Cl **FM** *SC* **FM** *P* **8** *L* **20** # 4

Issenhuth, Tom Huawei

Comment Type **E** *Comment Status* **A** *bucket*

Missing list of working group participants

SuggestedRemedy

Insert list of working group participants

Response *Response Status* **C**

ACCEPT.

Cl **1** *SC* **1.4.35b** *P* **22** *L* **8** # 10

Dawe, Piers Nvidia

Comment Type **ER** *Comment Status* **R**

The discussion around what encoding this PHY uses and a review of Clause 153. SC-FEC and... leads me to the conclusion that this is not a BASE-R PHY at all. What's on the line is in a telecoms style wrapper - in this case OTN, while for 10GBASE-LW it was "compatible with SONET STS-192c".

SuggestedRemedy

Change the name to 100GBASE-ZW

Response *Response Status* **C**

REJECT.

The commentor has not demonstrated how changing it would improve the quality of the draft. During the November 2018 plenary the .cn task force conducted strawpoll 5 on nomenclature preferences, 100GBASE-ZR had a count of 36, 100GBASE-AR had 7, 100GBASE-ZA had 3 and none of the above had 0 which showed clear support for -ZR. -ZW was not brought up for consideration. The -ZR nomenclature was adopted via motion 4 in the same meeting 48/0/3. This nomenclature was reaffirmed in .ct in the March 2019 plenary meeting via motion 4 by voice vote without opposition.

There was no support to make a change.

Cl **1** *SC* **1.4.180a** *P* **23** *L* **18** # 1

Anslow, Pete Independent

Comment Type **E** *Comment Status* **A** *bucket*

"channel spacing" comes after "Channel Operating Margin (COM)"

SuggestedRemedy

Change the editing instruction to:
Insert the following new definition after 1.4.181 "Channel Operating Margin (COM)"
Renumber the new definition to 1.181a

Response *Response Status* **C**

ACCEPT.

Cl **1** *SC* **1.4.227a** *P* **23** *L* **25** # 3

Anslow, Pete Independent

Comment Type **E** *Comment Status* **A** *bucket*

"Dense Wave Division Multiplexing" should be "dense wavelength division multiplexing" to match the entry in 1.5.
This is also consistent with the rest of 802.3, which has "wavelength division multiplex" 23 times and "wave division multiplex" 0 times.

SuggestedRemedy

Change "Dense Wave Division Multiplexing:" to "dense wavelength division multiplexing (DWDM):"

Response *Response Status* **C**

ACCEPT.

Cl **45** *SC* **45.2.1.133e.1** *P* **33** *L* **27** # 5

Issenhuth, Tom Huawei

Comment Type **E** *Comment Status* **A** *bucket*

Incorrect capitalization of TX

SuggestedRemedy

Modify paragraph title from " TX Rx" to "Tx Rx"

Response *Response Status* **C**

ACCEPT.

Cl **153** *SC* **153.2.3.2.6** *P* **88** *L* **10** # 6

Dawe, Piers Nvidia

Comment Type **E** *Comment Status* **A** *bucket*

Missing arrow?

SuggestedRemedy

Add arrow from the reset line to the box containing p3, same as the others, moving two squiggle-breaks to the right.
Also, make the thick or slanting nearly-horizontal arrow at the top of the figure the same as the others.

Response *Response Status* **C**

ACCEPT IN PRINCIPLE.

Implement the proposed remedy with editorial license to clean up the figure.

Cl **153** *SC* **153.3.2.2.1** *P* **96** *L* **43** # 9

Dawe, Piers Nvidia

Comment Type **E** *Comment Status* **D**

This 4-lane interface format is referred to in ITU-T G.709 and ITU-T G.709.2 as OTL4.4.

SuggestedRemedy

In ITU-T G.709 and ITU-T G.709.2, this 4-lane interface format is called OTL4.4.
Also in 153.3.2.3.1

Proposed Response *Response Status* **Z**

REJECT.

This comment was WITHDRAWN by the commenter.

Duplicate of comment #8. See response to comment #8.

Cl **153** *SC* **153.3.2.2.1** *P* **96** *L* **43** # 8

Dawe, Piers Nvidia

Comment Type **E** *Comment Status* **R**

This 4-lane interface format is referred to in ITU-T G.709 and ITU-T G.709.2 as OTL4.4.

SuggestedRemedy

In ITU-T G.709 and ITU-T G.709.2, this 4-lane interface format is called OTL4.4.
Also in 153.3.2.3.1

Response *Response Status* **C**

REJECT.
Commenter has not identified any problem with the current wording.

