

OAM STF Interim Report

Vancouver Meeting
January 12-15th

Outline

- OAM STF Leadership
- Comment Summary
- Big Ticket Items to resolve
- Meeting times/location

OAM STF Leadership

- Chair
 - Matt Squire, OAM STF Chair
- Editorial Team
 - Ben Brown, EFM TF Logic Editor
 - Clause 22, Annex 22D, Clause 66
 - David Law, 802.3 WG Vice Chair
 - Clause 30, Annexes 30A, 30B
 - Scott Simon, 802.3ah Recording Secretary
 - Clause 45
 - Kevin Daines, EFM OAM STF Editor
 - Annex 43B, Clause 57

D3.0 Comment Summary

Editor	Clause	TR	T	E	Total
Ben Brown	22/22D	5	2	5	12
David Law	30/30A/30B	13	32	15	60
Kevin Daines	43B	0	0	1	1
Scott Simon	45	14	38	45	97
Kevin Daines	57	14	25	87	126
Ben Brown	66	3	1	4	8
	Total	59	98	157	314

NOTE – Tallies do not include floor comments

OAM STF Meeting Times

- Joint meetings...galore!
 - OAM/P2MP (Tue 10a-12n, Tue pm, Wed 1p-4p)
 - Simplified full-duplex MAC
 - OAM/Copper (Wed 8-11a, 2-6p, Thu 8-9a)
 - Copper management (C45 and C30)
 - What attributes and at what levels
 - OAM/Optics (Wed 11a-12n, 4:30-7p)
 - Unidirectional mode – How to express requirements
 - Unofficial: IETF MIB BoF – Monday 6 PM
 - Review MIBs, note C30 discrepancies, next MIB revision schedule

OAM STF Big Ticket Items

Resolved

- C22/56/57/66-Unidirectional mode [#313] and optics
 - Which PCSs with which PMDs (e.g. does “EFM” mean unidirectional mode supported)

Resolved

- C30-Copper management
 - Need restructuring for PMA/PMD attributes, not just PCS attributes
 - Aligning C30 with C45 and new IETF MIB work

Resolved

- C45-Reorganize copper MMDs
 - Collapse MMDs for tone table & remote access
 - Add new MMD for TC sublayer

Resolved

- C45-How to number tables?
 - Not complicated, just need consistent solution

OAM STF Motion #1 (Thu 10am)

- Adopt responses to all D3.0 editorial comments on Clauses 22, 22D, 30, 30A, 30B, 43B, 45, 57, 66
- Move: Kevin Daines
- Second: Ben Brown
- Tech
- By Acclamation

OAM STF Motion #2 (Thu 11am)

- Adopt responses to all D3.0 comments on Clauses 22, 22D, 30, 30A, 30B, 43B, 45, 57, 66
- Move: Hugh Barrass
- Second: David Martin
- Tech
- Y: 10 N: 0 A: 0

Oops

- 2 STF comments from the floor were left on the floor

Floor comment #57002

- We have attributes for peer DTE but not local DTE
 - Add Clause 30 attributes for local DTE, leveraging text that exists in ()'s
 - OAM functions supported (30.11.1.1.5)
 - OAMPDU size (30.11.1.1.6)
 - OAM revision number (30.11.1.1.9)
 - Parser & Multiplexer state (30.11.1.1.10)
 - Add Clause 30 attribute for local Discovery state
 - See 30.11.1.1.7

Floor comment #57003

- Add defer control and ability attributes

30.3.1.1.x aDeferControlAbility

ATTRIBUTE

APPROPRIATE SYNTAX: BOOLEAN

BEHAVIOUR DEFINED AS:

“False” for full duplex operation where interframe spacing is accomplished outside the MAC (see 4A.2.3.2.3), and “true” otherwise.;

30.3.1.1.x+ aDeferControlStatus

ATTRIBUTE

APPROPRIATE SYNTAX:

An ENUMERATED VALUE that has one of the following entries:

defer control off Defer control mode disabled

defer control on Defer control mode enabled

unknown Defer control mode unknown

BEHAVIOUR DEFINED AS:

A GET operation returns the current Defer Control mode of operation of the MAC. A SET operation changes the mode of operation of the MAC sublayer to the indicated value. A SET operation shall have no effect on a device whose mode cannot be changed through management or that can only operate in a single mode.

This attribute maps to the variable deferenceMode (see 4A.2.7.2).;

EFM TF Motion #___

- Adopt responses to all D3.0 comments on Clauses 22, 22D, 30, 30A, 30B, 43B, 45, 57, 66 and comments #57002 & #57003
- Move: Jonathan Thatcher
- Second: Ben Brown
- Tech
- Y: ___ N: ___ A: _____

EFM TF Motion #___

- Adopt responses to all D3.0 comments on Clauses 22, 22D, 30, 30A, 30B, 43B, 45, 57, 66 and comments #57002 & #57003
- Move: Jonathan Thatcher
- Second: Ben Brown
- Tech Y: 21 N: 0 A: 2