Modifications to IEEE 802.3
HSSG objectives to include 40 G

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Supporters

- Schelto Van Doorn – Intel
- Ilango Ganga – Intel
- Shimon Muller – Sun
- Andy Bechtolsheim – Sun
- Osamu Ishida – NTT
- Shoukei Kobayashi – NTT
- Paul Kolesar – CommScope
- Bruce Tolley – Solarflare
- David Martin – Nortel
- Brad Turner – Juniper Networks
- George Oulundsen – OFS
- Robert Lingle, Jr. – OFS
- Ali Ghiasi – Broadcom
- Petar Pepeljugoski - IBM
Objectives

• Support a speed of 40 Gb/s at the MAC/PLS service interface

• 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