

Power over Ethernet Plus 802.3 Study Group Austin Interim Report

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PoE Plus Purpose

- Formed at the November 2004 802 plenary by 802.3 Working group motion

“Move that 802.3 authorize the formation of a Study Group to develop a standards project proposal (PAR and Five Criteria) for enhancements to PoE beyond the specifications of Clause 33.”

Interim Work

- Introductions, general material, IEEE Patent Policy
- New Presentations
- Discussion of Isolation requirements of 802.3af
- Completion of relevant materials for PAR, 5 Criteria and Objectives
- Motions

Presentations

- An Extended Classification Protocol for PoE Plus - Steve Robbins
- PoE Plus 2-PAIR vs. 4-PAIR WHAT TO DO? - Clay Stanford
- Power over Ethernet plus Isolation requirements - David Law
- Power management - Daniel Feldman
- Proposed Compatibility matrix - David Law

Motions

- Motion 1 – Move that the chairman forward the Objectives and 5 Criteria, with edits as necessary, to the IEEE 802 EC Prior to the deadline for consideration during the July plenary.

Moved: Hank Hinrichs, Seconded: Derek Kroes
Vote – (yea, nay, abstain) 34, 0, 0

Motions, continued

- Motion 2 – Move that the chairman complete a project authorization request (PAR) based primarily on the contents of the file “May 19 PAR.pdf” and forward the PAR, with edits as necessary, to the IEEE 802 EC prior to the deadline for consideration during the July plenary.

Moved: Tom Diamond, Seconded: Bil Delveaux
Vote – (yea, nay, abstain) 21, 1, 0

PAR, 5 Criteria and Objectives

- Posted on Study Group website:

http://www.ieee802.org/3/poep_study/index.html

Schedule

- Tuesday 8:30 to 6:00
- Wednesday 8:30 to 6:00
- Thursday 8:30 to noon