d nter: fas_in_counter. Details o red in contribution bruckman_	e diagram propos luring loss of aligr of remedy includin	ussed in animent	Add the following counters: a including propossed text for bruckman_3ct_01_0320. Proposed Response Re C/ 153 SC 153.2.4.4 Bruckman, Leon Comment Type TR Co The SIGNAL_OK parameter fec_align_status. fec_align_status is false if ar pre-FEC high BER. Accordin	these counters is press sponse Status O P 91 Huawei omment Status X of the FEC:IS_SIGNA my lane looses alignme ng to the text in this cas	<i>L</i> 35 L.indication primi nt, but this happe se receiver may b us variable. Detai	# 29 itive is driven by ens frequently due to be impaired frequent Is of remedy includir

C/ 153 SC 153.2.	4.4 P92	L 47	# 30	C/ 153	SC 153.2.5.2	P 93	L 39	# <u>3</u> 3
Bruckman, Leon	Huawei			Bruckman	, Leon	Huawei		
Comment Type TR	Comment Status X			Comment	Type E	Comment Status X		
•	are needed to separate the lan	e identification fro	om the alignment	Text n	ot clear			
process.				Suggested	dRemedy			
uggestedRemedy				Chang	ge: "An uncorrect	ed FEC codeword is a codew	vord contains err	ors",
New state diagrams	are presented in contrbution br	uckman_3ct_01_	0320			o		
Proposed Response	Response Status 0					C codeword is a codeword th	nat contains error	S
				Proposed	Response	Response Status O		
7 153 SC 153.2.	4.4 P93	L 3	# 31					
ruckman, Leon	Huawei			C/ 153	SC 153.2.5.3	P 94	L 1	# 34
omment Type TR	Comment Status X			Bruckman	·	Huawei		
	the SC-FEC deskew state diag		tus and all_fas_valid	Comment	••	Comment Status X		
are not defined, fec_	_enable_deskew is always false	9.				dity MDIO control vailables ar	re needed for the	lane identification
uggestedRemedy				•	ation from the ali	gnment process.		
	deskew state diagram is preser	nted in contrbution	ו	Suggested		Gentlementeters de seul Ourseist		
bruckman_3ct_01_0					man 3ct 01 032	ification status 1 and 2 regist 0	ers, as detailed i	n contribution
Proposed Response	Response Status O			Proposed		Response Status O		
				, opeccu				
7 153 SC 153.2.	4.4 P93	L 3	# 32	C/ 153	SC 153.2.5.3	P 94	L8	# 35
ruckman, Leon	Huawei						20	# 33
omment Type TR	Comment Status X			Bruckman	·	Huawei Comment Status X		
fec_enable_deskew	is not defined			Comment	51	nall be driven by the stable fe	e alignment indi	ration
uggestedRemedy					0			
deskew process. Th	deskew as follows: "A Boolean le alignment start shall be main leskew is enabled and set to fal	tained when fec_	align_status is false. It		ce fec_align_stat	us with the new variable fec_ am, see bruckman 3ct 01 0		(used in the SIGNA
				Proposed				
allowing bits to be d	ilar to the fec_enable_deskew v iscarded during the deskew pro ne frequent synchronization loss	cess to avoid cor	nmunication	Proposed	Response	Response Status 0		
Proposed Response	Response Status 0							
	•							

	P 94	L10	# <u>3</u> 6	C/ 154	SC 154.5.2	P 104	L 41	# <u>3</u> 9
Bruckman, Leon	Huawei			Bruckman, Le	eon	Huawei		
Comment Type TR	Comment Status X			Comment Ty	pe E	Comment Status X		
Lane identification sha	all be separated from lane lock	k, add the lane ide	entification status.	Text not	clear			
SuggestedRemedy				SuggestedRe	emedy			
	ition row to Table 153-2 after t ion bruckman_3ct_01_0320.	he second row. E	Details of remedy are	requeste	d by the PMD	ansmit function shall conve service interface message	s PMD:IS_UNITD/	ATA_0.request to
Proposed Response	Response Status O				UNITDATA_1 ered to the M	.request into two DQPSK o DI,",	ptical signals on o	orthogonal polarizations
C/ 153 SC 153.3.1	P 94	L 48	# 37			t function shall convert the t erface messages PMD:IS		
Bruckman, Leon	Huawei			PMD:IS_	UNITDATA_1	.request into two DQPSK of		
Comment Type E	Comment Status X				er them to the	,		
The SC-FEC not only	sends 20 parallel bit streams lel bit streams from the PMA s		E-ZR PMA sublayer, it	Proposed Re	sponse	Response Status O		
Norma a ta al Dama a du								
suggesteakemeay				C/ 154	SC 154.7.1	P109	L 49	# 40
After the end of senter	nce: "SC-FEC continuously se					Р 109 Нuawei	L 49	# 40
After the end of senter ZR PMA sublayer cont	tinuously sends 20 parallel bit			C/ 154 Bruckman, Le Comment Ty,	eon		L 49	# 40
After the end of senter ZR PMA sublayer cont				Bruckman, Le Comment Ty	eon pe E	Huawei	L 49	# 40
After the end of senter ZR PMA sublayer cont	tinuously sends 20 parallel bit			Bruckman, Le Comment Ty	eon pe E n channel spa	Huawei Comment Status X	L 49	# 40
After the end of senter ZR PMA sublayer cont Proposed Response	tinuously sends 20 paralleĺ bit <i>Response Status</i> O			Bruckman, Lo Comment Ty, "Minimur SuggestedRe "Minimur	eon be E n channel spa emedy n channel spa	Huawei Comment Status X Icing" is not defined. Icing" is defined in ITU-T G	671 clause 3.2.3.1	17 as: "The centre-to-
After the end of senter ZR PMA sublayer cont Proposed Response C/ 153 SC 153.3.2.2	tinuously sends 20 paralleĺ bit <i>Response Status</i> O	streams to the S	C-FEC sublayer."	Bruckman, Le Comment Ty, "Minimur SuggestedRe "Minimur centre di	eon be E n channel spa emedy n channel spa ference in fre	Huawei Comment Status X Icing" is not defined. Icing" is defined in ITU-T G quency or wavelength betw	671 clause 3.2.3. een adjacent char	17 as: "The centre-to- nnels in a WDM device
After the end of senter ZR PMA sublayer cont Proposed Response C/ 153 SC 153.3.2.2 Bruckman, Leon	tinuously sends 20 paralleĺ bit <i>Response Status</i> O 2.2 <i>P</i> 95	streams to the S	C-FEC sublayer."	Bruckman, Le Comment Ty, "Minimur SuggestedRe "Minimur centre di DWDM c	eon be E n channel spa emedy n channel spa ference in fre hannel spacir	Huawei Comment Status X Icing" is not defined. Icing" is defined in ITU-T G	671 clause 3.2.3. een adjacent char und in [ITU-T G.61	17 as: "The centre-to- nnels in a WDM device
After the end of senter ZR PMA sublayer cont Proposed Response C/ 153 SC 153.3.2.2 Bruckman, Leon	tinuously sends 20 paralleĺ bit <i>Response Status</i> O 2.2 <i>P</i> 95 Huawei	streams to the S	C-FEC sublayer."	Bruckman, Le Comment Ty, "Minimur SuggestedRe "Minimur centre di DWDM c spacings	eon be E In channel spa <i>emedy</i> In channel spa ference in fre hannel spacir are based or	Huawei Comment Status X acing" is not defined. acing" is defined in ITU-T G quency or wavelength betw ags are based on the grid for the grid found in [ITU-T G.	671 clause 3.2.3. een adjacent char und in [ITU-T G.6 694.2].".	17 as: "The centre-to- nnels in a WDM device 94.1]. CWDM channel
After the end of senter ZR PMA sublayer cont Proposed Response C/ 153 SC 153.3.2.2 Bruckman, Leon Comment Type E Text not clear	tinuously sends 20 paralleĺ bit <i>Response Status</i> O 2.2 <i>P</i> 95 Huawei	streams to the S	C-FEC sublayer."	Bruckman, Le Comment Ty, "Minimur SuggestedRe "Minimur centre di DWDM c spacings So in cla	eon be E n channel spa emedy n channel spa ference in fre hannel spacir are based or use 154.8 it c	Huawei Comment Status X acing" is not defined. acing" is defined in ITU-T G quency or wavelength betw ags are based on the grid for	671 clause 3.2.3. een adjacent char und in [ITU-T G.6 694.2].". mum channel spa	17 as: "The centre-to- nnels in a WDM device 94.1]. CWDM channel cing, as defined in
After the end of senter ZR PMA sublayer cont Proposed Response Cl 153 SC 153.3.2.2 Bruckman, Leon Comment Type E Text not clear Suggested Remedy	tinuously sends 20 paralleĺ bit <i>Response Status</i> O 2.2 <i>P</i> 95 Huawei <i>Comment Status</i> X on of the two lanes of the four-l	streams to the S	C-FEC sublayer." # 38	Bruckman, Le Comment Ty, "Minimur SuggestedRe "Minimur centre di DWDM c spacings So in cla	eon be E In channel spa <i>emedy</i> In channel spa iference in fre hannel spacir are based or use 154.8 it c endation ITU-	Huawei <i>Comment Status</i> X acing" is not defined. Acing" is defined in ITU-T G quency or wavelength betw hgs are based on the grid for the grid found in [ITU-T G. an be defined as: "The mini	671 clause 3.2.3. een adjacent char und in [ITU-T G.6 694.2].". mum channel spa	17 as: "The centre-to- nnels in a WDM device 94.1]. CWDM channel cing, as defined in
ZR PMA sublayer cont Proposed Response Cl 153 SC 153.3.2.2 Bruckman, Leon Comment Type E Text not clear SuggestedRemedy Change: "The selection stream of DQPSK sym	tinuously sends 20 paralleĺ bit <i>Response Status</i> O 2.2 <i>P</i> 95 Huawei <i>Comment Status</i> X on of the two lanes of the four-l nbols is arbitrary", ne two lanes of the four-lane in	L 50	C-FEC sublayer." # <u>38</u> used to form each	Bruckman, Le Comment Ty "Minimur SuggestedRe "Minimur centre di DWDM c spacings So in cla Recomm	eon be E In channel spa <i>emedy</i> In channel spa iference in fre hannel spacir are based or use 154.8 it c endation ITU-	Huawei <i>Comment Status</i> X acing" is not defined. acing" is defined in ITU-T G quency or wavelength betw ags are based on the grid for the grid found in [ITU-T G. an be defined as: "The mini T G.671, shall be within the	671 clause 3.2.3. een adjacent char und in [ITU-T G.6 694.2].". mum channel spa	17 as: "The centre-to- nnels in a WDM device 94.1]. CWDM channel cing, as defined in

