

To: IEEE 802.3ae  
From: TIA FO-2.2.1  
Subject: Requested input on multimode launch work for 10GbE  
Date: March 6, 2000

The TIA FO-2.2.1 WG started a development effort aimed at defining launch recommendations for a new 50um fiber at an interim meeting in December of 1999. The outcome of this work will lead to validation of system performance to support the multimode fiber objectives for the 10 GbE standard currently scheduled for completion by March of 2002.

A schedule was developed largely mirroring the IEEE 802.3ae schedule and a summary of that meeting was reported at the interim meeting of the HSSG in January. Multiple vendors have now demonstrated technical feasibility of the new fiber proposal and FO-2.2.1 is now ready to move to the next phase of our test methodology development.

FO-2.2.1 has developed the following list of needs that we would like to ask IEEE 802.3ae to consider. We would appreciate the input of IEEE 802.3ae and confirmation that TIA FO-2.2.1 progress is consistent with your requirements.

1. Immediate needs

- Additional support / participation by technical experts
- A range of source and fiber samples for initial measurement development

2. Inputs needed by July 2000

- Source and fiber samples for validation
- Specific EMB requirement
  - Requires accepted performance model similar to 1 GbE
- Source launch requirements

Thank you for your kind consideration in this matter.

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