

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

Cl 141 **SC 141.1.2** **P23** **L22** # **11**
Hajduczenia, Marek Charter Communicatio

Comment Type T **Comment Status A**
Low power budget (<=20dB) is not parr of current objectives

SuggestedRemedy
Remove first dashed list item, i.e., "Low power budget class supports ..."
Remove entry for low power budget from Table 141-1

Response **Response Status C**
ACCEPT.

Remove PR10 *only* !!! Low power budget is NOT mentioned in the objectives but the group agrees to remove it.

Motion #3

Power budget equivalent to PR10 (20dB) shall not be in scope for IEEE P802.3ca

Moved by: Marek Hajduczenia
Seconded by: Glen Kramer

In favor: 24
Against: 2
Abstain: 16

Technical motion (>=75%), motion passes

Cl 141 **SC 141.3.5.2** **P29** **L31** # **12**
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Comment Type E **Comment Status A**
Given that the architecture and reference points will most likely change, due to support for multiple wavelengths, an editorial note should be added

SuggestedRemedy
Insert editorial note to Figure 141-2: "To be updated once decision on referece points is made"

Response **Response Status C**
ACCEPT.

Cl 144 **SC 144.3.7.1** **P73** **L3** # **10**
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Comment Type T **Comment Status A**
No information on number of grants carried by GATE MPCPDU when granting transmission

SuggestedRemedy
Add the following text at the end of line 3: "Up to seven grants can be included in a single GATE MPCPDU. The number of grants can also be set to zero for using the GATE MPCPDU as an MPCP keep alive from the OLT to the ONU."

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

Use the following text: "Up to seven grants can be included in a single GATE MPCPDU. 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."

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Cl 144 SC 144.3.7.1 P73 L51 # 9
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Comment Type T Comment Status A

The GATE MPCPDU format (grant length/time) is a bit clearer in 802.3av versus what we have right now in the draft, specifically, the numbering of individual grants in 802.3av did not require additional external [Grant Item #n] designators

SuggestedRemedy

Implement the following editorial changes in Figure 144-4:

- remove square brackets with [Grant Item #n] text
- replace "LLID" with "LLID #n", where #n varies from 1 to 7 in each entry in the GATE MPCPDU
- replace "Grant Length" with "Grant #n Length", , where #n varies from 1 to 7 in each entry in the GATE MPCPDU
- replace the size of LLID #2 through LLID #7 from "3" to "0/3" to indicate it is optional character
- replace the size of Grant #2 Length through Grant #7 Length from "4" to "0/4" to indicate it is optional character

Response Response Status C

ACCEPT IN PRINCIPLE.

Implement the following editorial changes in Figure 144-4:

- remove square brackets with [Grant Item #n] text
- replace "LLID" with "LLID #n", where #n varies from 1 to 7 in each entry in the GATE MPCPDU
- replace "Grant Length" with "Grant #n Length", where #n varies from 1 to 7 in each entry in the GATE MPCPDU
- replace the size of LLID #2 through LLID #7 from "3" to "0/2" to indicate it is optional character (fixes also the size issue in draft D0.3)
- replace the size of Grant #2 Length through Grant #7 Length from "4" to "0/4" to indicate it is optional character

Also, remove the red comment in Figure 144-4. Move F field (Fragmentation Flag) to MSB position within each Grant Length field.

Cl 144 SC 144.3.7.1 P74 L4 # 8
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Comment Type T Comment Status A

Missing content for bullets b, c, d, e

SuggestedRemedy

Adopt description for individual bullets per hajduczenia_3ca_1_0517.pdf

Response Response Status C

ACCEPT IN PRINCIPLE.

Adopt description for individual bullets per hajduczenia_3ca_1a_0517.pdf

Cl 144 SC 144.3.7.2 P73 L1 # 7
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Comment Type TR Comment Status A

Missing description of REPORT MPCPDU, as agreed and included in http://www.ieee802.org/3/ca/public/meeting_archive/2016/09/kramer_3ca_1b_0916.pdf, page 7

SuggestedRemedy

Add structure of REPORT MPCPDU per http://www.ieee802.org/3/ca/public/meeting_archive/2016/09/kramer_3ca_1b_0916.pdf, page 7

Response Response Status C

ACCEPT.