C/ 45	SC 45.2.1.149	P 49	L 40	# 3622	C/ 45	SC 45.2.1.4	P 34	L 38	# 3647
Hajduczeni	a, Marek	Bright House I	Networks		Hajduczer	nia, Marek	Bright House	Networks	
Comment		Comment Status R			Comment		Comment Status R		EZ
	broken by tables.						gned under 802.3bx D3.0 x/comments/P8023-D3p0		
Suggested	-	rol on tables and text to ma	ka sura that taxt	is not broken by tables	Suggeste	dRemedy		_	
Response	•	Response Status U		is not broken by tables.	Chan	ge "Reserved for futur	e speeds" to "Reserved"		
REJE					Response	e 1	Response Status U		
has ob	jected to in previous ditors work. SC 45.2.7a.5.2	Ises excessive white space comments rounds. In publi <i>P</i> 62 Bright House I	shed standard th		for ful 3.2 of tables	comment response for ture use" to "reserved" 5802.3bx still includes	referenced i-51 only state and does not include cha Reserved for future spee cope of 802.3bn. Perhaps	anging "Reserved eds" in this table r	for future speeds" Draft row as do several other
Comment		Comment Status A			C/ 45	SC 45.2.1.14a.1	P 37	L 25	# 3649
It is no	t clear how the value	stored in bits 12.10240.2:0) is then translate	ed into register range	Hajduczer	nia, Marek	Bright House	Networks	
12.102	241 through 12.12287	7.			Comment	t Type ER	Comment Status R		Ež
	is also inconsistency Il always read as a o	between footnote b) and to ne."	ext "In the CLT t	hese bits are read only	scope		17.1 indicates that the PN MA/PMD" is clear enough mbiguous		
Suggested	Remedy				Suggeste	dRemedy			
which 12.102	registers 12.10241 th 240.2:0 are only valid	alue stored in bits 12.10240 nrough 12.12287 hold the M for 10GPASS-XR-D PMA PMD and return a zero on	IER measureme /PMD. Bits 12.1	nt value. Bits	this ca opera	ase, change "When re	R" before each "PMA/PM ad as a one, bit 1.17.1 inc as a one, bit 1.17.1 indica	licates that the PI	MA/PMD is able to
	ve footnote b)		0.0.0	the sector of	Response	e /	Response Status U		
2 1 0 0 0 1 = 0 1 0 = 0 1 1 = 1 0 0 = 1 0 1 =	the following text in d = OFDM channel num = OFDM channel num = OFDM channel num = OFDM channel num = OFDM channel num /alues are reserved	nber 2 nber 3 nber 4	U.2:U under exis	ung text:	read v "Whe 10GP A quid	instance the useage i via MDIO not a specif n read as a one, bit 1. ASS-XR-D PMA/PMI	s correct as is since the fi ic type of PMA/PMD and 17.1 indicates that the PM D type." ance of PMA/PMD indica	is consistent with IA/PMD is able to	n the rest of Clause 45: o operate as a
Response		Response Status U							
	PT IN PRINCIPLE.								

Comment ID 3649

IEEE 802.3bn EPON Protocol over Coax (EPoC) TF Initial Working Group ballot comments

Unresolved

C/ 45 SC 45.2.1.132.4 P 39 L 43 # 3663 Hajduczenia, Marek Bright House Networks Brig	C/ 101 SC 101.4.3.10.1 P 220 L 22 # 3670 Hajduczenia, Marek Bright House Networks
Comment Type ER Comment Status R	Comment Type TR Comment Status R Soc
"These bits are a reflection of the variable" - I would suggest to follow the recently received comment on D1.5 of 802.3bp	USNcp definition indicates it is a 4 bit value, yet only 3 bits are really used. What is the point of reserving additional MSB here?
(http://www.ieee802.org/3/bp/comments/8023bp_D15_approved.pdf, comment 24) and change "These bits" to "Bits 1.1901.6:4"	SuggestedRemedy
SuggestedRemedy Apply the same type of changes everywhere where "these bits", "the bits", "this bit" is still in use in Clause 45 to make these references explcit Response Response Status REJECT. The bits are clearly identified in the beginning sentence of the paragraph "Bits 1.1901.11:7 indicate". "These bits" later in the paragraph clearly refers to the same bits.	Given that these are *state diagram* variables, and not registers, we should not really care about how many bits these have. It would be much more consistent to define it as an 8-bit unsigned integer and then apply individual values as follows: 7 = 768 samples 6 = 640 samples 5 = reserved 4 = 512 samples 3 = reserved 2 = 384 samples 1 = reserved 0 = 256 samples Bit assignment here does not matter at all, and allows you to add future values as needed, without playing around with bits and reserved values. I understand this is the way it is done in DOCSIS, but it is unnecessary and adds complexity in definitions of variables in state diagrams. There are also other variables defined in the very same way without any need.
	Response Response Status U
	REJECT. The four bit values allows future expansion if needed. Clearly an enumeration is just as clear as mapping values. Commonallity with DOCSIS may add some small value. The objective is not to make it easy to generate the standard but easy to implement. Furthermore changing this to an 8 bit integer would break the register mapping in CI 45 forcing the MANUAL renumbering of all registers after 1907 and posibly introducing errors in the standard in the process.
	Passed by voice without opposition For (reject): Against (change variable name):

