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# **802.3bp Channel Definitions Ad Hoc Report**

**York, UK  
Sept 2013**

**Ad hoc – co-chairs  
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# Cabling channel Ad Hoc

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- **Ad Hoc meeting:**
  - **Follow-on conference calls since last report;  
August 8, August 15, August 29**
- **Summary:**
  - **Creation of baseline channel consensus proposal for  
presentation at September Interim....**

# Summary minutes

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- Reviewed IL proposal in (802.3bp baseline proposal-D0.2.pdf) updated with ILD term
  - Discussion outcome: Consider IL proposal slide 16 ( 802.3bp baseline proposal-D0.2.pdf) and IL proposal slide 5 (herman\_3bp\_01\_0713.pdf) for baseline proposal discussion in York.
- Reviewed RL and alien crosstalk proposals (herman\_3bp\_01\_0713.pdf)
  - Discussion outcome: consensus to include RL proposed limit (slide 10 - limit line in green- herman\_3bp\_01\_0713.pdf) for baseline proposal discussion in York
  - Consensus to include PSANEXT proposed limit (slide 11 herman\_3bp\_01\_0713.pdf) for baseline proposal discussion in York
  - Consensus to include PSAACRF proposed limit (slide 13 herman\_3bp\_01\_0713.pdf) for baseline proposal discussion in York

# Summary minutes

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- Balance specifications (Mehmet RTPGE\_EMC\_Limit\_Lines\_06662013.pdf)
  - Discussion outcome: Mehmet to bring a revised proposal for baseline proposal review discussion in York
- Time domain channel representation resulting from insertion loss (IL) (Anand Dabak dabak\_3bp\_01\_0813)
  - Discussion outcome: Link segment measurements (magnitude and phase) to be provided for PHY evaluation
- Reviewed presentation on cable balance measurements - (Michael Rucks RTPGEBalanceTestchannel\_cableonly.pdf)
  - Discussion: Mode Conversion Limit Line proposed by Mehmet on slide 9 in RTPGE\_EMC\_Limit\_Lines\_06662013.pdf is very difficult meet and test fixtures and measurement methods are critical to achieving accurate balance of DUT.

# Summary minutes

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- Reviewed presentation on EMC/channel ad hoc discussion of balance parameter requirements (Stefan Buntz - buntz\_3bp\_01\_0829.pdf)
  - Discussion: Stefan provided clarification of the different kinds of “link segments” under discussion as related to balance parameter discussion.
- Car manufacturer feedback on cabling
  - Requirements questionnaire responses (Kirsten Matheus 20130820\_Matheus\_ResultOEMquestions\_v01.pdf)
  - Kirsten presented results and her conclusions
  - Material to be included in ad hoc area for reference