

comments

CI 91 SC 91.1 P 123 L 21 # 4
Lynskey, Eric Teknovus

Comment Type T Comment Status D

In Table 91-1 and Table 91-2 footnote B, it mentions that two types of FEC are supported. The Task Force has not made this decision, and as of now, only a single FEC, RS(255, 223), has been voted on.

SuggestedRemedy

Remove the second sentence of footnote B for both tables.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 92 SC 92.1 P 299 L 1 # 1
Lynskey, Eric Teknovus

Comment Type E Comment Status D

Every line of text does not have a line number. In addition, each page has two lines marked as line number 24.

SuggestedRemedy

Fix line numbering to match that of Clause 64 and 91.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 92 SC 92.1.2.3.2.1 P 303 L 6 # 2
Lynskey, Eric Teknovus

Comment Type T Comment Status D

The /S/ code-group may only be transmitted in lane 0.

SuggestedRemedy

Replace paragraph with the following. "When using the XGMII, the Start control character will be transmitted in lane 0, and thus the SLD will appear in lane 3 in the same column that contains the start control character."

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 92 SC 92.1.2.3.3.1 P 303 L 16 # 3
Lynskey, Eric Teknovus

Comment Type T Comment Status D

The SLD should only be received in lane 3 of the same column that contains the start control character.

SuggestedRemedy

Replace paragraph with, "When using the XGMII, the start control character will be received in lane 0, and the SLD will be received in lane 3 of the same column that contains the start control character."

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 92 SC 92.2.2.1 P 308 L 3 # 8
Effenberger, Frank Huawei Technologies,

Comment Type TR Comment Status D

The paragraph mentions the synchronization pattern as "1010..." and the SOD as a "Barker link sequence." The former is inaccurate in comparison with the baseline (which used 0101...), and the later is non-specific, since we definitely need to specify the SOD.

SuggestedRemedy

We recommend changing the synchronization pattern to "0101..."

Also, we recommend specifying the SOD to be the pattern "0x 1 16A2 DC69 F0CD EE40" This pattern, which is different from the example given in the baseline, has a hamming distance of 32 from all shifts of itself and the synchronization pattern 0101..., which seems to be the best possible distance for a 66 bit pattern. It has a max run length of 6, and is has a balance of 32/34 bits of 1/0.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Change para to "use 0101 "

comments

CI 92 SC 92.2.2.2.1 P 309 L 13 # 7
Effenberger, Frank Huawei Technologies,

Comment Type TR Comment Status D

The constant "BURST_DELIMITER" is defined, but this is substantially the same as the "Start of Data" concept. Also, the definition is incomplete.

SuggestedRemedy

We should change all occurrences of "BURST_DELIMITER" to "SOD", or alternatively we change "SOD" to "BURST_DELIMITER". One way or the other, I don't care.

Change definition to read:

BURST_DELIMITER

TYPE: 66 bit unsigned

A 66-bit value used to find the beginning of the first FEC codeword in the upstream burst

Default: 0x 1 16A2 DC69 F0CD EE40

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will Globaly replace "BURST_DELIMITER" to "SOD"

Change definition to read:

SOD

TYPE: 66 bit unsigned

A 66-bit value used to find the beginning of the first FEC codeword in the upstream burst

Default: 0x 1 16A2 DC69 F0CD EE40