

IEEE 802.3 HSSG objectives to include 40 G

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IEEE 802.3 HSSG
May, 2007
Geneva, CH

Objectives

- Support a speed of ~40 Gb/s at the MAC/PLS service interface while ensuring compatibility with OTN infrastructure
- Define a family of physical layers for 40 Gb/s operation
 - Support at least 100 m on OM3 MMF
 - Support at least 10 m over a copper cable assembly
 - Support at least 1 m over a backplane

Motion

- Adopt the objectives for 40 Gb/s operation shown on slide 2 of frazier_07_0507
- M: H. Frazier
- S: S. Van Doorn
- All Y: 41 N: 17 A: 10
- 802.3 Y: 28 N: 8 A: 4
- Technical $\geq 75\%$