Abstain:

Comment ID 3670

C/ 45 SC 45.2.1.142 P 46 L 37 # 3681 Hajduczenia, Marek Bright House Networks Bright	C/ 45 SC 45.2.7a.2.1 P 59 L 35 # 3700 Hajduczenia, Marek Bright House Networks				
Comment Type TR Comment Status A	Comment Type TR Comment Status R				
Table 45–98l reserves a whole register 1.1920 without any need.	"See the variable definition for interpretation of individual bits" - this is not the correct way to				
SuggestedRemedy	approach it - definitions of reisters should be self-standin and not rely on cross-reference elsewhere. Details of where and why individual values are set are not important in Clause 45.				
Remove 1.1920 definition, renumber all existing register numbers following 1.1919 by one.					
Response Response Status U	SuggestedRemedy				
	Remove "See the variable definition for interpretation of individual bits" in 45.2.7a.2.1, 45.2.7a.2.2, 45.2.7a.2.3, and 45.2.7a.2.4				
ACCEPT IN PRINCIPLE.	Add the following definition in Table 45-211c, in Description for 12.1.15:12, under "Modulation				
Add	profile for subcarrier 7"				
"45.2.1.142.3 Reserved (1.1920.15:0)	15 14 13 12				
Bits 1.1920.15:0 are reserved in the event the MAC address is expanded to 64 bits in the	1 1 1 1 = Excluded subcarrier				
future."	1 1 1 0 = 16384-QAM 1 1 0 1 = 8192-QAM				
At line 33 in table 45–98l change	1 1 0 0 = 4096-QAM				
"MAC address bits 48:32 of" to	1 0 1 1 = 2048-QAM				
"MAC address bits 47:32 of"	1 0 1 0 = 1024-QAM				
	1 0 0 1 = 512-QAM 1 0 0 0 = 256-QAM				
	0.1 + 128-QAM				
	0 1 1 0 = 64-QAM				
	0 1 0 1 = 32-QAM				
	0 1 0 0 = 16-QAM 0 0 1 1 = 8-QAM				
	0.010 = QPSK				
	0 0 0 1 = BPSK				
	0 0 0 0 = null				
	Repeat bit assignment in 12.1.11:8, 12.1.7:4, and 12.1.3:0 in the same fashion. Similar chanes in 45.2.7a.3 and subclauses.				
	Response Response Status U				
	REJECT.				
	The Task Force removed the enum so as not to duplice this information which may lead to inconsistencies and ambiguity.				
	On the contrary CL45 is optional in its entirety. All pormative information is contained in the				

On the contrary CI 45 is optional in its entirety. All normative information is contained in the variable definition.