C/80 SC 80.1.5	5 P 50	L 3	# <u>4</u> 1	C/ 80 SC 80.1	P 49	L12	# 44		
rowbridge, Steve	Nokia			Maguire, Valerie	The Siemon	Company			
comment Type ER Editor's note is inco	Comment Status X			Comment Type E Missing oxford comm	Comment Status X				
<i>SuggestedRemedy</i> Change "Insert Tab 80-4a as follows:"	ole80–4 after Table 80-4a as follo	ows:" to "Insert T	able80–4b after Table	SuggestedRemedy Replace, "100GBASE-LR1 and in Clause154: with, "100GBASE-LR1, and in Clause1 and extend the underline change mark to include the added ",".					
roposed Response	Response Status O			Proposed Response	Response Status O				
7 80 SC 80.2.4	4 <i>P</i> 51	L 5	# 42	C/ 80 SC 80.5	P55	L1	# 45		
rowbridge, Steve	Nokia			Maguire, Valerie	The Siemon	Company			
omment Type E	Comment Status X			Comment Type E	Comment Status X				
The first sentence is	s wrong given the additions in th	e rest of the par	agraph.	00	ariation needs to be revisited,	input requested	be formatted as an		
unanotod Domodu				Editor's Note.					
uggesteakemeay									
Change the entire p				SuggestedRemedy					
Change the entire p Clause 83 specifies	₃ 40ĞBÁSE-R and 100GBASE-F			Format, "skew variati	on needs to be revisited, input	t requested" as a	n Editor's Note.		
Change the entire p Clause 83 specifies type of the correspo a) Clause 94 specifi b) Clause 135 speci	s 40GBASE-R and 100GBASE-F onding rate. Additional PMAs are ries a PMA that may be used onl ifies a PMA that may be used in	e only applicable y in a 100GBAS other 100GBAS	to specific PHY types: E-KP4 PHY. SE-P PHY types.	•••	on needs to be revisited, input <i>Response Status</i> O	t requested" as a	n Editor's Note.		
Change the entire p Clause 83 specifies type of the correspo a) Clause 94 specifi b) Clause 135 speci c) Clause 153 speci	• 40ĞBASE-R and 100GBASE-F onding rate. Additional PMAs are ies a PMA that may be used onl ifies a PMA that may be used in ifies a PMA that is used in the 1	e only applicable y in a 100GBAS other 100GBAS	to specific PHY types: E-KP4 PHY. SE-P PHY types.	Format, "skew variati	Response Status O	t requested" as a	n Editor's Note. # 46		
Change the entire p Clause 83 specifies type of the correspo a) Clause 94 specifi b) Clause 135 speci c) Clause 153 speci	s 40GBASE-R and 100GBASE-F onding rate. Additional PMAs are ries a PMA that may be used onl ifies a PMA that may be used in	e only applicable y in a 100GBAS other 100GBAS	to specific PHY types: E-KP4 PHY. SE-P PHY types.	Format, "skew variati Proposed Response	Response Status O				
Change the entire p Clause 83 specifies type of the correspo a) Clause 94 specifi b) Clause 135 speci c) Clause 153 speci roposed Response	s 40ĞBASE-R and 100GBASE-F onding rate. Additional PMAs are ries a PMA that may be used onl ifies a PMA that may be used in ifies a PMA that is used in the 1 <i>Response Status</i> 0	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR P	to specific PHY types: E-KP4 PHY. SE-P PHY types. HY.	Format, "skew variati Proposed Response Cl 154 SC 154.5.4	Response Status O P 106				
Change the entire p Clause 83 specifies type of the correspo a) Clause 94 specifi b) Clause 135 speci c) Clause 153 speci roposed Response	s 40ĞBASE-R and 100GBASE-F onding rate. Additional PMAs are ries a PMA that may be used onl ifies a PMA that may be used in ifies a PMA that is used in the 1 <i>Response Status</i> 0	e only applicable y in a 100GBAS other 100GBAS	to specific PHY types: E-KP4 PHY. SE-P PHY types.	Format, "skew variati Proposed Response Cl 154 SC 154.5.4 Maguire, Valerie Comment Type E	Response Status O P106 The Siemon	L 9 Company	# <u>46</u>		
Change the entire p Clause 83 specifies type of the correspo a) Clause 94 specifi b) Clause 135 speci c) Clause 153 speci c) Clause 155 speci c) C	s 40ĞBASE-R and 100GBASE-F onding rate. Additional PMAs are ries a PMA that may be used onl iffies a PMA that may be used in iffies a PMA that is used in the 1 <i>Response Status</i> 0 <i>P</i> 77 Nokia	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR P	to specific PHY types: E-KP4 PHY. SE-P PHY types. HY.	Format, "skew variati Proposed Response Cl 154 SC 154.5.4 Maguire, Valerie Comment Type E	Response Status O P106 The Siemon Comment Status X	L 9 Company	# <u>46</u>		
Change the entire p Clause 83 specifies type of the correspond a) Clause 94 specifies b) Clause 135 specifies c) Clause 153 specifies troposed Response cl 152 SC 152.7 rowbridge, Steve comment Type ER	s 40ĞBASE-R and 100GBASE-F onding rate. Additional PMAs are ries a PMA that may be used onl iffies a PMA that may be used in iffies a PMA that is used in the 1 <i>Response Status</i> 0 <i>P</i> 77 Nokia <i>Comment Status</i> X	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR P	to specific PHY types: E-KP4 PHY. SE-P PHY types. HY. # 43	Format, "skew variati Proposed Response Cl 154 SC 154.5.4 Maguire, Valerie Comment Type E Should "(compliant 1 SuggestedRemedy	Response Status O P106 The Siemon Comment Status X	L 9 Company e line as "AND"?	# <u>46</u>		
Change the entire p Clause 83 specifies type of the correspond a) Clause 94 specifies b) Clause 135 specifies c) Clause 153 specifies c) Clause 155 sp	s 40ĞBASE-R and 100GBASE-F onding rate. Additional PMAs are ries a PMA that may be used onl iffies a PMA that may be used in iffies a PMA that is used in the 1 <i>Response Status</i> 0 <i>P</i> 77 Nokia	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR P	to specific PHY types: E-KP4 PHY. SE-P PHY types. HY. # 43	Format, "skew variati Proposed Response Cl 154 SC 154.5.4 Maguire, Valerie Comment Type E Should "(compliant 1 SuggestedRemedy	Response Status O P106 The Siemon <i>Comment Status</i> X 00GBASE-R)]" be on the same	L 9 Company e line as "AND"?	# <u>46</u>		
Change the entire p Clause 83 specifies type of the correspond a) Clause 94 specifies b) Clause 135 specifies c) Clause 153 sp	s 40ĞBASE-R and 100GBASE-F onding rate. Additional PMAs are ries a PMA that may be used onl iffies a PMA that may be used in iffies a PMA that is used in the 1 <i>Response Status</i> 0 <i>P</i> 77 Nokia <i>Comment Status</i> X	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR P	to specific PHY types: E-KP4 PHY. SE-P PHY types. HY. # 43	Format, "skew variati Proposed Response Cl 154 SC 154.5.4 Maguire, Valerie Comment Type E Should "(compliant 1 SuggestedRemedy Remove extraneous	Response Status O P106 The Siemon Comment Status X 00GBASE-R)]" be on the same carriage return or correct as ne	L 9 Company e line as "AND"?	# <u>46</u>		
Clause 83 specifies type of the correspondence a) Clause 94 specifies b) Clause 135 specifies c) Clause 135 specifies c) Clause 135 specifies c) Clause 153 specifies c) Clause 153 specifies c) Clause 153 specifies comment 750 cmment 750 cmment 750 cmment 750 cmment clause number. SuggestedRemedy	s 40ĞBASE-R and 100GBASE-F onding rate. Additional PMAs are ries a PMA that may be used onl iffies a PMA that may be used in iffies a PMA that is used in the 1 <i>Response Status</i> 0 <i>P</i> 77 Nokia <i>Comment Status</i> X	e only applicable y in a 100GBAS other 100GBAS 00GBASE-ZR P <i>L</i> 2 meMaker templa	to specific PHY types: E-KP4 PHY. SE-P PHY types. HY. # 43	Format, "skew variati Proposed Response Cl 154 SC 154.5.4 Maguire, Valerie Comment Type E Should "(compliant 1 SuggestedRemedy Remove extraneous	Response Status O P106 The Siemon Comment Status X 00GBASE-R)]" be on the same carriage return or correct as ne	L 9 Company e line as "AND"?	# 46		

C/ 45 SC 45.2.1	P 24	L 8	# 47	CI 80 SC 80.	.1.3	P 49	L16	# 51
Maguire, Valerie	The Siemon C	Company		Brown, Matt		Huawei Tech	nologies Canada	
Comment Type E 802.3cg has publishe	Comment Status X			Comment Type E this is not an acc	E Comme ceptable amendm	ent Status X		
SuggestedRemedy Replace, "802.3cg-20	0xx" with, "802.3cg-2019"			SuggestedRemedy Change instruction	on to "Replace fig	gure 80-1 with the	following:"	
Proposed Response	Response Status O)-1 and make the	necessary change	es.	
C/ 45 SC 45.2.1.	186 <i>P</i> 36	L 9	# 48	"In Figure 80-1, o	change the list of	medium types as		e-out and underline
Maguire, Valerie Comment Type E	The Siemon C Comment Status X	Company		Proposed Response	Respon	se Status O		
802.3cg has publishe	ed.			CI 80 SC 80.	.1.4	P 49	L 25	# 52
SuggestedRemedy Replace, "802.3cg-20	0xx" with, "802.3cg-2019"			Brown, Matt Comment Type T	. Comm	Huawei Tech ent Status X	nologies Canada	
Proposed Response	Response Status O			The Clause 74 F	EC is not relevar	and for Clause subfunctions within		
C/FM SCFM Brown, Matt Comment Type E	P 1 Huawei Techr Comment Status X	L 26 nologies Canada	# 49	SuggestedRemedy Change to: "Some 100GBAS Clause153."	SE-Z Physical La	yer devices also ι	ise the FEC of Cla	ause 91 or the FEC of
spelling SuggestedRemedy				Proposed Response	Respon	se Status O		
Change "EEE" to "IE	EE"			C/ 80 SC 80.	.2.2	P 50	L 34	# <u>5</u> 3
Proposed Response	Response Status O			Brown, Matt <i>Comment Type</i> T		ent Status X	nologies Canada	
C/ 1 SC 1.4	P 22	L 27	# 50		ust be added to t	he list of PHY type	es.	
Brown, Matt		nologies Canada		SuggestedRemedy Add 100GBASE	-Z to the list of PI	HY types.		
Comment Type E only one defintion	Comment Status X			Proposed Response		se Status O		
S <i>uggestedRemedy</i> Change "definitions"	to "definition"							
Proposed Response	Response Status 0							

