



IEEE 802.17 Draft 2.0
OAM Comment Resolution
Atlanta, GA - January 2003

Section Editor: Glenn Parsons

Technical Editors: Leon Bruckman, Gal Mor

RPR OAM

Met in 2 sessions (6 hours) for:

- 55 technical binding
- 37 technical non-binding
- 67 editorial
- 1 carryover
- 2 punt from Topology/Protection

Did not deal with Editorials

– Will ask for editorial license

Highlight of CRG resolutions



OAM Comments Summary

• Clause 12: OAM		
– Technical binding	5	Technical done
– Technical non-binding	9	
– Editorial	33	
• Annex K: Continuous Echo		
– Technical binding	1	Technical done
• Clause 13: Management		
– Technical binding	9	Technical done
– Technical non-binding	5	
– Editorial	10	
• Annex D: MIB		
– Technical binding	40	Technical done
– Technical non-binding	23	
– Editorial	24	
– Carryover	1	

Clause 12 Highlights

- PICS will be created
- Echo to oneself around the ring
- Reduce OAM indication in frame to 1 byte
- Add Vendor OUI based extension
- Additional text added for Flush
- Align figures with Clause 8
- Resolve overlap with Clause 1
- Various text clarifications



Clause K Highlights

- No PICS
- Normative material moved to Clause 12

Clause 13 Highlights

- No PICS
- Configuration of parameters described in the respective Clause and in the MIB
 - not also in Clause 13
- New primitives
 - MLME-INDICATE.event
 - MLME-RESET.request
- Operational state derivation
- New in/out terms in Fig 13.2
- New Flush text
- Delete description of echo parameters
 - But add comparison of ICMP & ping
- Delete protection description
- Various text clarifications

Clause D Highlights

- No PICS
 - use MIB conformance
- Clarify various counters, attributes, TCs, formatting
- Clarify various text
 - E.g., promiscuous mode
- agingInterval is calculated not configured
- Add Jumbo frame counter
- Clear counter per span
- Topology ifIndex based on MAC address
- MIB Editor to provide list of MIB variables requiring normative definition in other clauses
- Add flush details
- Move hold off timer to span table
- Wrap/steer protection
- Improve security section
- Add persistency description

Clause D Punts

- Punt to WG - 1420 - echo MIBs
 - OAM CRG suggests that LME does this anyway and notes that the OAM table is optional

- Received today - 1491 & 1010

Technical Binding Rejects

- Annex D
 - 1335 - PICS for Annex D unknown
 - 1414 - derived table unknown
 - 1371 - min/max frame size Commentor agrees
 - 1385 - ifStackTable changes Commentor agrees
 - 1358 - MIB list **Commentor disagrees**
 - OAM editors concerned this is duplicate work



Ongoing review Issues

- OAM Editors need some extra time at the end of the draft writing to align the MIB cross-references
- IETF MIB experts will be informed of the disposition of their comments and continue to be offered to provide comments on future WG ballots