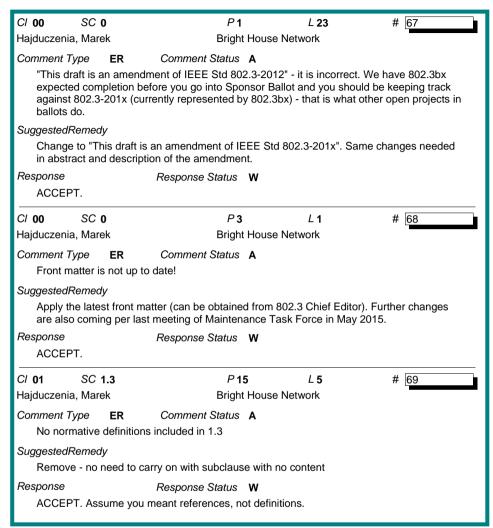
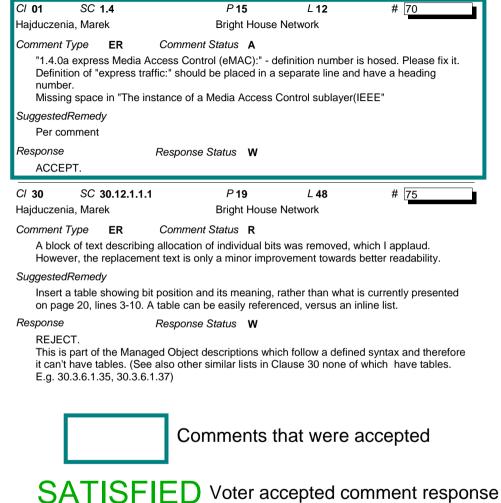
Unsatisfied comments from 1st recirculation ballot

1st WG recirc

IEEE P802.3br/D2.1 IET 1st Working Group recirculation ballot comments

2015-July





C/ 30 SC 30.12.2.1.37 P 20 L 46 # 77 Hajduczenia, Marek Bright House Network Comment Type TR Comment Status A As indicated in the previous comment cycle, the current description "A 2-bit integer value used to indicate, in units of 64 octets, the minimum number of octets over 64 octets required in non-final fragments by the receiver on the given port associated with the local system." is probably understood by the Editor and a few people in the room. SuggestedRemedy Suggest to reword to: "This 2-bit integer value indicates the minimum size of any non-final frame fragments supported by the receiver on the given port associated with the local System. This value is expressed in units of 64 octets, with the value of 0 representing the minimum fragment size of 64 octets." Similar change to be applied to aLldpXdot3RemAddFragSize (30.12.3.1.31) Response Response Status W ACCEPT IN PRINCIPLE A 2-bit integer value used to indicate the minimum size of non-final fragments supported by the receiver on the given port associated with the local System. This value is expressed in units of 64 octets of additional fragment length. I.e., the minimum non-final fragment size is (aLldpXdot3LocAddFragSize + 1) x 64 octets. C/ 30 SC 30.14.1.3 P 22 L 51 # 78 Haiduczenia. Marek **Bright House Network** Comment Type TR Comment Status A "This attribute maps to the variable pEnable (see 99.4.7.3)" - as far as I can tell, pEnable has two states (TRUE / FALSE) and not UNKNOWN (not set). Which of the variable states does "unknown" map? Furthermore, pEnable seems to be reflecting the state of aMACMergeEnableTx attribute. at which time it is not clear what value it will have when the attibute is in "unknown" value.

SuggestedRemedy

Please clarify how "unknown" value is mapper into pEnable and what effect it has on the operation of the respective state diagrams. It *seems* it might be easier to just remove "unknown" and assume preemption is disabled by default until it is explicitly enabled for the given link

Similar observation applies to aMACMergeVerifyDisableTx, aMACMergeStatusTx, and others that map into boolean variables used later on in state diagrams

Response Status W

ACCEPT IN PRINCIPLE. Also make the same change to 30.14.1.4 aMACMergeVerifyDisableTx since it also sets a variable.