The current and proposed replacement wording are equally correct, and making a change would increase the scope of subsequent recirculation ballots without improving the quality of the draft.

Cl **154** *SC* **154.5.2** *P* **105** *L* **41** # 12

Dawe, Piers Nvidia

Comment Type **E** *Comment Status* **A** *Bucket*

to phase changes to each of the DQPSK optical signals

SuggestedRemedy

to phase changes of each of the DQPSK optical signals

Response *Response Status* **C**

ACCEPT.

Cl **154** *SC* **154.5.3** *P* **105** *L* **49** # 13

Dawe, Piers Nvidia

Comment Type **E** *Comment Status* **A** *Bucket*

the phase changes on each of the retrieved DQPSK signals

SuggestedRemedy

To match 154.5.3: the phase changes of each of the retrieved DQPSK signals

Response *Response Status* **C**

ACCEPT.

Cl **154** *SC* **154.5.3** *P* **106** *L* **5** # 14

Dawe, Piers Nvidia

Comment Type **E** *Comment Status* **A** *Bucket*

Radians

SuggestedRemedy

radians

Response *Response Status* **C**

ACCEPT.

Cl **154** *SC* **154.7.3** *P* **111** *L* **45** # 11

Dawe, Piers Nvidia

Comment Type **TR** *Comment Status* **R**

802.3 writes interoperability specifications. The definitions of transmitter, receiver and channel must each be independently complete enough so that any compliant transmitter, receiver and channel will interoperate. The transmitter and receiver have specified power ranges; the channel must have specifications that control the loss or gain for compliant transmitted signals so that the power window at TP3 is met. In G.698.2, 7.4.1 Maximum and minimum mean input power "This parameter (together with the maximum and minimum mean channel output power) also places a requirement on the maximum and minimum channel insertion loss (or gain) of the black link." Here, with the three pieces specified separately, channel loss/gain spec has got lost.

SuggestedRemedy

Add specifications to Table 154-10 so that a black link will deliver the right power at TP3. Different for amplified and non-amplified cases.

Response *Response Status* **U**

REJECT.

The commenter apparently disagrees with how the concept of a black link is specified in the draft. The requested power levels are shown in Table 154-9.
Furthermore the proposed remedy does not contain a specific proposal to modify the draft in such a way that it would improve it on the basis of evidence provided.

There was no support that an issue has been demonstrated with the draft.

Cl **154** *SC* **154.8.12** *P* **114** *L* **34** # 15

Dawe, Piers Nvidia

Comment Type **TR** *Comment Status* **R**

With regard to D2.0 comment 140, stressed sensitivity: two ways forward are: add a traditional WDM stressed sensitivity (extreme input power, chromatic dispersion, adjacent channel and SJ) with EVM and OSNR, or follow G.698.2 where extreme chromatic dispersion and OSNR, jitter are in separate specifications, while e.g. EVM are in both.

SuggestedRemedy

In 154.8.12, 154.8.13 and 154.8.16, write out clearly what impairments are included and what aren't; give an indication of how such a measurement could be done, with a block diagram. Include the appropriate SJ (see 121.8.9.4 for an example, but the parameters will be different here), but preferably with 5 or 6 spot frequencies instead of a mask (see Table 120E-6 for an example).

Response *Response Status* **U**

REJECT.
This is a similar comment as rejected comment #140 to D2.0. The response to previous comment stated "Furthermore the remedy does not contain a specific proposal to modify the draft in such a way that it would improve it on the basis of evidence provided.
The commenter is invited to develop a detailed proposal for stressed receiver sensitivity. With evidence that adding such a requirement will improve the quality of the draft." The comment does not provide a specific proposal or provide evidence the suggested change will improve the quality of the draft.

Cl **154** *SC* **154.11.4.3** *P* **121** *L* **7** # 2

Anslow, Pete Independent

Comment Type **E** *Comment Status* **A** *Bucket*

PICS items with Status "M" just have "Y [ ]" in the Support column

SuggestedRemedy

Remove "N/A [ ]" from items ZR1 and ZR2

Response *Response Status* **C**

ACCEPT.

Cl **154** *SC* **154.11.4.6** *P* **122** *L* **1** # 7

Dawe, Piers Nvidia

Comment Type **E** *Comment Status* **A** *Bucket*

Blank Link

SuggestedRemedy

black link

Response *Response Status* **C**

ACCEPT.