

CI **FM** SC **FM** P1 L28 # 11
Dawe, Piers Nvidia
Comment Type **E** Comment Status **A** editorial
D2.1
SuggestedRemedy
D2.2 (to be D2.3)
Response Response Status **C**
ACCEPT.

CI **00** SC **0** P0 L0 # 10
Dawe, Piers Nvidia
Comment Type **E** Comment Status **A** editorial
pdf metadata is at default
SuggestedRemedy
Populate with correct data
Response Response Status **C**
ACCEPT.

CI **30** SC **30.5.1.1.2** P18 L18 # 14
Dawe, Piers Nvidia
Comment Type **E** Comment Status **A** editorial
This section
SuggestedRemedy
Should be single spaced
Response Response Status **C**
ACCEPT.

CI **45** SC **45.2.1.6** P19 L22 # 15
Dawe, Piers Nvidia
Comment Type **E** Comment Status **A** register bit
Entries should be in descending order
SuggestedRemedy
The three rows 1 0 0 1 x x x x, 1 0 0 0 1 x x x, 1 0 0 0 0 1 1 x should be below the new entries. Also, where are 1 0 1 0 0 0 x x ?
Response Response Status **C**
ACCEPT IN PRINCIPLE.
See comment #9.

CI **45** SC **45.2.1.6** P19 L23 # 9
Zimmerman, George ADI,APLgp,Cisco,Marvell,OnSemi,Sony,SenTekse
Comment Type **E** Comment Status **A** register bit
The new rows for 100GBASE-BR... are inserted in the wrong place (101xxxx end up between 10000101 and 1000011x). They should be immediately below the struck out reserved row 101xxxxx. It appears codes for 101000xx are also missing - are these reserved or are they allocated by df?

SuggestedRemedy
Move rows for 1010101x through 10100100 above reserved row for 1001xxxx = reserved. Insert new reserved row 101000xx = reserved below row for 10100100 = 100GBASE-BR10-D PMA/PMD (editor to check that this code hasn't been allocated by another standard ahead of this one. If it is allocated by another standard in progress, suggest you inform the editor of that standard of these changes to this register - they will need to align).

Response Response Status **C**
ACCEPT IN PRINCIPLE.
Implement suggested remedy with editorial license.
Add Editor's note for register bit reserved by 802.3dj.
(101000xx are reserved by dj for 1.6T DR8-2, DR8, CR8 and KR8.)

CI **45** SC **45.2.1.117.7a** P23 L48 # 16
Dawe, Piers Nvidia
Comment Type **T** Comment Status **A** RS-FEC-Int
100G RS-FEC-Int ability bit applies to 100GBASE-BRx only. A CR or KR doesn't have this bit but it does have the ability.

SuggestedRemedy
Need to say so

Response Response Status **C**
ACCEPT IN PRINCIPLE.
Add "100G RS-FEC-Int ability bit applies to 100GBASE-BRx." to CL45.2.1.117.7a with editorial license.
Change the title of Table 45-95 to:RS-FEC status register bit definitions.

CI **56** SC **56.1.3** P30 L28 # 17
Dawe, Piers Nvidia
Comment Type **E** Comment Status **A** editorial
Why is 161 here among 25G clauses?

SuggestedRemedy
Move to near 91

Response Response Status **C**
ACCEPT.

Cl 56 SC 56.1.3 P30 L32 # 18
Dawe, Piers Nvidia
Comment Type E Comment Status A editorial
50GBASE-R PMA
SuggestedRemedy
50GBASE-R and 100GBASE-P PMA
Response Response Status C
ACCEPT IN PRINCIPLE.
Change column title of CL135 to 50GBASE-R and 100GBASE-P PMA, and change table entries of CL83 to O, CL135 to M for 100GBASE-BRx.

Cl 80 SC 80.1.3 P31 L17 # 19
Dawe, Piers Nvidia
Comment Type E Comment Status A editorial
VR1and
SuggestedRemedy
Insert space
Response Response Status C
ACCEPT.

Cl 80 SC 80.1.4 P33 L29 # 20
Dawe, Piers Nvidia
Comment Type E Comment Status A editorial
Full stops
SuggestedRemedy
Remove
Response Response Status C
ACCEPT.