Droft 2.0

IFFF 002 2hm FDON Drot \sim (EDoC) TE Initial Marking ommonte

Uprocoluod

C/ 103 SC 103.2.2.1	P 304 L 47	# 3723	C/ 103	SC 103.2.1	P 301	L 49	# 3749
łajduczenia, Marek	Bright House Networks		Hajduczenia	, Marek	Bright House	Networks	
"This constant is defined in 64.2 that is all you neeed - do not co	nment Status R 2.2.1 and is 16 ns." - if you already poir py value	nt to definition elsewhere,	EPON."	nciples of Multipoint N - either you define Cl	omment Status R IAC Control is the same ause 103 as delta from ause 77 as little as pose	Clause 77 for EP	oC, or you define it as
SuggestedRemedy					ause // as intie as poss	Sidle. Now it is her	lner
without reference. The first app Similar change to definitions of newRTT, m_sdu_rx, m_sdu_tx,	fined in 64.2.2.1." or just copy whole de roach is preferred. : localTime, data_rx, data_tx, grantStar OctetsRequired, and others in Clause back to Clause 64/77. A reference is s	t, IdleGapCount, 103, where you both	77 (and 77 (then to Claus	in TF and decide whe then content in 103.2. a lot of text is not nee e 77)	ether Clause 103 is supp 1 needs to replicated fro eded, e.g., 103.1.4, 103	om Clause 77) or 1.5, etc. could be	just a delta from Clause removed with pointers
Response Resp	ponse Status U				e second approach (del pproach creates cleaner		
REJECT.					nges specific to EPoC a		
	de the reader with additional informatio s reference, especially one to another s		Response	Re	sponse Status U		
(something the commenter has	pointed out is objectionable). The lang		REJEC [®]				
non-normative as the reference	d definiton is normative.				that Cl 103 is a delta cla the delta approach woul		
C/ 103 SC 103.1	P 296 L 27	# 3746	by the T	r and it was decided	ine della approach wou	u be best (an yes	
Hajduczenia, Marek	Bright House Networks						
Comment Type TR Con	nment Status R						
complementary to those define EPoC. These are listed in Table EPON, but unique to EPoC - gi	nber of variables, constants and function d for EPON Multipoint MAC Control bute e 103-1." speaks of variables and funct iven that Clause 103 is defined as stand ittle sense to list such variables / function	ut that are unique to tions complementary to dalone and relies only m					
SuggestedRemedy							
	ble 103-1 - there is nothing it adds to un susion by speaking of complementary b						
Response Resp	ponse Status U						
	tatement and Table 103-1 will be benific ences between the existing MAC contro						

Comment ID 3749

IEEE 802.3bn EPON Protocol over Coax (EPoC) TF Initial Working Group ballot comments

