ONFI Technical Errata

Errata ID	**008**
Affected Spec Ver.	**ONFI 2.0, 2.1, 2.2**
Corrected Spec Ver.	

Submission info

Name	Company	Date
Amber Huffman	Intel	04/05/10

The section on the Interleaved Read command describes using 00h to begin data transfer after a status read operation. However, before reading data the host is required to do a Change Read Column Enhanced command. The language regarding issuing 00h before data transfer should be removed for Interleaved Reads.

Description of the specification technical flaw

Modify section 6.6 on Interleaved Read as follows:

The Read command reads a page of data identified by a row address for the LUN specified. The page of data is made available to be read from the page register starting at the column address specified. With an interleaved operation, multiple reads can be issued back to back to the LUN, with a shorter busy time between issuance of the next read operation. Figure 89 defines the behavior and timings for issuing two interleaved read commands. Figure 90 defines the behavior and timings for reading data after the interleaved read commands are ready to return data.

Cache operations may be used when doing interleaved read operations, as shown, if supported by the target as indicated in the parameter page. Refer to section 5.7.1.27.

~~While monitoring the interleaved read status to determine when the tR (transfer from Flash array to page register) is complete, the host shall re-issue a command value of 00h to start reading data. Issuing a command value of 00h will cause data to be returned starting at the selected column address.~~

Change Read Column Enhanced shall be issued prior to reading data from a LUN. If data is read without issuing a Change Read Column Enhanced, the output received is undefined.

Disposition log

04/05/2010	Erratum captured.
06/07/2010	Erratum ratified.

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