Cl 80 SC 80.4 P35 L30 # 21
Dawe, Piers Nvidia
Comment Type E Comment Status A editorial
Parts of footnotes a and b don't apply to Table 80-7 but do apply to Table 80-7a. Also, footnote c applies to both tables.
SuggestedRemedy
For Table 80-7:
a For 40GBASE-R, 1 bit time (BT) is equal to 25 ps. (See 1.4.215 for the definition of bit time.)
b For 40GBASE-R, 1 pause_quantum is equal to 12.8 ns. (See 31B.2 for the definition of pause_quantum.)
For Table 80-7a:
a For 100GBASE-R, 1 bit time (BT) is equal to 10 ps. (See 1.4.215 for the definition of bit time.)
b For 100GBASE-R, 1 pause_quantum is equal to 5.12 ns. (See 31B.2 for the definition of pause_quantum.)
Add footnote c to Table 80-7a.
Response Response Status C
ACCEPT IN PRINCIPLE.
Implement suggested remedy with editorial license.

Cl 80 SC 80.5 P38 L3 # 22
Dawe, Piers Nvidia
Comment Type E Comment Status A editorial
Sublayer delay constraints
SuggestedRemedy
Summary of Skew Variation constraints
Response Response Status C
ACCEPT.

Cl 80 SC 80.5 P38 L7 # 23
Dawe, Piers Nvidia
Comment Type E Comment Status A editorial
26.5625GBd
SuggestedRemedy
Insert space
Response Response Status C
ACCEPT.

CI 80 SC 80.5 P38 L40 # 24
 Dawe, Piers Nvidia
 Comment Type E Comment Status A editorial
 Clause 161 through Clause 163, and related annexes
 SuggestedRemedy
 Clause 161 through Clause 163, Clause 168, and related annexes
 Response Response Status C
 ACCEPT.

CI 91 SC 91.7.3 P41 L24 # 25
 Dawe, Piers Nvidia
 Comment Type E Comment Status A editorial
 Too many "or"
 SuggestedRemedy
 There should be just one per list:
 100GBASE-BR20, or
 100GBASE-BR40 PHY
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Implement suggested remedy with editorial license.

CI 91 SC 91.7.4.1 P42 L15 # 26
 Dawe, Piers Nvidia
 Comment Type E Comment Status A editorial
 KR4
 SuggestedRemedy
 Should be KP4 as in 3db, 3ck
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change KR4 to KP4.

CI 91 SC 91.7.4.2 P43 L7 # 27
 Dawe, Piers Nvidia
 Comment Type E Comment Status A editorial
 KR5
 SuggestedRemedy
 Should be KP4 as in 3db, 3ck
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change KR4 to KP4.

CI 135 SC 135 P44 L1 # 28
 Dawe, Piers Nvidia
 Comment Type E Comment Status A editorial
 135. Introduction to 50 Gb/s networksPhysical Medium Attachment (PMA) sublayer, type
 50GBASE-R and 100GBASE-P
 SuggestedRemedy
 Delete "Introduction to 50 Gb/s networks"
 Response Response Status C
 ACCEPT.

CI 135 SC 135.5.7.2 P44 L25 # 29
 Dawe, Piers Nvidia
 Comment Type E Comment Status A editorial
 An PMA
 SuggestedRemedy
 A PMA
 Response Response Status C
 ACCEPT.

Cl 135 **SC 135.5.7.2** **P44** **L44** # **4**

Maguire, Valerie Copperopolis (affl w/ CME Consulting and Cisco)

Comment Type **E** **Comment Status** **A** *consistency*

This sentence is confusing to me. It seems there must be a way to make it clearer. The sentence should start with "A PMA" (not "An PMA").

SuggestedRemedy

Replace, ". An PMA shall provide $1/(1+D)$ mod 4 precoding capability on each output lane, except a PMA that is connected to the service interface of a 100GBASE-BRx PMD which may provide such a capability."

with, "A PMA, except one connected to the service interface of a 100GBASE-BRx PMD and already providing such a capability, shall provide $1/(1+D)$ mod 4 precoding capability on each output lane."

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Implement suggested remedy with editorial license.
(comment #110 from D2.1)
Change "An PMA" to "A PMA".

