Proposed Comment Resolution for TG Ballot

Version 6

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IEEE 802.1 TSN TG
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Ballot Statistics

- Thanks to all who reviewed the document and commented.

<table>
<thead>
<tr>
<th>Category</th>
<th>All respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Yes (voters)</td>
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</tr>
<tr>
<td>No (voters)</td>
<td>7</td>
</tr>
<tr>
<td>Voting Yes or No</td>
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</tr>
<tr>
<td>Abstain Time</td>
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<tr>
<td>Abstain Expertise</td>
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<td>Abstain Total</td>
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<tr>
<td>Respondents (who are voting members)</td>
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<tr>
<td>Voting Members</td>
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<tr>
<td>Non-voting member commenters</td>
<td>2 (1 no, 1 abstain due to lack of expertise)</td>
</tr>
<tr>
<td>Number of Commenters</td>
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<tr>
<td>Number of Comments</td>
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<tr>
<td>TR</td>
<td>54</td>
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<tr>
<td>T</td>
<td>5</td>
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<tr>
<td>ER</td>
<td>23</td>
</tr>
<tr>
<td>E</td>
<td>15</td>
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</tbody>
</table>
In what follows, grouped comments are shown together in parentheses; they will be discussed together.

Editorial Comments (Category E or ER) that are, in the judgement of the editor, trivial (21 comments):

- All the following comments will be accepted or accepted in principle, and will not be discussed unless someone indicates a desire to discuss them (they will be left in proposed mode for an adequate time period for participants to review them)
  - 1, 2, 3, 6, 9, 15, 20, 23, 24, 25, 28, (29, 43), 35, 42, 45, 70, 73, 80, 82, 92

The comments on the following pages will be discussed.

- Note that many of the ones marked E or ER are nontrivial and must be discussed in detail (even though they are marked E or ER)
- Note that the listed topics are not necessarily full descriptions of the comments; they are mainly to aid the editor in the comment resolution
Comments to be discussed (76 comments):

- Organization and content of 17.6.3 and its subclauses: (79, 14, 33, 51)
- Primary PTP Instance GM: (32, 47)
- Making ClockSource and ClockTarget optional: (30, 64, 31, 50, 96, 52, 16)
- Whether a HotStandbyInstance should be able to go directly to NOT_SYNCHED from INITIALIZING: (46, 77, 65)
- Fixes to several equations: 21, 83
- Definition of delayAsymmetry: 36
- Wrong variable in an equation: 37, 38
- Inclusion of maintenance items: (39, 67, 68)
- Inclusion of the MIB: (7, 40)
- Definition of holdover: 53
- Updating the definition of PTP Instance: 54
- Definition of offsetFromMaster: 63
- Hot Standby introductory material and assumptions: 57, 27, 49, 59
Comments to be discussed (Cont.):

- Time error and budgets: (58, 60)
- Miscellaneous comments on functions used in state machines: (84, 86), 85, 91, (75, 81)
- Nomenclature for term intervalTimer: 87
- Non-use of managed objects in state machines: (74, 90)
- Conformance statement and PICS entry needed for Hot Standby: (41, 4)
- Deletion or editing of editor’s notes: 5, 8, 10, 19, 76
- New managed objects: (11, 93, 95)
- Transferring timeProperties information: 18
- Description in isSynced() function: 44
- Terminology: grandmaster vs Grandmaster PTP Instance: 12
- Definition of Grandmaster PTP Instance: 13
- Correction to conformance statement: 22
- Use of the term “timescale” in Hot Standby: 26
- Failure of slave port on a PTP Instance: 97
Comments by Category - 3

Comments to be discussed (Cont.):

- Use of split functionality to transfer from secondary to primary: 34, 17
- HotStandbySystem states: 48
- Different LocalClocks for different PTP Instances of a time-aware system: 88
- Use of term “revertible”: 89
- Definition of variable hotStandbySystemReset: 94
- Role of secondary PTP Instance: 55
- Separate descriptions of split functionality and transfer of time from primary to secondary at secondary GM: 56
- Determining whether a PTP Instance is synced: 61
- Case where 2 GMs each establish two Sync trees: 62
- Conformance statement related to signaling of gPTP capability: 66
- Description of meanLinkDelay for case of CMLDS: 69
- Incorrect reference: 71
- Use of term “external port”: 72
- HotStandby system in HOLDOVER state: 78