

Approved Responses Specifications and Management Parameters for 25Gb/s, 50Gb/s, and 100Gb/s Passive Optical Networks 2r

Cl **FM** SC **FM** P**3** L**4** # **287**  
 Remein, Duane Huawei  
 Comment Type **T** Comment Status **D** bucket  
 We have agree to use "PQ" rather than "PR"  
 SuggestedRemedy  
 Globally replace "PR" with "PQ" (22x)  
 Proposed Response Response Status **W**  
 PROPOSED ACCEPT.

Cl **FM** SC **FM** P**10** L**35** # **288**  
 Remein, Duane Huawei  
 Comment Type **E** Comment Status **D** bucket  
 Capitalization; service interface, Service interface, or Service Interfaces? Pick one.  
 SuggestedRemedy  
 I recommend "service interface" except where it appears at the beginning of a sentence and pg 11 line 43.  
 Proposed Response Response Status **W**  
 PROPOSED ACCEPT IN PRINCIPLE.

Use "service interface" globally. No changes to FM (this is inherited from template). Also, remove all instances of "Instances of Service Interface:" blocks in Clause 144 - they are NOT needed and do not need to be peperred through the Clause when they are defined up front anyway.

Cl **1** SC **1.5** P**21** L**34** # **295**  
 Remein, Duane Huawei  
 Comment Type **T** Comment Status **D** bucket  
 Missing abbreviations (much as I dislike abbreviations we should at least be consistent)  
 SuggestedRemedy  
 Add in alpha order: "ECH envelope continuation header"  
 Proposed Response Response Status **W**  
 PROPOSED ACCEPT.

Cl **141** SC **141.1.3** P**28** L**34** # **257**  
 Lee, HH ETRI  
 Comment Type **ER** Comment Status **D** bucket  
 Period is missing.  
 SuggestedRemedy  
 add period after "over a single SMF"  
 Proposed Response Response Status **W**  
 PROPOSED REJECT.

This is NOT intended to be a complete sentence.

Cl **141** SC **141.1.3** P**28** L**36** # **258**  
 Lee, HH ETRI  
 Comment Type **ER** Comment Status **D** bucket  
 Period is missing.  
 SuggestedRemedy  
 add period after "over a single SMF"  
 Proposed Response Response Status **W**  
 PROPOSED REJECT.

This is NOT intended to be a complete sentence.

Cl **141** SC **141.1.3** P**28** L**42** # **256**  
 Lee, HH ETRI  
 Comment Type **ER** Comment Status **D** bucket  
 Remove the coma.  
 SuggestedRemedy  
 PR-S20: symmetric-rate, medium power budget.  
 Proposed Response Response Status **W**  
 PROPOSED REJECT.  
 Correct as is

Approved Responses

Specifications and Management Parameters for 25Gb/s, 50Gb/s, and 100Gb/s Passive Optical Networks 2r

Cl 141 SC 141.3.1.2 P33 L1 # 308  
 Remein, Duane Huawei  
 Comment Type E Comment Status D bucket  
 We have renamed these interfaces to PMD\_UNITDATA[i].request, PMD\_UNITDATA[i].indication, PMD\_SIGNAL[i].request, and PMD\_SIGNAL[i].indication. This should be reflected in the subclause titles in 141.3.1.2-141.3.1.5  
 SuggestedRemedy  
 Retitle sections to PMD\_UNITDATA[i].request, PMD\_UNITDATA[i].indication, PMD\_SIGNAL[i].request, and PMD\_SIGNAL[i].indication  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 141 SC 141.3.1.5 P33 L39 # 311  
 Remein, Duane Huawei  
 Comment Type E Comment Status D bucket  
 Signal name "SIGNAL\_- DETECT" breaks line (several times)  
 SuggestedRemedy  
 disable hyphenation on all signal names (Esc n s in frame).  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 141 SC 141.4 P35 L50 # 200  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type E Comment Status D bucket  
 No need to build one sentence paragraphs  
 SuggestedRemedy  
 Merge sentences in line 50 and 52 into a single paragraph.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 141 SC 141.4.1 P38 L37 # 188  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type E Comment Status D bucket  
 Stranded TBD  
 SuggestedRemedy  
 Remove {TBD} in line 38, page 38  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 141 SC 141.5.1 P36 L23 # 314  
 Remein, Duane Huawei  
 Comment Type T Comment Status D bucket  
 if we're talk of both 25G-EPON and 50G-EPON we should use Nx25G-EPON. Same issue in 141.6 pg 38 line 45  
 SuggestedRemedy  
 Change from "25G-EPON and 50G-EPON OLT PMDs" to "Nx25G-EPON OLT PMDs" in both locations  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 Type changed from E to T

