



Product Change Notice

Product Model Name: LX 8000 Drives
Date: 11/26/02
Reference ECO No: 15198

Reason For Change

This PCN announces the release of LD 8100/LF 8120/LF 8600/ LF 8602 Firmware revision D07. The firmware is available at no cost from Plasmon Inc. via the Plasmon we site, www.plasmon.com.

Refer to Table 1 for the LX 8000 Micro-code history.

Description of Changes

Firmware Changes

1. Modifications to address 8K Uncorrectables (03/10/00/06) errors:
 - Removed the ability to rewrite a missing map sector, now the drive will go Read Only when it encounters a missing map sector.
 - Added the "AltReScan" DOC utility to help recover missing mappings (different from map sectors).
 - Modified the RecoverMaps algorithm for the case where there is more than one good map sector for a unique map id. Previous firmware versions would always use the most recently written map sector. D07 firmware uses the map sector with the most valid mappings.
 - Removed the qualification pass from AltScan() and RecoverMaps(). This will allow full retries in Media Management Recovery (versus a maximum of 50 retries in prior codes).
2. Corrected Read Only logic to recover both sides of Media Management Recovery.
3. Corrected page 13 logic so OMA/RWS EEPROM data is only output once to dpr.txt.
4. Fix for drive hangs (WOODI LED 2) on power up during Xilinx load seen in manufacturing.
5. Fix for CDE 0x4B5 errors on post D04B Access Event Log Commands.
6. New RWS code with fix in new Xilinx to address AETNA 6K read problems.

Specific Xilinx changes:

1. Retarded the servo interrupt global clock enable signal (DEFEN=RWSXPGA/N00157) 4 SCLK cycles to flag servo interrupts later (made the same as D05 and earlier).
2. Require 3 CLKDEF's in a row (rather than 2 out of 3) to generate OPEN_WOW.

Impact On Spare Parts

There is no impact on spare stocking. All future spare shipments will be released with the current code level.

Impact On Documentation

All changes will be in the next SCSI Interface Specification, (P/N 97662164). The next revision will be E.

Impact on Applications

Prior to installing D07 firmware in a drive that is utilizing a FileNet application, it is mandatory that the application have IDMMIS 3.5.0 Service Pack 2 and the August 2002 TechInfo CD installed.

Contact FileNet CSS at 1-800-624-4877 for information on obtaining and installing these components.

Date Of Implementation

The changes have been incorporated in all units shipped after 09/27/02

Tests Performed

Design Verification Test (DVT), Engineering and Manufacturing testing performed prior to release.

Table 1, LX 8000 Micro-code History (09/9/02)

CODES	WOODI	DPC	RWS	WOODI	DPC	RWS
P/N	2413	4760 1665	3975			
D01	000309	700110	600204	----	----	----
D02	000315	700302	600310	----	----	----
D03	000502	700315	600502	----	----	----
D03A	000620	700524	600613	----	----	----
D04	000901	700524	600811	----	----	----
* D04A	010409	710301	610309	----	----	----
D04B	010416	710301	610309	----	----	----
D05	011210	710712	611110	----	----	----
D06	020320	710712	620227	----	----	----
D06A	020520	710712	620227	----	----	----
D07	020903	710712	620812	----	----	----

* D04A Firmware has been recalled.

Contact information for technical questions:

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