



Channel Model Ad Hoc Report

IEEE P802.3ap Task Force Meeting
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Schedule of Events

- Teleconference: Thursday, October 21 (10am PDT)
 - Status summary
 - Problem statement and proposed resolution process.
 - Solicit proposals to complete channel definition and normative specification methodology.
- Teleconference: Thursday, November 5 (10am PST)
 - “Proposal Preview”



“Augmented” vs. “Current” Practices

- “Augmented” Practices Model

- Basis of the channel model ad hoc’s work to date.
- Flexible model, except significant stub effects not tolerated.

- “Current” Practices Model

- Consistent with what is being done in ATCA systems today.
- Shorter (than 1m) channels:
 - 20” dual-star, hub cards centered in the chassis
 - up to 31” full-mesh, or dual star with hub cards located at either end of the chassis
- Lower-cost materials may be employed.
- More significant stub effects than those currently allowed in “augmented” practices model.
- Does not necessarily represent the entirety of the installed base.



Straw Poll Questions

- Should 1000BASE-KX support “current practices”?
 - Y: 21, N: 3
- Should 10GBASE-KX4 support “current practices”?
 - Y: 20, N: 4
- Should 10GBASE-KR support “current practices”?
 - Y: 13, N: 11



Thank you!