

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

Cl 00 SC 0 P59 L21 # 56
 Remein, Duane Huawei Technologies
 Comment Type T Comment Status R
 Incorrect State name "CHECK_ENV_-"
 SuggestedRemedy
 Change to "CHECK_ENV_SIZE"
 Response Response Status C
 REJECT.
 State name is correct in D0.4 as published. Please note that clause/subclause numbers are wrong (00/0)

Cl 141 SC 141.1 P23 L8 # 58
 Remein, Duane Huawei Technologies
 Comment Type T Comment Status A
 "25 Gb/s and above" how far above? 220 Gb/e? 400 Gb/s?
 SuggestedRemedy
 Replace with "25, 50, or 100 Gb/s"
 Response Response Status C
 ACCEPT.

Cl 141 SC 141.1 P24 L51 # 61
 Remein, Duane Huawei Technologies
 Comment Type T Comment Status A
 Good explanation fo "D" PMD but "U" PMDs given short shift!
 SuggestedRemedy
 Add to end of sentence: ", whereas the ONU PMD has a suffix "U" appended to it, where U stands for an upstream-facing PMD". Coul dus an "a" before "downstream-facing PMD also.
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change "where D stands for downstream-facing PMD." to "where D stands for a downstream-facing PMD, whereas the ONU PMD has a suffix "U" appended to it, where U stands for an upstream-facing PMD".

Cl 141 SC 141.1 P26 L18 # 63
 Remein, Duane Huawei Technologies
 Comment Type T Comment Status A
 Well, probably not 10/1GBASE-PRX-U or 1.25 GBd or 10.3125 GBd or 10GBASE-PR-U.
 SuggestedRemedy
 Add Editors note that this needs to be updated.
 Response Response Status C
 ACCEPT.
 This is a technical comment (changed E > T)

Cl 141 SC 141.1.1 P23 L15 # 59
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A
 Optical network Units
 SuggestedRemedy
 Optical Network Units
 Response Response Status C
 ACCEPT.

Cl 141 SC 141.1.3 P23 L39 # 60
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A
 represents medium power budget and a value of 30 represents high power budget
 SuggestedRemedy
 missing "the" "represents the medium power budget and a value of 30 represents the high power budget"
 Response Response Status C
 ACCEPT.

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

CI 141 SC 141.2 P26 L12 # 62
Remein, Duane Huawei Technologies
Comment Type T Comment Status A
Suggestion for "{PMD_X}" in two places
SuggestedRemedy
use PR-A-D
Response Response Status C
ACCEPT.

CI 141 SC 141.3.1 P27 L30 # 64
Remein, Duane Huawei Technologies
Comment Type E Comment Status A
"64B/66B"? Maybe not
SuggestedRemedy
Change all instances to "{64B/66B}" indicating this is still in debate.
Response Response Status C
ACCEPT IN PRINCIPLE.
Insert editorial note indicating that selection of 64B/66B code is tentative at this time/

CI 141 SC 141.3.58.2 P28 L46 # 39
Remein, Duane Huawei Technologies
Comment Type E Comment Status A
"Clause 201 PMA sublayer" s/b CI 142.
SuggestedRemedy
Change to: "Clause 142 PMA sublayer" with live link to clause.
Response Response Status C
ACCEPT IN PRINCIPLE.
Change per comment + make sure link is live.

CI 141 SC 141.7 P37 L48 # 40
Remein, Duane Huawei Technologies
Comment Type T Comment Status A
Elsewhere in the draft we appear to be listing specific PMD while here we address "certain PMDs of this standard". It would be better if we were more specific
SuggestedRemedy
Change "certain PMDs of this standard" to "Clause 141 PMDs"
Response Response Status C
ACCEPT.
This is a technical comment, changed E > T

CI 141 SC 141.7.15.1 P41 L30 # 41
Remein, Duane Huawei Technologies
Comment Type E Comment Status A
"Treceiver_settling is presented in Figure 141-3" but the figure looks like a test set-up.
SuggestedRemedy
Strike the sentence as it is clear from the first sentence of the next para (and the figure title) what the figure is about.
Response Response Status C
ACCEPT IN PRINCIPLE.
Insert an editorial note indicating a figure representing individual parameters discussed in 141.7.14 will be inserted. Change all references to Clause 60 parameters to Clause 141 references and indicate they are TBD at this time. Maintain references to Clause 75 for 10G-EPON values. Replace reference to Figure 141-3 with {TBD}

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

Cl 141 SC 141.7.15.2 P42 L39 # 42
 Remein, Duane Huawei Technologies

Comment Type T Comment Status R

This definition of receiver settling time seems odd to me: "Define Treceiver_settling time as the time from the Tx_Enable assertion, minus the known Ton time, to the time the electrical signal at TP8 reaches within 15% of its steady state conditions." For example assume everything is at max spec and Ex_Enable is asserted at T=1000 then Trs = 1000-(Ton =)512 + (Trs = 800) which is at T= 1288 or 288ns after the laser with a turn-on time of 512 ns is enabled. Is this the intent???

SuggestedRemedy

Examine definition and correct if needed (if correction needed may want to do something in the revision project as wording in 2015 STD is the same).

Response Response Status C

REJECT.

Text was taken verbatim from 802.3-2015. If fixes are needed in base standard, please submit an MR.

Cl 142 SC 142.1 P49 L11 # 43
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A

"Clause 203"?