	P 51	L 6	# 54	C/ 80 SC 80.4	P 52	L 50	# <u>5</u> 7
Brown, Matt	Huawei Techr	nologies Canada		Brown, Matt	Huawei Tech	nologies Canada	
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
There are no changes	marked in the paragraph.			No need to describe the	e not-shown rows. It is suffic	ient to refer to "un	changed" rows.
SuggestedRemedy				SuggestedRemedy			
Underline the last sent	ence.			Change "unchanged 40)G rows" to "some unchange	ed rows".	
Proposed Response	Response Status O			You might then reduce FEC.	the table size by deleting row	ws for MAC, PCS,	and 100GBASE-R
C/ 80 SC 80.3.2	P 51	L 30	# 55	Proposed Response	Response Status O		
Brown, Matt	Huawei Techr	nologies Canada					
Comment Type E	Comment Status X			C/ 80 SC 80.5	P 55	L1	# 58
Fix amendment marku	ıp.			Brown, Matt	Huawei Tech	nologies Canada	
SuggestedRemedy Space after "Figure 80	0-4" should be undelined.			Comment Type E Improper editor's note.	Comment Status X		
Proposed Response	Response Status O			SuggestedRemedy Use proper editor's not	e by inserting editor's note th	at and include "E	ditor's note:".
C/ 80 SC 80.3.2	P 52	L1	# 56	Proposed Response	Response Status O		
Brown, Matt	Huawei Techr	nologies Canada					
Comment Type E	Comment Status X			C/ 152 SC 152.1.1	P 58	L11	# 59
Underlined text is not r	equired here.			Brown, Matt	Huawei Tech	nologies Canada	-
Chachine text is not i				Comment Type T	Comment Status X		
SuggestedRemedy							
	"Figure 80-4a".			This new sublayer is in	tended in this project for sup		
SuggestedRemedy	"Figure 80-4a". Response Status 0			This new sublayer is in			
SuggestedRemedy Remove underline on '	C			This new sublayer is in 100GBASE-Z PHY and	tended in this project for sup		
SuggestedRemedy Remove underline on '	C			This new sublayer is in 100GBASE-Z PHY and 100GBASE-R PHYs. SuggestedRemedy Change sentence to: "The Inverse RS-FEC s FEC) sublayer for	tended in this project for sup	SE-P PHYs as we	II. It could be used for

C/ 152 SC 152.1	P 59	L 33	# <u>6</u> 0	C/ 153 SC	5 153.2.1	P 82	L16	# 63
Brown, Matt	Huawei Techr	nologies Canada		Brown, Matt		Huawei Tech	nologies Canada	
Comment Type E	Comment Status X			Comment Type	T Con	nment Status X		
SuggestedRemedy	erse RS-FEC is in the wrong loo verse RS-FEC to between defin <i>Response Status</i> O		nd LLC.	consider as Case #1: SC Case #2: SC	follows. C-FEC connects di C-FEC connects di	ectly to the Inverse I	RS-FEC, RS-FEC	e three cases to C, Clause 135 PMA, etc CAUI-4 or CAUI-10 to
				This paragra	aph should addres	s both Case #2 and #	ŧ3.	
C/ 152 SC 152.1	P 59	L 34	# 61	SuggestedReme	edy			
Comment Type E	Comment Status X	Ū		"The PCS m		o the SC-FEC using		tiation of the PMA ex 83E) in which case a
SuggestedRemedy Remove the note from sublayers replace "PN	ed in Clause 135 is called the f m the definition list and in the la MA" with "100GBASE-P PMA". <i>Response Status</i> O	ayer diagram for tl		PMA (see C "The PCS m service inter	lause 83) is a clier hay be connected t face (see Annex 1 152) is a client of	t of the FEC service o the SC-FEC using 35E and Annex 1350 the FEC service inter onse Status O	interface." a physical instant 6) in which case a	tiation of the PMA
SuggestedRemedy Remove the note fron sublayers replace "PN Proposed Response	m the definition list and in the la MA" with "100GBASE-P PMA". <i>Response Status</i> 0	ayer diagram for tl	he associated PMA	PMA (see C "The PCS m service inter (see Clause Proposed Respo	lause 83) is a clier hay be connected t face (see Annex 1 152) is a client of	It of the FEC service the SC-FEC using 35E and Annex 1350 the FEC service inter	interface." a physical instant 6) in which case a	tiation of the PMA
SuggestedRemedy Remove the note from sublayers replace "PN Proposed Response Cl 153 SC 153.1.1	m the definition list and in the la MA" with "100GBASE-P PMA". <i>Response Status</i> 0 <i>P</i> 81	ayer diagram for th		PMA (see C "The PCS m service inter (see Clause Proposed Respo	lause 83) is a clier hay be connected t face (see Annex 1 152) is a client of onse Resp	tt of the FEC service o the SC-FEC using 35E and Annex 1350 the FEC service inter onse Status O P88	interface." a physical instant G) in which case a face."	tiation of the PMA an Inverse RS-FEC
SuggestedRemedy Remove the note from sublayers replace "PN Proposed Response Cl 153 SC 153.1.1 Brown, Matt Comment Type E "staircase" should not	m the definition list and in the la MA" with "100GBASE-P PMA". <i>Response Status</i> O <i>P</i> 81 Huawei Techr <i>Comment Status</i> X t be capitalized.	ayer diagram for th	he associated PMA	PMA (see C "The PCS m service inter (see Clause Proposed Respo Cl 153 SC Brown, Matt Comment Type There is no s FEC transmi	lause 83) is a clien hay be connected to face (see Annex 1 152) is a client of conse Resp 153.2.3.2.7 T Conse specification for the it output. It would be function (see Tab	tt of the FEC service o the SC-FEC using 35E and Annex 1350 the FEC service inter onse Status O P88	interface." a physical instant 3) in which case a rface." <i>L</i> 37 nologies Canada PMA lane Skew V the same numbe	tiation of the PMA an Inverse RS-FEC # <u>64</u> /ariation for the SC-
SuggestedRemedy Remove the note from sublayers replace "PN Proposed Response Cl 153 SC 153.1.1 Brown, Matt Comment Type E "staircase" should not SuggestedRemedy	m the definition list and in the la MA" with "100GBASE-P PMA". <i>Response Status</i> O <i>P</i> 81 Huawei Techr <i>Comment Status</i> X t be capitalized.	ayer diagram for th	he associated PMA	PMA (see C "The PCS m service inter (see Clause Proposed Respo Cl 153 SC Brown, Matt Comment Type There is no s FEC transmi FEC receive SuggestedReme Add the follo "At the outpu	lause 83) is a clien hay be connected to face (see Annex 1 152) is a client of onse Resp c 153.2.3.2.7 T Con- specification for the it output. It would le function (see Table edy owing sentence at ut of the FEC trans	It of the FEC service o the SC-FEC using 35E and Annex 1350 the FEC service inter- ionse Status O P88 Huawei Tech ament Status X e FEC lane skew or I be reasonable to use le 80-6 and Table 80 the end of 153.2.3.2.	interface." a physical instant b) in which case a frace." <i>L</i> 37 nologies Canada PMA lane Skew V the same numbe -7). 7. w between FEC la	tiation of the PMA an Inverse RS-FEC # 64 /ariation for the SC- ers used for the RS-

