

Comment Type	ER	Comment Status	Α
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The draft should contain the usual description of the editing instructions after the contents section:

"NOTE—The editing instructions contained in this amendment define how to merge the material contained therein into the existing base standard and its amendments to form the comprehensive standard.

The editing instructions are shown in bold italic. Four editing instructions are used: change, delete, insert, and replace. Change is used to make corrections in existing text or tables. The editing instruction specifies the location of the change and describes what is being changed by using strikethrough (to remove old material) and underscore (to add new material). Delete removes existing material. Insert adds new material without disturbing the existing material. Insertions may require renumbering. If so, renumbering instructions are given in the editing instruction. Replace is used to make changes in figures or equations by removing the existing figure or equation and replacing it with a new one. Editing instructions, change markings, and this NOTE will not be carried over into future editions because the changes will be incorporated into the base standard."

Unless it is agreed with IEEE staff that the published amendment will use color to indicate changes for the "Change" instruction, then the usual black strikethrough (to remove old material) and black underscore (to add new material) should be used. For the delete, insert, and replace instructions the text should be normal black.

If something different is used for the drafts without agreement from IEEE staff, then it is likely that a very large number of changes will have to be made during the publication process which will cause delay and is likely to introduce errors. The current scheme will also be very confusing when changes to the draft are reviewed using diff marked drafts.

Having added this section, go through the entire draft making sure that each modification has an editing instruction and that the style used for the text matches that described for that type of change.

Examples of modifications without an editing instruction in D 1.0 are:

45.2.1.11 The title of Clause 60 The title of Annex 75B

The title of Annex 75C

SuggestedRemedy

Add a description of the editing instructions used in the draft amendment after the contents section. Unless agreed otherwise with IEEE staff, this should be the same as used for previous IEEE 802.3 amendments.

Go through the rest of the draft ensuring that only change, delete, insert, or replace are used, that each modification has a corresponding editing instruction and that the text corresponding to each instruction matches the style in the added description.

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

Response ACCEI	PT.	Response Status C		
C/ 00	SC 0	Р	L	# 85
Anslow, Pe	ete	Ciena		

Comment Type ER Comment Status A

The draft does not use the same numbering convention as previous IEEE 802.3 amendments. The convention is:

Where a subclause is inserted prior to the existing first subclause it is labelled [existing subclause - one level].[a through z]. Where a subclause is inserted after an existing subclause - assuming it is not the last - the new subclause it is labelled [subclause number][a through z].

For example to insert two subclauses before 43.2.1 the subclauses would be numbered 43.2.a and 43.2.b. Two subclauses between 43.2.1 and 43.2.2 would be numbered 43.2.1a and 43.2.1b. Two subclauses added after the last subclause 43.2.2 would be numbered 43.2.3 and 43.2.4.

The first example of this is the insertion of text for registers 1.12.11 through 1.12.14 in Clause 45. To be consistent with the existing Clause 45 these should be inserted above 45.2.1.11.1, so using the scheme quoted above they should be numbered 45.2.1.11.a through 45.2.1.11.d. To make this clear, the editing instruction should also include the location of the insertion. For this case it should be:

Insert 45.2.1.11.a through 45.2.1.11.d before 45.2.1.11.1 as follows:

The unmodified text of 45.2.1.11.1 through 45.2.1.11.11 should not be shown as it has not been changed.

SuggestedRemedy

Modify the numbering throughout the draft according to the scheme quoted above. Include the location of the insertion in each "Insert" editing instruction.

Response Response Status C

ACCEPT.

CI 00 SC 0 Page 1 of 19 18/07/2012 17:22:07

C/00 S	C 0	<i>P</i> 1	L 1	# 75	CI 30	SC 30.5.1.1.	2	P 16	L 22	# 2
Remein, Duane	Э	Huawei Tech	hnologies		Sugawa, Ji	un		Hitachi, Ltd.		
the text in [efforts of the D1.0 does r itiated by the	Comment Status A e Editor are VERY laudable i not represent material submi e Editor should be marked a	tted as baseline l	before the TF. All	Suggested	BASE-PX30U" is		IND "1000BASE		sing.
	ent, identify	all text not approved as bas t at a minimum.	eline by the TF a	and leave open for	Response ACCE		Response S	Status C		
Editor knov parameters practice for proposing a	er's coopera w where suc s for specific r initial draft also a set o	tion would be much apprecia ch descriptions are. Also, Th c tables in Clauses 60 and 7 versions, combined the app f changes to other clauses a g/3/bk/public/1205/8023bk_1	e baseline for the 5. The TF Editor proved parameter and locations per	e draft included a set of , following typical rs with the text,	Suggested Chang	<i>Type</i> T ASE-PX30U rep	K30U to 1000E	e 20	L 22 hologies	# 65
	y, the draft t	neeting. text is open for review until th en, text can be modified in a		at it is ready to move to	Response ACCEI See co	PT. omment #2 resol	Response S	Status C		
Additionally the WG ba TF.	y, the draft t Illot. Until th C 0	text is open for review until th	ny way, subject t	at it is ready to move to	ACCEI See cc C/ 45	omment #2 resol SC 45.2.1.11	lution.	P 21	L 15	# 45
Additionally the WG ba TF. 00 S Remein, Duane Comment Type Tables and SuggestedRem Show mark	y, the draft t llot. Until th C 0 e ER d section he nedy <-up properl	text is open for review until then, text can be modified in a	L 11 L 11 hnologies uld be marked as	at it is ready to move to to the approval by the # 63 s added text	ACCEI See co Cl 45 Remein, D Comment Paragr Suggested	SC 45.2.1.11 SC 45.2.1.11 uane Type E raph numbering Remedy	lution. I. 1a <i>Comment</i> for 45.2.1.11.1	P 21 Huawei Techr S <i>tatus</i> A a-d seems odd	ologies , verify correct r	

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

C/ **45** SC **45.2.1.11.1a**

CI 45 SC 45.2.1.6 P 19 L 26 # 14	C/ 60 SC .1 P 27 L 35 # 48
Hajduczenia, Marek ZTE Corporation	Remein, Duane Huawei Technologies
Comment Type T Comment Status A	Comment Type E Comment Status A
"10/1GBASE-PR-U4" should be "10/1GBASE-PRX-U4" Similarly, in line 28 on same page "10/1GBASE-PR-D4" should be "10/1GBASE-PRX-D4"	Tables 60-1a and 60-1b could easily be combine if rotated so that the PMD types former the rows and the parameters were the columns
SuggestedRemedy	SuggestedRemedy
Changes per comment	Combine and rotate table 60-1a and 60-1b into one table.
Response Response Status C	(see 8023bk_1206_remein_1.pfd)
ACCEPT.	Response Response Status C
C/ 45 SC 45.2.1.6 P 19 L 5 # 11	Use the table structure per 8023bk_1207_nishihara_1.pdf.
Hajduczenia, Marek ZTE Corporation	C/ 60 SC 1.4 P 29 L 37 # 73
Comment Type E Comment Status A	Remein, Duane Huawei Technologies
Fix the editorial note in lines 5 and 6, changing "10/1GBASE-PR-D4" to "10/1GBASE-PRX- D4" and "10/1GBASE-PR-U4" to "10/1GBASE-PRX-U4" SuggestedRemedy Changes per comment	Comment Type TR Comment Status A Table 60-2 Reference for 1000BASE-PX10 seems to have changed from Table 60-8 to Table 60-5 with no change to the previously referenced table.
Response Response Status C	SuggestedRemedy
ACCEPT.	Change back to 60-8 in two places.
C/ 56 SC 56.1.3 P 23 L 46 # 60	Response Response Status C ACCEPT IN PRINCIPLE.
Remein, Duane Huawei Technologies	The deleted text is wrong in saying "Table60-8." It will be fixed to "Table60-5".
Comment Type ER Comment Status A	C/ 60 SC 1.4 P 29 L 42 # 74
Editing instructions misplaced.	Remein, Duane Huawei Technologies
SuggestedRemedy Move instructionf for tables 56-2 and 56-3 to immediately before the table, not a few tables away.	Comment Type TR Comment Status A Table 60-2 Reference for 1000BASE-PX20 seems to have changed from Table 60-9 to Table 60-8
Response Response Status C	with no change to the previously referenced table.
ACCEPT.	SuggestedRemedy
	Change back to 60-9 in two places.
	Response Response Status C