Cl 79 SC 79.3.7.2 P 27 L 20 # 91 Haiduczenia, Marek Bright House Network Comment Type ER Comment Status A "Reserved for future standardization" was cleaned up per 802.3bx. SuggestedRemedy Change "Reserved for future standardization" to "Reserved" Similarly, in 79.5.11, change "bits reserved for future standardization" to "Reserved bits" Response Response Status W ACCEPT. C/ 90 SC 90.0.1 P 30 L 3 **Bright House Network** Haiduczenia, Marek Comment Type ER Comment Status A Wrong subclause number SuggestedRemedy Change "90.0.1" to "90.4.1" and make sure all following subclauses of levels 4 and 5 are numbered correctly. Response Response Status W ACCEPT. C/ 90 SC 90.5.1 P 31 L 12 Hajduczenia, Marek **Bright House Network** Comment Type Comment Status A Wrong editorial markup for text in lines 12-17: this text is all new and should be all underlined. SuggestedRemedy Per comment. Response Response Status W ACCEPT.

C/ 99

SC 99.1

13

C/ 90 SC 90.5.2 P 31 L 23 Haiduczenia, Marek Bright House Network Comment Type ER Comment Status A Wrong editorial markup: "When the MAC Merge sublayer is not instantiated, the TS SFD Detect RX function and" SuggestedRemedy Remove underline from text "the TS SFD Detect RX function " - this text already exists in 90.5.2 Response Response Status W ACCEPT.

P 32

L 9

96

Haiduczenia. Marek Bright House Network

Comment Type ER Comment Status A

SC 90.8.1

Plenty of incorrect changes to PICS Support column in 90.8.1

SuggestedRemedy

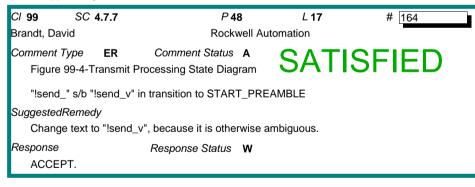
C/ 90

Remove "No []" in TS_TX, TS_RX, TS_T2, TS_T3, TS_R2, TS_R3 - these are mandatory items and not supporting them is NOT an option.

The new item MM is marked up correctly.

Response Status W

ACCEPT IN PRINCIPLE. Since they are conditionally mandatory - either mandatory when MM is not supported or when MM is supported, the Support column should have Y [] and N/A []. Change No to N/A in TS_TX, TS_RX, TS_T2, TS_T3, TS_R2, TS_R3.



Anslow, Pete Ciena

Comment Type ER Comment Status A

Comment i-31 against the revision project 802.3bx D3.0 has modified the layer diagrams in clauses for 10G and above since they are all full duplex.

The suggested remedy follows the changes made in response to comment i-31 to bring Figure 99-1 into line with the layer diagrams in Sections 4, 5, and 6

SuggestedRemedy

At the top of Figure 99-1 change "LAN LAYERS" to "ETHERNET LAYERS" (still on two lines).

In the title of Figure 99-1, change "the IEEE 802.3 Ethernet LAN model" to "the IEEE 802.3 Ethernet model"

Response Response Status W

ACCEPT.

P 33

L 1

 CI 99
 SC 99.1
 P 33
 L 21
 # 99

 Hajduczenia, Marek
 Bright House Network

Comment Type ER Comment Status A

These two sentences just read wrong: "This clause also specifies a MAC Merge Service Interface (MMSI) providing a primitive that holds and resumes transmission of preemptable packets. The MMSI enables beginning preemption of a packet before express traffic is expected to minimize the latency for express traffic." - it is not clear what "hold a transmission" means and then the second sentence seems imply express traffic is expected to minimize latency ...

