C/ 00 SC Lindsay, Tom	<i>P</i> ClariPhy Con	L	# 108	C/ 00 SC Gen Swanson, Steven	neral P14 Corning Inco	L 28	# 51
		nmunicali			0	orporated	
Comment Type T	Comment Status X			Comment Type E			
2	on D0.1 have been resolved or	overtaken by eve	ents.		istency in how material is include in others a reference is made to t		
Suggested Remedy	luced Lindoou commonte from th	o D0 1 hollot pro		Suggested Remedy			
withdraw all unreso	olved Lindsay comments from th	e Du. i ballot pro	cess.	,	nt methodology and implement. In	n this particular c	ase. I would rather
Response	Response Status O				for the cabling model here rather		
	P1	L1	# 69	Response	Response Status O		
Dawe, Piers	Agilent						
Comment Type E	Comment Status X			C/ 30 SC 5.1.	1.2 <i>P</i>	L	# 76
	's in the page headers. I believe	e the quidance is	use TM for the	Dawe, Piers	Agilent		
trademarked thing th	he first time it is mentioned, the would be trademarked anyway -	n don't repeat it.	I don't know if a	Comment Type T	Comment Status X		
p. 6 je 6 t p. 6 g. 6 6 6 1	would be trademarked arryway -	you could enqui	re.	aMAUTvpe list ne	eds another entry		
Suggested Remedy		you could enqui	re.	51	eeds another entry		
		you could enqui	re.	Suggested Remedy	,		
Suggested Remedy		you could eriqui	re.	Suggested Remedy Add entry for 10G	BASE-LRM after 10GBASE-LR.		
Suggested Remedy Remove the unnece	essary 'TM's	you could enqui	re.	Suggested Remedy	,		
Suggested Remedy Remove the unnece Response	essary 'TM's Response Status O	L Sou could enqui	# <mark>89</mark>	Suggested Remedy Add entry for 10G Response	BASE-LRM after 10GBASE-LR. <i>Response Status</i> 0		
Suggested Remedy Remove the unnece Response Cl 00 SC 52.15.	essary 'TM's Response Status O	L L		Suggested Remedy Add entry for 10G Response Cl 30B SC 2	BASE-LRM after 10GBASE-LR. Response Status 0	L	# <u>77</u>
Suggested Remedy Remove the unnece Response Cl 00 SC 52.15. Dawe, Piers	essary 'TM's Response Status O .2.3 P	L L		Suggested Remedy Add entry for 10G Response Cl 30B SC 2 Dawe, Piers	BASE-LRM after 10GBASE-LR. <i>Response Status</i> O <i>P</i> Agilent	L	# [<u>77</u>
Suggested Remedy Remove the unnece Response Cl 00 SC 52.15. Dawe, Piers Comment Type E	essary 'TM's <i>Response Status</i> O .2.3 <i>P</i> Agilent <i>Comment Status</i> X y thorough, the PICS major capa	L	# <mark>89</mark>	Suggested Remedy Add entry for 10G Response Cl 30B SC 2	BASE-LRM after 10GBASE-LR. Response Status O P Agilent Comment Status X	L	# <u>77</u>
Suggested Remedy Remove the unnece Response Cl 00 SC 52.15. Dawe, Piers Comment Type E If we are to be really description changed	essary 'TM's <i>Response Status</i> O .2.3 <i>P</i> Agilent <i>Comment Status</i> X y thorough, the PICS major capa	L	# <mark>89</mark>	Suggested Remedy Add entry for 10G Response Cl 30B SC 2 Dawe, Piers Comment Type T	BASE-LRM after 10GBASE-LR. Response Status O P Agilent Comment Status X	L	# <u>77</u>
Suggested Remedy Remove the unnece Response Cl 00 SC 52.15. Dawe, Piers Comment Type E If we are to be really description changed Suggested Remedy	essary 'TM's <i>Response Status</i> O .2.3 <i>P</i> Agilent <i>Comment Status</i> X y thorough, the PICS major capa	<i>L</i> ability for 10GBA	# 89	Suggested Remedy Add entry for 10G Response Cl 30B SC 2 Dawe, Piers Comment Type T TypeValue list new Suggested Remedy	BASE-LRM after 10GBASE-LR. Response Status O P Agilent Comment Status X	L	# [<u>77</u>
Suggested Remedy Remove the unnece Response Cl 00 SC 52.15. Dawe, Piers Comment Type E If we are to be really description changed Suggested Remedy Change 'Device sup	essary 'TM's <i>Response Status</i> O .2.3 <i>P</i> Agilent <i>Comment Status</i> X y thorough, the PICS major capa d.	L ability for 10GBA ration LAN PHY'	# 89	Suggested Remedy Add entry for 10G Response Cl 30B SC 2 Dawe, Piers Comment Type T TypeValue list new Suggested Remedy	BASE-LRM after 10GBASE-LR. <i>Response Status</i> O <i>P</i> Agilent <i>Comment Status</i> X eds another entry	L	# <u>77</u>