CI	60	
SC	1.4	

C/ 60	SC 10.3	P 41	L 15	# 55	C/ 60	SC	4a		P 30	L 18	# 67
Remein, D	Juane	Huawei Tech	nologies		Remein, D	Duane			Huawei Tech	nnologies	
Comment	Type E	Comment Status A			Comment	Туре	т	Comme	nt Status R		
Missin	g editorial note										ion operating at 20.5
Suggested	dRemedy									n to 20 km for 10 km it would not b	000BASE-PX30)" e compliant.
	ote before 60.10 by the table in 60	-							0.4b pg 33 line 2		
Response		Response Status C			Suggestee	dReme	dy				
ACCE	PT.							ngle-mode so 0.5 m to 20 k		at 0.4 m to 20.5	km meets the minimum
<i>CI</i> 60 Remein, D	SC 4a Duane	P 30 Huawei Tech	L 10 nologies	# 61	Note:	it would	d be advi	isable to mak	e this change to	similar wordings	in Cl 60.3 and 60.4.
Comment		Comment Status A			Response)		Respons	e Status C		
		e, 60.4a, as shown below:" S	Since when have	we started to number	REJE	CT.					
Does Suggested	Remedy	use come before or after the e	Ū		chang	je would	d affect t		ext in ah and av.		the description, but this n that this kind of
		ion of where the new clause i st experience has been this v			C/ 60	SC	4a.1		P 30	L 36	# 68
		own below, renumbering sub			Remein, D	Duane			Huawei Tech	nnologies	
Response		Response Status C			Comment	Туре	т	Comme	nt Status R		
	PT IN PRINCIPI									e are to significar ighten transmitte	ntly tighten the line width er wavelength.
Currer 60.4.	nt numbering sch	neme is correct - the new mat	terial is inserted	after existing subclause	This c	commer	nt also ap	pplies to Cl 6	0.4b.1 Table 60-	8d pg 33 line 44	
Modify	/ the editorial not	te "Insert a new subclause, 6	0.4a, as shown	below:"	This c	commer	nt might a	also impact T	able 60-9 if the	suggested chang	e is modified
to					Suggestee	dReme	dy				
	t a new subclaus	e, 60.4a after the text in 60.4	.2, as shown be	low:"				o 1500" and " and "1300 to		1290 to 1330" in	Table 8d)
For the	e similar reason,	add an editorial note after w	hole the text in 6	60.4a,	Response Response Status C REJECT.						
"Inser	t a new subclaus	e, 60.4b after the text in 60.4	a, as shown bel	ow:"	The te the nu The c	echnolo umber c ommen	of the PM Iter shou	ld present an	should be minimi		e requirement is met. s that current linewidth

C/ 60 SC 4a.1

CI 60	SC 4a.2	P 31	L 54	# 69	C/ 60	SC 4b	P 33	L 45	# 42
Remein, E		۲ م Huawei Techr	-	# 69	Tajima, Ak		NEC Corpor	-	# 42
Comment		Comment Status A			Comment		Comment Status R		
of 802	2.3av	nd note regarding damage thr			with po PBEx	ower budget exten candidates and it i	ASE-PRX40 and 10GBAS der (PBEx) for loss budget s difficult to realize good p uch as 70 nm. Also, optica	> 33 dB. Optical erformance optic	l amplifier is one of cal amplifier with wide
Suggestee					1330 r	nm cannot be reali			0 0
		as a seperate paragraph in 60 d included in Table 60-8c doe		a direct ONUL OLT		1310 nm.			
conne neces	ection, which may sary, optical atter	result in damage of the recein nuators and/or equivalent loss	ver. If direct O components	NU–OLT connection is	Suggested	IRemedy			
Add th	ne following note	er below the damage threshole to Damage threashold (max) nection may result in damage	in Table 60-8c		Response REJE(Response Status C		
		to cl 60.4b.2 and table 60-8f			Straw				
Response ACCE		Response Status C				modate the PBEx	range for PX40-U and PRX devices:	<-40-U to 1290 -	1310 nm to
CI 60	SC 4a.2	P 32	L 27	# 62	No: 1				
Remein, D		Huawei Techr	ologies		Don't o Need i	more information:	6		
Comment		Comment Status A		denote be available of the	At this	time the TE sugg	ests that further study is n	oodod to ovalua	to the impact of
	•	n accepted by the TF and sho	buid, at the ver	y least, de marked so.	chang	ing PRX-40-U and	PX-40-U wavelength rang		
Suggester		r to that on Figure 60-4b				of such PMDs, istence with PR40	-U on the same fiber		
Response		Response Status C					lity, design, and cost		
ACCE									
<i>CI</i> 60 Remein, D	SC 4b Duane	<i>P</i> 33 Huawei Techr	L 24 ologies	# 50					
<i>Comment</i> Table	<i>Type</i> E 60-lb?	Comment Status A							
Suggestee Chane	<i>dRemedy</i> ge to Table 60-8d	l.							
Response ACCE		Response Status C							

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

C/ 60 SC 4b

	SC 4b	P 33	L 45	# 41	C/ 60	SC 60.1		27	L 13	# 12
Tajima, Akio		NEC Corpora	tion		Hajduczer	iia, Marek	ZTE	Corporat	tion	
Comment Typ		Comment Status R				Type E	Comment Statu	s A		
		GBASE-PRX40 and 10GBASE ender (PBEx) for loss budget			Space	missing in "P2	2MP1000BASE-X"			
PBEx car	ndidates and	it is difficult to realize good pe	erformance option	cal amplifier with wide	Suggested	Remedy				
		such as 70 nm. Also, optical			Chang	ge to "P2MP 10	00BASE-X"			
		alized with FP-LD and DFB-Ll ngth range of 1000BASE-PX4			Response		Response Status	s C		
1290-131					ACCE	PT.				
SuggestedRe	emedy				C/ 60	SC 60.1	Р	27	L 19	# 47
					Remein, D	luane	Hua	wei Tech	nologies	
Response		Response Status C			Comment	Туре Е	Comment Statu	s A		
REJECT.	Jution to com	ment #12				ested wording ir s confusing.	mprovement. The cor	na in the l	list between med	lium and singl-mode
					Suggested	Remedy				
C/ 60 Remein, Duai	SC 5 ine	P 36 Huawei Techr	L 37 nologies	# 51			SE-PX40-U, 1000BAS)-U, 1000BASE-PX40			ım, single-mode fiber." ïber medium."
Comment Typ	pe E	Comment Status A			Response		Response Status	S C		
There is r	no change to	the note and it need not be in	cluded here.		ACCE	PT.				
SuggestedRe	emedy				C/ 60	SC 60.1	Р	27	L 29	# 66
Remove receiver."		TE—The budgets include an a	llowance for –1	2 dB reflection at the	Remein, D			wei Tech	-	
Response		Response Status C			Comment	Туре Т	Comment Statu	s R		
ACCEPT						em to be imply h may be true)	ving that PX30 & PX4	0 are not	mutually compa	tible with PX10 & PX20.
C/ 60	SC 5	P 37	L 1	# 52	Suggested	Remedy				
Remein, Duai Comment Tyr		Huawei Techr Comment Status A	nologies		Add e extabl		Compatibility of PX30	and PX40) with previous g	enerations must be
,,	•	Table 60-9 is part of CI 60.5 a	and not 60 6		Response		Response Status	S C		
luggestedRe					REJE	CT.				
Include e	editorial note	that Table 60-9 is part of Cl 60 n 60.7.2 as follows:" should be					mpatibility of PX30 are ery clear. The comme			
Response		Response Status C								
-	IN PRINCIP									
Place "Me	lodify the text	in 60.7.2 as follows:" after Ta	ble 60-11.							
Also, plac	ce Table 60-9	9 before (above) 60.6.								
COMMENT S	STATUS: D/d	ed ER/editorial required GR/ ispatched A/accepted R/reje- ubclause, page, line			0	d Z/withdrawn		C/ 60 SC 60		Page 6 of 19 18/07/2012 17:2:

C/ 60	SC 60.1	P 27	L 33	# 80	CI 60
Anslow, P	ete	Ciena			Remein, Du
Comment	Type E	Comment Status A			Comment
	ble 60-1a in IEE title.	ew Table 60-1b, following Tab E Std 802.3 and the two table			Sugger "The 1" (P2MP km and
Leave	the first table a	s Table 60-1 and make the ne nt from each other.	ewly insrted table	e "Table 60-1a" and	PMD s and wit P2MP1
Response	•	Response Status C			typical
	PT IN PRINCIP				Suggested The 10
C/ 60	SC 60.1	P 27	L 5	# 81	sublaye optical
Anslow, P	ete	Ciena			reach v
Comment	Type E	Comment Status A			sublay
		says "Modify the text of 60.1	as shown below	" but not all of the text	sublay provide
	1 is shown.	adys mouly the text of 00.1			split ra
Tho r	forence to Tabl	e 60-1 at the end of 60.1 need	la changing if Ta	blo 61 1b is insorted	Response
		e 60-1 at the end of 60.1 heet	is changing in ta	able off this inserted.	ACCE
Suggester	-				0
Either	:				Change provide
show	all of the text of	60.1			(PONs
					The 10
		instruction to "Change the tex		paragraphs of 60.1 as	up to a
TOHOW	s: and show the	e whole of the text of the first t	wo paragraphs.		sublaye respec
Also,	fix the reference	to Table 60-1 at the end of 6	0.1		100000
Response	•	Response Status C			
ACCE	PT IN PRINCIP	LE.			to:
Show	all of the text of	60.1 by adding the following t	ext at the end of	f current description:	"The 10
		······································			sublaye optical
		ature ranges are defined; see			least 1
		be declared as compliant over			sublaye
SO DE	ciareo (compliar	t over parts of these ranges of	another tempe	erature range).	PMD s
Table	60-1a show the	primary attributes of each PN	/ID type."		provide split rat