Cl 141 SC 141.5.1 P37 L43 # 242  
 Lee, HH ETRI  
 Comment Type ER Comment Status D bucket  
 Remove the coma.  
 SuggestedRemedy  
 remove the coma in "Side-mode suppression ratio (SMSR) (min)"  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Approved Responses

Specifications and Management Parameters for 25Gb/s, 50Gb/s, and 100Gb/s Passive Optical Networks 2r

Cl 141 SC 141.7.1 P45 L3 # 319  
 Remein, Duane Huawei  
 Comment Type T Comment Status D bucket  
 The use of the parenthetical "(channel)" here is superfluous (and makes for good comment bait)  
 SuggestedRemedy  
 Strike  
 Proposed Response Response Status W  
 PROPOSED REJECT.  
 Comment type changed from E to T  
 Text has been in use for a long time and never a cause for concern.

Cl 142 SC 142.1 P54 L8 # 324  
 Remein, Duane Huawei  
 Comment Type E Comment Status D bucket  
 Replace {NG-EPON type}  
 SuggestedRemedy  
 change to: Nx25G-EPON  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 142 SC 142.1 P54 L8 # 193  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type T Comment Status D bucket  
 "used with {NG-EPON type} point-to-multipoint (P2MP) networks" - we need proper replacement after PMD naming discussion in May 2018  
 SuggestedRemedy  
 Change "used with {NG-EPON type} point-to-multipoint (P2MP) networks" to "used with Nx25G-EPON point-to-multipoint (P2MP) networks"  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 142 SC 142.2.2.1.1 P57 L5 # 331  
 Remein, Duane Huawei  
 Comment Type E Comment Status D bucket  
 What is a 25BGASE?  
 SuggestedRemedy  
 Change "25BGASE-PR" to "Nx25G-EPON"  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 142 SC 142.2.2.1.1 P57 L7 # 196  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type E Comment Status D bucket  
 HEX representation: a-f symbols are written now in lower caps or upper caps, with no consistency  
 SuggestedRemedy  
 Suggest to use all upper caps in hex numbers, less :0x" designator indicating hex value Base standard seems to be inconsistent in thus respect today  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 142 SC 142.2.2.1.2 P57 L13 # 197  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type T Comment Status D bucket  
 Multiple references to "25GBASE-PR"  
 SuggestedRemedy  
 Change globally to "25GBASE-PQ" since PQ is the proper designator for new 256/257 bit coding, less all occurrences of "25GBASE-PR PCS"  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Approved Responses specifications and Management Parameters for 25Gb/s, 50Gb/s, and 100Gb/s Passive Optical Networks 2r

Cl 142 SC 142.2.2.2 P57 L40 # 203  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type E Comment Status D bucket  
 Empty sections  
 SuggestedRemedy  
 Add {TBD} statements to the following sections: 142.2.2.2, 142.2.2.3, 142.2.2.4, 142.2.2.5  
 Proposed Response Response Status W  
 PROPOSED ACCEPT IN PRINCIPLE.  
 See comment #336, #337, #338

Cl 142 SC 142.2.2.4 P57 L44 # 338  
 Remein, Duane Huawei  
 Comment Type E Comment Status D bucket  
 Remove 142.2.2.4 FEC Encoding and 142.2.2.5 Gearbox as these are duplicates of 142.2.2.9 & 142.2.2.10  
 SuggestedRemedy  
 Per comment  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 142 SC 142.2.2.6.1 P58 L35 # 340  
 Remein, Duane Huawei  
 Comment Type T Comment Status D bucket  
 There are numerous references to "Transmit Process" in the draft, some refer to MPRS others to PCS. We should be specific.  
 SuggestedRemedy  
 "PCS Input Process" at: 58 line 35 is correct. Use "MPRS Input Process" everywhere else.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 Comemnt type changed from E to T