C/ 30B SC 2

Cl 44 SC 1.4.	.4 P Agilent	L	# 67	C/ 68 SC 1 Dawe, Piers	P 2 Agilent	L 28	# 84
Comment Type T Need to extend ta of physical layer 10GBASE-ER.	C C			Comment Type E Fuzzy pictures, filesi Suggested Remedy	Comment Status X	settings.	
	w and column to table 44-1. Char 10GBASE-LR, and 10GBASE-ER		10GBASE-SR,	Response	Response Status O		
Response	Response Status 0			C/ 68 SC 10.1 Dawe, Piers	P 16 Agilent	L11	# 8 <u>8</u>
C/ 45 SC 2.1. Dawe, Piers	.10 P Agilent	L	# 92	Comment Type E	Comment Status X		
extending to adve Suggested Remedy	PMA/PMD Extended Ability regis ertise 10GBASE-LRM PMA/PMD	ability.		Suggested Remedy can be found Response	Response Status O		
Response	er set in table: 1.11.15:2 Reserv Response Status O	'ea 1.11.1 10	GBASE-LRM ability	Cl 68 SC 10.3.6 Dawe, Piers	P 17 Agilent	L 27	# 90
C/ 45 SC 2.1 . Dawe, Piers	.6.1 P Agilent	L	# 91		Comment Status X agree with 68.7. And you can he normative text in 68.7.	combine 68.10.3.	.6 and 68.10.3.7 as
to control a 10GE types, one could	Comment Status X PMA/PMD control 2 register bit de BASE-LRM PMA/PMD type. As th define bits 1.7.2:0 the same for LF	ne 3 bits have bee	en used up with 8 PMD	Suggested Remedy Combine 68.10.3.6 a Response	nd 68.10.3.7. Contents one ta Response Status O	able with just three	e items, I think.
Suggested Remedy Extend register s through 0.'	et in table per comment. Change	first sentence of	text to 'using bits 3	C/ 68 SC 4.1 Swanson, Steven	P3 Corning Inco	L18	# 49
_	Response Status O			Comment Type E Editorial	Comment Status X		
Response							
Response				Suggested Remedy Modify first sentence Figure 68-2.""	to read ""is standardized at	test points TP2 a	and TP3 as shown in

