

Proposed 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 D
Incorrect State name "CHECK_ENV_-"
SuggestedRemedy
Change to "CHECK_ENV_SIZE"
Proposed Response Response Status W
PROPOSED 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 D
"25 Gb/s and above" how far above? 220 Gb/e? 400 Gb/s?
SuggestedRemedy
Replace with "25, 50, or 100 Gb/s"
Proposed Response Response Status W
PROPOSED ACCEPT.

Cl 141 SC 141.1 P24 L51 # 61
Remein, Duane Huawei Technologies
Comment Type T Comment Status D
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". Could dus an "a" before "downstream-facing PMD also.
Proposed Response Response Status W
PROPOSED 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 D
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.
Proposed Response Response Status W
PROPOSED 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 D
Optical network Units
SuggestedRemedy
Optical Network Units
Proposed Response Response Status W
PROPOSED ACCEPT.

Cl 141 SC 141.1.3 P23 L39 # 60
Remein, Duane Huawei Technologies
Comment Type E Comment Status D
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"
Proposed Response Response Status W
PROPOSED ACCEPT.

Proposed 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 D
 Suggestion for "{PMD_X}" in two places
 SuggestedRemedy
 use PR-A-D
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 141 SC 141.3.1 P27 L30 # 64
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status D
 "64B/66B"? Maybe not
 SuggestedRemedy
 Change all instances to "{64B/66B}" indicating thi si still in debate.
 Proposed Response Response Status W
 PROPOSED 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 D
 "Clause 201 PMA sublayer" s/b CI 142.
 SuggestedRemedy
 Change to: "Clause 142 PMA sublayer" with live link to clause.
 Proposed Response Response Status W
 PROPOSED 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 D
 Elewhere 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"
 Proposed Response Response Status W
 PROPOSED 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 D
 "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.
 Proposed Response Response Status W
 PROPOSED 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 Claus 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}

Proposed 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 D

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).

Proposed Response Response Status W

PROPOSED 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 D

"Clause 203"?

SuggestedRemedy

Change to Clause 144, make link live

Proposed Response Response Status W

PROPOSED ACCEPT.

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

Comment Type E Comment Status D

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

SuggestedRemedy

Change to "C++"

Proposed Response Response Status W

PROPOSED 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 D

"See 49.2.7" should be marked as TBD.

SuggestedRemedy

Add "{Details are TBD}"

Proposed Response Response Status W

PROPOSED ACCEPT.

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

Comment Type T Comment Status D

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.

Proposed Response Response Status W

PROPOSED REJECT.

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

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

Comment Type T Comment Status D

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

SuggestedRemedy

Strike "OLT"

Proposed Response Response Status W

PROPOSED ACCEPT.

Technical comment, changed E > T

Proposed 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 D

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

Suggested Remedy

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

Proposed Response Response Status W

PROPOSED ACCEPT.

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

Comment Type T Comment Status D

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

Suggested Remedy

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

Proposed Response Response Status W

PROPOSED ACCEPT.

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

Comment Type E Comment Status D

There is no text in 144.1.2 to explain anything

Suggested Remedy

Change ref to "{144.1.2}"

Proposed Response Response Status W

PROPOSED 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 D

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

Suggested Remedy

Change character style to External and remove hyperlinks.

Proposed Response Response Status W

PROPOSED ACCEPT.

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

Comment Type E Comment Status D

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"

Suggested Remedy

Strike the out of place text.

Proposed Response Response Status W

PROPOSED REJECT.

Once the text is struck, the sentence becomes incomplete: "Based on the MAC instance used to generate the specific MPCPDU."

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

Comment Type T Comment Status D

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

Suggested Remedy

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

Proposed Response Response Status W

PROPOSED REJECT.

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

Proposed 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 D
Table 144-1—Power budgets ??
SuggestedRemedy
Change title to "Channel Assignment flags"
Proposed Response Response Status W
PROPOSED ACCEPT.

CI 144 SC 144.3.7.1 P74 L24 # 52
Remein, Duane Huawei Technologies
Comment Type E Comment Status D
What is a "transmissions lot"? Are we used car salesmen now?
SuggestedRemedy
Change to "transmission slot"
Proposed Response Response Status W
PROPOSED ACCEPT.

CI 144 SC 144.3.7.6 P79 L37 # 55
Remein, Duane Huawei Technologies
Comment Type T Comment Status D
Table 144-3, reserved bits should not have values listed. (sorry)
SuggestedRemedy
Replace values cell for bit 0 with "Ignored on Reception"
Proposed Response Response Status W
PROPOSED ACCEPT.
Page is 79, not 80, fixed.