C/ 60 SC	60.1	P 27	L 9	# 46
Remein, Duane		Huawei Tech	nologies	
Comment Type	Е	Comment Status A		

ested wording improvement. Existing text:

000BASE-PX10 and 1000BASE-PX20 PMD sublayers provide point-to-multipoint P) 1000BASE-X connections over passive optical networks (PONs) up to at least 10 nd 20 km, respectively and with a typical split ratio of 1:16. The 1000BASE-PX30 sublayers provide P2MP 1000BASE-X connections over PONs up to at least 20 km, vith a typical split ratio of 1:32. The 1000BASE-PX40 PMD sublavers provide P1000BASE-X connections over PONs up to at least 20 km, respectively and with a I split ratio of 1:64."

dRemedy

000BASE-PX10, 1000BASE-PX20, 1000BASE-PX30 and 1000BASE-PX40 PMD vers provide point-to-multipoint (P2MP) 1000BASE-X connections over passive al networks (PONs). The 1000BASE-PX10 PMD sublaver provides at least 10 km whereas the 1000BASE-PX20, 1000BASE-PX30 and 1000BASE-PX40 PMD vers provide at least 20 km reach. The 1000BASE-PX10. and 1000BASE-PX20 PMD vers provide a typical split ratio of 1:16. The 1000BASE-PX30 PMD sublaver ded a typical split ratio of 1:32. The 1000BASE-PX40 PMD sublayer provides a typical atio of 1:64.

Response Status C

PT IN PRINCIPLE.

ge the existing text "The 1000BASE-PX10 and 1000BASE-PX20 PMD sublavers de point-to-multipoint (P2MP) 1000BASE-X connections over passive optical networks s) up to at least 10 km and 20 km, respectively and with a typical split ratio of 1:16. 1000BASE-PX30 PMD sublavers provide P2MP 1000BASE-X connections over PONs at least 20 km, and with a typical split ratio of 1:32. The 1000BASE-PX40 PMD vers provide P2MP1000BASE-X connections over PONs up to at least 20 km. ctively and with a typical split ratio of 1:64."

000BASE-PX10, 1000BASE-PX20, 1000BASE-PX30, and 1000BASE-PX40 PMD vers provide point-to-multipoint (P2MP) 1000BASE-X connections over passive al networks (PONs). The 1000BASE-PX10 PMD sublayers provide the reach of at 0 km whereas the 1000BASE-PX20, 1000BASE-PX30, and 1000BASE-PX40 PMD vers provide the reach of at least 20 km. The 1000BASE-PX10 and 1000BASE-PX20 sublayers provide a typical split ratio of 1:16. The 1000BASE-PX30 PMD sublayers de a typical split ratio of 1:32. The 1000BASE-PX40 PMD sublavers provide a typical split ratio of 1:64."

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

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C/ 60 SC 60.1	P 28	L 16	# 16	C/ 60 S	C 60.1.1		P 29	L 3	# 49
Hajduczenia, Marek	ZTE Corporati	on		Remein, Duan	e		Huawei Tech	inologies	
Comment Type T	Comment Status A			Comment Type	E	Comment	Status R		
	linimum channel insertion lo			How can g	oal b,c,d & e	e apply to all fo	our PMDs?		
channel loss.	s, since there is no differen	ce between upsi	tream and downstream	SuggestedRen	nedy				
SuggestedRemedy					ction to read			0 and 1000PA	SE-PX20, 1000BASE-
Remove note c) for Table	e 60-1b				1000BASE-		UUUDAGE-FAT		5E-FA20, 1000BA3E-
Response	Response Status C					n optical fiber.		rvice interface.	
ACCEPT.									single-mode fiber
C/ 60 SC 60.1	P 28	L 5	# 15			ratio of 1:16.	1000 Mb/a up t	o 20 km on ono	single-mode fiber
Hajduczenia, Marek	ZTE Corporati	-	<i>m</i> 13			ratio of 1:16.			single-mode liber
	•			A 1	1000B	ASE_DY30 is 1	1000 M/h/a	a 20 km an ana	single-mode fiber
Comment Type T	Comment Status A							0 20 km on one	single-mode liber
	Comment Status A se "IEC 60793–2 B1.1, B1.3	3 SMF" as well a	as "ITU–T G.652,	supporting	a fiber split	ratio of 1:32.			single-mode fiber
PX30 and PX40 PMDs us	Comment Status A se "IEC 60793–2 B1.1, B1.3 r these new fiber types was			supporting An objectiv	a fiber split /e of 1000B/	ratio of 1:32.			-
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy	se "IEC 60793–2 B1.1, B1. r these new fiber types was	added in 802.3a	av.	supporting An objectiv supporting <i>Response</i>	a fiber split /e of 1000B/	ratio of 1:32. ASE-PX40 is 1	1000 Mb/s up to		-
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy	se "IEC 60793–2 B1.1, B1.	added in 802.3a	av.	supporting An objectiv supporting	a fiber split /e of 1000B/	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64.	1000 Mb/s up to		-
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy Change "B1.1, B1.3 SMF Response	se "IEC 60793–2 B1.1, B1. r these new fiber types was	added in 802.3a	av.	supporting An objectiv supporting <i>Response</i> REJECT. The text w	a fiber split ve of 1000B/ a fiber split e are extend	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64. <i>Response</i> S ling has been I	1000 Mb/s up to Status C balloted on and	o 20 km on one d it is part of the	single-mode fiber currently approved
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy Change "B1.1, B1.3 SMF Response ACCEPT.	se "IEC 60793–2 B1.1, B1.3 r these new fiber types was E" to "IEC 60793–2 B1.1, B ⁴ <i>Response Status</i> C	added in 802.3a	av.	supporting An objectiv supporting <i>Response</i> REJECT. The text w D3.2 of P8	a fiber split ve of 1000B/ a fiber split e are extend 02.3bh (mai	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64. <i>Response S</i> ling has been I ntenance proje	1000 Mb/s up to Status C balloted on and ect). Nobody c	o 20 km on one d it is part of the omplained abou	single-mode fiber currently approved t this text and it is clea
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy Change "B1.1, B1.3 SMF Response	se "IEC 60793–2 B1.1, B1.3 r these new fiber types was E" to "IEC 60793–2 B1.1, B ⁴ <i>Response Status</i> C	added in 802.3a	av.	supporting An objectiv supporting <i>Response</i> REJECT. The text w D3.2 of P8 to everybo	a fiber split ve of 1000B/ a fiber split e are extend 02.3bh (mai dy what it m	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64. <i>Response S</i> ling has been I ntenance proje eans. The obje	1000 Mb/s up to Status C balloted on and ect). Nobody c ectives are for	o 20 km on one d it is part of the omplained abou the project and i	single-mode fiber currently approved t this text and it is clea not specific PMDs.
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy Change "B1.1, B1.3 SMF Response ACCEPT.	se "IEC 60793–2 B1.1, B1.3 r these new fiber types was E" to "IEC 60793–2 B1.1, B ⁴ <i>Response Status</i> C	added in 802.3a	av.	supporting An objectiv supporting <i>Response</i> REJECT. The text w D3.2 of P8 to everybo	a fiber split ve of 1000B/ a fiber split e are extend 02.3bh (mai dy what it m	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64. <i>Response S</i> ling has been I ntenance proje eans. The obje	1000 Mb/s up to Status C balloted on and ect). Nobody c	o 20 km on one d it is part of the omplained abou the project and <i>L</i> 13	single-mode fiber currently approved t this text and it is clea
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy Change "B1.1, B1.3 SMF Response ACCEPT.	se "IEC 60793–2 B1.1, B1.3 r these new fiber types was E" to "IEC 60793–2 B1.1, B ⁴ <i>Response Status</i> C	added in 802.3a	av.	supporting An objectiv supporting <i>Response</i> REJECT. The text w D3.2 of P8 to everybo	a fiber split ve of 1000B/ a fiber split e are extend 02.3bh (mai dy what it m C 60.10.4.5 farek	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64. <i>Response S</i> ling has been I ntenance proje eans. The obje	1000 Mb/s up to Status C balloted on and ect). Nobody c ectives are for P 42 ZTE Corpora	o 20 km on one d it is part of the omplained abou the project and <i>L</i> 13	single-mode fiber currently approved t this text and it is clean not specific PMDs.
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy Change "B1.1, B1.3 SMF Response ACCEPT.	se "IEC 60793–2 B1.1, B1.3 r these new fiber types was E" to "IEC 60793–2 B1.1, B ⁴ <i>Response Status</i> C	added in 802.3a	av.	supporting An objectiv supporting Response REJECT. The text w D3.2 of P8 to everybo C/ 60 S Hajduczenia, M Comment Type	a fiber split ve of 1000B/ a fiber split e are extend 02.3bh (mai dy what it m c 60.10.4.5 farek e T	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64. <i>Response S</i> ling has been I ntenance proje eans. The obje ia	1000 Mb/s up to Status C balloted on and ect). Nobody c ectives are for P 42 ZTE Corpora Status A	o 20 km on one d it is part of the omplained abou the project and i <i>L</i> 13 tion	single-mode fiber currently approved t this text and it is clean not specific PMDs.
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy Change "B1.1, B1.3 SMF Response ACCEPT.	se "IEC 60793–2 B1.1, B1.3 r these new fiber types was E" to "IEC 60793–2 B1.1, B ⁴ <i>Response Status</i> C	added in 802.3a	av.	supporting An objectiv supporting Response REJECT. The text w D3.2 of P8 to everybo C/ 60 S Hajduczenia, M Comment Type	a fiber split ve of 1000B/ a fiber split e are extend 02.3bh (mai dy what it m C 60.10.4.5 Marek e T E" - does no	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64. <i>Response S</i> ling has been I ntenance proje eans. The obje ia	1000 Mb/s up to Status C balloted on and ect). Nobody c ectives are for P 42 ZTE Corpora Status A	o 20 km on one d it is part of the omplained abou the project and i <i>L</i> 13 tion	single-mode fiber currently approved t this text and it is clea not specific PMDs. # 26
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy Change "B1.1, B1.3 SMF Response ACCEPT.	se "IEC 60793–2 B1.1, B1.3 r these new fiber types was E" to "IEC 60793–2 B1.1, B ⁴ <i>Response Status</i> C	added in 802.3a	av.	supporting An objective supporting Response REJECT. The text we D3.2 of P8 to everybo C/ 60 S Hajduczenia, N Comment Type "3000BAS SuggestedRem	a fiber split ve of 1000B/ a fiber split e are extend 02.3bh (mai dy what it m c 60.10.4.5 larek e T E" - does no nedy	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64. <i>Response S</i> ling has been I ntenance proje eans. The obje ia	1000 Mb/s up to Status C balloted on and ect). Nobody c ectives are for <i>P</i> 42 ZTE Corpora Status A and it is sprea	o 20 km on one d it is part of the omplained abou the project and i <i>L</i> 13 tion	single-mode fiber currently approved t this text and it is clea not specific PMDs. # 26
PX30 and PX40 PMDs us G.657 SMF" - support for SuggestedRemedy Change "B1.1, B1.3 SMF Response ACCEPT.	se "IEC 60793–2 B1.1, B1.3 r these new fiber types was E" to "IEC 60793–2 B1.1, B ⁴ <i>Response Status</i> C	added in 802.3a	av.	supporting An objective supporting Response REJECT. The text we D3.2 of P8 to everybo C/ 60 S Hajduczenia, N Comment Type "3000BAS SuggestedRem	a fiber split ve of 1000B/ a fiber split e are extend 02.3bh (mai dy what it m c 60.10.4.5 larek e T E" - does no nedy	ratio of 1:32. ASE-PX40 is 1 ratio of 1:64. <i>Response S</i> ling has been I ntenance proje eans. The obje ia <i>Comment</i> : t exist really	1000 Mb/s up to Status C balloted on and ect). Nobody c ectives are for <i>P</i> 42 ZTE Corpora Status A and it is sprea	o 20 km on one d it is part of the omplained abou the project and i <i>L</i> 13 tion	single-mode fiber currently approved t this text and it is clea not specific PMDs. # 26