C/ 68 SC 4.3 Dawe, Piers	Р 3 Agilent	L 54	# 68	C/ 68 SC 4.4 Weiner, Nick	P 4 Phyworks	L 22	# 110
•	Comment Status X resumably copied from 68.4.2.	Compare 52.4.3.			Comment Status X servation, last time, that FA be 10dB smaller than OK O		e so small, I suggest
Suggested Remedy In 68.4.3, delete 'to t 68.4.2, don't delete t	the MDI according to the optical the same words.)	specifications in	this clause.' (In	5	nditions entry, for FAIL to "" in Table 68-4 - 10dB""	Input optical power	in OMA < Receiver
Response	Response Status O			Response	Response Status O		
C/ 68 SC 4.3 Swanson, Steven	P3 Corning Incor	L 54 porated	# 50	C/ 68 SC 4.4	P 4	L 32	# 54
Comment Type E Editorial; redundant	Comment Status X text.			Swanson, Steven <i>Comment Type</i> E Editorial	Corning I Comment Status X	ncorporated	
	DI according to the optical speci	fications in this c	lause.""	Suggested Remedy Replace ""must"	" with ""shall""		
Response	Response Status O			Response	Response Status O		
C/ 68 SC 4.4 Dawe, Piers	P 4 Agilent	L 10	# 72	C/ 68 SC 4.4 Swanson, Steven	P 4 Corning I	L 37 ncorporated	# 55
Comment Type E Missing full stop Suggested Remedy	Comment Status X			Comment Type E Editorial	Comment Status X		
45.2.1.9.5. Response	Response Status O				read: ""amplitude of the m tt respond to the average op		
C/ 68 SC 4.4 Swanson, Steven	P 4 Corning Incor	L 13 porated	# 52	Response	Response Status 0		
Comment Type E Incorrect reference.	Comment Status X			C/ 68 SC 4.4 Dawe, Piers	P 4 Agilent	L 6	# 73
Suggested Remedy Replace ""10GBAS	SE-R"" with ""10GBASE-LRI	И""		<i>Comment Type</i> E Gratuitous capitals.	Comment Status X We should follow the style	guide, not just prece	edent.
Response	Response Status 0			Suggested Remedy 'Signal Detect' shou	ld be 'signal detect' (more th	nan once).	
				Response	Response Status O		

 TYPE: TR/technical required T/technical E/editorial COMMENT STATUS: D/dispatched A/accepted R/rejected SORT ORDER: Clause, Page, Line, Subclause
 Page 3 of 12

 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 C/ 68 SC 4.4

C/ 68 SC 4.4	P4	L 7	# 70	C/ 68 SC 5.1	P 6	L11	# 74
Dawe, Piers	Agilent			Dawe, Piers	Agilent		
Comment Type E	Comment Status X			Comment Type T	Comment Status X		
	cate is a function with SIGNAL n them: example log(x).	_DETECT its sul	pject, then would there		width of 5 nm is much wider than e rise to a MPN penalty of ~0.2 to nis at no cost.		
	MD SIGNAL.indicate (SIGNAL	DETECT)'		Suggested Remedy			
·	_			Change to 4 nm.	Could go to e.g. 3.2 nm for neglig	ible cost.	
Response	Response Status O			Response	Response Status O		
C/ 68 SC 4.4	P 4	L 8	# 71				
Dawe, Piers	Agilent			C/ 68 SC 5.1	P6	L 15	# 75
Comment Type T	Comment Status X			Dawe, Piers	Agilent		
Overdose of shalls.	Compare 52.4.4.			Comment Type T	Comment Status X		
Suggested Remedy Change to 'PMD_SIGNAL.indicate is intended to be an indicator'. Response Response Status O				is transmit power tolerancing, which for typical to low extinction ratios is determined by the maximum MEAN power and the minimum OMA. A range of at least 5 dB is required for a cost effectiveness. However, the way of measuring signal strength can be improved. This relates to the study of TP2 waveform quality parameter.			
				Suggested Remedy			
C/ 68 SC 5 Jaeger, John	Р 5 Big Bear Net	L 42 works	# 93		lower limit of metric of useful sign -4.5 dBm. Remove editor's note.		ke the OMA minimum
Comment Type T	Comment Status X			Response	Response Status O		
adequately satisfy th presented within the	specified for the installed base e market requirements. Based Task Force and the recentado n improve the industry accepta	upon previous te ption of the FDD	echnical material -grade Monte Carlo &	C/ 68 SC 5.1 Dawe, Piers	P 6 Agilent	L 35	# 78
				Comment Type T	Comment Status X		
Suggested Remedy	operating range to: '0 E to 200'				posed requirements for a good op about the fibres. Almost any restr		
Response Response Status O		overfilled launch s	till seems a bad choice; an extrer grade the definition. And specific	nely well defined	launch is pointless as		
				Suggested Remedy			
				Consider a definiti	on of partial filling. Is numerical a	aperture any good	d for this?