Brown, Matt	3.1 <i>P</i> 88	L 46	# <u>6</u> 5	C/ 154	SC 154.5.2		P 104	L 44	# <u>6</u> 7
Jown, Matt	Huawei Techn	ologies Canada		Brown, Mat	t	F	uawei Techn	ologies Canada	
Comment Type T	Comment Status X			Comment 7	<i>уре</i> т	Comment St	atus X		
of Skew and Skew Va	and Skew Variation is ambigue riation. Also, the numbers are ed for the RS-FEC receive fun	still TBD; it would I	be reasonable to use	tx_sym	bol parameter.		ool is earlier		ools transferred via the ferenced 116.3 its
SuggestedRemedy				Suggestedl	Remedy				
ns between FEC	to: "The FEC receive function Skew Variation of 4 ns betwe		ximum Skew of 180	"The P the PM	D service	inction shall conv		•	reams requested by
Proposed Response	Response Status O			PMD:IS optical	UNITDĂTA	MD:IS_UNITDAT 1.request(tx_sym ogonal polarizatic	ool) into two Ì	DQPSK	all according to the
C/ 153 SC 153.3.2	P 96	LO	# 66	specific	ations in this c				
Brown, Matt	Huawei Techn	ologies Canada				ols from each tx_ s as specified in 1		neter to phase cl	hanges to each of the
Comment Type T	Comment Status X			Proposed F	1 0	Response Sta			
end to end skew. Norn however, the stack for	eneration are not specified for nally, for new 100GBASE PH\ 100GBASE-ZR is a bit differe	's we would simply	refer back to 80.5,	C/ 154	SC 154.5.3	Nesponse Siz	P105	L39	# 68
ways.									
ways. SuggestedRemedy				Brown, Mat	t	F	uawei Techn	ologies Canada	
SuggestedRemedy	a similar way as for 100GBAS und and proposals.	E-R/P in 80.5. A pi	resentation will be	Comment 7	<i>туре</i> т	Comment St	atus X	-	ools transferred via the
SuggestedRemedy Define skew points in provided with backgrou		E-R/P in 80.5. A pi	resentation will be	Comment 7 The char rx_sym	<i>Type</i> T ange made in l bol parameter. ce here is som	<i>Comment St</i> 1.2 is incorrect. Although rx_sym	atus X t is a stream bol is earlier	of DPQSK symb defined in the ret	ools transferred via the ferenced 116.3, its so connector should be
SuggestedRemedy Define skew points in a	und and proposals.	E-R/P in 80.5. A pi	resentation will be	Comment 1 The ch rx_sym referen "and" n	<i>Type</i> T ange made in l bol parameter. ce here is som ot "to".	<i>Comment St</i> 1.2 is incorrect. Although rx_sym	atus X t is a stream bol is earlier	of DPQSK symb defined in the ret	ferenced 116.3, its
SuggestedRemedy Define skew points in provided with backgrou	und and proposals.	E-R/P in 80.5. A pi	resentation will be	Comment 1 The ch rx_sym referen "and" n Suggestedi Change The PM MDI int DQPSF PMD:IS 0.indica the rec The PM	Type T ange made in l bol parameter. bol parameter. ce here is som ot "to". Remedy a the text in 15.4 D Receive fur o two Somool stream S_UNITDATA_ Siton(rx_symbol stream) ation(rx_symbol stream) D Receive fur bol two Somool stream JO Receive fur JO Receive fur bol two Somool stream JO TATA_ Somool stream ation(rx_symbol stream) Somool stream ation(rx_symbol stream) Somool stream JO TATA_ Somool stream ation(rx_symbol stream) Somool stream atin (rx_symbol stream) Somool stream </td <td>Comment St. D1.2 is incorrect. Although rx_sym ewhat mysterious 4.5.3 to: ction shall convel ns for delivery to I) and PMD:IS_UI ecifications in this</td> <td>atus X t is a stream bol is earlier . The list of p t the composent the PMD ser NITDATA_1.i clause. each of the D</td> <td>of DPQSK symb defined in the rei rimitives is two s site optical signal vice interface usi ndication(rx_sym DQPSK optical si</td> <td>ferenced 116.3, its</td>	Comment St. D1.2 is incorrect. Although rx_sym ewhat mysterious 4.5.3 to: ction shall convel ns for delivery to I) and PMD:IS_UI ecifications in this	atus X t is a stream bol is earlier . The list of p t the composent the PMD ser NITDATA_1.i clause. each of the D	of DPQSK symb defined in the rei rimitives is two s site optical signal vice interface usi ndication(rx_sym DQPSK optical si	ferenced 116.3, its

C/ 154 SC 154.5.4	P105	L 48	# 69	C/ 135A SC 135A.3	P 122	L	# <u>7</u> 2
Brown, Matt	Huawei Techn	ologies Canada		Brown, Matt	Huawei Tech	nologies Canada	1
Comment Type T	Comment Status X			Comment Type E	Comment Status X		
	interface in 116.3 is used as a b			Editing instruction sh	ould refer to the inserted subc	lause.	
	service interface for this PMD) fu parameter values, etc.) the detail			SuggestedRemedy			
SuggestedRemedy				Change to "Insert ne	w subclause 135A.3 at the end	d of Annex 135A	as follows:"
Change "116.3" to "1	54.2".			Proposed Response	Response Status 0		
Proposed Response	Response Status O						
				C/ 154 SC 154.3.2	P 102	L 48	# 73
C/ 83C SC 83C.4	P 120	L 8	# 70	Stassar, Peter	Huawei		
Brown, Matt	Huawei Techn [,]	ologies Canada		Comment Type TR	Comment Status X		
Comment Type E	Comment Status X	5			, SP3, SP4 and SP5 needs a variation need to be removed		
Editing instruction sh	ould refer to the inserted subcla	use.		each at 50 Gb/s		because of the p	resence of 2 laries,
SuggestedRemedy				SuggestedRemedy			
Change to "Insert nev	w subclause 83C.4 at the end of	f Annex 83C as fol	lows:"	Replace text by "Ske	w at SP2 is limited to 43 ns ar	nd the Skew Varia	ation at SP2 is limited to
Proposed Response	Response Status O P 122	L1	# [71	Variation at SP3 sha less than 134 ns and service interface is p the Skew at SP5 sha	SP3 (the transmitter MDI) sha I be less than 600 ps. The Ske the Skew Variation at SP4 sh hysically instantiated so that th II be less than 145 ns and the	ew at SP4 (the re all be less than 3 ne Skew at SP5 c	ceiver MDI) shall be .4 ns. If the PMD can be measured, then
Brown, Matt	Huawei Techn	ologies Canada		than 3.6 ns."			
Comment Type E	Comment Status X			Proposed Response	Response Status 0		
Editing instruction wa	is carried over from 802.3cd and	l is not relevant in	802.3ct.				
SuggestedRemedy				C/ 154 SC 154.5.4	P106	L 6	# 74
Delete editing instruc	tion at the top of page 122.			Stassar, Peter	Huawei		
Proposed Response	Response Status 0			Comment Type TR	Comment Status X		
				to achieve distances	ct Fail needs a value. Conside up to at least 80 km on the ba e common average power val	isis of an optically	
					ower threshold may be necess		
				unamplifed cases a l SuggestedRemedy	ower threshold may be necess " and add a note "for applicati	sary	d add a note that for

C/ 154 SC 154.5.4	4 P106	L 20	# <u>7</u> 5	C/ 154 SC 154.7.3	<i>P</i> 111	L 36	# <u>7</u> 8
Stassar, Peter	Huawei			Stassar, Peter	Huawei		
Comment Type TR	Comment Status X			Comment Type TR	Comment Status X		
The TBD needs to b monitored	e replaced by describing a conc	dition of the signa	al that is being	dispersion to 1600 ps	meeting in Geneva it was agre s/nm. This is appropriate for bla	ack links contain	ing 80 km of G.652
SuggestedRemedy					its recent closing plenary mee 654, adding new fiber type G.6		
the average optical p	e to the TBD of the optical signa power of the modulated optical nse to the average optical powe			somewhat higher chr for usage inside the l case chromatic dispe	omatic dispersion values. This black link, because it may be a ersion over the wavelength rang	new fiber type s ppealing for ope ge of interest is 2	hould not be precluded rators/users. The worst 24.14 ps/nm, leading to
Proposed Response	Response Status O			number for 80 km lin	persion of 1931 ps/nm. 2000 ps ks. The relevant ITU-T Recom n of 0.05 dB/km, implying a los	mendations prov	ide a difference in
C/ 154 SC 154.7.	1 <i>P</i> 110	L 5	# 76	SuggestedRemedy			
Stassar, Peter	Huawei			Replace 1600 by 200	00		
Comment Type TR	Comment Status X			Proposed Response	Response Status 0		
looving a cotting ran	ge of 8 dB, sufficient to meet the	e requirements f	or the 80 km				
application, in line w implementations the <i>SuggestedRemedy</i> Replace TBD by "0"	ith remarks made during previou optical output power can be ea	us meetings that			Huawei <i>Comment Status</i> X ps/nm will occur only when usi		
application, in line w implementations the <i>SuggestedRemedy</i> Replace TBD by "0"	ith remarks made during previou optical output power can be ea	us meetings that		Stassar, Peter <i>Comment Type</i> TR A dispersion of -200 which are not anticip chromatic dispersion	Huawei Comment Status X	ng G.653 (disper	rsion shifted) fibers,
application, in line w implementations the SuggestedRemedy Replace TBD by "0" Proposed Response	ith remarks made during previou optical output power can be ea (zero) <i>Response Status</i> O	us meetings that sily adjusted.	t for most	Stassar, Peter Comment Type TR A dispersion of -200 which are not anticip chromatic dispersion SuggestedRemedy	Huawei Comment Status X ps/nm will occur only when usi ated to be used in C-band app should be 0 ps/nm for 0 km.	ng G.653 (disper	rsion shifted) fibers,
application, in line w implementations the SuggestedRemedy Replace TBD by "0" Proposed Response Cl 154 SC 154.7.2	ith remarks made during previou optical output power can be ea (zero) <i>Response Status</i> O 2 <i>P</i> 111	us meetings that		Stassar, Peter Comment Type TR A dispersion of -200 which are not anticip chromatic dispersion SuggestedRemedy Replace -200 by 0 (z	Huawei Comment Status X ps/nm will occur only when usi ated to be used in C-band app should be 0 ps/nm for 0 km. ero)	ng G.653 (disper	rsion shifted) fibers,
application, in line w implementations the SuggestedRemedy Replace TBD by "0" Proposed Response Cl 154 SC 154.7.2 Stassar, Peter Comment Type TR	ith remarks made during previou optical output power can be ea (zero) <i>Response Status</i> O 2 <i>P</i> 111 Huawei <i>Comment Status</i> X	us meetings that sily adjusted.	# [77	Stassar, Peter Comment Type TR A dispersion of -200 which are not anticip chromatic dispersion SuggestedRemedy	Huawei Comment Status X ps/nm will occur only when usi ated to be used in C-band app should be 0 ps/nm for 0 km.	ng G.653 (disper	rsion shifted) fibers,
application, in line w implementations the SuggestedRemedy Replace TBD by "0" Proposed Response Cl 154 SC 154.7.2 Stassar, Peter Comment Type TR The TBD needs to b	ith remarks made during previou optical output power can be ea (zero) <i>Response Status</i> O 2 <i>P</i> 111 Huawei	us meetings that sily adjusted.	# [77	Stassar, Peter Comment Type TR A dispersion of -200 which are not anticip chromatic dispersion SuggestedRemedy Replace -200 by 0 (z	Huawei Comment Status X ps/nm will occur only when usi ated to be used in C-band app should be 0 ps/nm for 0 km. ero) Response Status 0	ng G.653 (disper	rsion shifted) fibers,
application, in line w implementations the SuggestedRemedy Replace TBD by "0" Proposed Response Cl 154 SC 154.7.2 Stassar, Peter Comment Type TR The TBD needs to b above the proposed	ith remarks made during previou e optical output power can be ea (zero) Response Status O 2 P111 Huawei Comment Status X re replaced by a value. It is sugg	us meetings that sily adjusted.	# [77	Stassar, Peter Comment Type TR A dispersion of -200 which are not anticip chromatic dispersion SuggestedRemedy Replace -200 by 0 (z Proposed Response	Huawei Comment Status X ps/nm will occur only when usi ated to be used in C-band app should be 0 ps/nm for 0 km. ero) Response Status 0	ng G.653 (disper lications. Therefo	rsion shifted) fibers, ore the minimum
application, in line w implementations the SuggestedRemedy Replace TBD by "0" Proposed Response Cl 154 SC 154.7.2 Stassar, Peter Comment Type TR The TBD needs to b above the proposed	ith remarks made during previou e optical output power can be ea (zero) <i>Response Status</i> O 2 <i>P</i> 111 Huawei <i>Comment Status</i> X re replaced by a value. It is sugg Tx average output power.	us meetings that sily adjusted.	# [77	Stassar, Peter <i>Comment Type</i> TR A dispersion of -200 which are not anticipic chromatic dispersion <i>SuggestedRemedy</i> Replace -200 by 0 (z <i>Proposed Response</i> <i>Cl</i> 154 <i>SC</i> 154.7.3	Huawei <i>Comment Status</i> X ps/nm will occur only when usi ated to be used in C-band appl should be 0 ps/nm for 0 km. ero) <i>Response Status</i> 0 <i>P</i> 111	ng G.653 (disper lications. Therefo	rsion shifted) fibers, ore the minimum
application, in line w implementations the SuggestedRemedy Replace TBD by "0" Proposed Response Cl 154 SC 154.7.2 Stassar, Peter Comment Type TR The TBD needs to b above the proposed SuggestedRemedy Replace TBD by "3"	ith remarks made during previou e optical output power can be ea (zero) <i>Response Status</i> O 2 <i>P</i> 111 Huawei <i>Comment Status</i> X re replaced by a value. It is sugg Tx average output power.	us meetings that sily adjusted.	# [77	Stassar, Peter <i>Comment Type</i> TR A dispersion of -200 which are not anticipic chromatic dispersion <i>SuggestedRemedy</i> Replace -200 by 0 (z <i>Proposed Response</i> <i>Cl</i> 154 <i>SC</i> 154.7.3 Stassar, Peter <i>Comment Type</i> TR	Huawei <i>Comment Status</i> X ps/nm will occur only when usi ated to be used in C-band appi should be 0 ps/nm for 0 km. ero) <i>Response Status</i> 0 <i>P</i> 111 Huawei	ng G.653 (disper lications. Therefo	rsion shifted) fibers, ore the minimum
application, in line w implementations the SuggestedRemedy Replace TBD by "0" Proposed Response Cl 154 SC 154.7.2 Stassar, Peter Comment Type TR The TBD needs to b above the proposed SuggestedRemedy Replace TBD by "3"	ith remarks made during previou e optical output power can be ea (zero) Response Status O 2 P111 Huawei Comment Status X re replaced by a value. It is sugg Tx average output power.	us meetings that sily adjusted.	# [77	Stassar, Peter Comment Type TR A dispersion of -200 which are not anticipic chromatic dispersion SuggestedRemedy Replace -200 by 0 (z Proposed Response Cl 154 SC 154.7.3 Stassar, Peter Comment Type TR The parameter "Fibe	Huawei <i>Comment Status</i> X ps/nm will occur only when usi ated to be used in C-band appi should be 0 ps/nm for 0 km. ero) <i>Response Status</i> O <i>P</i> 111 Huawei <i>Comment Status</i> X	ng G.653 (disper lications. Therefo	rsion shifted) fibers, ore the minimum
application, in line w implementations the SuggestedRemedy Replace TBD by "0" Proposed Response Cl 154 SC 154.7.2 Stassar, Peter Comment Type TR The TBD needs to b above the proposed SuggestedRemedy	ith remarks made during previou e optical output power can be ea (zero) Response Status O 2 P111 Huawei Comment Status X re replaced by a value. It is sugg Tx average output power.	us meetings that sily adjusted.	# [77	Stassar, Peter Comment Type TR A dispersion of -200 which are not anticip chromatic dispersion SuggestedRemedy Replace -200 by 0 (z Proposed Response Cl 154 SC 154.7.3 Stassar, Peter Comment Type TR The parameter "Fibe deleted SuggestedRemedy	Huawei <i>Comment Status</i> X ps/nm will occur only when usi ated to be used in C-band appi should be 0 ps/nm for 0 km. ero) <i>Response Status</i> O <i>P</i> 111 Huawei <i>Comment Status</i> X	ng G.653 (disper lications. Therefo <i>L</i> 39 does not seem to	rsion shifted) fibers, ore the minimum