SuggestedRemedy

Change to Clause 144, make link live

Response Response Status C

ACCEPT.

Cl 142 SC 142.1.1 P49 L20 # 44
 Remein, Duane Huawei Technologies

Comment Type E Comment Status R

Is code style "C" or "C++"

SuggestedRemedy

Change to "C++"

Response Response Status C

REJECT.

Actually, we do not use classes, so reference to "C" is more than sufficient.

Cl 142 SC 142.2.2.5 P51 L3 # 45
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A

"See 49.2.7" should be marked as TBD.

SuggestedRemedy

Add "{Details are TBD}"

Response Response Status C

ACCEPT.

Cl 143 SC 143.2 P55 L9 # 51
 Remein, Duane Huawei Technologies

Comment Type T Comment Status A

The following statement in 144.3.7.1 implies that LLID 0 cannot be used as there is no indication of the number of Grants in the GATE. "If the number of grants in the GATE MPCPDU is zero, such a GATE MPCPDU is used as an MPCP keep alive from the OLT to the ONU"

SuggestedRemedy

Add a note that LLID Table needs to reserve LLID = 0 for ONU keep alive GATEs and cannot be assigned to a specific ONU MAC.

Response Response Status C

ACCEPT IN PRINCIPLE.

Unclear what "LLID table" is being referenced. There is no LLID table on page 55

In Figure 144-4, change size for LLID #1 from 2 to 0/2 and size for Grant Length #1 from 3 to 0/3.

Cl 143 SC 143.2.1 P55 L50 # 46
 Remein, Duane Huawei Technologies

Comment Type T Comment Status A

I'm curious what signals the 100G ONU uses.

SuggestedRemedy

Strike "OLT"

Response Response Status C

ACCEPT.

Technical comment, changed E > T

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

CI 143 SC 143.2.1.2.1 P60 L28 # 47
Remein, Duane Huawei Technologies

Comment Type E Comment Status A

We should avoid duplicate definitions for constants, variables, etc.

SuggestedRemedy

Replace definitions template for the following items with and appropriate cross ref of the form: "See 143.x.x.x". NO_ENV_CODE, EnvLeft[], LinkId[].

Response Response Status C

ACCEPT.

CI 143 SC 143.2.1.2.4 P62 L8 # 57
Remein, Duane Huawei Technologies

Comment Type T Comment Status A

Fig 143-3: This is the Receive Process not the Output process

SuggestedRemedy

Change title to MPRS Receive Process state diagram. Replace errant "else" with "UCT"

Response Response Status C

ACCEPT.

CI 144 SC 144.3.7 P72 L12 # 48
Remein, Duane Huawei Technologies

Comment Type E Comment Status A

There is no text in 144.1.2 to explain anything

SuggestedRemedy

Change ref to "{144.1.2}"

Response Response Status C

ACCEPT IN PRINCIPLE.

Change to {TBD, details to be included in 144.1.2}

CI 144 SC 144.3.7 P72 L14 # 49
Remein, Duane Huawei Technologies

Comment Type E Comment Status A

"31.4.1.3" (line 14) and Table 31A-1 (line 16) should be of style "External"

SuggestedRemedy

Change character style to External and remove hyperlinks.

Response Response Status C

ACCEPT.

CI 144 SC 144.3.7 P72 L23 # 50
Remein, Duane Huawei Technologies

Comment Type E Comment Status A

While I realize that this is a copy from CI 77 the following text seems out of place as the term "LLID" does not appear in the figure or the preceding para; "the appropriate LLID shall be generated by the RS"

SuggestedRemedy

Strike the out of place text.

Response Response Status C

ACCEPT IN PRINCIPLE.

Strike "Based on the MAC instance used to generate the specific MPCPDU, the appropriate LLID shall be generated by the RS."

CI 144 SC 144.3.7 P72 L44 # 54
Remein, Duane Huawei Technologies

Comment Type T Comment Status A

The "b0" & "b7" indications are confusing; what does "b7" mean in a 40 bit field?

SuggestedRemedy

Remove "b0" & "b7" from all MPCPDU frame illustrations.

Response Response Status C

ACCEPT IN PRINCIPLE.

This has never been confusing before. These are indications of the order of bit transmission within each octet.

Insert an editorial note under Figure 144-3 asking for contributions on the OCTET ordering during transmission of multi-octet fields.

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

CI 144 **SC 144.3.7.1** **P74** **L8** # **53**
Remein, Duane Huawei Technologies

Comment Type **T** **Comment Status** **A**
Table 144-1—Power budgets ??

SuggestedRemedy
Change title to "Channel Assignment flags"

Response **Response Status** **C**
ACCEPT.

CI 144 **SC 144.3.7.1** **P74** **L24** # **52**
Remein, Duane Huawei Technologies

Comment Type **E** **Comment Status** **A**
What is a "transmissions lot"? Are we used car salesmen now?

SuggestedRemedy
Change to "transmission slot"

Response **Response Status** **C**
ACCEPT.

CI 144 **SC 144.3.7.6** **P79** **L37** # **55**
Remein, Duane Huawei Technologies

Comment Type **T** **Comment Status** **A**
Table 144-3, reserved bits should not have values listed. (sorry)

SuggestedRemedy
Replace values cell for bit 0 with "Ignored on Reception"

Response **Response Status** **C**
ACCEPT IN PRINCIPLE.

Page is 79, not 80, fixed.

Implement change per comment.
Replace bit 4 with value of Reserved | Ignored on Reception