Consider a definition of partial filling. Is numerical aperture any good for this?

Response

Response Status O

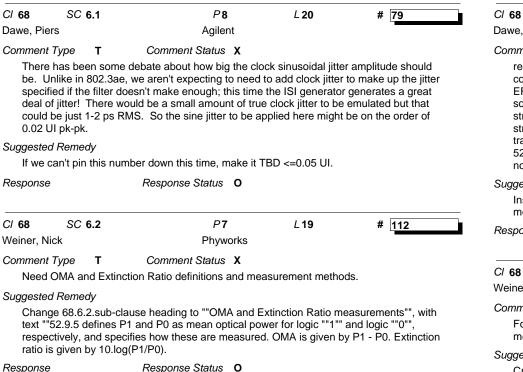
CI 68 SC 5.1	1 P8	L15	# 97	C/ 68 SC 5.1	P 8	L 24	# 100
Lindsay, Tom	ClariPhy Co	mmunicati		Lindsay, Tom	ClariPhy	Communicati	
Stressed eye Ol	T Comment Status X MA should reflect min Tx OMA, pa es are built into the test signal.	ssive losses, and	Consequent penalty.		Comment Status X I and MN values are subject to that should be adopted into the		
Suggested Remedy					sure noise spectral density. Fla s test, so a simple overall rms r		
Change to -6.6 of	dBm.			Suggested Remedy			
Response	Response Status O			Use rms noise va transmitting a squ	alue (based on 0.9 dB) = OMA/2 uare wave with the ISI turned o 52. With the Bessel Thomson	ff. Measure the OM	A with the method
C/ 68 SC 5.1		L18	# 98	noise with a narro	ow (0.01 UI wide) histogram on	the logic one level,	and adjust the noise
Lindsay, Tom	ClariPhy Co	mmunicati			sired rms value is obtained. At I llowed to compensate for noise		
Comment Type	T Comment Status X			etc.).			it system (6/2, 500pc,
frequency. Com	not defined. 802.3ae used a max f mon CDRs may use 4 MHz, but I e limits of some test equipment, so a	expect others may	y be up to 8 MHz. 80	Response	Response Status 0		
Suggested Remedy Use 60 MHz.				C/ 68 SC 5.1 Lindsay, Tom		L 32 Communicati	# 109
Response	Response Status O			Comment Type T Information for sp	Comment Status X	lsay_02_0904 are rr	nissing.
C/ 68 SC 5.1	1 P8	L 20	# 99	Suggested Remedy			
Lindsay, Tom	ClariPhy Co	mmunicati		See separate do	cument [lindsay_1_1104]: TP2	specs and method f	or D0.2 comments.doc.
Comment Type	T Comment Status X			Response	Response Status 0		
SJ amplitude is	not specified. I believe its purpose	is to emulate und	correlated clock jitter,				
	ting at some 10G electrical specs (can be a typical limit. Assuming a			C/ 68 SC 5.2	P 8	L 23	# 114
	J), then the rms value is 0.033 UI r			Weiner, Nick	Phyworks	-	
such that SJ wit	h an equivalent amount of rms jitte	r would be appro	x 0.1 pk-pk.	Comment Type T	Comment Status X		
Suggested Remedy					eceived test in Table 68-4. Nois	e density: OMA rati	o specified as
	k. Other clock jitter in the test syste and should not be compensated (re			parameter. Value indicate that -22c	e TBD. Expressions and curves Be noise power: OMA power is	presented by Lew, s appropriate. Assur	Tom and myself ming appropriate
Response	Response Status O			measurement ba 121dB/Hz.	ndwidth to be 7.5GHz, the Nois	e density: OMA rati	o value should be -
				Suggested Remedy			
				o/e converter, 7.5	IA ratio value to be -121dB/Hz. 5GHz BT filter and expression N	Noise power: OMA r	ratio = 20.log(noise

