

# memorandum



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To INCITS T10 Committee      From Michael Banther, HP      Subject ADC-2 Support for 10 Gb/s Fibre Channel Operation      Date 28 July 2005

## Revision History

Revision 0 – Initial document.

## Background

The Fibre Channel protocols have evolved to support 10 Gb/s operation. The Fibre Channel descriptor parameter in the DT Device primary Port sub-page of the ADC Device Server Configuration mode page contains a SPEED parameter that allows the automation application client to indicate, 'the bit rate ... in which the DT device primary port is configured to operate.' The table that relates parameter values to bit rates does not include a value for 10 Gb/s operation.

This proposal adds a value to the Speed Values table of ADC-2 for 10 Gb/s Fibre Channel operation.

## Changes to draft standard

### 6.2.2.3.3 Fibre Channel descriptor parameter format

The SPEED field indicates the bit rate (see table 44) in which the DT device primary port is configured to operate.

**Table 44 – Speed Values**

Value	Speed
000b	1 Gb/sec.
001b	2 Gb/sec.
010b	4 Gb/sec.
011b	8 Gb/sec.
100b	10 Gb/sec.
<del>100b</del> 101b – 111b	Reserved