Cl 135 **SC 135.7.3** **P45** **L4** # **30**

Dawe, Piers Nvidia

Comment Type **E** **Comment Status** **A** *quick review*

Need to declare the new major option

SuggestedRemedy

Add the major option for 100GBASE-BRx

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Add a new entry in subclause 135.7.3 for 100GBASE-BRx, use 50GA1 as the reference.
Update table in subclause 135.7.7 with editorial license.

Cl 157 **SC 157.4.2** **P50** **L42** # **31**

Dawe, Piers Nvidia

Comment Type **E** **Comment Status** **R** *quick review*

Skew constraints - this is for 100G only

SuggestedRemedy

Change subclause heading to: Skew constraints for 100GBASE-BRx

Response **Response Status** **C**

REJECT.
This subclause introduces general contents to related BiDi PHYs.
50GBASE-BRx and 100GBASE-BRx have skew constraints specified in their own clauses (CL160.3.2 and CL168.3.2).
See comment #32.

Cl 157 **SC 157.4.2** **P50** **L52** # **33**

Dawe, Piers Nvidia

Comment Type **E** **Comment Status** **A** *editorial*

For 100GBASE-VR1 and 100GBASE-SR - not

SuggestedRemedy

Since the whole subclause is about 100GBASE-BRx - delete

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Delete the last sentence of the third paragraph in CL157.4.2.
See comment #32.

Cl 157 **SC 157.4.2** **P50** **L52** # **32**

Dawe, Piers Nvidia

Comment Type **E** **Comment Status** **A** *consistency*

This seems to repeat the material in 168.3.2.

SuggestedRemedy

Would it be better to handle it like the delay specs?
Replace contents of subclause with: The Skew and Skew Variation constraints for 100GBASE-BRx PHY sublayers are specified in 80.5.

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Replace CL 157.4.2 with:
The Skew and Skew Variation constraints for 50GBASE-BRx PHY sublayers are specified in 160.3.2.
The Skew and Skew Variation constraints for 100GBASE-BRx PHY sublayers are specified in 168.3.2.

Cl 157 **SC 157.6** **P51** **L13** # **34**

Dawe, Piers Nvidia

Comment Type **E** **Comment Status** **A** *editorial*

Clause 114, Clause 158 through Clause 160, Clause 168

SuggestedRemedy

Clause 114, Clause 152, Clause 158 through Clause 161, Clause 168

Response **Response Status** **C**

ACCEPT.

Cl 161 **SC 161.6.10a** **P52** **L28** # **35**

Dawe, Piers Nvidia

Comment Type **T** **Comment Status** **A** *RS-FEC-Int*

100G_RS_FEC_Int_ability applies to 100GBASE-BRx, but not CR or KR, which don't have this bit but do have the ability.

SuggestedRemedy

Insert sentence: The 100G_RS_FEC_Int_ability variable applies to 100GBASE-BRx. Add sentence at the end: For other PHY types, the ability is determined by the PHY type and there is no such variable.

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Insert sentence with editorial license: The 100G_RS_FEC_Int_ability variable applies to 100GBASE-BRx.
Change the title of Table 161–2 to: MDIO/RS-FEC-Int status variable mapping

Cl 168 **SC 168.5.9** **P59** **L35** # **36**

Dawe, Piers Nvidia

Comment Type **E** **Comment Status** **A** *editorial*

the PMD_receive_fault function: underscores or not?

SuggestedRemedy

If, as appears to be the case, variable names use underscores and function names do not, change PMD_receive_fault function to PMD receive fault function, twice.
Also, insert space in thePMD_receive_fault

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Implement suggested remedy with editorial license.

Cl 168 **SC 168.6.1** **P60** **L21** # **37**

Dawe, Piers Nvidia

Comment Type **T** **Comment Status** **A** *quick review*

According to D2.1 comment 63, there should be an editor's note calling for contributions on the tolerancing for 100GBASE-BR2 and whether it should use a minimum loss spec.

SuggestedRemedy

Consider the tolerancing for 100GBASE-BR2 and whether it should use a minimum loss spec; add editor's note if more study is needed.

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Add editor's note: BR20 spec adjustment was done to increase OMAouter tolerance between min and max values.
See D2.1 comment #63.

Cl 168 **SC 168.6.1** **P60** **L22** # **5**

Jackson, Kenneth Sumitomo Electric

Comment Type **TR** **Comment Status** **A** *technical*

Modification to Table 168-6 100GBASE-BR10 Tx launch powers (avg, OMA, excursion) based on new MPI calculations.

