

3.00 II Announcements from the Chair **Nikolich 5 01:10 PM**

Nikolich announced that there were no announcements.

**3.01 MI APPROVE updated minutes of March opening meeting, 20110314-
* opening-minutes-v1.pdf** **Gilb 0**

Approved as part of the consent agenda

**3.02 MI APPROVE updated minutes of July opening meeting, 20110718-
* opening-minutes-v1.pdf** **Gilb 0**

Approved as part of the consent agenda

**3.03 MI APPROVE minutes of July closing meeting, 20110718-opening-
* minutes-v3.pdf** **Gilb 0**

Approved as part of the consent agenda

4.00 LMSC Internal business

**4.01 ME 802.15.9 recommended practice for Key Management, PAR forward
to NesCom** **Heile 5 01:10 PM**

Heile presented 15-11-0849-01-000, slides 5-7

Jeffrey spoke against the motion. The security experts in 802.1 had concerns about how the transport protocol is being constructed. This appears to create a registration authority for something that could be done with EtherTypes. Using EtherTypes would open this up for all currently defined key systems to be used. Suggested holding teleconferences with 802.1 security experts, but to date no coordination with 802.1.

Suggests waiting until March for time to coordinate.

Bob Moskowitz (Verizon) It may in the future enable the full use of EtherTypes. This is a narrow project to expedite this process as a recommended practice.

Law asked why 802.1 protocols not use 802.1X.

Moskowitz said that 802.1X cannot be used in 802.15.4 because there is not EtherType.

Law asked if this means that 802.15.4 is not an 802 LAN.

Jeffrey said if 802.15.4 was an 802 LAN standard there would not be a problem.

Moskowitz said that the limit on the PDU size creates challenges. It would require above MAC fragmentation.

Rosdahl said that as a recommended practice would explain how to use existing parts. That was 802.11 understanding.

Moskowitz said that he is taking 3 pieces in .4 and 2 pieces in .7 and using those to split the information in the key management protocol and get it across the medium.

Das asked about the list of standards with similar scopes was limited to IEEE or all groups.

Thaler said that it was all groups.

Das said what was the problem with adding the other groups.

Moskowitz said that it was his understanding that it was 802 only. Moskowitz said that he was not aware of all the rules and procedures. Moskowitz does not have any problem in mentioning Zigbee IP if it was all groups.

Das requested to revise the PAR.

Thompson said that to use the EtherType requires 2 bytes for the type field and one byte for the extra information for a total of 3 bytes. He asked if the goal to reduce frame size is why there was a new numbering.

Moskowitz said that the registration authority would name new protocols. It would be a more direct interface for new KMPs. He said that at least three bytes is required, but it would be more.

Law said that we are getting into a technical discussion. But from a process view, this is making 802.15.4 more 802 LAN like and these discussions should take place in 802.1

Vote is 7/4/3, motion passes.