

To: T10 Technical Committee  
From: Steven Fairchild, HP ([steve.Fairchild@hp.com](mailto:steve.Fairchild@hp.com))  
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Subject: Remove SMP Phy Control Function, ENABLE

The purpose for this proposal is to remove the SMP Phy Control Function, ENABLE since it is redundant.

The current SAS working document implies that a phy may be enabled without going through a link reset sequence after being DISABLED. A phy will always do a link reset sequence when enabled. This means that the SMP Phy Control functions LINK RESET and ENABLE are effectively identical.

Suggest the following changes;

1. Remove the SMP Phy Control Function, ENABLE from table 128.
2. Change the description for the SMP Phy Control Function, LINK RESET in table 128 to read; Perform a link reset sequence (see 4.4) and enable the specified phy.
3. Renumber the SMP Phy Control Functions to reflect the removal of ENABLE.
4. Clarify that Near End Loopback returns an error if phy is disabled
5. Clarify that Clear Error Log is independent of the phy being disabled