

Project: IEEE 802.15 Wireless Personal Area Networks (WPANs)

Submission Title: [1394 Trade Association Liaison Report]

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Abstract: Liaison Report from the 1394 Trade Association to IEEE 802.15

Purpose: Maintain liaison between the 1394 Trade Association and IEEE 802.15

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Liaison Report
1394 Trade Association
to
IEEE 802.15

1394 TA Board of Directors Motions

1. The 1394 Trade Association approves the WiMedia Alliance's MAC Convergence Architecture (WiMCA) as a platform for "wireless 1394" PAL development.
2. The 1394 Trade Association will collaborate with the WiMedia Alliance to develop interoperability test specifications and certification programs for "wireless 1394".
3. The 1394 Trade Association will establish liaison with the MultiBand OFDM Alliance (MBOA) for the purpose of collaboration and coordination with respect to the development of UWB and "wireless 1394" specifications. Subject to the establishment of such liaison, the 1394 Trade Association intends to evaluate the MBOA MAC and PHY as a platform for "wireless 1394" PAL development.

Wireless Working Group Actions

- Authorized project to revise 802.15.3 PAL to reflect IEEE 802.15.3b changes
- Authorized project to develop new PAL for MBOA MAC
- Both projects to launch at October 1394 TA meeting in Oxford
- Plans to address security in both PALs

“Wireless 1394” PAL

- Protocol Adaptation Layer (PAL) for IEEE 1394 over IEEE 802.15.3
 - Published specification
 - TS2003010 (May 7, 2004)
 - Available for purchase
 - Final draft available to 802.15 members
- http://grouper.ieee.org/groups/802/15/private/1394TA_Documents

Key Features of “Wireless” 1394

- Enables product development
 - Streaming AV applications
- Builds on established 1394 technology
 - Data formats
 - Connection-management schemes
 - Time-synchronization procedures
- Works with any radio

Contact Information

- 1394 Trade Association

<http://www.1394ta.org/>

- Liaison

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