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TITLE: Liaison letter regarding the CEI-25G project to the IEEE 802.3 HSSG

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ABSTRACT: This is a liaison letter regarding the CEI-25G project to the IEEE 802.3 HSSG.

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As you may know, we are working on a project known as "Common Electrical Interface, 25 Gb/s" (CEI-25) whose aim is to define a series of high speed electrical interfaces useful in both chip-to-chip and backplane applications. CEI-25 may be of eventual use by the 802.3 HSSG in the definition of a 4 or 5 lane PMD. It should be noted that our earlier CEI-11G Implementation Agreement was used as input to the 802.3ap project and was hopefully of assistance to that project.

We are targeting a 28 Gb/s short reach interface as the first Implementation Agreement to develop as part of this project. We have selected NRZ signaling as the signaling approach for this interface and are soliciting baseline text proposals for our February 5-7, 2008 meeting in Fort Lauderdale, Florida. We would welcome input from OIF member companies or IEEE 802.3 liaison on potential requirements and electrical parameter values at our February meeting.

Sincerely,

Lyndon Ong, Chair, OIF Technical Committee

David Stauffer, Chair, OIF Physical Layer WG