	SC 154.7.3	P111	L 40	# 81	C/ 1	SC 1.4	P 22	L	# 84
Stassar, P	eter	Huawei			Stassar, Po	eter	Huawei		
Comment	Type TR	Comment Status X			Comment	Type TR	Comment Status X		
ps/nm	.nm.km is an app	persion slope (max) (S0)" neo propriate minimum for both G					tion of channel spacing. The ecommendation ITU-T G.67		ion is consistent with
	ence of FWM				Suggested	lRemedy			
Suggested							el Spacing: The center-to-ce		
•	ce TBD by 0.05 Response	Response Status O			are ba		idjacent channels in a WDN found in [ITU-T G.694.1]. C .694.2]."		
					Proposed I	Response	Response Status 0		
C/ 154	SC 154.7.3	P111	L 42	# 82					
Stassar, P	eter	Huawei			C/ 1	SC 1.4	P 22	L	# 85
Comment		Comment Status X			Stassar, Po	eter	Huawei		
		ie 0f 25 dB for "Minimum opti to comment #88 to D1.1. at t			Comment	Type TR	Comment Status X		
	5	to comment #00 to D1.1. at t	ne January 2020	meeting in Geneva			tion of polarization depende	ent loss. The prop	osed definition is
	1Romodv								
	•						e currently in Recommenda		
	ce TBD by 25					tent with the on			
Repla	•	Response Status O			consis <i>Suggested</i> Add "1 of the	tent with the on <i>Remedy</i> .4.401a polariz state of polariza	e currently in Recommenda ation dependent loss: The v ition (SOP) over all SOPs w	ariation of insertic	on loss due to a variation frequency range
Repla	ce TBD by 25	Response Status 0 P111	L 43	# 83	consis <i>Suggested</i> Add "1 of the	tent with the on <i>IRemedy</i> .4.401a polariz state of polariza M link) or chanr	e currently in Recommenda ation dependent loss: The v	ariation of insertic	on loss due to a variation frequency range
Replace Proposed	ce TBD by 25 Response SC 154.7.3	,	L 43	# 83	consis Suggested Add "1 of the (DWD	tent with the on <i>IRemedy</i> .4.401a polariz state of polariza M link) or chanr	e currently in Recommenda ation dependent loss: The v ttion (SOP) over all SOPs w lel wavelength range (CWD	ariation of insertic	on loss due to a variation frequency range
Replac Proposed	ce TBD by 25 Response SC 154.7.3 eter	P111	L 43	# 83	consis Suggested Add "1 of the (DWD Proposed I	tent with the on <i>IRemedy</i> .4.401a polariz state of polariza M link) or chanr <i>Response</i>	e currently in Recommenda ation dependent loss: The v tion (SOP) over all SOPs w lel wavelength range (CWD <i>Response Status</i> O	ition ITU-T G.671. ariation of insertic ithin the channel M and WWDM lin	on loss due to a variation frequency range ks)
Replace Proposed Cl 154 Stassar, P Comment Becau	ce TBD by 25 Response SC 154.7.3 eter Type TR ise the medium is	P 111 Huawei <i>Comment Status</i> X s a black link there should no			consis Suggested Add "1 of the s (DWDI Proposed I C/ 154	tent with the on <i>IRemedy</i> .4.401a polariz state of polarize M link) or chanr <i>Response</i> SC 154.7.3	e currently in Recommenda ation dependent loss: The v tion (SOP) over all SOPs w lel wavelength range (CWD <i>Response Status</i> O <i>P</i> 111	ariation of insertic	on loss due to a variation frequency range
Replac Proposed Cl 154 Stassar, P Comment Becau discret	ce TBD by 25 Response SC 154.7.3 eter Type TR se the medium is te reflectance be	P 111 Huawei Comment Status X			consis Suggested Add "1 of the (DWD Proposed I	tent with the on <i>IRemedy</i> .4.401a polariz state of polarize M link) or chanr <i>Response</i> SC 154.7.3	e currently in Recommenda ation dependent loss: The v tion (SOP) over all SOPs w lel wavelength range (CWD <i>Response Status</i> O	ition ITU-T G.671. ariation of insertic ithin the channel M and WWDM lin	on loss due to a variation frequency range ks)
Replac Proposed C/ 154 Stassar, P Comment Becau discret	ce TBD by 25 Response SC 154.7.3 eter Type TR se the medium is te reflectance be	P 111 Huawei <i>Comment Status</i> X s a black link there should no			consis Suggested Add "1 of the s (DWD) Proposed I C/ 154 Stassar, Pe Comment	tent with the on <i>IRemedy</i> .4.401a polariz state of polariz M link) or chann <i>Response</i> SC 154.7.3 eter <i>Type</i> T	e currently in Recommenda ation dependent loss: The v tion (SOP) over all SOPs w lel wavelength range (CWD <i>Response Status</i> O <i>P</i> 111 Huawei <i>Comment Status</i> X	ition ITU-T G.671. ariation of insertic ithin the channel M and WWDM lin	n loss due to a variation frequency range ks) # <u>86</u>
Replac Proposed Cl 154 Stassar, P Comment Becau discre Suggested	ce TBD by 25 Response SC 154.7.3 eter Type TR ise the medium is te reflectance be IRemedy	P 111 Huawei <i>Comment Status</i> X s a black link there should no	t be a requireme	nt for "Maximum	consis Suggested Add "1 of the s (DWD) Proposed I CI 154 Stassar, Pe Comment The te	tent with the on <i>IRemedy</i> .4.401a polariz state of polariz M link) or chanr <i>Response</i> SC 154.7.3 eter <i>Type</i> T rm "residual" be	e currently in Recommenda ation dependent loss: The v tion (SOP) over all SOPs w lel wavelength range (CWD <i>Response Status</i> O <i>P</i> 111 Huawei <i>Comment Status</i> X etween brackets in the para	ition ITU-T G.671. ariation of insertic ithin the channel M and WWDM lin <i>L</i> 36 meter name "(resi	on loss due to a variation frequency range ks) # <u>86</u> dual) chromatic
Replac Proposed Cl 154 Stassar, P Comment Becau discre Suggested Delete	ce TBD by 25 Response SC 154.7.3 eter Type TR ise the medium is te reflectance be IRemedy	P111 Huawei Comment Status X s a black link there should no tween TP2 and TP3"	t be a requireme	nt for "Maximum	consis Suggested Add "1 of the s (DWD) Proposed I Cl 154 Stassar, Pe Comment The te dispers	tent with the on IRemedy .4.401a polariz state of polariz M link) or chann Response SC 154.7.3 eter Type T rm "residual" be sion" may be co hich is unlikely	e currently in Recommenda ation dependent loss: The v tion (SOP) over all SOPs w lel wavelength range (CWD <i>Response Status</i> O <i>P</i> 111 Huawei <i>Comment Status</i> X	ition ITU-T G.671. ariation of insertic ithin the channel M and WWDM lin <i>L</i> 36 meter name "(resi dispersion compe	on loss due to a variation frequency range ks) # <u>86</u> dual) chromatic ensation inside the black
Replac Proposed Cl 154 Stassar, P Comment Becau discre Suggested Delete	ce TBD by 25 Response SC 154.7.3 eter Type TR ise the medium is te reflectance be IRemedy e row for "Maximu	P111 Huawei Comment Status X s a black link there should no tween TP2 and TP3" um discrete reflectance betwee	t be a requireme	nt for "Maximum	consis Suggested Add "1 of the s (DWD) Proposed I Cl 154 Stassar, Pe Comment The te dispers link, wi	tent with the on <i>IRemedy</i> .4.401a polariz state of polariz M link) or chann <i>Response</i> <i>SC</i> 154.7.3 eter <i>Type</i> T rm "residual" be sion" may be co hich is unlikely ual)".	e currently in Recommenda ation dependent loss: The v tion (SOP) over all SOPs w lel wavelength range (CWD <i>Response Status</i> 0 <i>P</i> 111 Huawei <i>Comment Status</i> X etween brackets in the parameter offusing and imply usage of	ition ITU-T G.671. ariation of insertic ithin the channel M and WWDM lin <i>L</i> 36 meter name "(resi dispersion compe	on loss due to a variation frequency range ks) # <u>86</u> dual) chromatic ensation inside the black
Replac Proposed Cl 154 Stassar, P Comment Becau discre Suggested Delete	ce TBD by 25 Response SC 154.7.3 eter Type TR ise the medium is te reflectance be IRemedy e row for "Maximu	P111 Huawei Comment Status X s a black link there should no tween TP2 and TP3" um discrete reflectance betwee	t be a requireme	nt for "Maximum	consis Suggested Add "1 of the (DWD) Proposed I Cl 154 Stassar, Pr Comment The te dispers link, wi "(resid	tent with the on <i>Remedy</i> .4.401a polariz state of polariz M link) or chann <i>Response</i> <i>SC</i> 154.7.3 eter <i>Type</i> T rm "residual" be sion" may be co hich is unlikely ual)". <i>IRemedy</i>	e currently in Recommenda ation dependent loss: The v tion (SOP) over all SOPs w lel wavelength range (CWD <i>Response Status</i> 0 <i>P</i> 111 Huawei <i>Comment Status</i> X etween brackets in the parameter offusing and imply usage of	ition ITU-T G.671. ariation of insertic ithin the channel M and WWDM lin <i>L</i> 36 meter name "(resi dispersion components. Therefore it is	on loss due to a variation frequency range ks) # <u>86</u> dual) chromatic ensation inside the black