o specify calibration using MA ratio = 20.log(noise power/modulation power.filter bandwidth). Also that this ratio applies when the ISI generator is set to the identity transfer function.

Response Response Status 0

<i>Cl</i> 68 SC 5.3 Weiner, Nick	Р 9 Phyworks	L 10	# 115	<i>Cl</i> 68 Dawe, Pie	SC 5.3 rs	P 9 Agilent	L 2 1	# 81
Comment Type E Table 68-5 include Suggested Remedy	Comment Status X es editor's notes in the first two row	s, proposing ne	w wording.	offsets	has shown that it is significan	Comment Status X modal noise is a strong function the smaller than 0.5 dB. Two we the transmitter RIN spec.		
Accept the sugges	stions made in the editors notes in	the first two row	s of Table 68-5.	Suggester				
Response	Response Status O			Reduc adjust	ce allocation for total and 'Simp	modal noise penalty to whatevole stressed receiver sensitivity the sum around 0.9 dB.		
C/ 68 SC 5.3 Lindsay, Tom	P 9 ClariPhy Com	L 11 municati	# 1 <u>01</u>	Response		Response Status O		
Comment Type E I agree with editor	Comment Status X			<i>Cl 68</i> Lindsay, T	SC 6	P 9 ClariPhy Corr	L	# 96
Suggested Remedy Accept editor's rec of the same table.	commendation. This remedy is also	recommended	for his note in line 13	Comment	Туре Т	Comment Status X surement method for OMA is re		
Response	Response Status O				ne low frequenc	y square wave definition and n e wave pattern will be defined a		
C/ 68 SC 5.3 Dawe, Piers	P 9 Agilent	L 17	# 80	This te	est method is n	ot unique to Tx or Rx and shou test headings.		
Comment Type T Per D0.1#19, a dy	Comment Status X	ould be very exp	pensive and inaccurate	Response		Response Status O		
of those 'below the	d should not be a separate item an e surface' penalties that are wholly quantify. So it wouldn't appear in th	within the recei	ver and that the	C/ 68 Weiner, N	SC 6.1 ick	P 7 Phyworks	L15	# 111
Suggested Remedy In table 68-5, dele	te the row 'Receiver dynamic adap	tation budget'.	Recalculate the total.	<i>Comment</i> Test p	51	Comment Status X and TP3 compliance tests to b	be specified.	
Response	Response Status O				to include enrie	es for: RMS Spectral width, ON ed eye or waveform (as selecte		n Ratio, Average launch

Response Response Status **O**



C/ 68	SC 6.2	P 7	L19	#	86
Dawe, Piers		Agilent			

Comment Type T Comment Status X

re need for OMA measurement method: I think we can agree that it would be less confusing to keep the same definition of OMA across all 10G optical Ethernet, although EFM deliberately has a different definition. This does not mean that what 10G calls OMA is something we want to measure at all! At present, I believe it is likely be used as part of a stressed receiver calibration. If we are really concerned, it might be useful for measuring a strong transmitter (to avoid overload situations), although there's still the problem that a transmitter in mission mode emits a different pattern to that required by the method of 52.9.5. I don't believe this OMA is helpful for specifying a lower power transmitter and it is not appropriate for an optical signal in service (wrong pattern).

Suggested Remedy

Insert at the beginning of the subclause: 'For the purposes of this clause, optical modulation amplitude (OMA) is defined as in 52.9.5.