SuggestedRemedy

0.2dB lower transmit launch powers (avg, OMA, excursion). See presentation regarding this comment.

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Change BR10 in Table 168-6 as in slide 9 of 3dk_jackson_2506_1.

Cl 168 **SC 168.6.1** **P61** **L20** # **6**

Jackson, Kenneth Sumitomo Electric

Comment Type **TR** **Comment Status** **A** *technical*

Modify Eq 168-1 100GBASE-BR10 to reflect lower Tx launch powers based on new MPI calculations

SuggestedRemedy

0.2dB lower transmit launch power. See presentation regarding this comment.

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Change Equation 168-1 to:
-0.5+max(TECQ, TDECQ).
See equation in slide 9 of 3dk_jackson_2506_1.

Cl 168 **SC 168.6.2** **P61** **L33** # **8**

Jackson, Kenneth Sumitomo Electric

Comment Type **TR** **Comment Status** **A** *technical*

Modify Table 168-7 to refelect lower transmit powers (assuming those proposed 0.2dB lower values are adopted)

SuggestedRemedy

Avg Rx power = 4.6dBm Receiver power (OMA(outer) (max) = 4.8dBm
Avg Rx Power (min) = -8.4dBm
Damage threshold =5.6dBm (to maintain consistent methodology)
See presentation regarding this comment

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Change BR10 in Table 168-7 as in slide 10 of 3dk_jackson_2506_1.

Cl 168 **SC 168.6.3** **P62** **L25** # **7**

Jackson, Kenneth Sumitomo Electric

Comment Type **TR** **Comment Status** **A** *technical*

Modify Table 168-8 100GBASE-BR10 Power Budget and Allocation for penalties.

SuggestedRemedy

Modify Table 168-8 100GBASE-BR10 Power Budget and Allocation for penalties from 10.6dB to 10.4dB & 4.3dB to 4.1dB, respectively. See presentation regarding this comment.

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Change BR10 in Table 168-8 as in slide 11 of 3dk_jackson_2506_1.

Cl 168 **SC 168.6.3** **P62** **L25** # **38**

Dawe, Piers Nvidia

Comment Type **T** **Comment Status** **A** *editorial*

Editor's note "call for further check of the penalty values" has disappeared, contrary to D2.0 comment 25

SuggestedRemedy

Review the penalty values; add editor's note if more study is needed.

Response **Response Status** **C**

ACCEPT.
Add the editor's note as in D2.1.
(D2.1 comment #62)

Cl 168 **SC 168.7.1** **P63** **L5** # **39**

Dawe, Piers Nvidia

Comment Type **T** **Comment Status** **R** *quick review*

If the definition of RIN measurement is improved (D2.1 comment 25), the only use for square wave in the standard would be as an alternative to SSPRQ for measuring transmitter transition time. But for that, one needs to find 20% and 80% of OMAouter; OMAouter is measured with PRBS13Q or SSPRQ, not square wave, so it's not practical anyway. Transmitter transition time goes with TECQ, extinction ratio, overshoot and undershoot; they can all be obtained from the same measurement with SSPRQ. There is no need for the standard to mandate a second way. Square wave is a very untypical pattern which should not be recommended if there is a practical alternative.

SuggestedRemedy

Delete square wave from tables 168-9 and 168-10. Someone who wants to use it still can, because it still exists in 120.5.11.2.5, and the registers to advertise it and control it still exist in 45, but we should not encourage it in future.

Response **Response Status** **C**

REJECT.
See comment #47.

Cl 168 **SC 168.7.5** **P64** **L34** # **40**

Dawe, Piers Nvidia

Comment Type **T** **Comment Status** **A** *quick review*

This TDECQ doesn't use the FFE in 121.8.5.4 because that has 38 ps tap spacing for 50 Gb/s and we need 19 ps spacing for 100 Gb/s as in 140.7.5.1.

SuggestedRemedy

Change 121.8.5.4 to 140.7.5.4.

