

Time to Market Considerations

Next Generation 100Gb/s Ethernet Optics Study Group
IEEE 802.3 Plenary Meeting
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Discussion

- The following were identified as NG 100G OE CFI objectives:
 - Density increase
 - Cost reduction
 - Power reduction
- There is a fourth critical objective:
 - Time to market
- Quick time to market NG 100G OE:
 - CAUI-4
 - 100GE-SR4 (single reach MMF)
- Medium time to market NG 100GE OE:
 - CAUI-4
 - 100GE-SR4
 - Study support of a common optics and –CR4 port
 - Study applicability of –CR4 FEC to MMF optics, including AN option

Discussion, cont.

- Long time to market NG 100GE OE:
 - CAUI-4
 - 100GE-SR4
 - Study support of common optics and –CR4 port
 - Study applicability of –CR4 FEC to MMF optics, including AN option
 - Study new structured data center SMF optics technologies
 - Study applicability of –CR4 FEC to SMF optics, including AN option
- NG 100GE OE TF content maybe decided during the March, 2012 Plenary meeting
 - Two left meetings for solid technical feasibility proposals
 - Two meetings left to ponder what kind of project we should have