C/ 153 SC 153.2.4.4 P92 L13 # 87 C/ 154 SC 8.1 P112 L6 # 90 Maniloff, Eric Ciena Finisar II-VI DeAndrea, John Comment Type E Comment Status X Comment Type E Comment Status X FAS COMPARE should read COMP to be consistent with the left side of the block diagram "Any of the test patterns given for a particular test in Table 154-12 may be used to perform that test." is not needed SuggestedRemedy SuggestedRemedy Change to COMP Remove sentance Proposed Response Response Status 0 Proposed Response Response Status **O** SC 153.2.4.4 P92 C/ 153 L14 # 88 C/ 154 SC 8.1 P112 L16 # 91 Maniloff. Eric Ciena Finisar II-VI DeAndrea, John Comment Type E Comment Status X Comment Type E Comment Status X FAS COMPAR is a typo TBD not required SuggestedRemedy SuggestedRemedy change FAS COMPAR to FAS COMPARE Fliminate TBD Proposed Response Response Status 0 Proposed Response Response Status 0 C/ 154 SC 154.8.13 P113 L47 # 89 C/ 154 SC 8.1 P112 L19 # 92 Maniloff. Eric Ciena DeAndrea, John Finisar II-VI Comment Status X Comment Type E Comment Type E Comment Status X The reach will likely be limited to < 80km for the unamplified case due to the input power Consider dropping table 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 Drop table since a specific pattern is not required for testing transmitter characteristics. be in clause 154.8.13 rather than 154.8.15 Proposed Response Response Status 0 SuggestedRemedy 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

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

Proposed Response Response Status **O**

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 8.2	P 112	L33	# 93	C/ 154 SC 6	P 107	L25	# <u>9</u> 6
DeAndrea, John	Finisar II-VI			DeAndrea, John	Finisar II-VI		
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
eliminate sentance.					clear, "However, it does not enab		
SuggestedRemedy					optical multiplexer and demultiple multichannel points? If a single		
eliminate sentance " 154–12."	The transmitter is modulated usi	ng the test pat	tern defined in Table		ics, then mentioning interoperab		
Proposed Response	Response Status 0			SuggestedRemedy			
				Drop sentaence.			
C/ 154 SC 8.3	P 112	L 38	# 94	Proposed Response	Response Status O		
DeAndrea, John	Finisar II-VI						
Comment Type E	Comment Status X			C/ 154 SC 7.2	P 111	L11	# 97
Modify				DeAndrea, John	Finisar II-VI		
SuggestedRemedy				Comment Type T	Comment Status X		
Change to: "The aver	rage optical power is measured	per the test set	tup in Figure 53–6."	TBD value for receiv	er uarnage intestiolu.		
Change to: "The aver Proposed Response	rage optical power is measured Response Status 0	per the test set	tup in Figure 53–6."		er damage tillesnold.		
0		per the test set	tup in Figure 53–6."	SuggestedRemedy For amplified links, 4	48 channel system can have 48		
Proposed Response	Response Status O			<i>SuggestedRemedy</i> For amplified links, 4 km link. Total amplifi	48 channel system can have 48 ied power for +1 dBm launch po	ower, 48 channe	els, 17.8 dBm total
0		per the test set	# <u>95</u>	SuggestedRemedy For amplified links, 4 km link. Total amplifi power is realized. Oo receiver without a De	48 channel system can have 48 ied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usi	ower, 48 channe e, and this total	els, 17.8 dBm total power is applied to a
Proposed Response Cl 154 SC 9.1	Response Status O			SuggestedRemedy For amplified links, 4 km link. Total amplifi power is realized. Oo	48 channel system can have 48 ied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usi	ower, 48 channe e, and this total	els, 17.8 dBm total power is applied to a
Proposed Response Cl 154 SC 9.1 DeAndrea, John Comment Type E Modify sentence	Response Status O P114 Finisar II-VI			SuggestedRemedy For amplified links, 4 km link. Total amplifi power is realized. Oo receiver without a De threshold for receive Proposed Response	48 channel system can have 48 ied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usi er damage threshold. <i>Response Status</i> O	ower, 48 channe e, and this total ng 18 dBm as r	els, 17.8 dBm total power is applied to a naximum damage
Proposed Response Cl 154 SC 9.1 DeAndrea, John Comment Type E Modify sentence SuggestedRemedy	Response Status O P114 Finisar II-VI	L51	# <u>95</u>	SuggestedRemedy For amplified links, 4 km link. Total amplifi power is realized. Oo receiver without a De threshold for receive Proposed Response	48 channel system can have 48 ied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usin er damage threshold. <i>Response Status</i> O <i>P</i> 110	ower, 48 channe e, and this total	els, 17.8 dBm total power is applied to a
Proposed Response Cl 154 SC 9.1 DeAndrea, John Comment Type E Modify sentence SuggestedRemedy Change to: "whether	Response Status O P114 Finisar II-VI Comment Status X	L51	# <u>95</u>	SuggestedRemedy For amplified links, 4 km link. Total amplifi power is realized. Oo receiver without a De threshold for receive Proposed Response	48 channel system can have 48 ied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usi er damage threshold. <i>Response Status</i> O	ower, 48 channe e, and this total ng 18 dBm as r	els, 17.8 dBm total power is applied to a naximum damage
Proposed Response Cl 154 SC 9.1 DeAndrea, John Comment Type E Modify sentence SuggestedRemedy Change to: "whether	Response Status O P114 Finisar II-VI Comment Status X coupled into a fiber or from an o	L51	# <u>95</u>	SuggestedRemedy For amplified links, 4 km link. Total amplifi power is realized. Oo receiver without a De threshold for receive Proposed Response Cl 154 SC 8.1 DeAndrea, John Comment Type T	48 channel system can have 48 ied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usin er damage threshold. <i>Response Status</i> O <i>P</i> 110 Finisar II-VI <i>Comment Status</i> X	ower, 48 channe e, and this total ng 18 dBm as r <i>L</i> 52	els, 17.8 dBm total power is applied to a naximum damage # <u>98</u>
Proposed Response Cl 154 SC 9.1 DeAndrea, John Comment Type E Modify sentence SuggestedRemedy Change to: "whether	Response Status O P114 Finisar II-VI Comment Status X coupled into a fiber or from an o	L51	# <u>95</u>	SuggestedRemedy For amplified links, 4 km link. Total amplifi power is realized. Oo receiver without a De threshold for receive Proposed Response Cl 154 SC 8.1 DeAndrea, John Comment Type T Specific test patterns Clause 153.2.3.2.6 S	48 channel system can have 48 ied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usin er damage threshold. <i>Response Status</i> O <i>P</i> 110 Finisar II-VI	ower, 48 channe e, and this total ng 18 dBm as r <i>L</i> 52 ause 153.2.3.2.5 optical signals.	# 98 5 SC-FEC encoder, and The scrambler and dual
Proposed Response Cl 154 SC 9.1 DeAndrea, John Comment Type E Modify sentence SuggestedRemedy Change to: "whether	Response Status O P114 Finisar II-VI Comment Status X	L51	# <u>95</u>	SuggestedRemedy For amplified links, 4 km link. Total amplifi power is realized. Oo receiver without a De threshold for receive Proposed Response Cl 154 SC 8.1 DeAndrea, John Comment Type T Specific test patterns Clause 153.2.3.2.6 S carrier channels prov	48 channel system can have 48 ied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usin er damage threshold. <i>Response Status</i> O <i>P</i> 110 Finisar II-VI <i>Comment Status</i> X s are not required, based on Cla Scrambler for dual polarization o	ower, 48 channe e, and this total ng 18 dBm as r <i>L</i> 52 ause 153.2.3.2.5 optical signals.	# 98 5 SC-FEC encoder, and The scrambler and dual
Proposed Response Cl 154 SC 9.1 DeAndrea, John Comment Type E Modify sentence SuggestedRemedy	Response Status O P114 Finisar II-VI Comment Status X	L51	# <u>95</u>	SuggestedRemedy For amplified links, 4 km link. Total amplifi power is realized. Or receiver without a De threshold for receive Proposed Response Cl 154 SC 8.1 DeAndrea, John Comment Type T Specific test patterns Clause 153.2.3.2.6 S carrier channels prov compliance. SuggestedRemedy Modify 154.8.1 to: "C 153.2.3.2.5 SC-FEC	48 channel system can have 48 ied power for +1 dBm launch po ccassionally, mistakes are made eMux or fiber span. Suggest usin er damage threshold. <i>Response Status</i> O <i>P</i> 110 Finisar II-VI <i>Comment Status</i> X s are not required, based on Cla Scrambler for dual polarization o	ower, 48 channe e, and this total ng 18 dBm as r <i>L</i> 52 ause 153.2.3.2.9 optical signals. To tical signal para normal operatio 2.6 Scrambler, p	els, 17.8 dBm total power is applied to a naximum damage # <u>98</u> 5 SC-FEC encoder, and The scrambler and dual ameter messurment and

