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| IEEE 802.1 REVISION REQUEST 0117                               |
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DATE:June 24, 2013

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REQUESTED REVISION:

    STANDARD: 802.1AS

    CLAUSE NUMBER: B.2

    CLAUSE TITLE: Time-aware system requirements

RATIONALE FOR REVISION:

As a result of comments against P802.1AS-Cor-1/D3.0 (the initial sponsor ballot version), the mandatory requirements on residence time and Pdelay turnaround time, in B.2.2 and B.2.3, respectively, were changed to recommendations (i.e., "shall" was changed to "should" in both subclauses). The comment resolution indicated that the necessary changes would be made to the PICS. However, inspection of Annex A indicated that there are no PICS entries for these items. Further inspection indicated that these items were referenced only in Annex E, which means that the only PICS reference is for CSN (because there was a respective PICS entry for the Annex E references). But, these items also apply to fullduplex Ethernet, and therefore respective references are needed for clause 11. Note that a PICS entry or reference for clause 11 is needed for B.2.4 (measurement of rate ratio) also.

Note that this change was proposed in a comment during the sponsor ballot recirculation for P802.1AS-Cor-1 (comment #8 in the final comment resolution for draft D3.1). The comment was rejected because it was out of scope, but the committee thought it would be desirable to make this fix in P802.1ASbt, and indicated the editor should submit this item for entry in the maintenance database.

PROPOSED REVISION TEXT:

Add respective references to B.2.2, B.2.3, and B.2.4, in clause 11, and add any

necessary PICS entries.

IMPACT ON EXISTING NETWORKS:

There should not be any practical impact on existing networks. The requirements
have been in B.2 since the publication of 802.1AS – 2011. The changes made in
802.1AS-Cor-1 actually relaxed the requirements of B.2.2 and B.2.3 by changing
"shall" to "should". The change only adds these items to the PICS (they should have
been in the PICS from the outset).


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| Please attach supporting material, if any                         |
| Submit to:- Tony Jeffree, Chair IEEE 802.1                         |
|  and copy:- Glenn Parsons, Vice-Chair IEEE 802.1                   |
|    E-Mail: stds-802-1-maint-req@ieee.org                           |
|                                                                   |
|             +------- For official 802.1 use -----------+          |
|             | REV REQ NUMBER:  0117                     |          |
|             | DATE RECEIVED: 04/07/13                   |          |
|             | EDITORIAL/TECHNICAL                       |          |
|             | ACCEPTED/DENIED                           |          |
|             | BALLOT REQ'D YES/NO                       |          |
|             | Status: R                                 |          |
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