Response		Response Status O				
C/ 68	SC 6.2	P7	L 21	# 113		
Weiner, Nick		Phyworks				
Comment	Туре Е	Comment Status X				
	arity, separate	"reletionship between OMA and	d ER"" from OM	A and ER		
Suggested		no ""Polotionabin botwaan OMA				

Create new sub-clause ""Relationship between OMA and Extinction Ratio"" to follow ""OMA and Extinction measurements"" sub-clause. Sub-cluase to conatin current 68.6.2. content (other than the editor's note).

Response Response Status O

05

SC 6.2

C/ 68	SC 6.2	P 7	L 47	# 85
Dawe. Pier	S	Agilent		

Comment Type T Comment Status X

Figure 68-3 should be referred to where it first applies. It illustrates the transmitter specification as well as the relationship between OMA, average power and extinction ratio. There's also the little inconsistency (not a bug, problem or inaccuracy) that by using different patterns for defining OMA and extinction ratio (and assuming that average power is pattern independent), the diagram is not quite true. This point is made in 58.7.6, which we refer to.

Suggested Remedy

Move the figure, and copy and modify (*** shows the modifications) its calling sentence 'Figure 68–3 illustrates the region of transmitter compliance and also the ***approximate*** relationship between OMA, average power and extinction ratio.' into 68.5.1 Transmitter optical specifications. In this subclause, refer to the figure again 'Figure 68–3 illustrates the ***approximate*** relationship between OMA, average power and extinction ratio.'

Response	e	Response Status O	Response Status O		
C/ 68	SC 6.3	P 9	L 29	# 82	
Dawe, Pie	ers	Agilent			

Comment Type T Comment Status X

For extinction ratio specification and measurement procedure, I strongly believe that, whatever we decide for signal strength measurement, we should use the 'realistic pattern' approach taken in existing 10G optical Ethernet, Ethernet in the First Mile, and all SONET. This method can be implemented with a transmitter in mission mode, is familiar, and gives a measure that is more relevant of the usable signal than the alternative 'square wave' method. I would say 'just refer to 52.9.4' but various improvements and clarifications were spotted during EFM's development, hence the text proposed in comment D0.1#45. The sentence about test receiver frequency response might be modified by choice of TP2 waveform specification. But I propose we include it for now and review in a future meeting.

Suggested Remedy

Implement comment D0.1#45.

Response

Response Status O

CI 68	SC 6.3	P 9	L 29	#	106
Lindsay, T	Гот	ClariPhy Comm	nunicati		

Comment Status X

Comment Type T

We need a definition and measurement method for extinction ratio (ER). ER is not a critical parameter for LRM, so I am not going to drive one method over another.

Suggested Remedy

Option1 - use the low frequency square wave definition used for OMA per 802.3ae, clause 52, to determine P0 and P1. Otherwise, follow the method given in clause 52. For TP3 calibration, the square wave pattern will be defined as 10 ones and 10 zeros, repetitive. Option2 - use the method given in clause 58.

Response Response Status O

Cl 68	SC 6.4.1		P 9	L 38	# 83
Dawe, Pi	ers		Agilent		
_	_	_	_		

Comment Type T Comment Status X

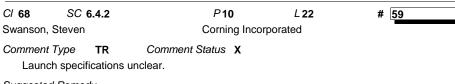
Even if we can't decide yet if we do/do not like eye specifications, let us build out what we are considering.

Suggested Remedy

Delete 'Test procedure TBD. 52.9.7 and 58.7.8 have been suggested as references' and insert text per D0.1#22-24.

Response Respon

```
Response Status 0
```



Suggested Remedy

Define launch conditions that the standard will support. The presence of encircled flux spefications suggests that center launch is not included.