C/ 154 SC 154.7.1 P110 L5 # 👳	C/ 154 SC 154.8.1 P111 L11 # 102
Schmitt, Matt CableLabs	Schmitt, Matt CableLabs
Comment Type T Comment Status X	Comment Type T Comment Status X
For the TBD value of "Average channel output power (max)" in Table 154-8, pro adopting the same value as the CableLabs PHYv1.0 specification, which was se safety threshold (as opposed to a power level anyone thought would ever be use SuggestedRemedy Change "TBD" to "7" for "Average channel output power (max)" in Table 154-8.	lected as a receiver if a transmitter and receiver are connected back to back would nominally be the
Proposed Response Response Status O	SuggestedRemedy
	Change "TBD" to "18" for "Damage threshold" in Table 154-9.
C/ 154 SC 154.8.1 P111 L1 # 1	Proposed Response Response Status O
Schmitt, Matt CableLabs Comment Type E Comment Status X	C/ 154 SC 154.8.1 P111 L42 # 103
Shouldn't Table 154-9 be in Sub-clause154.7.2 as in previous drafts? Is there a	
that it isn't inline with that text? If not, it should be moved there.	Comment Type T Comment Status X
Currente d Domodu	
	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
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 "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 other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and removing
Move Table 154-9 back into sub-clause 154.7.2. Proposed Response Response Status O	downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 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.
Proposed Response Response Status O	downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 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. SuggestedRemedy
Move Table 154-9 back into sub-clause 154.7.2. Proposed Response Response Status O Cl 154 SC 154.8.1 P111 L29 # 1 Schmitt, Matt CableLabs Comment Type E Comment Status X Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in previous drafts? Is there	 downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 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. SuggestedRemedy Delete the row from Table 154-10 for "Optical return loss at TP2".
Move Table 154-9 back into sub-clause 154.7.2. Proposed Response Response Status Cl 154 SC 154.8.1 P111 L 29 # 10 Schmitt, Matt CableLabs Comment Type E Comment Status X Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in previous drafts? Is there isn't inline with that text? If not, it should be moved there.	 downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 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. SuggestedRemedy Delete the row from Table 154-10 for "Optical return loss at TP2".
Move Table 154-9 back into sub-clause 154.7.2. Proposed Response Response Status Cl 154 SC 154.8.1 P111 L29 # 10 Schmitt, Matt CableLabs Comment Type E Comment Status X Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in previous drafts? Is there isn't inline with that text? If not, it should be moved there. SuggestedRemedy	 downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 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. SuggestedRemedy Delete the row from Table 154-10 for "Optical return loss at TP2".
Move Table 154-9 back into sub-clause 154.7.2. Proposed Response Response Status O Cl 154 SC 154.8.1 P111 L29 # 10 Schmitt, Matt CableLabs Comment Type E Comment Status X Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in previous drafts? Is there isn't inline with that text? If not, it should be moved there. SuggestedRemedy Move Table 154-10 back into sub-clause 154.7.3.	downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 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. Image: style="text-align: center;">SuggestedRemedy Delete the row from Table 154-10 for "Optical return loss at TP2". Proposed Response Response Status O
Move Table 154-9 back into sub-clause 154.7.2. Proposed Response Response Status O Cl 154 SC 154.8.1 P111 L29 # 10 Schmitt, Matt CableLabs Comment Type E Comment Status X Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in previous drafts? Is there isn't inline with that text? If not, it should be moved there. SuggestedRemedy Move Table 154-10 back into sub-clause 154.7.3.	downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and removing "Optical return loss at TP2" from Table 154-10.11SuggestedRemedy Delete the row from Table 154-10 for "Optical return loss at TP2".Proposed ResponseResponse Status0Cl 154SC 154.8.1P111L43104
Move Table 154-9 back into sub-clause 154.7.2. Proposed Response Response Status O Cl 154 SC 154.8.1 P111 L29 # 10 Schmitt, Matt CableLabs Comment Type E Comment Status X Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in previous drafts? Is there isn't inline with that text? If not, it should be moved there. SuggestedRemedy Move Table 154-10 back into sub-clause 154.7.3.	downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 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. 01 SuggestedRemedy 0 Delete the row from Table 154-10 for "Optical return loss at TP2". Proposed Response Response Status 0 Cl 154 SC 154.8.1 P111 L43 # 104 Schmitt, Matt CableLabs CableLabs CableLabs
Move Table 154-9 back into sub-clause 154.7.2. Proposed Response Response Status O Cl 154 SC 154.8.1 P111 L29 # 10 Schmitt, Matt CableLabs Comment Type E Comment Status X Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in previous drafts? Is there isn't inline with that text? If not, it should be moved there. SuggestedRemedy Move Table 154-10 back into sub-clause 154.7.3.	downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 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. Image: the same point (one implicitly, one explicitly). To be consistent with 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. Image: the same point (one implicitly one explicitly). To be consistent with 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. Image: the same point (one implicitly one explicitly). To be consistent with 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. Image: the same point (one implicitly one explicitly). To be consistent with other usage in 802.3, propose keeping "Optical return loss" in Table 154-8, and removing "Optical return loss at TP2". Image: the row from Table 154-10 for "Optical return loss at TP2". Proposed Response Response Status O Image: the contribution stassar_3ct_01_200213, propose to remove "Maximum discrete"
Move Table 154-9 back into sub-clause 154.7.2. Proposed Response Response Status O Cl 154 SC 154.8.1 P111 L29 # 10 Schmitt, Matt CableLabs Comment Type E Comment Status X Shouldn't Table 154-10 be in Sub-clause 154.7.3 as in previous drafts? Is there isn't inline with that text? If not, it should be moved there. SuggestedRemedy Move Table 154-10 back into sub-clause 154.7.3.	downstream into the fiber. Therefore, having "Optical return loss" in Table 154-8 and "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 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. Image: Constraint of the fiber. Therefore, having "Optical return loss" in Table 154-8, and removing "Optical return loss at TP2" from Table 154-10. Image: Constraint of the fiber. Therefore, having "Optical return loss" in Table 154-8, and removing "Optical return loss at TP2" from Table 154-10. Image: Constraint of the fiber. Therefore, having "Optical return loss" in Table 154-8, and removing "Optical return loss at TP2" from Table 154-10. Image: Constraint of the fiber. Therefore, having "Optical return loss" in Table 154-8, and removing "Optical return loss at TP2" from Table 154-10. Image: Constraint of the fiber. Therefore, having "Optical return loss at TP2". Image: Constraint of the fiber. Therefore, having "Optical return loss at TP2". Image: Constraint of the fiber. Therefore, having "Optical return loss at TP2". Image: Constraint of the fiber. Therefore, having "Optical return loss at TP2". Image: Constraint of the fiber. Therefore, having "Optical return loss at TP2". Proposed Response Response Status O C/ 154 SC 154.8.1 P111 L43 # 104 Schmitt, Matt CableLabs Comment Type<

