

# Section 2 (MAC) CRG Summary

---

John Lemon  
Steve Wood  
David James

# Summary

- 303 comments for Clauses 5, 6, 8, F, G, H, I, J

Clause	Editorial	Technical, Non-binding	Technical, Binding	Punts In	Punts Out	Total
5	13	19	24			56
6	40	42	65		2	145
8	18	12	48			78
F	8	2	3			13
G	0	0	1			1
H	2	2	0			4
I	2	0	2			4
J	2	0	0			2
	85	77	143	0	2	303

- 38 comments deferred to WG, resolved:8, posse:6, X.MSR:4, remaining:6+8+6
- Editorial license requested on editorial comments

# Issues Covered - Clause 5

- Client ignoring send indication (punt: 234)
- Spatial or uniform shaping (punt: 235)
- Delay and jitter bounds specified (236)
- No promiscuous mode defined
- Clarifications of the effect of some MA\_DATA.request parameters
- Clarifications of the effect of MA\_CONTROL.indication parameters, especially SC\_FCM\_IND and MC\_FCM\_IND
- Test point corrections, reduction of details, removing X.85, Phy specifics
- Several “Editorial, Binding” comments

# Issues Covered - Clause 6

- Promiscuous (mode) definitions removed (294)
- State table corrections, enhancements, and clarifications
- Figure adjustments
- Ringlet selection adjustments, clarifications, et cetera
- Wrapping corrections
- TTL setting and decrement adjustments
- Changed shaperC *incSize* to *maxAllowedRate* (359)
- Break rx state machine into 4 state machines (376)
- Control frames are shaped by both shaperM and the appropriate class based shaper (354)
- Replication clarifications
- Add variables, especially to support MIB attributes
- *idleThreshold* default value
- Many “Editorial, Binding” comments

# Issues Covered - Clause 8

- Formal definition of extended frame format
- Field renamings
- Naming of *sa* in different locations (punt)
- Control frame setting setting of *ttl/Base* and *extendedControl*
- Usual *parity*, *hec*, and *fcs* uniformity suggestions
- Completion of changes of initial *hec* to all 1s
- Handling of illegal combinations (punt)
- *ft* values (474)
- Organization of Clause 8 (punt)
- Many “Editorial, Binding” comments

# Issues Covered - Annexes F, G, H, I, J

---

- Completion of changes of initial *hec* to all 1s
- Corrections to CRC figures
- Adjustment to *hec* is now optional (966)
- Removal or reduction of Annex H (975)

# Technical, Binding Rejected

- 250: Standard support for promiscuous mode
- 464: *hec* should use 32 bit *fcs* CRC
- 480: All frames to use *parity*
- 503: Remove extra *da* in extended frame format
- 513: Remove support for broadcast control frames
- 515: Remove *controlVersion*
- 525: Clarify *sa* value for passthrough stations

# Comments Deferred, Resolved

- 464: *hec* should use 32 bit *fcs* CRC
- 472,473,475: Illegal field value combinations
- 474: Safety of current *ft* values
- 480: All frames to use *parity*
- 496: Informative text to move to Clause 1
- 503: Remove extra *da* in extended frame format



# Comments Deferred, X.MSR

- 247: Add *ff* value to MA\_DATA.indication
- 252: Request/response of topology and status database via MA\_CONTROL.request and MA\_CONTROL.indication
- 264: Mention support of X.MSR (editorial)
- 265: X.MSR implementation guidelines for how to repeat indications (editorial)

# Comments Deferred, Posse

---

- 362,363: Context containment on wrapping
- 370,373: Change to *ttl* update on wrapped ringlet
- 520,521: Different usage of *ttl* and *sa* requires different names

# Comments Deferred, Clause 5

- 234: Action of MAC when client ignore send indications
- 235: Only uniform allocation
- 251: Non-reflective behavior commentary
- 255: Request/response of topology and status database via MA\_CONTROL.request and MA\_CONTROL.indication
- 269,270: Frame sizes for referenced phys

# Comments Deferred, Clause 6

- 288: Passthrough behavior
- 309: Ringlet selection based on “conversation”
- 324: Move Clause 1 text to Clause 6
- 326: Remove Clause 6 text in deference to Clause 1
- 331: Major priority inversion only minimized
- 349: Remove reset to loLimit
- 408: Remove informative information from Clause 6
- 421: Move wrap diagrams to Clause 1

# Comments Deferred, Clause 8

- 488: Remove differentiation between unidirectional and bidirectional flooding
- 512: Organization of Clause 8
- 517: Change the format of the fairness frame to match the format of all other frames
- 518: Change the format of the fairness frame to new definition
- 519,524: Change field names when in different locations

# Action Items

---

- Gal Mor, David James, and Yongdong Jin to verify example FCS result prior to end of editing (see #972)