C/ 60 SC 60.10.4.5a

C/ 60 SC 60.4a.1	P 16	L 44	# 3	C/ 60	SC 60.4a.1	P 31	L 16	# 39
Sugawa, Jun	Hitachi, Ltd.			Hajduczenia	, Marek	ZTE Corpora	tion	
Comment Type T	Comment Status A			Comment Ty	rpe T	Comment Status A		
About Table 60-8a. The Launch OMA (mi in mW unit is not desc	n) value of 1000BASE-PX30-D cribed.	in dBm unit is	described, but the value		500 nm), sim	currently RMS spectral widtl lar to what is already in place		
SuggestedRemedy				SuggestedR	emedy			
change Launch OMA "3.78(2.39)".	(min) value of 1000BASE-PX30	-D FROM "3.7	8(TBD)" TO			to Table 60-8b (at the end of	the table) with th	ne following content
Response ACCEPT IN PRINCIF	Response Status C LE.				empty / empty 1480 to 1500 /			
	wrong line and page numbers.	It should have	been described as "I.			culated to account for a smal	·	and tigher TDP values.
45, p. 30) C/ 60 SC 60.4a.1 Hajduczenia, Marek	P 30 ZTE Corporatio	L 30	# [13	- change - change See 802	e first TBD in the second TBD 3bk_1207_ha	B, lines 34-37 in the following his para to value of "0.095" in this para to value of "0.08" duczenia_2.xlsx for details of ell as target epsilon values (not set the set of	f the calculation	
	Comment Status R e 60–8c, Table 60–8d and Table t was done for Table 75–5	e 60–8f merge	rows with the same	Response ACCEP	-	Response Status C		
SuggestedRemedy				C/ 60	SC 60.4a.1	P 31	L 16	# 38
Per comment				Hajduczenia		ZTE Corpora		# 30
Response	Response Status C			Comment Ty	·	Comment Status A		
REJECT.		den Teklende		Table 60		ds to Table 75-10 as publish	ed in 802.3av ar	d it is applicable to
what it looks in DK Sh	ould be consistent with the exis	ating Tables in a	an and av standard.	SuggestedR	emedy			
Cl 60 SC 60.4a.1 Hajduczenia, Marek Comment Type T	P 30 ZTE Corporation Comment Status A	L 45 on	# 17	Remove Remove See 802	the statemen the editorial r 3bk_1207_ha	t "(Tentative)" on page 31, lin ote, on page 31, line 41 duczenia_2.xlsx for confirma 0.08 (informative)		lculated for epsilon of
TBD value for Launch	OMA (min) in mW			Response		Response Status C		
SuggestedRemedy Change "TBD" to "2.3	9" (based on link model spread	lsheet calculati	ons)	ACCEP	Г.			
Response ACCEPT IN PRINCIF See comment #3 reso								

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

C/ 60 SC 60.4a.1

C/ 60 SC 60	.4a.1	P 31	L 5	# 77	C/ 60 SC 60.4a	n.2 P:	32	L 44	# 18
Nishihara, Susumu		NTT			Hajduczenia, Marek	ZTE	Corporation		
Comment Type	Comment	Status R			Comment Type T	Comment Status	S A		
				owever, it was 2.3 dB	missing value for "	Receiver sensitivity OM	A (max)" in uW	/	
	X20-D regardless of	the same way	elength range of	1480 to 1500 nm.	SuggestedRemedy				
SuggestedRemedy	orintian of "1 dD" in t	ha aalumn ta "			Add the value "(2.3	89)" (based on link mode	el spreadsheet	calculation	is)
	cription of "1 dB" in t in TF for more appro		IBD".		Response	Response Status	С		
Response	Response S	Status C			ACCEPT IN PRIN				
REJECT.					See comment #4 r				
For the next me	eting, we are expecti	na to receive c	contribution on di	spersion penalty for	C/ 60 SC 60.4a			L 48	# 19
PX30-D class tra		ing to receive c		spersion penalty ion	Hajduczenia, Marek		Corporation		
Cuoumu will are			ID and proposal t	o ollogoto odditional	Comment Type T	Comment Status			
					Minning working for the				
	vide a contribution w transmit power or im				Missing value for a	Stressed receive sensitiv	vity (max)" para	ameter	
	transmit power or im				SuggestedRemedy				
0.5dB (increase parameters for li	transmit power or im ink budget).				SuggestedRemedy Change "TBD" to "	Stressed receive sensitr -26.00" (based on link m			ations)
0.5dB (increase parameters for li	transmit power or im ink budget).	prove Rx sens	sitivity + recalcula	ate all affected	SuggestedRemedy Change "TBD" to " Response	-26.00" (based on link m Response Status	nodel spreadsh		ations)
0.5dB (increase parameters for li	transmit power or im ink budget). .4a.2	prove Rx sens P 32 Hitachi, Ltd.	sitivity + recalcula	ate all affected	SuggestedRemedy Change "TBD" to "	-26.00" (based on link m Response Status	nodel spreadsh		ations)
0.5dB (increase parameters for li C/ 60 SC 60 Sugawa, Jun	transmit power or im ink budget). .4a.2 r Comment	prove Rx sens P 32 Hitachi, Ltd.	sitivity + recalcula	ate all affected	SuggestedRemedy Change "TBD" to " Response	-26.00" (based on link m <i>Response Status</i> CIPLE.	nodel spreadsh		ations)
0.5dB (increase parameters for li C/ 60 SC 60 Sugawa, Jun Comment Type T About Table 60-	transmit power or im ink budget). .4a.2 r Comment	P 32 P 32 Hitachi, Ltd. Status A	sitivity + recalcula	# 4	SuggestedRemedy Change "TBD" to " Response ACCEPT IN PRINC	-26.00" (based on link m <i>Response Status</i> CIPLE. -26".	odel spreadsh C		ations) # 20
0.5dB (increase parameters for li Cl 60 SC 60 Sugawa, Jun Comment Type T About Table 60- The value of Re	transmit power or im ink budget). .4a.2 T Comment 8c	P 32 P 32 Hitachi, Ltd. <i>Status</i> A A(max) in dBm	<i>L</i> 44	# 4	SuggestedRemedy Change "TBD" to " Response ACCEPT IN PRINC Change "TBD" to "	-26.00" (based on link m <i>Response Status</i> CIPLE. -26". 1.2 P:	odel spreadsh C	neet calcula	
0.5dB (increase parameters for li Cl 60 SC 60 Sugawa, Jun Comment Type T About Table 60- The value of Re	transmit power or in ink budget). .4a.2 T Comment 8c ceiver sensitivity OM	P 32 P 32 Hitachi, Ltd. <i>Status</i> A A(max) in dBm	<i>L</i> 44	# 4	SuggestedRemedy Change "TBD" to " Response ACCEPT IN PRINC Change "TBD" to " C/ 60 SC 60.4a	-26.00" (based on link m <i>Response Status</i> CIPLE. -26". 1.2 P:	C C 32 Corporation	neet calcula	
0.5dB (increase parameters for li C/ 60 SC 60 Sugawa, Jun Comment Type T About Table 60- The value of Red described, but th SuggestedRemedy	transmit power or im ink budget). .4a.2 F Comment 8c ceiver sensitivity OM ne value in micro Wa alue of Receiver sens	P 32 Hitachi, Ltd. Status A A(max) in dBm tt unit is not de	L 44	# 4	SuggestedRemedy Change "TBD" to " Response ACCEPT IN PRING Change "TBD" to " C/ 60 SC 60.4a Hajduczenia, Marek Comment Type T Missing value for "S	-26.00" (based on link m <i>Response Status</i> CIPLE. -26". 1.2 P: ZTE	C C 32 Corporation	neet calcula	# 20
0.5dB (increase parameters for li Cl 60 SC 60 Sugawa, Jun Comment Type T About Table 60- The value of Red described, but th SuggestedRemedy CHANGE the va	transmit power or im ink budget). .4a.2 F Comment 8c ceiver sensitivity OM ne value in micro Wa alue of Receiver sens	P 32 Hitachi, Ltd. Status A A(max) in dBm tt unit is not de sitivity OMA(ma	L 44	# 4	SuggestedRemedy Change "TBD" to " Response ACCEPT IN PRING Change "TBD" to " CI 60 SC 60.4a Hajduczenia, Marek Comment Type T Missing value for "S SuggestedRemedy	-26.00" (based on link m <i>Response Status</i> CIPLE. -26". 1.2 <i>P</i> : ZTE <i>Comment Status</i> Stressed receive sensiti	C C Corporation A vity OMA (max	L 51	# 2 <u>0</u>
0.5dB (increase parameters for li C/ 60 SC 60 Sugawa, Jun Comment Type T About Table 60- The value of Redescribed, but th SuggestedRemedy CHANGE the va FROM "-26.2" T	transmit power or im ink budget). .4a.2 T Comment 8c ceiver sensitivity OM he value in micro Wa alue of Receiver sens O "-26.2(2.40)" Response S	P 32 Hitachi, Ltd. Status A A(max) in dBm tt unit is not de sitivity OMA(ma	L 44	# 4	SuggestedRemedy Change "TBD" to " Response ACCEPT IN PRING Change "TBD" to " CI 60 SC 60.4a Hajduczenia, Marek Comment Type T Missing value for "S SuggestedRemedy	-26.00" (based on link m <i>Response Status</i> CIPLE. -26". 1.2 P: ZTE <i>Comment Status</i>	C C Corporation A vity OMA (max	L 51	# 2 <u>0</u>

