

MDIO electrical interface ad-hoc report

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Ad-hoc formation

- Chartered at the November Plenary to return to the January meeting with a recommendation for the MDIO electrical interface
- Both 802.3ae and 802.3af members were invited to participate
 - 20 from 802.3ae, 12 from 802.3af.
- Thank you to all those who took part

Ad-hoc findings

- Mindful to select an interface with a long life
 - Compatible with lower voltage devices in the future
- The ad-hoc recommends the adoption of the JEDEC standard interface JESD8-11
 - Available for download at www.jedec.org
 - Search for JESD8-11
 - 1.5v power supply for ‘normal range’
 - 0.9v - 1.6v power supply for ‘wide range’
 - Additional limited interoperability with HSTL (JESD8-6)

Conclusion

- Believe that the ad-hoc work is now complete
- Ask that the ad-hoc be officially closed
- Ask that the recommended JESD8-11 interface be adopted for the MDIO electrical interface and referenced in the next version of the draft
- Questions / comments / concerns ?