

Fellow HSSG Members ;

I have arranged a teleconference of the HSSG-FO adhoc for next Monday 12/18/06 at 10:00 - 12:00am PDT.

Toll Free: ~~1-866-448-1303~~ **866-480-9994**
 Toll: ~~1-768-515-6914~~ **574-941-6155**
 Call ID: 7851633

The Agenda will be to continue discussion of HSSGFO alternative proposals.

If you have a proposal/presentation for how to achieve our objectives, please submit any presentations to me as described on the HSSG website (<http://www.ieee802.org/3/hssg/public/presentproc.html>) before 12pm PST on Friday 12/15/2006 so that I may get them posted for others to review prior to the teleconference.

Below, I have a table of options under consideration. In addition, there was discussion at the last teleconference about MAC/PHY interface and whether we should/can leverage a common interface for SM and MM. If you have any thoughts on this matter, please bring in a presentation.

I look forward to hearing you at the teleconference. Please be prompt.

Regards,

Dan Dove
 HSSGFO Adhoc Chair

Objective	λ	# Lanes	~Lane Rate (Gb/s)	Source	Mux	Grid
10km SMF	1550 nm	10	10	Cooled EML	DWDM	200 GHz G.694.1
	1550 nm	10	10	Un-cooled DML	CWDM	20 nm G.694.2
	1310 nm	5	20	Cooled EML	DWDM	200 GHz G.694.1
	1310 nm	5	20	Un-cooled DML/EML	CWDM	20 nm G.694.2
	1310 nm	4	25	Un-cooled DML/EML	CWDM	25 nm 802.3 LX-4
	1310 nm	2	50	DQPSK	Single λ	n/a
Objective	λ	# Lanes	~Lane Rate (Gb/s)	Source	Cable	Mux
100m MMF OM3	850 nm	12 (8B/10B)	10	VCSEL	MPO ribbon (12 x 2)	12xSDM
	850 nm	10 (64/66)	10	VCSEL	MPO ribbon (12 x 2)	10xSDM
	840/860 nm	10 (64/66)	10	VCSEL	MPO ribbon (12 x 1)	2xWDM and 5xSDM
	840/860 nm	12 (8B/10B)	10	VCSEL	MPO ribbon (12 x 1)	2xWDM and 6xSDM
	835/850/865 nm	12 (8B/10B)	10	VCSEL	MPO ribbon (12 x 1)	3xWDM and 4xSDM