Response F

Response Status 0

C/ 68 SC 6.5	P 11 ClariPhy Com	<i>L</i> municati	# 107	C/ 68 S Lindsay, Tom	SC 6.5.2	P 12 ClariPhy Comr	L 35 municati	# 104
Comment Type T Need a low frequency	Comment Status X			Comment Typ		Comment Status X d to do with this clause?		
but remove Gaussian	Iz sine jitter test condition.Use noise and ISI generator. Keep another comment) to specify re	all else as is. L	se words for subclause	Suggested Re Abandon t Response	,	se unless it is deemed essentia Response Status O	al.	
Response	Response Status O			. <u></u>				
C/ 68 SC 6.5	P11	L 43	# 102	C/ 68 S King, Jonathar	SC 6.5.2 า	Р 12 Big Bear Netw	L 38 orks	# 95
indsay, Tom	ClariPhy Com		" 102	Comment Typ	e T	Comment Status X		
omment Type E	Comment Status X			Descriptio	n of dynam	c test should specify the rate of	of variation of th	he impulse response
Suggested Remedy Change from frequent this in the document (applied at a rate and magnitude as specified in Table 68-4, and with reference to the impulse response of Figure 68-7. <i>Response Response Status</i> O							
Response	Response Status O							
C/ 68 SC 6.5.1	P12	L 31	# 103	C/ 68 S Weiner, Nick	SC 6.5.2	Р 8 Phyworks	L 15	# 116
indsay, Tom	ClariPhy Com		# 103	Comment Typ	e T	Comment Status X		
Comment Type T Comment Status X				Table 68-4. The stressed receiver sensitivity test is annotated with an editor's notes to				
The words are true, b	ut the purpose of the test is not he Rx meets BER under the st					t been adopted for inclusion. Th rable attention and should be a		d receiver test has
Suggested Remedy			Suggested Remedy					
Reword paragraph to ""A BER of better than 1E-12 shall be achieved under the combination of the Static stressed receiver sensitivity OMA specified in Table 68-4, with each of the ISI""				Remove editor's note from Static received sensitivity test in Table 68-4 and also from 68.6.5. New editor's note in in 68.6.5.2 to indicate that the dynamic penalty test has not been adopted.				
Response	Response Status 0			Response		Response Status O		
•	•							

C/ 68 SC 6.5.2 King, Jonathan	Р 8 Big Bear Netw	L 32 vorks	# 94	C/ 68 SC 7.1 Swanson, Steven	P 14 Corning Inco	L 12 rporated	# 62
	Comment Status X specify the rate of variation of thunds for the dynamic ISI test.	ne impulse resp	onse, as well as the	Comment Type E Editorial. Suggested Remedy	Comment Status X		
uggested Remedy			11-	Delete ""Instalation	"" at end of text.		
Response	uency of variation of dynamic I Response Status O	SI IBD	. HZ	Response	Response Status O		
C/ 68 SC 6.5.3	P13	L 25	# 60	C/ 68 SC 8 Weiner, Nick	P 14 Phyworks	L 31	# 118
wanson, Steven <i>comment Type</i> E Clarification needed.	Corning Incor	porated			Comment Status X e 68-5 both include the fiber los by accepting suggestion made		loss values. May
uggested Remedy Suggest defining the I appears on Page 11,	imits on a ""linear electrical/c line 48.	optical converte	"" The same text	1 00	n made in the editor's note on Response Status O	page 14, line 31.	
Response	Response Status O			Response			
68 SC 6.5.3	P13	L 26	# 61	C/ 68 SC 8 Swanson, Steven	P14 Corning Inco	L 31 rporated	# 63
wanson, Steven comment Type E Clarification needed.	Corning Incor	porated		Comment Type E Editorial	Comment Status X		
uggested Remedy	her signal impairments, such a to define negligible.	s rise times, jitte	er and RIN should be	Suggested Remedy Modify first sentence Response	to read: ""The channel insertic Response Status 0	on loss is given in	Table 68-6.""
lesponse	Response Status O						
68 SC 7	P14	L1	# 117	C/ 68 SC 8 Lindsay, Tom	P14 ClariPhy Cor	L 45 nmunicati	# 105
/einer, Nick comment Type E	Phyworks Comment Status X	waubalausa		Comment Type T Not sure what is hap follow other instance	Comment Status X pening to this table, but if conn s.	ector losses rem	ain, the value should
uggested Remedy	ed by slight re-wording and ne nade in editor's notes on lines 1		14	Suggested Remedy Use 1.5 dB.			
Accept Suggestions II	Response Status O	and o of page	17.	Response	Response Status 0		