Unresolved

103 SC 103.2.2.3	P 306	L 21	# 3754	C/ 103	SC 103.3.3.1	P 317	L 26	# 3764	
Hajduczenia, Marek Bright House Networks		Hajduczenia	a, Marek	Bright House	Networks				
omment Type TR C	Comment Status R			Comment	Type TR	Comment Status R		rfOn/OffTime, Soc	
Very cofnusing definition of packet_initiate_delay variable - first we provide its definition and then say it is defined elsewhere - which is it then ?				"This v Clause		time required to terminate the	RF and is includ	ded for consistency with	
uggestedRemedy						n? Something is passed throu as to be reused, it was modifie			
Decide whether the variable					moved anyway.	as to be reused, it was mount	eu alleauy, since	discoveryinionnation	
remove any references to 77.2.2.3) or it is defined through reference to 77.2.2.3 (and then local definition is not needed)					Remedy				
Response Response Status U REJECT.				Remov	/e rfOffTime, rfO	nTime definitions in 103.3.3.1	(not needed) ar	nd remove it from all	
						ot needed at all). why "syncTime" is being used	if it is zero for E	PoC just assign zoro	
The intent here is to make the						ate a variable and then assign			
wording used here is specific from Cl 77. However, the co	5	0	0 1	Response		Response Status U			
to constantly shift back and f	forth between different cla	uses, especially	when they are in	REJEC					
different Sections of the Star a ref back to the def in Cl 64				rfOffTime occurrs 25 times and rfOffTime occurrs 25 times in the draft. In addition there are					
				the phrases "RF On Time" and "RF Off Time". syncTime occurs 6 times. It is felt by the TF that maintaining consistency with CI 77 SD's out weights the need to simplify the SD's in the Draft.					
in Cl 103. Should the TF wish to reconsider this strategy this change would be in order Also see Cmt# 3746			The TF may wish to reconsider this position.						
		g) e							
	·	g,				consider this position.	L 4	# 3765	
Also see Cmt# 3746 Passed by voice without opp For (reject):	position	,		The TF	T may wish to rec	consider this position.	L 4	•	
Also see Cmt# 3746 Passed by voice without opp	position	,		The TF C/ 103	SC 103.3.3.5 SA Marek	onsider this position.	L 4	•	
Also see Cmt# 3746 Passed by voice without opp For (reject): Against (change variable nar	position	,		The TF C/ 103 Hajduczenia Comment 7 "sync_1	SC 103.3.3.5 SC 103.3.3.5 a, Marek <i>Type</i> TR time: The time in	P 319 Bright House Comment Status R terval required to stabilize the	L 4 Networks receiver at the C	# <u>3765</u> <i>rfOn/OffTime, Soc</i> CLT." - but before it was	
Also see Cmt# 3746 Passed by voice without opp For (reject): Against (change variable nar	position	,		The TF C/ 103 Hajduczenia Comment T "sync_1 stated	SC 103.3.3.5 a, Marek <i>Type</i> TR time: The time in that sync_time is	P 319 Bright House Comment Status R	L 4 Networks receiver at the C	# <u>3765</u> <i>rfOn/OffTime, Soc</i> CLT." - but before it was	
Also see Cmt# 3746 Passed by voice without opp For (reject): Against (change variable nar	position	,		The TF C/ 103 Hajduczenia Comment 7 "sync_1 stated 1 means)	SC 103.3.3.5 a, Marek <i>Type</i> TR time: The time in that sync_time is)	P 319 Bright House Comment Status R terval required to stabilize the	L 4 Networks receiver at the C	# <u>3765</u> <i>rfOn/OffTime, Soc</i> CLT." - but before it was	
Also see Cmt# 3746 Passed by voice without opp For (reject): Against (change variable nar	position	,		The TF Cl 103 Hajduczenia Comment 7 "sync_1 stated 7 means) Suggested	SC 103.3.3.5 SC 103.3.3.5 a, Marek <i>Type</i> TR time: The time in that sync_time is) Remedy	consider this position. P 319 Bright House Comment Status R terval required to stabilize the not needed (and defined only	L 4 Networks receiver at the C for compatibility	# <u>3765</u> <i>rfOn/OffTime,</i> Soc CLT." - but before it was y with EPON, whatever it	
Also see Cmt# 3746 Passed by voice without opp For (reject): Against (change variable nar	position	,		The TF C/ 103 Hajduczenia Comment 7 "sync_1 stated means) Suggested Remov	SC 103.3.3.5 SC 103.3.3.5 a, Marek Type TR time: The time in that sync_time is) Remedy re sync_time par- discovery_length	P 319 Bright House Comment Status R terval required to stabilize the	L 4 Networks receiver at the C for compatibility request(DA, GA	# <u>3765</u> <i>rfOn/OffTime, Soc</i> CLT." - but before it was y with EPON, whatever it TE, discovery, start,	
Also see Cmt# 3746 Passed by voice without opp For (reject): Against (change variable nar	position	,		The TF C/ 103 Hajduczenia Comment T stated means Suggested Remov length,	SC 103.3.3.5 SC 103.3.3.5 a, Marek Type TR time: The time in that sync_time is) Remedy re sync_time par- discovery_length	P 319 Bright House Comment Status R terval required to stabilize the not needed (and defined only ameter from MA_CONTROL.	L 4 Networks receiver at the C for compatibility request(DA, GA	# <u>3765</u> <i>rfOn/OffTime, Soc</i> CLT." - but before it was y with EPON, whatever it TE, discovery, start,	

Comment ID 3765

Draft 2.0	C) TF Initial	Unresolved								
C/ 103 SC 103.3.3.5 Hajduczenia, Marek	<i>P</i> 319 Bright House N	L 27 etworks	# 3766	C/ 01 Ran, Adee	SC 1.4	P 26 Intel	L 15	# 4030		
Comment Type TR Comment Status R rfOn/OffTime, Soc But before it was stated that rfOnTime / rfOffTime do not have really any meaning in EPoC. SuggestedRemedy Remove rfOnTime / rfOffTime from primitives MA_CONTROL.request(DA,REGISTER_REQ,status,rfOnTime,rfOffTime) and MA_CONTROL.indication(REGISTER_REQ, status, flags, pending_grants, RTT, rfOnTime,					Comment Type TR Comment Status R Def of Chan I was not aware until now that the term "channel" had such a limited definition in 802.3. This term is used in many places in 802.3 and also has a meaning in communictation engineering that is beyond the definition used here. Def of Chan These definitions also go into the IEEE standards dictionary so should be precise and unambiguous. Unfortunately clause 11 can only be changed through maintenance. Def of Chan					
	ITROL.request(DA, REGISTE well as from respective MPCF Response Status U P 128		pending_grants, # 3797	This is also confusing since "OFDM channel" is also defined and it seems that in some (e.g. in 100.2.6.1) "channel" may refer to an OFDM channel. Also in use is "6 MHz char which is sometimes "6 MHz band". This inconsistency could result in a lot of more spec comments. Please use a more specific term in this project instead of re-using this way too overload term.				e is "6 MHz channel" lot of more specific		
Hajduczenia, Marek	Bright House No	etworks		SuggestedRemedy						
	Comment Status R Table 101-1 could not be repro then just reference it in Clause			Add a more specific definition such as "RF channel" or "EPoC channel" and use it instead where necessary.						
needed?				Make su "band".	ire that "chann	el" is always qualified correctly ir	n clause 100, and	d reconcile usage of		
SuggestedRemedy Consider merging Table 101-1 and Table 100-1 and Table 102–3 into a single one, preferably located in Clause 100, and then reference this table rather than repeat the same information in three different locations				Response Response Status U REJECT. The TF believes we are using the term "channel" consistent with the definition in the curre						
Response REJECT.	Response Status U			The TF believes we are using the term "channel" consistent with the definition standard and changing that definition is beyond the scope of this project. If the feels strongly about this definition please submit a maintence request.						
A single table in CI 100 would be inconvenient for the reader of CI 101 or 102.				Also please see related cmt# 3956, 4059						

