

MMF ad hoc report

Jonathan King, Finisar, MMF ad hoc chair

IEEE P802.3bm, Geneva, July 2013

MMF ad hoc activity since Victoria meeting

- Six well attended MMF ad hoc calls: May 30th, June 13th, 20th and 27th, July 3rd and 11th, 2013
 - Meeting minutes and presented materials are available on the 40G & 100G FOTF website: <http://www.ieee802.org/3/bm/public/mmfadhoc/index.html>
- Highlights:
 - Skew variation calculated for 100 m OM4 link ([kolesar_01_0613_mmf](#))
 - Discussion of extended wavelength range receivers for 100GBASE-SR4 ([jewell_01_0513_mmf](#), [jewell_01_0613_mmf](#))
 - Agreed TDP and SRS test methodology and format within clause 95, resulting in proposed text for the relevant sections in clause 95 ([king_01_0613_mmf_TDP](#), [king_02_0613_mmf_SRS](#))
 - The format is similar to clause 86: reference clause 52 for TDP and SRS tests, and add lists of appropriate exceptions; and add a separate section for a receiver jitter tolerance test, referencing clause 68, with a list of appropriate exceptions.
 - Discussion and agreement of how to calculate TDP and SRS test conditions and values ([Optical_system_budgeting](#) (Mike Dudek), [petrilla_01_0613_mmf](#))
 - TDP: low bandwidth reference receiver approach, similar to clause 86.
 - SRS: VECP, J2 and J4 test conditions, and a proposal to add an SRS test source eye mask test.

MMF ad hoc looking forward

- Further work:
 - Continue work on the 100 m MMF reach PMD:
 - Fine tune parameters, eliminate TBDs and items for further study
 - The MMF ad hoc is a good place to air and agree upon remedies to the more controversial comments against the draft.
- Next meetings: yes ... dates to be determined