 TYPE: TR/technical required T/technical E/editorial COMMENT STATUS: D/dispatched A/accepted R/rejected SORT ORDER: Clause, Page, Line, Subclause
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 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 U/unsatisfied Z/withdrawn
 C/ 68 SC 8

Suggested Remedy	Agilent Comment Status X In't be 'TBD' if we are intendi eal info or a reference theref Response Status O	-		Swanson, Steven Corning Incorporated Comment Type T Comment Status Table suggestions. Suggested Remedy				
Chromatic dispersion ca Suggested Remedy Replace 'TBD' with the re ps/nm/km?	n't be 'TBD' if we are intendi eal info or a reference there	-		Table suggestions.				
Replace 'TBD' with the re ps/nm/km?		to. Is this best q	uoted in ps/nm or	Suggested Remedy				
ps/nm/km?		to. Is this best q	uoted in ps/nm or					
Response	Response Status O			""Input optical power in OMA <-30 dBm"" should read ""Input_optical_power in OMA <-30 dBm"" ""Compliant 10GBASE-R input signal with optical power in OMA >Receiver power OMA (min) in Table 68-4"" should read ""Compliant 10GBASE-LRM input signal with				
				optical power in OMA >Receiver sensitivity (max) in OMA in Table 68-4"				
				Response Response Status O				
C/ 68 SC 9.1 Swanson, Steven	P15 Corning Incor	L 1 porated	# 65					
Comment Type E Incorrect title.	Comment Status X			C/ 68 SC Table 68-2 P 5 L 37 # 56 Swanson, Steven Corning Incorporated				
Suggested Remedy	8.9.1 Optical fiber cable""			Comment Type T Comment Status X EDC is intended to support the installed base of FDDI grade fiber; FDDI is specified at 1300nm on 62.5um fiber.				
	Response Status 0			Suggested Remedy Delete multimode fiber type column.Delete last two rows. Delete footnote. Modify bandwidth column to read: ""Minimum overfilled modal bandwidth at 1300 nm (MHz.km)" Replace "160/500 and 200/500"" with ""500""				
Cl 68 SC 9.1 Swanson, Steven	P15 Corning Incor	L 3 porated	# 66	Response Response Status O				
Comment Type E Incorrect reference.	Comment Status X							
Suggested Remedy				C/ 68 SC Table 68-5 P 9 L 6 # 57 Swanson, Steven Corning Incorporated				
Reword to read: ""the fib Response	per optic cable shall meet the Response Status 0	e requirements o	f IEC 60794-2-11,""	Comment Type T Comment Status X Title and content needs revised.				
				Suggested Remedy				
Cl 68 SC New Swanson, Steven	P 9 Corning Incor	L 28 porated	# 58	Change title to read: ""Table 68-5 - 10GBASE-LRM link power budget"" Include the following parameters as row entries: Power budget Operating distance Channel insertion lossAllocation for penalties				
Comment Type T No jitter specifications ar	Comment Status X re noted.			Response Response Status O				
Suggested Remedy Add jitter specifications f								
Response	Response Status 0							

CI 68	SC Table 68-6	P14	4 L 45	#	64
Swanson, Steven		Cornir	ng Incorporated		
Comment Ty	vpe TR	Comment Status	x		

Wrong connector insertion loss.

Suggested Remedy

Connector insertion loss should read 1.5 dB. If the editor's comment to refer to Table 68-5 is not accepted, we should add channel insertion loss to this table.

Response Response Status **0**

SC Table 68-6