CI 1 SC 1 P21 L14 # 105 Nicholl, Gary Cisco systems Cisco systems Cisco systems Cisco systems Comment Type E Comment Status X The "important Notice" is no longer required according to IEEE. Suggested/Remedy Cisco systems Comment Type T Comment Status X Delete lines 16 through 24: IMPORTANT NOTICE: IEEE Standards documents are not intender to ensure safety, health, or environmental protection, or ensure against interference protection practices and all applicable laws and regulations. This IEEE document is made available for use subject to important notices and legal disclaimers. These notes the available for use subject to important Notices and Disclaimers concerning IEEE Documents. Cisco systems Proposed Response Response Status O Cisco systems Comment Type T Comment Status X IEEE Stid 802.3cm-2020 and 802.3cq-200X to 802.3cq-20					·				
Comment Type E Comment Status X The "important Notice" is no longer required according to IEEE. SuggestedRemedy Delete lines 14 through 24: IMPORTANT NOTICE: IEEE Standards documents are not interference with or from other devices or networks. Implementers of IEEE Standards documents are responsible for determining and complying with all appropriate safety, security, environmental, health, and interference protection practices and all applicable laws and regulations. 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 heading "Important Notice" or "Important Notice" or "important notices and Disclaimers Concerning IEEE Documents." They can also be obtained on request from IEEE or viewed at http://standards.ieee.org/IPR/disclaimers.html Proposed Response Response Status O CI 154 SC 154.9.1 P114 L44 # 106 Nicholl, Gary Cisco systems Comment Type E Comment Status X IEEE Status O CI 154 SC 154.9.1 P114 L44 # 106 Nicholl, Gary Cisco systems Comment Type E Comment Status X P802.3cr is in the 1st WG ballot recirculation and is likely to complete the ballot cycle prior to P02.3cr is in the 1st WG ballot recirculation and the P80.2.3cr rejoct should be maintained to keep this material in sync. SuggestedRemedy Change All equipment subject to this clause shall conform to IEC 60950-1." to "All equipment subject to this clause shall conform to IEC 60950-1." to "All equipment subject to this clause shall conform to IEC 60950-1." to "All equipment subject to this clause shall conform to IEC 60950-1." to "All equipment subject to this clause shall conform to IEC 60950-1." to "All equipment subject to this clause shall conform to IEC 60950-1." to "All equipment subject to this clause shall conform to IEC 60950-1." to "All equipment subject to this clause shall conform to IEC 60950-1." to "All equipment subject to this clause shall conform to IEC 60950-1." t	C/ 1 SC 1	P 21	L 14	# <u>1</u> 05	C/ 154	SC 154.11	P 117	L 1	# <u>1</u> 07
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SuggestedRemedy Delete lines 14 through 24: IMPORTANT NOTICE: IEEE Standards documents are not intended to ensure adaption tintender to ensure adaptions. SuggestedRemedy Add "General Safety" PICS entry and use "Conforms to J 2" for Value/format. Proposed Response Response Status O C1 1 SC 154.9.1 P114 L24 # [106] Proposed Response Response Status O C/ 1 SC 180.3 Cm-2020 and 802.3 cm-2020 have now been approved SuggestedRemedy L10 # [106] Nicholl, Gary Cisco systems Comment Status X Proposed Response Response Status O C/ 1 SC 154.9.1 P114 L44 # [106] Nicholl, Gary Cisco systems Comment Status X O C/ 1 SC 154.9.1 P114 L44 # [106] Nicholl, Gary Cisco systems Comment Status X O Proposed Response Response Status O C/ 80 SC 80.1.3 P49 L10 # [109] Nicholl, Gary Cisco systems Comment Status X Extra space between "and" and "in" SuggestedRemedy SuggestedRemedy Cost is harmonizing general safety	Comment Type E	Comment Status X			Commen	t Type T	Comment Status X		
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C/ 154 SC 154.9.1 P114 L44 # [106] Nicholl, Gary Cisco systems Cisco systems Comment Type T Comment Status X Comment Status X P802.3cr is harmonizing general safety references across all of IEEE 802.3 in Annex J. Extra space between "and " and "in" P802.3cr is in the 1st WG ballot recirculation and is likely to complete the ballot cycle prior to P802.3ct. Coordination between TFs and the P802.3cr project should be maintained to keep this material in sync. SuggestedRemedy SuggestedRemedy Change "All equipment subject to this clause shall conform to IEC 60950-1." to "All equipment subject to this clause shall conform to the general safety requirements as specified in J.2". Add Editor's Note to be removed prior to SA ballot to align text with Nicholl, Gary Cisco systems	•	•			Proposed	Response	Response Status O		
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	equipment subject specified in J.2". A	to this clause shall conform to the dd Editor's Note to be removed p	e general safety	requirements as					
Proposed Response Response Status O	Proposed Response	Response Status 0							

				<u> </u>					
80 SC 80).1.3	P 49	L14	# <u>1</u> 10	C/ 80	SC 80.1.5	P 50	L 6	# <u>1</u> 13
choll, Gary		Cisco systems			Nicholl, Gary		Cisco system	S	
	E Comment S			.	Comment Ty		Comment Status X		
"Figure 80-1" in	ruction states "Change the document	Figure 80-1 in	80.1.3 as follow	vs:", but there is no			able , so there should be no	underlining.	
uggestedRemedy					SuggestedRe	•	n Table 80-4b		
Import Figure 80	0-1 and update accord	ingly.			Proposed Re				
roposed Response	e Response S	tatus O			FTOposed Re	sponse	Response Status O		
				"	CI 80	SC 80.3.2	P 51	L 28	# 114
80 SC 80		P 50	L 3	# 111	Nicholl, Gary		Cisco system	S	
choll, Gary		Cisco systems			Comment Ty	pe E	Comment Status X		
21	E Comment S		0 0 10 00 felle	way" but the tebal	Extra spa	ace between ²	100GBASE-R and 100GBAS	E-P	
inserted is actua	on states "Insert Table ally Table 80-4b.	ou-4 aiter Tabi	e ou-4a as tollo	ws., but the tabel	SuggestedRe	-			
uggestedRemedy						•	he extra space after the "and	-	
Update editing i	nstruction to read " "In	sert Table80–4	b after Table 80)-4a as follows:"	Proposed Re	esponse	Response Status 0		
roposed Response	e Response S	tatus O							
					C/ 80	SC 80.3.2	P 51	L 30	# 115
80 SC 80).1.5	P 50	L 6	# 112	Nicholl, Gary		Cisco system	S	
choll, Gary		Cisco systems			Comment Typ		Comment Status X		
omment Type	T Comment S	Status X			-	underline, und	ler space.		
Table 80-4b is n	missing a column for C	lause 135.			SuggestedRe				
uggestedRemedy					•	•	a, " to "Figure 80–4a, "		
Add a column fo	or Clause 135.				Proposed Re	esponse	Response Status 0		
roposed Response	e Response S	tatus O							
					C/ 80	SC 80.3.2	P 52	L 1	# 116
					Nicholl, Gary		Cisco system	S	
					Comment Ty	pe E	Comment Status X		
					There sh	ould be no ur	derline in editing instruction		
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					SuggestedRe	e <i>medy</i> underline in e	editing instruction Response Status 0		

	P 52	L 49	# <u>1</u> 17	C/ 154 SC 154.8.1	P 112	L 27	# <u>1</u> 20
licholl, Gary	Cisco systems			D'Ambrosia, John	Futurewei, U.S	S. Subsidiary of	Huawei
Comment Type E	Comment Status X			Comment Type TR	Comment Status X		
	302.3cu in editing instruction				154-12 is TBD. There are no ing to Table 154-12 in the dra		meters requiring a tes
SuggestedRemedy				SuggestedRemedy	5		
2018) as follows (ur	ruction from "Change Table80–5 (a nchanged 40G rows not	as modified by	TEEE Std 802.3cd-	,	the entire row for the "TBD" e	entry	
shown)" to				Proposed Response	Response Status 0		
	5 (as modified by IEEE Std 802.3cd 40G rows not	d-2018 and IEE	EE Std 802.3cu-xx) as				
shown)"				C/ 154 SC 154.8.1	P 112	L15	# 121
Proposed Response	Response Status 0			D'Ambrosia, John	Futurewei, U.S	S. Subsidiary of	Huawei
				Comment Type TR	Comment Status X		
C/00 SC 0	P 61	L 4 7	# 118	The last entry in Table	154-11 is TBD. There are no	o other defined te	est patterns.
		L41	# 110	SuggestedRemedy			
ewis, David	Lumentum				of the entire row for the "TBD	" entry	
Comment Type E	Comment Status X	ation block die		2. Rename Table 154-	11 to "Test Pattern"		
	152-2 does not say what it is a fun	ICTION DIOCK DIA	igram or.	Proposed Response	Response Status O		
SuggestedRemedy							
0 1	Inverse RS-FEC sublayer function	ial block diagra	am".	C/ 154 SC 154.8.1	P 112	L 22	# 122
Proposed Response	Response Status O			D'Ambrosia. John		S. Subsidiary of	
				Comment Type TR	Comment Status X	5. Oubsidiary of	Indawei
C/00 SC 0	<i>P</i> 110	L 26	# 119	51	ne test pattern defined in Tab	le 154- in that ca	an be used in Table
ewis, David	Lumentum			154-12 for the optical p			
Comment Type T	Comment Status X			SuggestedRemedy			
	olerance should be a minimum val	lue, not maxim	ium. For example, a	Change TBD in all opti	ical paramaeter entries to Pat	tern 5.	
21		more power r	eflected back into the	Proposed Response	Response Status O		
Optical return loss t return loss from the transmitter and a re	e black link of 24 dB would result in eturn loss from the black link of 26 the transmitter. Therefore the limit	dB would resul	It in less power				
Optical return loss t return loss from the transmitter and a re reflected back into t	eturn loss from the black link of 26	dB would resul	It in less power				

Proposed Response

Response Status 0

	SC 154.8.1	P112	L18	# <u>1</u> 23
D'Ambros	ia, John	Futurewei, U	.S. Subsidiary of	Huawei
Comment	Type E	Comment Status X		
		2 seems incorrect. The IT ing defined is the test patte		
Suggestee				
	ge title of Table 15 auses.	54-12 to "Optical Parameter	Test-pattern defi	nitions and related
Proposed	Response	Response Status O		
C/ 45	SC 45.2.1.21	D P27	L 35	# 124
Issenhuth	Tom	Huawei		
	,			
	<i>Type</i> E s table 45.24b "as	Comment Status X s inserted by IEEE Std 802. D19 and modifed by IEEE S		le 45.24b was inserted
States by IEE Suggestee	⁷ <i>Type</i> E s table 45.24b "as EE Std 802.3cn-20 <i>dRemedy</i>	s inserted by IEEE Std 802.	td 802.3cu-20xx.	
States by IEE <i>Suggester</i> Chanę	⁷ <i>Type</i> E s table 45.24b "as EE Std 802.3cn-20 <i>dRemedy</i>	s inserted by IEEE Std 802. 019 and modifed by IEEE S	td 802.3cu-20xx.	
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