

IEEE 802.3ba XR ad hoc Conference Call, 14 August 08

Meeting Notes

Chair: Alessandro Barbieri

Co-chair: John Petrilla

Recording Secretary: none

Attendees: (partial list -may not include all attendees)

Alessandro Barbieri	John Petrilla
Mike Dudek	Herb Congdon
Piers Dawe	Hugh Barass
Paul Kolesar	Jeff Maki
Ali Ghiasi	Olaf Storaasli
Phil McCLay	Brad Booth
Frank Chang	Petar Pepeljugoski
Ryan Latchman	Ken Jackson
Scott Kipp	Stephen Alie
Steve Swanson	

Alessandro Barbieri, the host of the meeting, opened the meeting (phone & web conference) at 8:30 AM Pacific. John Petrilla chaired the meeting.

John asked if anyone was not familiar with the IEEE patent policy and encouraged everyone to review it. There were no responses. URLs were provided in the meeting invitation to access the policy

John proposed the following agenda: New presentations by Paul Kolesar and, time permitting, Mike Dudek. There were no objections

Both presentations were posted on the XR ad hoc page prior to meeting

Toward Extended Reach MM Objectives, kolesar_xr_01_0808:

The presentation was delivered by Paul Kolesar.

In brief, Paul's presentation argues that the current project objectives do not serve well important data center applications, Access to Distribution Aggregation and Distribution to Core Aggregation, and that these applications are critical to the successful and timely market acceptance of 40G and 100G Ethernet. An additional objective, support for a distance to serve these applications is proposed. The project criteria are evaluated and no changes are seen as required by the new objective.

Clarifying questions were asked and answered. Clarifications include:

- The comparison costs of optical modules in pages 5 and 6 are based on market data for X2 modules. Several attendees recommended that an SFP+ module based comparison, especially for the SR 4X and SR 10 entries, would be more relevant. Cable comparisons assume an existing cable plant of MPO terminated segments with breakout cables at the ends to interface with non-MPO based modules. The breakout cables and associated cost are removed where MPO based modules are expected. In all cases, no dark fibers are expected and no costs for such are included.

- The percentages in the table in page 17 refer to the percentage of the expected > 100 m links in the identified market segments that would be served by the link distances in the first column. Paul agreed to add columns that also show the increment in the total number of links served for each distance.

There was much discussion related to pages 5 & 6, including alternatives that were not shown and relevance of line card and equipment port cost.

Discussion related to pages 17 - 20, included concern that it had the appearance of a solution in search of a problem and that two new objectives, one for OM3 and another for OM4 were being proposed. A concern expressed related to the OM3 objective was that 150 m wasn't sufficiently distinct from the existing OM3 objection to be favorably received by the project members.

The presentation and ensuing discussion more than consumed the scheduled meeting

time. Continuing discussion is expected to occur on the project reflector in order to wrap-up ad hoc activity in time for the September interim project meeting.

Next meeting:

Recommended next meeting: 8:30 AM PDT to 10:30 AM PDT, Thursday, August 28, 08. A meeting notice will be sent. The agenda for this meeting will be limited to refining and completing a new objective proposal for 802.3ba, preparation of supporting material and the likelihood of a favorable response.