C/ 60 SC 60.4a.2

CI 60	SC 60.4b.1	P 33	L 39	# 40	C/ 60	SC 60.4b.1	P 33	L 54	# 21
Hajduczer	ia, Marek	ZTE Corpora	ation		Hajduczer	ia, Marek	ZTE Co	rporation	
Comment	Type T Com	nment Status A			Comment	Туре Т	Comment Status	A	
	ownstream and upstream				Missir	g value for "Lau	nch OMA (min)" parame	eter expressed in (m)	N)
	levices and it is unlikely red with FPLs.	that the target power	r levels and distar	nce reach can be	Suggested	IRemedy			
Under but rat	this assumption, we sho her use the methodolog ssion ratio parameter, as	y more suitable for D	ML devices, i.e. u		Insert	values (1.90) in	1000BASE-PX40-D col 1000BASE-PX40-U col preadsheet calculations	umn	
Suggested	Remedy				Response		Response Status	;	
	nent the following chang				ACCE	PT IN PRINCIPI	_E.		
Ratio	ble 60–8d, replace the ro (min)a" and insert the va ns (a single value can be	lue of "30" for 1000E	BASE-PX40-D and		Add th	e value of 3.01 r	mW in "Launch OMA (n	nin)" column for PX40	0-D, instead of 3.10 mW.
- inser	t note "a" under table wit	th the following text:	"Transmitter is a		CI 60	SC 60.4b.1	P 34	L 12	# 79
mode	- insert note "a ["] under table with the following text: "Transmitter is a single longitudinal mode device. Chirp is allowed such that the total optical path penalty does not exceed that found in Table 60-9". Renumber the remaining notes in the table					Susumu	NTT		
	ove Table 60-9 . Renumber				Comment	Туре Т	Comment Status F	R	
- Rem - Rem	ove text on page 34, line ove text on page 38, line	es 19-21 es 39-42				nitter and disper same as value fo		1000BASE-PX40-U s	hould be 1.4 dB, which
	 Remove text on page 38, lines 39-42 Rewrite text on page 38, lines 44/45 to read as follows: "The chromatic dispersion penalty is a component of transmitter and dispersion penalty (TDP), which is specified in Table 60- 					lRemedy			
	le 60-6, and Table 60–8				Trans	mitter and disper	rsion penalty (max) for 1	000BASE-PX40-U fr	rom 1.0 dB to 1.4 dB.
Response	Resp	onse Status C			Response		Response Status (;	
ACCE	PT IN PRINCIPLE.				REJE	CT.			
	is no term of "optical pat change as follows:	th penalty" in Table 6	30-9. Therefore, ir	nserted text needs a	Apply	resolution of cor	nment #77.		
	C C				CI 60	SC 60.4b.1	P 34	L 12	# 78
Chang	e the text from				Nishihara,	Susumu	NTT		
"Trans	mitter is a single longitu	dinal mode device. (Chirp is allowed s	such that the total	Comment	Туре Т	Comment Status	R	
•	l path penalty does not e	exceed that found in	Table 60-9".				sion penalty (max) for F regardless of the same		
to					Suggested	,			
	mitter is a single longitury does not exceed that for			such that the total			n of "1 dB" in the colum or more appropriate val		
					Response		Response Status	;	
					REJE	CT.			
					Apply	resolution of con	nment #77.		
TYPE: TR	/technical required ER/e	ditorial required GR	₹/general required	T/technical E/editorial C	6/general			C/ 60	Page 11 of 19
COMMEN	•	d A/accepted R/reje	u .	ISE STATUS: O/open W/	0	Z/withdrawn		SC 60.4b.1	18/07/2012 17:22:0