SuggestedRemedy

Change the text to read "This clause also specifies a MAC Merge Service Interface (MMSI) providing a primitive that suspends or resumes transmission of preemptable traffic, minimizing the latency for express traffic."

Response Status W

ACCEPT IN PRINCIPLE.

We had comments last time that asked us to consistently use "hold" when transmission of preemptable packets was suspended instead of using synonyms for hold. We resolved those comments by agreeing to always use hold.

Change "suspend" in the proposed resolution to "hold"

110

Cl 99 SC 99.1 P 33 L 27 # 98

Hajduczenia, Marek Bright House Network

Comment Type ER Comment Status A

The text in lines 27 - 38 belongs to definition of individual primitives and not the text of the introduction to the clause.

SuggestedRemedy

MOve text in lines 27 - 38 to subclause describing MMSI (likely location 99.2.1 at the very end of subclause).

Response Status W

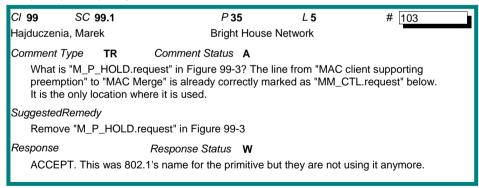
ACCEPT IN PRINCIPLE. This text is a general introduction to what the MAC Merge sublayer does. One paragraph covers operation when preemption capability is active and the other when it is inactive. However, it would be better to reduce the amount of detail on the MMSI service interface here.

The behavior of the primitives are fully defined in 99.2 and this text is not needed there.

Replace the first paragraph with:

When preemption capability is active, the MAC Merge sublayer allows frames provided over the express MAC service interface (express traffic) or the MMSI service primitives to interrupt transmission of preemptable frames provided over the preemptable MAC service interface (preemptable traffic).

At the start of the next paragraph, "When preemption is" will be replaced by "When preemption capability is".



C/ 99 SC 99.1.2 P 36 L 39 # 108 Haiduczenia, Marek Bright House Network Comment Type ER Comment Status A There are two different Figure 99-2 instances in the document. SuggestedRemedy Update figure numbering to auto-numbering and update all cross references in the document. Response Response Status W ACCEPT.

P 38

L 33

Hajduczenia, Marek Bright House Network

Comment Type ER Comment Status R

SC 99.3.1

"fragment counter octet (frag_count) following the SMD." - Figure 99-3 shows "FRAG_COUNT" and not "frag_count"

SuggestedRemedy

C/ 99

Change to "fragment counter octet (FRAG_COUNT) following the SMD."

Similar change is needed in 99.3.4, where lower case version is used and not consistent with Figure 99-3.

Also, change needed in Table 99-2, where "Frag count" is used

Response Status W

REJECT. It is captialized in the figure because the convention in similar 802.3 figures is to use upper case for these labels, not because that is the usual case for the field title.

See Figure 3-1 for example where Preamble, Destination Address, etc are all upper case in the figure but not in text.

 CI 99
 SC 99.3.5
 P 39
 L 50
 # 116

 Hajduczenia, Marek
 Bright House Network

Comment Type TR Comment Status R

"The minimum size of the mData field is 60 octets." - it is not clear how it plays with the minimum fragment size of 64 bytes, which is defined in attributes defined in Clasue 30 objects.

SuggestedRemedy

The minimum fragment size as defined in aLldpXdot3LocAddFragSize with this statement. What is the size of the fragment then? The size of mData field or something else altogether? it is not defined anywhere right now.

Response Status W

REJECT. The minimum mData field size is 60 octets because 60 octets plus an mCRC yields a 64 octet minimum fragment.

This is the minimum size - when aLldpXdot3LocAddFragSize is non-zero, this minimum doesn't occur in non-final fragments of a preempted packet but it still occurs in final fragments (and unpreempted minimum size packets).

The minimum size of an mpacket is defined by the minimum size of the mData field plus the packet format. The mData field is the only part that has a variable size. No other information is needed.

