To : T10 Technical Committee
From : Sriram Srinivasan and Brian Day, LSI Logic Corporation
Date : April 9, 2001
Subject : Clarification on Using Streaming Transfers

SPI-4 does not mandate the use of streaming transfers during reads if the RD_STRM bit in the PPR message has been negotiated to a one or during writes if the WR_FLOW bit in the PPR message has been negotiated to a one. However there is some ambiguity in the wordings immediately preceding table 30 and the requirements placed by table 30 on the use of the P_CRCA signal given that the RD_STRM or WR_FLOW bit were "enabled".

We propose that SPI-4 explicitly state that even if the RD_STRM or WR_FLOW bits have been negotiated to a one, i.e. "enabled", a target can choose to complete a given data transfer either entirely in a non-streaming mode or using a combination of data and data stream information units or using data stream information units alone and that the use of the P_CRCA signal applies only to the data stream information units (which Table 30 is already clear about).