C/ 60									
	SC 60.4b.2	P 35	L 53	# 76	C/ 60	SC 60.4b.2	P 36	L 8	# 23
Nishihara,	, Susumu	NTT			Hajduczenia,	Marek	ZTE Corporat	tion	
Comment	Туре Т	Comment Status A			Comment Ty	pe T	Comment Status A		
Recei	iver sensitiviy OM	A values are described in mo	re detail.		Missing v	alue for "Stre	essed receive sensitivity (max)" parameter	
Suggeste	dRemedy				SuggestedRe	emedy			
		nd -29.2 dBm for PX40-D and .22 dBm, respectively.	I PX40-U, they s	should be described	Insert val	lues "-29.00"	in 1000BASE-PX40-D columr in 1000BASE-PX40-U columr spreadsheet calculations)		
Response		Response Status C					. ,		
ACCE	EPT IN PRINCIPL	.E.			Response	IN PRINCIPI	Response Status C		
Insert	values "-31.22 (0).76)" in 1000BASE-PX40-D c	olumn		ACCEPT		LL.		
Insert	values "-29.22 (1	.20)" in 1000BASE-PX40-U c	olumn				000BASE-PX40-D column 000BASE-PX40-U column		
C/ 60	SC 60.4b.2	P 35	L 54	# 22					"
Hajduczer	nia, Marek	ZTE Corporation	on		<i>Cl</i> 60 Hajduczenia,	SC 60.7.2	P 37 ZTE Corporat	L 17	# 25
Comment	Туре Т	Comment Status A			• •		•	lion	
Missir	ng value for "Rece	eiver sensitivity OMA (max)" p	arameter expre	essed in (uW)	Comment Ty		Comment Status A		
00	dRemedy					–9 contains a preadsheet ca	number of TBD values which lculations	need to be filled	l in based on the link
		1000BASE-PX40-D column 1000BASE-PX40-U column			SuggestedRe	emedy			
	d on link model s				Poplace	the following i	instances of TBD:		
		oreausticer carculations)							
Response)	Response Status C			- 1000BA	SE-PX30 col	umn, upstream, Optical returr		
•	e PT IN PRINCIPL	Response Status C			- 1000BA - 1000BA	SE-PX30 col	umn, upstream, Optical returr umn, downstream, Optical ret	turn loss of ODN	(min): 20
ACCE		Response Status C E.			- 1000BA - 1000BA - 1000BA - 1000BA - 1000BA	SE-PX30 col SE-PX30 col SE-PX40 col SE-PX40 col	umn, upstream, Optical return umn, downstream, Optical rei umn, upstream, Optical return umn, downstream, Optical rei	turn loss of ODN n loss of ODN (m turn loss of ODN	(min): 20 iin): 20 (min): 20
ACCE See c	EPT IN PRINCIPL	Response Status C E.	L 11	# 24	- 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA	ASE-PX30 col ASE-PX30 col ASE-PX40 col ASE-PX40 col ASE-PX40 col ASE-PX30 col	umn, upstream, Optical return umn, downstream, Optical rei umn, upstream, Optical return umn, downstream, Optical rei umn, downstream, Available	turn loss of ODN n loss of ODN (m turn loss of ODN power budget: 30	(min): 20 iin): 20 (min): 20
See c C/ 60	EPT IN PRINCIPL comment #76 reso	Response Status C E. Dution.		# 24	- 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA	SE-PX30 col SE-PX30 col SE-PX40 col SE-PX40 col SE-PX30 col SE-PX30 col SE-PX40 col SE-PX40 col	umn, upstream, Optical return umn, downstream, Optical ret umn, upstream, Optical return umn, downstream, Optical ret umn, downstream, Available umn, upstream, Available pou umn, downstream, Available	turn loss of ODN n loss of ODN (m turn loss of ODN power budget: 30 wer budget: 34.0 power budget: 34	(min): 20 nin): 20 (min): 20 0.0
ACCE See c C/ 60 Hajduczer	EPT IN PRINCIPL comment #76 reso SC 60.4b.2 nia, Marek	Response Status C E. Dution. P 36 ZTE Corporation		# 24	- 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA	SE-PX30 col SE-PX30 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col	umn, upstream, Optical return umn, downstream, Optical ret umn, upstream, Optical return umn, downstream, Optical ret umn, downstream, Available umn, upstream, Available pou umn, downstream, Available umn, downstream, Allocation	turn loss of ODN n loss of ODN (m turn loss of ODN power budget: 30 wer budget: 34.0 power budget: 34 for penalties: 1	(min): 20 nin): 20 (min): 20 0.0
ACCE See c C/ 60 Hajduczer	EPT IN PRINCIPL comment #76 reso SC 60.4b.2 nia, Marek <i>Type</i> T	Response Status C E. Diution. P 36	on		- 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA	SE-PX30 col SE-PX30 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col	umn, upstream, Optical return umn, downstream, Optical ret umn, upstream, Optical return umn, downstream, Optical ret umn, downstream, Available umn, upstream, Available pou umn, downstream, Available	turn loss of ODN n loss of ODN (m turn loss of ODN power budget: 30 wer budget: 34.0 power budget: 34 for penalties: 1 r penalties: 1	(min): 20 nin): 20 (min): 20 0.0
ACCE See c C/ 60 Hajduczer Comment Missir	EPT IN PRINCIPL comment #76 reso SC 60.4b.2 nia, Marek <i>Type</i> T	Response Status C E. blution. P 36 ZTE Corporation Comment Status A	on		- 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA	SE-PX30 col SE-PX30 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col	umn, upstream, Optical return umn, downstream, Optical return umn, upstream, Optical return umn, downstream, Optical ret umn, downstream, Available umn, upstream, Available umn, downstream, Allocation umn, upstream, Allocation for	turn loss of ODN n loss of ODN (m turn loss of ODN power budget: 30 wer budget: 34.0 power budget: 34 for penalties: 1 r penalties: 1	(min): 20 nin): 20 (min): 20 0.0
CI 60 Hajduczer Comment Missir Suggested Insert Insert	EPT IN PRINCIPL comment #76 resc SC 60.4b.2 nia, Marek Type T ng value for "Stres dRemedy values "-30.22 (0 values "-28.22 (1	Response Status C E. blution. P 36 ZTE Corporation Comment Status A	on (max)" paramet		- 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA - 1000BA	SE-PX30 col SE-PX30 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col	umn, upstream, Optical return umn, downstream, Optical return umn, upstream, Optical return umn, downstream, Optical return umn, downstream, Available umn, upstream, Available umn, downstream, Available umn, downstream, Allocation umn, upstream, Allocation umn, downstream, Allocation	turn loss of ODN n loss of ODN (m turn loss of ODN power budget: 30 wer budget: 34.0 power budget: 34 for penalties: 1 r penalties: 1	(min): 20 nin): 20 (min): 20 0.0
CI 60 Hajduczer Comment Missir Suggested Insert Insert	EPT IN PRINCIPL comment #76 resc SC 60.4b.2 nia, Marek Type T ng value for "Stree dRemedy values "-30.22 (0 values "-28.22 (1 d on link model s	Response Status C E. Jultion. P 36 ZTE Corporation Comment Status A ssed receive sensitivity OMA (0.95)" in 1000BASE-PX40-D c 1.55)" in 1000BASE-PX40-D c	on (max)" paramet		- 1000BA - 1000BA	SE-PX30 col SE-PX30 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col SE-PX40 col	umn, upstream, Optical return umn, downstream, Optical return umn, upstream, Optical return umn, downstream, Optical return umn, downstream, Available umn, upstream, Available umn, downstream, Available umn, downstream, Allocation umn, upstream, Allocation umn, downstream, Allocation	turn loss of ODN n loss of ODN (m turn loss of ODN power budget: 30 wer budget: 34.0 power budget: 34 for penalties: 1 r penalties: 1	(min): 20 nin): 20 (min): 20 0.0

C/ 60 SC 7.13.1	1 <i>P</i> 39	L 18	# 54	CI 60	SC 9.2	2	P 40	L 25	# 70
Remein, Duane	Huawei Tech	nologies		Remein, Dua	ane		Huawei Techn	ologies	
Comment Type E	Comment Status R			Comment Ty	/pe	г	Comment Status R		
Unchanged lines in	the section need not be include	ed.					/20 were not origionally speci		
SuggestedRemedy							I think they would indeed wor all PMDs.	k and thus the	paragraph at line 29
remove the followin "Tcdr is defined in 6 and	ng text: 65.3.2.1 value is less than 400 n	s (defined in 60.	2.2)."			,	lating Table 60-9 and 60-1		
"Tcode_group_aligr	n is defined in 36.3.2.4 value is l	ess than 4 ten-b	it code-groups."	Note als	o taht T	able 60	-1 conflicts with Table 60-9		
Response	Response Status C			SuggestedR	emedy				
Removal of existing	ter says true, but we have just tw g text should not impede readabi were removed to conserve space	ility of introduced		fiber opt and 100	ic cable 0BASE-	require PX40 a	line 25 adn reword the first se ments for 1000BASE-PX10, re satisfied by the fibers"	1000BASE-PX	20, 1000BASE-PX30
		ə.		G.657 S		ype for	all entries of Tablel 60-1 and	60-9 to B1.1, t	31.3 SMF 110-1 G.652
C/60 SC 7.2	P 38	L 23	# 53	Response			Response Status C		
emein, Duane	Huawei Tech	nologies		, REJECT	Г.				
Comment Type E There is no change SuggestedRemedy	Comment Status A to the two lead in paragraphs a	nd they should n	ot be inlcuded.		essary a		eans is probably true, but, at outside the scope of our TF to		
Remove first two pa	aragraphs.			C/ 60	SC 9.2	2	P 40	L 31	# 71
lesponse	Response Status C			Remein, Dua		-	Huawei Techn	• •	
000000	JPLE.			Comment Ty	/pe	г	Comment Status R	5	
ACCEPT IN PRINC	What used to be a single paragraph was now divided into two paragraph for clarity and				5-14? I t	•			
ACCEPT IN PRINC		simpler addition of text on PX30 and PX40 PMDs. Add an editorial note to separate the paragraph into two as shown in the draft.							
ACCEPT IN PRINC What used to be a simpler addition of t	text on PX30 and PX40 PMDs. A			SuggestedR Change		e 60-14			
ACCEPT IN PRINC What used to be a simpler addition of t	text on PX30 and PX40 PMDs. A			00		e 60-14	Response Status C		
ACCEPT IN PRINC What used to be a simpler addition of t	text on PX30 and PX40 PMDs. A			Change	to Table	e 60-14			