The task force should determine if this is accepted or rejected

Comment ID 4030

IEEE 802.3bn EPON Protocol over Coax (EPoC) TF Initial Working Group ballot comments

Def of Channel

Unresolved

C/ 01 SC 1.4	.134 <i>P</i> 26	L 14	# 4059	C/ 103
Zimmerman, George	CME Co	onsulting, Inc.		Dawe, Piers

Comment Type ER Comment Status R

The generic definition of channel in 802.3 causes no end of pain, as it is a common word used (and tempting to use) in most PHY clauses (where the proper term is usually link segment). The tightening of the current definition to reference 10BROAD36 and Clause 11 is a recent fix to at least make the definition appropriately restricted. It is encouraged not to expand the use of the term "channel" without any modifiers (e.g., OFDM channel should be OK).

Even the use in clause 100 has inconsistent uses of the generic 'channel' and this defined term (e.g., "under baseline channel conditions..."). I highly recommend use a different term for the meaning of 'channel' as a tuned frequency band.

SuggestedRemedy

Replace uses of 'channel' where it means a band of frequencies dedicated to a certain service transmitted on the broadband medium. by not modifying the legacy defition, but inserting and using a new term:

'frequency channel' with the same definition as currently listed and adding to the definition: "This is identical to the definion of 'channel' used in clause 11 and defined in 1.4.134, but is added to avoid confusion with the common, generic use of the term."

(note -frequency channel would be consistent with what is used in table 45-98c)

Response

Response Status U

REJECT.

The TF believes we are using the term "channel" consistent with the definition in the current standard and changing that definition is beyond the scope of this project. If the commenter feels strongly about this definition please submit a maintence request.

Also please see cmt# 4030 and 3956

C/ 100	SC 100	P 77	L 1	# 4165
Dawe, Pier	S	Mellanox		
• •				

Comment Type ER Comment Status R

802.3 orders the clauses down the stack of sublayers, not up.

Response Status U

SuggestedRemedy

Swap clauses 100, PMD, and 101, RS/PCS/PMA.

Response

REJECT.

There is precedence in prior EFM: Clause 60 "PMD" is before Clause 65 "RS, PCS, PMA 1000BASE-X" and Clause 75 "PMD 10GBASE-PR/PRX " is before Clause 76 "RS/ PCS, PMA 10G-EPON".

C/ 103	SC	Р	L	# 4168
Dawe, Piers		Mellanox		

Comment Type TR Comment Status R

PAR says:

It also extends the operation of Ethernet Passive Optical Networks (EPON) protocols, such as MultiPoint Control Protocol (MPCP)...

5C says:

EPoC will reuse the MAC Control and OAM as defined in the current IEEE Std 802.3 for EPON, with minimal augmentation if necessary, while developing new PHY specifications.

Objectives say:

Maintain compatibility with 1G-EPON and 10G-EPON, as currently defined in IEEE Std. 802.3 with minimal augmentation to MPCP and/or OAM if needed to support the new PHY.

Yet I see a whole new clause 103 that defines another MPMC from the ground up. That's not what the project promised.

SuggestedRemedy

Combine clauses 77 and 103. Use technology-neutral variable names rather than names like "laserOffTime" and "fecOffsetC".

Response Response Status U

REJECT.

The Task Force believes the addition of Cl 103 is consistent the projects PAR, 5C & objectives as quoted by the commenter and with previous EPON project deliverables whose PAR, 5C and Objectives included similar wording to create a standalone clause for MPCP. Furthermore that Task Force believes the risk of breaking something in Cl 77 outweights the burden of the addition of Cl 103.