Response **Response Status** **C**

ACCEPT IN PRINCIPLE.
Change 121.8.5.4 to 140.7.5.1 (TDECQ reference equalizer).
(D2.1 comment #15)

Cl 168 **SC 168.7.5** **P64** **L36** # **41**

Dawe, Piers Nvidia

Comment Type **E** **Comment Status** **A** *editorial*

signal rate

SuggestedRemedy

signaling rate

Response **Response Status** **C**

ACCEPT.

CI 168 SC 168.7.5 P64 L40 # 42

Dawe, Piers Nvidia

Comment Type E Comment Status A consistency

This long, hard to understand, run-on sentence has been fixed elsewhere e.g. 150.8.5, 150.8.7, 150.8.10 and 151.8.1

SuggestedRemedy

Change "GHz, and at frequencies above 1.3 x 53.125 GHz, the response" to "GHz. At frequencies above 1.3 x 53.125 GHz, its response" (2 changes)

Response Response Status C

ACCEPT IN PRINCIPLE.

Implement suggested remedy with editorial license.

CI 168 SC 168.7.5 P64 L45 # 43

Dawe, Piers Nvidia

Comment Type T Comment Status A quick review

chayeb_3dj_01_2505 slide 8 shows that a very asymmetric signal can pass all the specs and still be troublesome to receive.

SuggestedRemedy

Add a spec for the maximum tap weight for the tap immediately after the largest tap: max 0.07. (Typically this tap would be -ve)

Response Response Status C

ACCEPT IN PRINCIPLE.

Add an Editor's note:

There's a proposal to add the maximum tap weight for the tap immediately after the largest tap: max 0.07 in CL 168.7.5.

CI 168 SC 168.7.5.1 P65 L18 # 44

Dawe, Piers Nvidia

Comment Type T Comment Status A quick review

This says "The link may be as short as 2 m, and the minimum or maximum dispersion may be 0." Actually, the minimum for the test cannot be 0, and the maximum cannot be 0 for 100GBASE-BRx-D. Editorial changes for use of "may", and making the intent clearer.

SuggestedRemedy

Change to "A link may be as short as 2 m, therefore the maximum dispersion for 100GBASE-BRx-U is 0 for some transmitter wavelengths."

Response Response Status C

ACCEPT.

CI 168 SC 168.7.6 P65 L41 # 46

Dawe, Piers Nvidia

Comment Type T Comment Status A quick review

A signal that needed a main tap at 0.8 would be unhealthily over-emphasised and troublesome for the receiver. While the over/under-shoot spec may catch many such signals, it doesn't catch them all. 802.3dj has a limit of 0.9. We should apply the same limit. It is reasonable to do this for TECQ while we study the interplay between this and chromatic dispersion some more.

SuggestedRemedy

Change 0.8 to 0.9, for TECQ: after "except that the test fiber is not used", add "and the largest magnitude tap coefficient, is constrained to be at least 0.9."

Response Response Status C

ACCEPT IN PRINCIPLE.

Change the last sentence of CL168.7.6 to:

The TECQ of each lane is measured using the methods specified for TDECQ in 168.7.5, except that the test fiber is not used, and the largest magnitude tap coefficient is constrained to be at least 0.9.

CI 168 SC 168.7.6 P65 L41 # 45

Dawe, Piers Nvidia

Comment Type E Comment Status A editorial

Missing cross-reference

SuggestedRemedy

168.7.5

Response Response Status C

ACCEPT.

CI 168 SC 168.7.11 P67 L11 # 47

Dawe, Piers Nvidia

Comment Type T Comment Status R quick review

We should reconsider unsatisfied D2.0 comment 25: update the RIN definition to align to what is defined in 802.3dj. This is industry practice.

SuggestedRemedy

Response Response Status C

REJECT.

There was no consensus to make the change at this time.

See comment #25 in D2.1.

Cl 168 SC 168.7.13 P68 L50 # 48

Dawe, Piers Nvidia

Comment Type E Comment Status A quick review

"SRS" is not used in Table 168-10, or 121.8.10. It should be defined or removed.

SuggestedRemedy

As it appears only twice, remove: change SRS to stressed receiver sensitivity here and on the next page

Response Response Status C

ACCEPT IN PRINCIPLE.

Implement suggested remedy with editorial license.