Cl 142 SC 142.2.2.6.2 P60 L18 # 343  
 Remein, Duane Huawei  
 Comment Type E Comment Status D bucket  
 There are numerous references to "Input Process" in the draft, some refer to MPRS others to PCS. We should be specific.  
 SuggestedRemedy  
 Use "PCS Input Process" at: pg/line, 60/18 and "MPRS Input Process" everywhere else (as is done at pg 102 line 4).  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 Changed type from E to T

Cl 142 SC 142.2.2.7 P62 L43 # 347  
 Remein, Duane Huawei  
 Comment Type E Comment Status D bucket  
 Strike 142.2.2.7 Data detector {TBD}, 142.2.2.7.1 Burst Mode operation (ONU only) {TBD}, and 142.2.2.8 Scrambler See 49.2.6.  
 SuggestedRemedy  
 Per comment  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 142 SC 142.2.2.9 P64 L1 # 204  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type ER Comment Status D bucket  
 FEC encoding for the transmit function is already covered in 142.2.2.4  
 SuggestedRemedy  
 Move content from 142.2.2.9 to 142.2.2.4 and updated cross references accordingly.  
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 PROPOSED ACCEPT.

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Cl 142 SC 142.3 P78 L20 # 355  
 Remein, Duane Huawei  
 Comment Type E Comment Status D bucket  
 This is the Nc25G-EPON PMA  
 SuggestedRemedy  
 Replace {NG-EPON type} with Nx25G-EPON  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 142 SC 142.3 P78 L21 # 206  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type T Comment Status D bucket  
 Title needs an update  
 SuggestedRemedy  
 Change to "Nx25G-EPON PMA"  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 143 SC 143.4.3.6.1 P102 L8 # 372  
 Remein, Duane Huawei  
 Comment Type E Comment Status D 143 rewrite, bucket  
 a envelope s/b an envelope  
 SuggestedRemedy  
 per comment  
 Proposed Response Response Status W  
 PROPOSED ACCEPT IN PRINCIPLE.  
 See comment #356

Cl 143 SC 143.4.4 P104 L33 # 373  
 Remein, Duane Huawei  
 Comment Type E Comment Status D 143 rewrite, bucket  
 There are numerous references to "Receive Process" in the draft, we are likely to adopt a receive process for the PCS also. We should be specific.  
 SuggestedRemedy  
 Use "MPRS Receive Process" everywhere in D1.1.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT IN PRINCIPLE.

See comment #356  
 Cl 144 SC 144.3.3.5 P121 L36 # 180  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type E Comment Status D bucket  
 Message definitions are not sorted correctly  
 SuggestedRemedy  
 Use the following sort order:  
 MAC:MADI  
 MAC:MADR  
 MCC:MACI  
 MCC:MACR  
 Within each group, sort alphanumerically by the next character after "("  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

Cl 144 SC 144.3.5 P134 L15 # 208  
 Hajduczenia, Marek Charter Communicatio  
 Comment Type E Comment Status D bucket  
 "pending envelopes" uses wrong capitalization  
 SuggestedRemedy  
 Change to "Pending Envelopes" + fix reference to read 144.3.7.3  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.

CI 144 SC 144.3.5.5 P136 L10 # 183  
Hajduczenia, Marek Charter Communicatio

Comment Type E Comment Status D bucket

In state diagrams that are being added, we consistently use state names where individual compound words are combined using "\_". In older state diagrams, we use names with compound words using " " (space) to combine them together. The use of space is confusing, especially when names of states are referenced anywhere

*SuggestedRemedy*

Align with the new state name methodology, i.e., use "\_" as combiner for state names where more than one word exists. In here, change "WAIT FOR GATE" to "WAIT\_FOR\_GATE". Scrub the whole draft

Proposed Response Response Status W

PROPOSED ACCEPT.