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Subject: SAS-1.1, phy reset problem count clarification

## Introduction

The phy reset problem count is intended to count one specific type of problem that occurs during the phy reset sequence, i.e., the number of times the "...phy does not obtain dword synchronization during the final speed negotiation window..." However, the name of the field could be misleading, and the description of the field in 10.4.3.6 REPORT PHY ERROR LOG function is not as specific as it might be. The following proposal clarifies the description of this counter. This proposal is based on SAS1r05.

1) Change the name of the PHY RESET PROBLEM COUNT field to the FINAL SPEED NEGOTIATION FAILURE COUNT field.

2) Change the description of the field in 10.4.3.6 REPORT PHY ERROR LOG function to be as follows:

The ~~PHY RESET PROBLEM COUNT~~FINAL SPEED NEGOTIATION FAILURE COUNT field indicates the number of times the phy did not obtain dword synchronization during the final speed negotiation window during a phy reset sequence ~~has failed~~ (see 6.6.4.2). The count shall stop at the maximum value.