Cl 168 SC 168.7.13 P68 L51 # 49

Dawe, Piers Nvidia

Comment Type T Comment Status A quick review

D2.1 comment 49: Add text saying that the PMD's transmitter and any other circuitry that could cause crosstalk should be operational when stressed sensitivity (and regular sensitivity) is measured. The same goes for transmitter measurements such as TECQ and TDECQ. 121.8.5.1 says "with all other lanes in operation but this is interpreted as other lanes in the same Ethernet link, and these PMDs are serial. 167.8.1 says "For a receiver in a multilane device" (as opposed to multilane PHY or multilane PMD"

SuggestedRemedy

Add suitable text

Response Response Status C

ACCEPT IN PRINCIPLE.

Implement with editorial license.

Add new subclause 168.7.2 as:

168.7.2 Considerations for multi-port equipment

100GBASE-BRx equipment or devices may contain all or parts of multiple PHYs in parallel. These can have crosstalk, so they are taken into account in the same way as the lanes in a multi-lane PHY. This might be significant for TDECQ, TECQ, RINxOMA, receiver sensitivity and stressed receiver sensitivity.

Where relevant, parameters are defined with all co-propagating and counter-propagating lanes in a device operational, so that crosstalk effects are included. While the lanes in a particular direction may share a common clock, the Tx and Rx directions are not synchronous to each other. If Pattern 3 is used for the lanes not under test using a common clock, there is at least 31 UI delay between the PRBS31Q patterns on one lane and any other lane so that the symbols on each lane are not correlated within the PMD. For a complete PHY (one that includes RS-FEC, PMA and PMD sublayers), the amplitude of the Tx aggressor lanes is set by the product under test. For a partial PHY such as an optical module with an AUI, containing PMA and PMD, the amplitude of the Tx aggressor lanes at the AUI is the same as that of the "victim" AUI of the PMA/PMD under test. The amplitude of the Rx aggressor lanes is the receive power (OMAxouter) (max). This represents signals arriving via transmitters and low-loss optical paths which could be very different to the victim in a receiver test.

Alternative test methods that generate equivalent results may be used.

Add in CL168.7.5:

The device under test receives an optical signal. The OMAouter of this and any applicable Rx aggressor lanes is the receive power (OMAxouter) (max) given in Table 168-7. For more information including Tx aggressors, see 168.7.2.

Add in CL168.7.11:

A thorough relative intensity noise measurement takes crosstalk into account. The device under test receives an optical signal. The OMAouter of this and any applicable Rx aggressor lanes is the receive power (OMAxouter) (max) given in Table 168-7. For more information including Tx aggressors, see 168.7.2.

Add in CL168.7.12:

A thorough receiver sensitivity measurement takes crosstalk into account. The transmitter of the receiver under test is operational. The OMAouter of any applicable Rx aggressor lanes is the receive power (OMAouter) (max) given in Table 168-7. For more information including Tx aggressors, see 168.7.2.

Add in CL168.7.13:

The transmitter of the receiver under test is operational. The OMAouter of any applicable Rx aggressor lanes is the receive power (OMAouter) (max) given in Table 168-7. For more information including Tx aggressors, see 168.7.2.

Cl 168	SC 168.7.13	P68	L 52	# 50
Dawe, Piers		Nvidia		
Comment Type	T	Comment Status	A	<i>quick review</i>
No need for the indirection in "The SECQ of the stressed receiver conformance test signal is measured according to 168.7.5, except that the test fiber is not used." because SECQ and TECQ are the same (although I don't remember that this is stated).				
SuggestedRemedy				
Change "according to 168.7.5, except that the test fiber is not used" to "according to the procedure for TECQ given in 168.7.6"				
Response		Response Status	C	
ACCEPT IN PRINCIPLE.				
Change the first sentence in the first bullet "according to 168.7.5, except that the test fiber is not used" to "according to the procedure for TECQ given in 168.7.6".				

