

802.1 / 802.3 Joint Meeting September 2008

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Agenda

- Update on .3ax / .3ay
- Update on .3 MAC services
- Move of 802.1AB Annex F to 802.3

802.3ax and 802.3ay Update

- On the RevCom agenda for the SASB consideration next week
- LOA request letters sent out

MAC Services Background

- 802.3-2005 described 2 MAC interfaces
 - MA_DATA.Request/Indication. Clause 2 (ISO/IEC/802.1)
 - TransmitFrame()/ReceiveFrame(). Clause 4
- 802.3as attempted to remedy the “longstanding discrepancy” between both definitions
 - “Service to humanity”
 - State diagram added to reconcile MA_DATA.Request with TransmitFrame()
 - MAC Control Clauses (31, 31B, 64) were modified to use the Clause 2 “service interface primitives” instead of the TransmitFrame()/ReceiveFrame() Pascal functions

MAC Services Discussion

- No action required by 802.1 at this point
- Recommendations to the 802.3 Maintenance Task Force
 - Clarification to the MAC state diagram 4-6
 - Add an exit condition so that it is clear that the process remains in Generate Transmit Frame state until the TransmitFrame function completes
 - Minor corrections to MAC Control state diagrams
 - Figure 31B-1 (PAUSE transmit state diagram) needs to be modified so that Send Data Frame and Send Control Frame states are not exited until frame transmission has completed.
 - Figures 64-12 and 64-13 need to be modified so that Send Frame And Transmit Frame states (respectively) are not exited until frame transmission has completed

Move of Annex F from .1AB to .3

- Issues to be discussed
 - Who does the move in 802.3
 - When is the move done
 - How is it coordinated with 802.1ABREV
- Impact on 802.3 projects
 - 802.3at
 - 802.3az
 - 802.3.1

Move of Annex F from .1AB to .3: Process & Recommendation to 802.3

- Limited scope project (802.3bc) that moves all of 802.1AB Annex F except the SNMP portion into 802.3 (a new Clause and perhaps related Annex)
 - .3at and .3az become contingent on this
 - Modify .3at and .3az PARs to be contingent on 802.3bc
 - .3at and .3az add their TLVs to the new Clause
 - .3at and .3az add the Clause 30 material (including Annexes)
- SNMP Portion of Annex F into 802.3.1

Motion in Maintenance (Annex F Move)

Move:

- 802.3 Maintenance Task Force adopt the process in diab_1_0908.pdf for dealing with the move of 802.1AB Annex F to 802.3
- Present the process in diab_1_0908.pdf as a recommendation to 802.3 at the November plenary
- Maintenance Task Force Chair to generate an 802.3bc PAR in time for the WG Chair to meet the 30-day deadline for 802.3 and EC consideration at the November plenary

Moved: Barrass

Second: Frazier

Y: 17 N:0 A:0

Tech – 75%

Motion Passes 12.09pm

Move of Annex F from .1AB to .3: Joint Discussion

- Do not make 802.3bc and 802.1AB REV co-contingent
- Insert statement in 802.1AB REV that material in Annex F will be superseded by 802.3bc when 802.3bc publishes
 - 802.1AB amendment to deprecate Annex F at a later date