SAS Output characteristics of the READY LED signal T10/02-353r0

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To: T10 Technical Committee

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Subject: SAS Output characteristics of the READY LED signal

The SAS PHY working group has suggested the following change to Table 11. It is based on the improvements in LED performance, the shift to smaller process geometries of ASIC's and their lower voltages, and the 3.3V supply requirement of SAS.

Table 11. Output characteristics of the READY LED signal

State	Output current	Output voltage
Drive LED off	-100 μ A < I _{OH} < 100 μ A	$0 < V_{OH} < 5.5 V$
Drive LED on	I _{OL} > 30 mA	$0 < V_{OL} < 0.5 V$

Change to:

State	Output current	Output voltage
Drive LED off	-100 μ A < I _{OH} < 100 μ A	0 < V _{OH} < 3.6 V
Drive LED on	I _{OL} > 15 mA	0 < V _{OL} < 0.2 V