C/ 60 SC 9.2

C/ 75 SC 1	P 46	L 22	# 44	CI 75 SC 1.2	P 45	L 15	# 56
lajima, Akio	NEC Corpora	ition		Remein, Duane	Huawei Tech	nnologies	
Comment Type T Com	ment Status R			Comment Type E	Comment Status A		
1000BASE-PX40, 10GBASE-F with power budget extender (P PBEx candidates and it is diffic wavelength bandwidth such as	BEx) for loss budget ult to realize good pe	> 33 dB. Optical erformance optic	amplifier is one of al amplifier with wide	" at least 1:16, a least 20 km."	st"s are really needed? t least 1:32 and at least 1:64, an	d distances of at	least 10 km and at
1330 nm cannot be realized wi	th FP-LD.		0 0	SuggestedRemedy			
Therefore, the wavelength rang 1300 +/-10 nm.	ge of 1000BASE-PX4	10-U in Table 75-	1 shall be narrow as	Reword as follows " split ratios of a	:: t least 1:16, 1:32, and 1:64, and	distances of at le	east 10 km and 20 km
SuggestedRemedy				Response ACCEPT.	Response Status C		
Response Resp	onse Status C			C/ 75 SC 1.3	P 45	L 18	# 57
REJECT.				Remein, Duane	Huawei Tech	nnologies	
See resolution to comment #42				Comment Type E Exactly how does	Comment Status A one "modify as new bullet"?		
C/75 SC 1	P 46	L 22	# 43	SuggestedRemedy	·		
Tajima, Akio	NEC Corpora	llion		Change editorial n	ote to read:		
	ment Status R			"Add a new bullet	on extended power budget class	in 75.1.3, as sho	own below:"
1000BASE-PX40, 10GBASE-F with power budget extender (P PBEx candidates and it is diffic	BEx) for loss budget ult to realize good pe	> 33 dB. Optical erformance optic	amplifier is one of al amplifier with wide	Response ACCEPT.	Response Status C		
wavelength bandwidth such as 1330 nm cannot be realized wi				C/ 75 SC 4.1	P 49	L 18	# 72
Therefore, the wavelength rang				Remein, Duane	Huawei Tech		····
1300 +/-10 nm. SuggestedRemedy				Comment Type T Why is Launch O/ material that this f	Comment Status A AM marked "TBD"? There is no ir igure is TBD	ndication in the m	notion that adoped this
Response Resp	onse Status C			SuggestedRemedy			
REJECT.				Remove "(TBD)"			
See resolution to comment #42	2.			Response ACCEPT IN PRIN See comment #27			

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

C/ 75 SC 4.1 Page 14 of 19 18/07/2012 17:22:07

C/ 75 SC 4.2 P 50 L 9 # 58	C/ 75 SC 5.2 P 53 L 46 # 59
Remein, Duane Huawei Technologies	Remein, Duane Huawei Technologies
Comment Type E Comment Status A	Comment Type E Comment Status A
Why is Receiver sensitivity OMA (max) "TBD"? There is no indication in the motion that	Apparently more than modification to a table is being done.
adoped this material that this figure is TBD	SuggestedRemedy
This comment also applies to Table 75-11 cl 75.5.2 pg 55 line 26	Add editorial note to read:
SuggestedRemedy	"Delete Figure 75-6 and Table 75-10 as shown below"
Remove "(TBD)"	Move note reading "Modify Table 75–11 as shown below." to below Table 75-10
Response Response Status C	Response Response Status C
ACCEPT IN PRINCIPLE. See comment #28 resolution.	ACCEPT.
	C/ 75 SC 75.4.1 P49 L1 # 27
$Cl 75 SC 5 \qquad P 51 \qquad L 41 \qquad \# 64$	Hajduczenia, Marek ZTE Corporation
Remein, Duane Huawei Technologies	Comment Type T Comment Status A
Comment Type ER Comment Status A If a note is removed from the table the remaining notes should be renumbered	10GBASE–PR–D2 and 10GBASE–PR–D4 seem to share all the parameters including Launch OMA (min), which should be equal to "6.91 (4.91)", since it is calculated for ER =
SuggestedRemedy	dB. This means that 10GBASE–PR–D2 and 10GBASE–PR–D4 can be merged together
Renumber notes b-c to a-b.	SuggestedRemedy
Response Response Status C ACCEPT IN PRINCIPLE.	Change column "10GBASE–PR–D2, 10/1GBASE–PRX–D2" to "10GBASE–PR–D2, 10GBASE–PR–D4, 10/1GBASE–PRX–D2"
	Response Response Status C
Editing was incorrect. Move note a to "Stressed receive sensitivity (max)" column.	ACCEPT.
Modify the text in note a from: "The stressed receive sensitivity is mandatory"	Merge two rows together per comment.
to	
"The stressed receive sensitivity is mandatory for 10/1GBASE-PRX-D3 and 10/1GBASE- PRX-D4 PMDs"	

C/ 75 SC 75.4.1

C/ 75 SC 75.4.1 P 49 L 18 # 5	CI 75 SC 75.4.2 P 49 L 50 # 29	
Sugawa, Jun Hitachi, Ltd.	Hajduczenia, Marek ZTE Corporation	
Comment Type T Comment Status A	Comment Type T Comment Status A	
About Table 75-5	The value of "Stressed receive sensitivity (max)" is missing for 10GBASE-PR-D4	
The values of average launch power(min) and Extiction ratio in 10GBASE-PR-D4 are same as the values in 10GBASE-PR-D2.	SuggestedRemedy	
But the value of Launch OMA(min) in 10GBASE-PR-D4 is different from the value in	Change "TBD" to "-27" (based on link model spreadsheet calculations)	
10GBASE-PR-D2. The value of Launch OMA(min) is not consistent with the value of average launch	Response Response Status C	
power(min) and Extinction ratio.	ACCEPT.	
uggestedRemedy	Comment is for page 50, line 18.	
Chnage the value of Launch OMA(min) of 10GBASE-PR-D4	C/ 75 SC 75.4.2 P 50 L 18 # 30	
FROM "5.78(TBD)" TO "6.91(4.91)"	C/ 75 SC 75.4.2 P 50 L 18 # 30 Hajduczenia. Marek ZTE Corporation	
ACCEPT IN PRINCIPLE.		
See comment #27 resolution.	Comment Type T Comment Status A The value of "Stressed receive sensitivity OMA (max)" is missing for 10GBASE–PR	R-D4
2/75 SC 75.4.2 P 49 L 50 # 35	SuggestedRemedy	
	SuggestedRemedy Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations)	
ajduczenia, Marek ZTE Corporation	Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations)	
ajduczenia, Marek ZTE Corporation <i>comment Type</i> T <i>Comment Status</i> A The value of "Average receive power (max)" for 10GBASE–PR–D4 is incorrect. It is -9		
ajduczenia, Marek ZTE Corporation <i>omment Type</i> T <i>Comment Status</i> A The value of "Average receive power (max)" for 10GBASE–PR–D4 is incorrect. It is -9 dBm, but based on the link model calculations, it should be -8	Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations) <i>Response</i> ACCEPT. 	
ajduczenia, Marek ZTE Corporation <i>omment Type</i> T <i>Comment Status</i> A The value of "Average receive power (max)" for 10GBASE–PR–D4 is incorrect. It is -9 dBm, but based on the link model calculations, it should be -8 <i>uggestedRemedy</i>	Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations) Response Response Status CL 75 SC 75.4.2 P 50 L 8 6	
ajduczenia, Marek ZTE Corporation comment Type T Comment Status A The value of "Average receive power (max)" for 10GBASE–PR–D4 is incorrect. It is -9	Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations) Response Response Status CL ACCEPT. CI 75 SC 75.4.2 P 50 L 8 # 6 Sugawa, Jun Hitachi, Ltd.	
ajduczenia, Marek ZTE Corporation <i>comment Type</i> T <i>Comment Status</i> A The value of "Average receive power (max)" for 10GBASE–PR–D4 is incorrect. It is -9 dBm, but based on the link model calculations, it should be -8 <i>uggestedRemedy</i> Change -9 to -8 for the selected parameter <i>Pesponse Response Status</i> C	Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations) Response Response Status ACCEPT. Cl 75 SC 75.4.2 P 50 L 8 # 6 Sugawa, Jun Hitachi, Ltd. Comment Type T Comment Status A	
ajduczenia, Marek ZTE Corporation <i>omment Type</i> T <i>Comment Status</i> A The value of "Average receive power (max)" for 10GBASE–PR–D4 is incorrect. It is -9 dBm, but based on the link model calculations, it should be -8 <i>uggestedRemedy</i> Change -9 to -8 for the selected parameter	Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations) Response Response Status CL ACCEPT. CI 75 SC 75.4.2 P 50 L 8 # 6 Sugawa, Jun Hitachi, Ltd.	
ajduczenia, Marek ZTE Corporation <i>ajduczenia</i> , <i>ajduczenia</i>	Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations) Response Response Status ACCEPT. Cl 75 SC 75.4.2 P 50 L 8 # 6 Sugawa, Jun Hitachi, Ltd. Comment Type T Comment Status A	scribe
ajduczenia, Marek ZTE Corporation <i>comment Type</i> T <i>Comment Status</i> A The value of "Average receive power (max)" for 10GBASE–PR–D4 is incorrect. It is -9 dBm, but based on the link model calculations, it should be -8 <i>uggestedRemedy</i> Change -9 to -8 for the selected parameter <i>besponse Response Status</i> C ACCEPT IN PRINCIPLE. Change the transmitter output power for PR40-U device from 10 to 9 dBm (in Table 75-8).	Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations) Response Response Status C ACCEPT. C/ 75 SC 75.4.2 P 50 L 8 # 6 Sugawa, Jun Hitachi, Ltd. Comment Type T Comment Status A About Table 75-6 The value of Receiver sensitivity OMA(max) of 10GBASE-PR-D4 in dBm unit is des	scribe
ajduczenia, Marek ZTE Corporation comment Type T Comment Status The value of "Average receive power (max)" for 10GBASE–PR–D4 is incorrect. It is -9 dBm, but based on the link model calculations, it should be -8 uggestedRemedy Change -9 to -8 for the selected parameter response Response Status C ACCEPT IN PRINCIPLE. Change the transmitter output power for PR40-U device from 10 to 9 dBm (in Table 75-8). This changes the Tx launch range to 3 dB (from +6 to +9). The cost and design impact on	Change "TBD" to "-26.22 (2.39)" (based on link model spreadsheet calculations) Response Response Status C ACCEPT. Cl 75 SC 75.4.2 P 50 L 8 # 6 Sugawa, Jun Hitachi, Ltd. Comment Type T Comment Status A About Table 75-6 The value of Receiver sensitivity OMA(max) of 10GBASE-PR-D4 in dBm unit is des but the value in micro Watt unit is not described.	scribe

ACCEPT IN PRINCIPLE. See comment #28 resolution.

