

Summary of Remaining Work Items Needed to Complete 802.1AS

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Introduction

- ❑ This list is based on the status of 802.1AS D5.0, as of May 15, 2009, plus the final comment resolution document for the D5.0 ballot available at <http://www.ieee802.org/1/files/private/as-drafts/d5/802-1AS-d5-0-dis-r4.pdf>
- ❑ The order the items are listed is not necessarily the order in which the work will be done
- ❑ Note that many specific items are spelled out in detail in the D5.0 comment resolution and in Annex Z
 - Except for major items relating to entire clauses or annexes, or to simulations, these specific items are not listed separately, but are covered by the first two bullet items on the next slide

Remaining Work Items Needed for Completion of 802.1AS - 1

- 1) Incorporate D5.0 comment resolution
- 2) Incorporate all comments in Annex Z
- 3) Resolve the requirements for local clock stability/maximum frequency drift; perform simulations with clock noise model that reflects the final requirements (note: the extent of these simulations will depend on how stringent the requirements are, i.e., on how important clock noise/instability is in determining jitter/wander accumulation)
- 4) Complete Annex B (Performance Requirements); include in this any clock noise/stability requirements of (3) and resulting interface requirements as outlined in editor's note at beginning of Annex B
- 5) Complete Clause 5 (Conformance) and Annex A (PICS proforma)
- 6) Complete Clause 7 (Overview, mainly informative)
- 7) Review newly-supplied Clause 13 (EPON) and incorporate in document

Remaining Work Items Needed for Completion of 802.1AS - 2

- 8) Review revised Annex J (CSN) and incorporate in document
- 9) Complete work on making clause 12 (802.11) consistent with rest of document (e.g., put state machines in block diagram format, make definitions of primitives, variables, and functions consistent with rest of document)
- 10) Complete material on management objects and MIB, and replace the current Clause 14 with this material (the new material may be organized into more than one clause)
- 11) Complete Annex C (Summary of end-to-end jitter/wander/time synchronization requirements for time-sensitive applications) (informative)
- 12) Complete Annex D (Hypothetical Reference Models) (informative)
- 13) Complete Annex E (description of simulation models and results) (informative)
- 14) Complete Annex F (Relation of 802.1AS and IEEE 1588TM-2008)

Remaining Work Items Needed for Completion of 802.1AS - 3

15) Other items???