

Proposed Responses for Specifications and Management Parameters for 25Gb/s, 50Gb/s, and 100Gb/s Passive Optical Network

Cl 1 SC 1.4 P20 L47 # 76
 Umnov, Alexander Corning
Comment Type E Comment Status D
 Definition of envelope is unclear. It has references to GLID, EQ, which do not have definitions. Also, what is continuous transmission, does it mean 'granted by one grant'?

SuggestedRemedy
 Rephrase definition to make it more clear if one envelope is generated by one grant. But also, if it is true, next question will be what happens if grants are periodic

Proposed Response Response Status W
 PROPOSED REJECT.

Definition of GLID is under: 1.4.15a Logical Link ID (LLID)

Definition of EQ is under 1.5 Abbreviations

Typically, we provide defatiled definitions of individual terms within the document (individual subclauses) and not up front. Most of them need specific context that cannot be exposed up front in Clause 1.

If grants are periodic, it us up to DBA in the OLT to make them line up accordingly. We do not define the operation of DBA and it has always remained vendor-specific.

A single grant (GATE) may contain multiple envelopes (start/duration) tuples, so it would be incorrect to make a 1:1 relationship between grants and envelopes.

Cl 141 SC 141.9.1 P46 L5 # 77
 Umnov, Alexander Corning
Comment Type E Comment Status D
 ...replaced by a number of smaller 1:n splitters...

SuggestedRemedy
 ...replaced by a number of smaller 1:n splitters, which may be symmetric or asymmetric,...

Proposed Response Response Status W
 PROPOSED REJECT.

There are only two options: symmetric and assymetric, so this proposed change does not exclude any splitter types, and does not add any. No change needed at this time.

Cl 143 SC 143.2 P58 L52 # 65
 Hajduczenia, Marek Charter Communicatio
Comment Type T Comment Status D
 "Relationship of {NG-EPON} MPRS" needs NG-EPON designation

SuggestedRemedy
 For the time being and for consistency, let's call it 100G-EPON: change to "Relationship of 100G-EPON MPRS"

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 143 SC 143.2.1.3 P59 L40 # 66
 Hajduczenia, Marek Charter Communicatio
Comment Type E Comment Status D
 A nit pick: not "A ULID" but "An ULID"

SuggestedRemedy
 Per comment
 Same on page 61, line 37

Proposed Response Response Status Z
 PROPOSED REJECT.

This comment was WITHDRAWN by the commenter.

Cl 143 SC 143.2.1.4 P59 L49 # 67
 Hajduczenia, Marek Charter Communicatio
Comment Type E Comment Status D bucket
 Avoid the use of absolute statement as "always"

SuggestedRemedy
 Remove "always" - it does not add anything to technical content and avoids implied guarantees of any sort
 Similarly, strike "never" on page 62, line 36

Proposed Response Response Status W
 PROPOSED ACCEPT.

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Cl 143 SC 143.2.4.3 P65 L32 # 68
 Hajduczenia, Marek Charter Communicatio

Comment Type T Comment Status D
 Addressing "EDITORS NOTE: additional text needed to describe ENV_RX writing process"

SuggestedRemedy
 This information is included in 143.2.4.4 already and does not need to be repeated. Strike the note

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 143 SC 143.4.1.1 P68 L44 # 69
 Hajduczenia, Marek Charter Communicatio

Comment Type T Comment Status D
 One "In prior EPON generations, only" snuck by ...

SuggestedRemedy
 Change to "In 1G-EPON and 10G-EPON, only"

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 143 SC 143.4.1.2 P70 L9 # 70
 Hajduczenia, Marek Charter Communicatio

Comment Type E Comment Status D bucket
 Likely wrong reference: primitives (see Figure 143-4).

SuggestedRemedy
 Link Figure 143-10 instead ?

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 143 SC 143.4.2 P71 L44 # 71
 Hajduczenia, Marek Charter Communicatio

Comment Type TR Comment Status D
 Statement "The Envelope Length field in the envelope start header does not include the envelope start header." contradicts illustration 143-4 where size of envelope covers also envelop header itself; it is also indicated so on page 61, lines 38-40: "The envelope header includes the Length field that shows the length of the entire envelope in units of EQ. The envelope header itself is counted as part of the envelope, therefore the minimum value of the Length field is one."

SuggestedRemedy

Resolve the inconsistency - seems like text on page 71 needs to be updated to indicate that the header size is counted in the envelope size field

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Statement "The Envelope Length field in the envelope start header does not include the envelope start header." to be changed to read "The Envelope Length field in the envelope start header includes the envelope start header."

Cl 143 SC 143.4.3 P71 L52 # 72
 Hajduczenia, Marek Charter Communicatio

Comment Type T Comment Status D
 "The 100G-EPON transmit path is composed of two processes" - it would be nice to state what these processes are

SuggestedRemedy
 Modify to be as shown: "The 100G-EPON transmit path is composed of two processes - the Input Process and the Output Process, "
 Align the name of the output process, making the following changes:
 - page 72, like 25, change "Transmit Process" to "Output Process"
 - page 72, Figure 143-12, change "Transmit Process" to "Output Process"
 - page 74, line 33, change "Transmit Process" to "Output Process"
 - page 74, line 43, change "Transmit Process" to "Output Process"
 - page 78, lines 3, 6, 7, 9, 31, change "Transmit Process" to "Output Process"

Proposed Response Response Status W
 PROPOSED ACCEPT.

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Cl 143 SC 143.4.3.4 P76 L1 # 73
 Hajduczenia, Marek Charter Communicatio
 Comment Type E Comment Status D bucket
 Disable hypenation for primitive names, in this case, for PLS_DATA.request
 SuggestedRemedy
 Per comment + scrub the whole draft
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 143 SC 143.4.3.5.1 P76 L49 # 74
 Hajduczenia, Marek Charter Communicatio
 Comment Type E Comment Status D bucket
 We shall not use "will"
 SuggestedRemedy
 Replace "will be" with "is"
 Replace "will be" with "are" page 82, line 39
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 143 SC 143.4.3.5.1 P77 L19 # 78
 Remein, Duane Huawei Technologies
 Comment Type T Comment Status D late
 Incorrect State name "CHECK_ENV_-"
 SuggestedRemedy
 Change to "CHECK_ENV_SIZE"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 143 SC 143.4.3.5.1 P77 L46 # 79
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status D late
 TX_FIFO and RX_FIFO have been changed to ENV_TX and ENV_RX resp.
 SuggestedRemedy
 Replace TX_FIFO with ENV_TX throughout the draft, including all figures and tables.
 Replace RX_FIFO with ENV_RX throughout the draft, including all figures and tables.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 143 SC 143.4.4 P78 L52 # 75
 Hajduczenia, Marek Charter Communicatio
 Comment Type T Comment Status D
 "The 100G-EPON receive path is composed of two processes" - it would be nice to state what these processes are
 SuggestedRemedy
 Modify to be as shown: "The 100G-EPON receive path is composed of two processes - the Input Process and the Output Process, "
 Align the name of the input and output process, making the following changes:
 - page 78, line 38: change "Receive Process" to "Input Process"
 - page 79, line 31: change "Receive Process" to "Input Process"
 Proposed Response Response Status W
 PROPOSED ACCEPT.