C/ 75 SC 75.4.2

C/ 75 SC 75.4.2 P 50 L 8 # 28 Hajduczenia, Marek ZTE Corporation ZTE	C/ 75 SC 75.5.1 P 52 L 18 # 31 Hajduczenia, Marek ZTE Corporation
Comment Type T Comment Status A Need to provide value for "Receiver sensitivity OMA (max)" parameter, expressed in uW	Comment Type T Comment Status A The value of Launch OMA (min) for 10GBASE–PR–U4 PMD is calculated incorrectly.
SuggestedRemedy Change "TBD" to "1.26" (based on link model spreadsheet calculations) Modify also the value in dBM from 28.2 to 28.22, consistent with the resolution used in 802.3av	SuggestedRemedy Change "4.78 (3.01)" to 6.78 (4.77)" (based on link model spreadsheet calculations) Response Response Status C ACCEPT.
Response Response Status C ACCEPT IN PRINCIPLE. Change "TBD" to "1.26" (based on link model spreadsheet calculations)	C/ 75 SC 75.5.2 P 55 L 21 # 7 Sugawa, Jun Hitachi, Ltd. <
Modify also the value in dBM from -28.2 to -28.22, consistent with the resolution used in 802.3av	Comment Type T Comment Status A About Table 75-11
C/ 75 SC 75.1 P 52 L 13 # 10 Sugawa, Jun Hitachi, Ltd. Comment Type TR Comment Status R About Table75-8	The value of the damage threshold is 1dB higher than the value of the average receive power(max) in 10GBASE-PR-U1, 10GBASE-PR-U3, etc. But the value of the damage threshold(max) in 10GBASE-PR-U4 and 10/1GBASE-PRX is 4dB higher than the value of average receiver power(max).
The value of Average launch power(min) of 10GBASE-PR-U4 is 2dB higher than that of 10GBASE-PR-U3. I think the transmitter which average launch power(min) of more than 6dBm is technical feasible. But I think that the economical feasibility is not shown in extended EPON Study Group and Task Force.	I think the damage threshold of -5dBm is feasible for APD receiver, but I'm afraid that th damage threshold is specified as unnecesarrily high value. SuggestedRemedy change the value of the damage threshold(max) in 10GBASE-PR-U4 and 10/1GBASE- PRX-U4 from "-5" to "-8". Response Response Status C
The value of Average launch power(min) of 10GBASE-PR-U4 is 2dB higher than that of 10GBASE-PR-U3. I think the transmitter which average launch power(min) of more than 6dBm is technical feasible. But I think that the economical feasibility is not shown in	damage threshold is specified as unnecesarrily high value. <i>SuggestedRemedy</i> change the value of the damage threshold(max) in 10GBASE-PR-U4 and 10/1GBASE- PRX-U4 from "-5" to "-8".

Cl	75
SC	75.5.2

75 SC 75.5.2 P 55 L 26 # 8	C/ 75B SC 75B.2.1 P 65 L 20 # 82
gawa, Jun Hitachi, Ltd.	Anslow, Pete Ciena
omment Type T Comment Status A	Comment Type E Comment Status A
About Table 75-10	This says "Modify the content in Table75B-1 by inserting row for PR40 as follows:" but it is a column that has been inserted.
The value of the Receiver sensitivity OMA (max) of 10GBASE-PR-U4, 10/1GBASE-PR-U4 in dBm unit is described, but the value in micro Watt unit is not described.	x- Same issue for Table 75B-2
lggestedRemedy	SuggestedRemedy
change the value of the Receiver sensitivity OMA(max) in 10GBASE-PR-U4 and 10/1GBASE-PRX-U4 from "-28.7 (TBD)" to "-28.7(1.35)".	Change to: "Change Table 75B-1 by inserting a column for PR40 as follows:"
sponse Response Status C	Same for Table 75B-2
ACCEPT IN PRINCIPLE. See comment #32 resolution.	Response Response Status C ACCEPT.
75 SC 75.5.2 P 55 L 33 # 33 jduczenia, Marek ZTE Corporation 33	C/ 75B SC 75B.2.1 P 65 L 37 # 36 Hajduczenia, Marek ZTE Corporation X <
omment Type T Comment Status A	Comment Type T Comment Status A
The value of "Stressed receive sensitivity (max)" parameter to correspond to values calculated based on the link model	Table 75B-1 has a number of missing parameters, marked as TBD.
ggestedRemedy	SuggestedRemedy
Change the value "TBD" to "-28" (based on link model spreadsheet calculations)	Fill in Table 75B-1 with the following values: - Available power budget, column PR40, US: 35.00
sponse Response Status C	- Available power budget, column PR40, DS: 34.50
ACCEPT.	 Allocation for penalties, column PR40, US: 2 Allocation for penalties, column PR40, DS: 1.5
75 SC 75.5.2 P 55 L 35 # 34	Response Response Status C
jduczenia, Marek ZTE Corporation	ACCEPT.
omment Type T Comment Status A	Allocations for penalty and TDP were both 3 dB in PR-30 upstream, but those values for
The value of "Stressed receive sensitivity OMA (max)" parameter to correspond to valu calculated based on the link model	es PR-40 upstream are now both 2 dB, and should be further investigated. Same observation to TDP of 10GBASE-PR-U4 (2 dB) inTable 75-8.
lggestedRemedy	
Change the value "TBD" to "-26.09 (2.46)" (based on link model spreadsheet calculation	ns)
esponse Response Status C	
ACCEPT.	

C/ **75B** SC **75B.2.1**

C/ 75B SC 75B. Hajduczenia, Marek		66 L 28 Corporation		# 37	C/ 75B Sugawa, Jun	SC 75B.2.2	Р 67 Hitachi, Ltd.	L 9	# 9
Comment Type T	Comment Status				Comment Typ		Comment Status A		
SuggestedRemedy Fill in Table 75B-1 - Available power t - Available power t - Allocation for per	number of missing para with the following values udget, column PRX40, udget, column PRX40, alties, column PRX40, L	s: US: 34.00 DS: 34.50 JS: 1	TBD.		be used to bands 126 And WDM compliant	o separate the 0-1360, 129 channel mu ONUs and 1	o wavelength bands overlap, t e two data rates." seems to b 0-1330, 1260-1280 appear in ltiplexing is possible if 1000B 0GBASE-PR-U4 compliant C	e ambiguous si previous sente ASE-PX40-U, 1	nce three wavelength nce.
Response ACCEPT IN PRIN	alties, column PRX40, [<i>Response Status</i> CIPLE Fable 75B-2, not to Table	C			"The 1260 WDM cha PX10-U, 1	e sentence a -1360 wavel nnel multiple 000BASE-P2	engh bands and the 1260-128 xing cannot be used to separ X20-U, 1000BASE-PX30-U c	ate the two data	a rates for 1000BASE-
C/ 75B SC 75B. Anslow, Pete	Cien	a		# 83	Response	IN PRINCIPL	2, 10GBASE-PRX-U3 complia Response Status C .E.	ant ONUS.	
Comment Type E This says "Modify" SuggestedRemedy Change "Table75E	Comment Status he description in Table7 .2.2" to "75B.2.2"		.2.2 isn't a tat	le	channel m U, 1000BA	ultiplexing ca ASE-PX20-U	engh band and the 1260-1280 annot be used to separate the , 1000BASE-PX30-U complia)GBASE-PRX-U3 compliant C	e two data rates nt ONUs and 1	for 1000BASE-PX10-
Response ACCEPT.	Response Status	C			CI 99 Sugawa, Jun	SC	Р 1 Hitachi, Ltd.	L 32	# [1
					Comment Typ		Comment Status A (X)40" is obscure.		
					"It provide on point-to of PX30, F TO "It provide	e following so s physical lay p-multipoint p 2X40 and PR s physical lay	entence FROM yer specifications and manag bassive optical networks supp (X)40." yer specifications and manag bassive optical networks supp	orting extended ement paramet	l power budget classes ers for EPON operation
					of PX30, F	PX40, PRX40) and PR40."	U	

ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SORT ORDER: Clause, Subclause, page, line CI **99** SC