Cl 168	SC 168.10	P72	L 8	# 51
Dawe, Piers		Nvidia		
Comment Type	T	Comment Status	A	<i>quick review</i>
This section is about the cabling, not the budget. As I understand it, when cabling is installed it is measured at 1310 nm (and maybe 1550 nm), and that's adequate for all O-band PMDs. Clauses 52 and 59 follow this method clearly.				
SuggestedRemedy				
In the table, for the channel insertion loss rows, insert "1310". Move "Over the wavelength range 1303.6 nm to 1310.1 nm", to Table 168-8, 100GBASE-BRx illustrative link power budgets, where it is applicable. There is no need to adjust any numbers in this clause, because the operating wavelengths are so close to 1310 nm.				
Response		Response Status	C	
ACCEPT IN PRINCIPLE.				
Insert "1310" in the wavelength cell in the channel insertion loss row.				
Delete "Over the wavelength range 1303.6 nm to 1310.1 nm" in footnote b of Table 168-12, and add a footnote "Over the wavelength range 1303.6 nm to 1310.1 nm" to channel insertion loss row in Table 168-8.				
Implement with editorial license.				

Cl 168	SC 168.10	P72	L 24	# 52
Dawe, Piers		Nvidia		
Comment Type	E	Comment Status	A	<i>editorial</i>
The new sentence about dispersion doesn't relate to the insertion loss row.				
SuggestedRemedy				
Move anchor b to the first dispersion row.				
Response		Response Status	C	
ACCEPT IN PRINCIPLE.				
Add anchor b to the first dispersion row.				

Cl 168	SC 168.11.4.1	P75	L 15	# 53
Dawe, Piers		Nvidia		
Comment Type	E	Comment Status	A	<i>editorial</i>
SP3				
SuggestedRemedy				
SP4?				
Response		Response Status	C	
ACCEPT.				

Cl 168	SC 168.11.4.1	P75	L 20	# 54
Dawe, Piers		Nvidia		
Comment Type	E	Comment Status	A	<i>editorial</i>
SP3				
SuggestedRemedy				
SP5? If so, O not M				
Response		Response Status	C	
ACCEPT IN PRINCIPLE.				
Change SP3 in SC3 to SP5 and change the status of SC3 to O.				
Change value/comment of SC1 and SC2 to Device conforms to skew and skew variation constraints.				

CI 169 SC 169.8.3 P69 L37 # 1
Maguire, Valerie Copperopolis (aff'l w/ CME Consulting and Cisco)
Comment Type E Comment Status R consistency
Consider simplifying guidance.

SuggestedRemedy

Replace, "It is recommended that proper installation practices, as defined by applicable local codes and regulation, be followed in every instance in which such practices are applicable."
with, "Proper installation practices, as defined by applicable local codes and regulation, should be followed.

Response Response Status C

REJECT.
Reference clauses, such as CL140 and ongoing project 802.3dj, all use the same wording.
This could be considered as maintenance comment.

CI 169 SC 169.8.4 P69 L49 # 3
Maguire, Valerie Copperopolis (aff'l w/ CME Consulting and Cisco)
Comment Type E Comment Status R consistency
Consider simplifying guidance.

SuggestedRemedy

Replace, "It is recommended that manufacturers indicate in the literature associated with the PHY the operating environmental conditions to facilitate selection, installation, and maintenance."
with, "It is recommended that manufacturers indicate conditions to facilitate selection, installation, and maintenance in the literature associated with the PHY."

Response Response Status C

REJECT.
Reference clauses, such as CL140 and ongoing project 802.3dj, all use the same wording.
This could be considered as maintenance comment.

CI 169 SC 169.8.4 P69 L49 # 2
Maguire, Valerie Copperopolis (aff'l w/ CME Consulting and Cisco)
Comment Type E Comment Status R consistency
Consider simplifying guidance.

SuggestedRemedy

Replace, "It is recommended that manufacturers indicate, in the literature associated with the components of the optical link, the distance and operating environmental conditions over which the specifications of this clause are met."
with, "It is recommended that manufacturers indicate distance and operating environmental conditions in the literature associated with the components of the optical link."

Response Response Status C

REJECT.
Reference clauses, such as CL140 and ongoing project 802.3dj, all use the same wording.
This could be considered as maintenance comment.

CI Content SC Contents P13 L12 # 12
Dawe, Piers Nvidia
Comment Type E Comment Status A editorial
Layout

SuggestedRemedy

Tab position?

Response Response Status C

ACCEPT IN PRINCIPLE.
Follow the latest 802.3 template.

CI Content SC Contents P14 L26 # 13
Dawe, Piers Nvidia
Comment Type E Comment Status A editorial
Layout

SuggestedRemedy

Tab position?

Response Response Status C

ACCEPT IN PRINCIPLE.
Follow the latest 802.3 template.