1 Twisted Pair

100 [C] Mbit/s Ethernet

Call for Interest at IEEE802.3 Working Group
March 20, 2014
Beijing (P.R. China)

Thomas Hogenmüller (Robert Bosch)
CFI 1 Twisted Pair 100 Mbit/s Ethernet (1TPCE)

Consensus Building Meeting

- Met on Tuesday evening from 21:15 to 22:00
- Shown presentation is supported by 145 individuals
  - 71 affiliated with automotive and 13 affiliated with industrial automation industry
  - 34 are 802.3 voters, 37 are affiliated with the semiconductor industry
- Presented by
  - Thomas Hogenmüller – Bosch, Car System Supplier (Chair and presenter)
  - Steffen Abbenseth – Volkswagen, Car Maker
  - Stefan Buntz – Daimler, Car Maker
  - Albert Kuo – Realtek, Semiconductor Vendor
  - Kirsten Matheus – BMW, Car Maker
  - Mehmet Tazebay – Broadcom, Semiconductor Vendor
  - Helge Zinner – Continental, Car System Supplier
- The presentation outlined why 100 Mbit/s are required in addition to 1000BASE-T1, gave an overview of use cases for both 100 Mbit/s and 1000 Mbit/s, updated the forecast for over all automotive market, and outlined the advantages of a comprehensive IEEE802 eco system.
Straw Polls

60 Number of people in the room

30 Individuals who would attend and contribute to a
1 Twisted Pair 100 Mbit/s Ethernet (1TPCE) PHY Study Group

31 Companies that support the formation of a
1 Twisted Pair 100 Mbit/s Ethernet (1TPCE) PHY Study Group
Straw Polls

Request that IEEE 802.3 WG form a study group to develop a PAR and 5 Criteria for a:

1 Twisted Pair 100 Mbit/s Ethernet (1TPCE) PHY

<table>
<thead>
<tr>
<th>People in the Room</th>
<th>Dot 3 Voters Only</th>
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<tbody>
<tr>
<td>Y: 52</td>
<td>Y: 35</td>
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<tr>
<td>N: 0</td>
<td>N: 0</td>
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<tr>
<td>A: 6</td>
<td>A: 2</td>
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Motion

Request that IEEE 802.3 WG form a study group to develop a PAR and 5 Criteria for a:

1 Twisted Pair 100 Mbit/s Ethernet (1TPCE) PHY

M: Kirsten Matheus
S: Mehmet Tazebay

Procedural (> 50 %)

Yes: No: Abstain:
Next Steps

- Set up an email reflector and web page
- Weekly phone conferences till study group interim meeting starting on April 2\textsuperscript{nd}
- 2-3 day Interim Meeting, May 12\textsuperscript{th} till May 16\textsuperscript{th}
  - PAR
  - 5 Criteria
  - Objectives