

HSSG Presentation Mapping to 5 Criteria Responses (Updated)

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Update

- Assumes the PAR A 5 Criteria Working Draft as updated in the March 2007 meeting
 - [http://www.ieee802.org/3/hssg/PAR-A/HSSG PARA 5C WD 0107.pdf](http://www.ieee802.org/3/hssg/PAR-A/HSSG_PARA_5C_WD_0107.pdf)
- Updated the previously reviewed compilation – see Jaeger_01_0307.xls
 - Added in the presentations which the group heard in Orlando
 - Made a few minor changes based upon presenters comments/input since the March presentation
 - 124 presentations included in the updated mapping
- No updates or changes suggested to the Criteria based upon this update

Broad Market Potential

BMP#1

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BMP#2

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BMP#5

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100GbE Application Need

- Unprecedented participation & input from the end user community
 - 18 presentations from end users discussing their needs and requirements (representing input, feedback & support from quite a few individuals)
 - While the recent reflector ‘discussion’ shows that the message is not always well received (or what some want to hear), it has been very consistent in both the need/use and the urgency to begin the 100GbE standards effort
- Excellent representation across the complete spectrum of industry participants
 - Component, System, and End User
- A review of the BMP presentations outlines the numerous distinct application areas which require the capabilities of 100GbE
 - While some may not consider this their father’s Ethernet, it’s due in part to the growing use of Ethernet throughout the global network...

Economic Feasibility

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Technical Feasibility

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hartman_01_0107.pdf
jaeger_01_0107.pdf
jewell_01_0107.pdf
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Technical & Economic Feasibility

- Economic Feasibility
 - A number of presentations for MMF & SMF PHY approaches which provide complexity/cost comparisons to 10GE PMDs
- Technical feasibility
 - Very broad range of capable approaches/proposals presented
 - Task will be selecting the proposal for incorporation into the standard (if/when we get to be a Task Force...)

Summary

- With the latest edits we incorporated in March/Orlando, do not see any required changes to the criteria responses
 - No changes due to lack of supporting material anyways...
- Personally, I believe that we have supporting material for all of the 5 Criteria Responses
- Other conclusions: none;
 - it's still just an available tool for an individual to use to assess for themselves the criteria responses