P802.3ah created CI 64. Multipoint MAC Control

PAR Scope: Define 802.3 Media Access Control (MAC) parameters and minimal augmentation of the MAC operation, physical layer specifications, and management parameters for the transfer of 802.3 format frames in subscriber access networks at operating speeds within the scope of the current IEEE Std 802.3 and approved new projects Technical Feasibility: "... The proposed project will, to the extent possible, re-use specifications developed by other standards bodies and develop new specifications in accordance with the rigorous standards of proof applied to 802.3 projects. ..." Objectives: "Support subscriber access network topologies: - Point to multipoint on optical fiber ..." Provide a family of physical layer specifications: - PHY for PON, >= 10km, 1000Mbps, single SM fiber, >= 1:16, - PHY for PON. >= 20km. 1000Mbps. single SM fiber. >= 1:16 -"

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

Comment ID 4168 Pag

Page 7 of 8 10/1/2015 3:10:43 PM

Unresolved

P802.3av created CI 77. Multipoint MAC Control for 10G-EPON

PAR Scope: The scope of this project is to amend IEEE Std 802.3 to add physical layer specifications and management parameters for symmetric and/or asymmetric operation at 10 Gb/s on point-to-multipoint passive optical networks.

Vote:

For (keep Cl 103): Against (combine 103 & 77): Abstain:

Technical Feasibility: "... This project reuses the Ethernet point-to-multipoint and point-to-point technologies that

proved to be stable and credible. The project will extend burst mode technology to 10Gb/s, ..." Objectives:

"Support subscriber access networks using point to multipoint topologies on optical fiber ... Provide physical laver specifications:

- PHY for PON. 10 Gbps downstream/1 Gbps upstream, single SM fiber

- PHY for PON, 10 Gbps downstream/10 Gbps upstream, single SM fiber

C/ 100	SC 100.2.10.2	P 111	L 17	# 4171
Dawe, Piers	3	Mellanox		

Comment Type **TR** Comment Status A

"The required level for CLT upstream post-FEC error ratio is defined for AWGN as less than or equal to 10-6 frame loss ratio with 1500 byte Ethernet MAC packets." and

"100.2.12.2 CNU receiver capabilities

The required level for CNU downstream post-FEC error ratio shall be less than or equal to 10-6 frame loss ratio when operating at a CNR as shown in Table 100-15, under input load and channel conditions as follows with 1500 byte Ethernet packets.":

this is the PMD clause. The PMD doesn't contaiun the FEC: what does the PMD have to do to satisfy this condition?

SuggestedRemedy

Define PMD spec.

Response Status U

ACCEPT IN PRINCIPLE.

"The required level for CLT upstream post-FEC error ratio is defined for AWGN as less than or equal to 10-6 frame loss ratio with 1500 byte Ethernet MAC packets. This section describes the conditions at which the CLT is required to meet this error ratio."

To:

Response

"The required level for CLT upstream post-FEC error ratio is defined for AWGN as less than or equal to 10-6 frame loss ratio with 1500 byte Ethernet MAC packets. This section describes the conditions at which the PMD, PMA, PCS in conjunction are required to meet this error ratio. '

C/ 45	SC	P 36	L 6	# 4180
Grow, Robert		RMG Consulting	9	
Comment Tv	be TR	Comment Status A		EZ

Comment Type TR Comment Status A

P802.3bw is defining the value 111101 which you show as reserved. As written, this could remove that definition. P802.3bp does not seem to have defined a value (bit should). P802.3bv is defining 110101. Together, the three amendments are creating a guite sparse matrix, which could push 802.3bs for the mulitple port types it will define. Tagble 45-7

SuggestedRemedy

I see three options:

1. Change the draft to accomodate amendments expected to be approved prior to yours (e.g., 802.3bw).

2. Define the value and in the editorial instruction indicate that the publication editor should take care of fixing the reserved values (what I currently have in P802.3bv)

3. One amendment could change the list style to individually list the sixteen 11xxxx reserved values (this would logically be P802.3bw, but could be P802.3bn). This would then allow all subsequent amendments to to simply change one line in the cell.

Response Response Status W

ACCEPT IN PRINCIPLE.

Set SCI to 45.2.1.6, Moved "Tagble 45-7" from SCI to Comment

Change Editors instruction from

"Change Table 45-7 as follows:" to

"Change row Table 45-7 follows (change "reserved" line(s) as appropriate for values defined by this and other approved amendments):"

Comment ID 4180

Page 8 of 8 10/1/2015 3:10:43 PM