

# Towards IEEE 802.3av D0.91

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# Current Status

- Draft 0.9 of Clauses 64, 91 and 92 is ready (see our private directory):
  - Clause 64: “Multipoint MAC Control”
  - Clause 91: “Physical Medium Dependent (PMD) sublayer and medium, type 10GBASE-PR10, 10GBASE-PR20 and 10GBASE-PR30 (10 Gbit/s long wavelength passive optical networks)”
  - Clause 92: “Extensions of the Reconciliation Sublayer (RS) and Physical Coding Sublayer (PCS) / Physical Media Attachment (PMA) for 10GBASE-R for multipoint links and forward error correction”

# Migration towards D0.91 [1]

- Changes to incorporate – motions from Seoul 09 2007 meeting:
  - “PR-10 ONU receiver shall use sensitivity typical of a PIN-PD.” – motion #5
    - Affects: Clause 91
  - “The wavelength range for the OLT transmitter and ONU receiver shall span from 1574 to 1580 nm for power class PR30.” – motion #9
    - Affects: Clause 91

# Migration towards D0.91 [2]

- Changes to incorporate – motions from Seoul 09 2007 meeting:
  - “ONU for PR20 shall have sensitivity typical of PINs and ONU for PR30 shall have sensitivity typical of APDs.” – motion #12
    - Affects: Clause 91
  - “PMDs with two Tx power levels shall be specified for the OLT.” – motion #13
    - Affects: Clause 91

# Migration towards D0.91 [3]

- Changes to incorporate – motions from Seoul 09 2007 meeting:
  - “One OLT PMD shall be specified with the parameters typical of High Power EML and one OLT PMD shall be specified with the parameters typical of EML with booster amplifier.” – motion #14
    - Affects: Clause 91
  - „Adopt modifications to Discovery GATE and REGISTER\_REQ as defined in 3av\_0709\_lynskey\_3.pdf.” – motion #15
    - Affects: Clause 64

# Migration towards D0.91 [4]

- Changes to incorporate – motions from Seoul 09 2007 meeting:
  - „PR10 and PR20 ONU transmitter shall have parameters typical of a DML.” – motion #17
    - Affects: Clause 91
  - „PR10 and PR20 OLT receiver shall have parameters typical of an APD.” – motion #18
    - Affects: Clause 91
  - „PR30 OLT transmitter shall be specified with parameters typical of High Power EML.” – motion #21
    - Affects: Clause 91

# Migration towards D0.91 [5]

- Changes to incorporate – motions from Seoul 09 2007 meeting:
  - „PR20 OLT transmitter shall be specified with parameters typical of EML with a booster amplifier.” – motion #22
    - Affects: Clause 91
  - „PR10 OLT transmitter shall be specified with parameters typical of High Power EML.” – motion #23
    - Affects: Clause 91

# Motion #24

802.3av Task Force authorizes the Editors to create Draft version **0.91** of Clauses **64**, **91** and **92**. The said Clauses shall incorporate all relevant baseline proposals as listed in **3av\_0709\_hajduczenia\_4.pdf**.

Moved by: Marek Hajduczenia

Seconded by: Duane Remein

Motion approved by voice without opposition.