

DSI Library Controller (TCPIP) Firmware Changes

4.003.069

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1. Fixed a problem in the TCP/IP HostSend routine. Net_Write error code of -1 was backing up the buffer send pointer and counter. The -1 is now checked and does not affect the buffer pointers. On a Net_Write error a wait of ¼ second is invoked before retrying. After 10 retries the routine will error out.

4.003.068

1. Support for Plasmon G series MO libraries added. Differentiate between how DISC Orion and Plasmon return bar code information.

4.003.067

1. STK libraries do not set drive access bit like all other libraries. So, if drive is full, set access bit on for them.
2. No longer log the waiting for drive to eject the tape error 05 3A 00, since it is not really an error. It just fills the log up.

4.003.066

1. P3000 support. Do not error out if turning off serialization does not work.
2. STK9730 support. Change the length of descriptor space on read element status. Now all libraries are given 104 bytes per descriptor. This covers the STK descriptor length and also covers the ATL P series with serialization turned on.
3. Reset 'phase' to zero on all switch statement 'default' routines.
4. When a DISC library tells us to REZERO unit, we will still send a REZERO to the library, but now we will also send a E00001 error back to the host telling him something went wrong on the last command.
5. Implement the PCWatchDog timer board. If the PC somehow locks up, the PCWatchTimer board will reboot the PC to start again.

4.003.065

1. Removal of the 'Disable asynch' and 'Enable asynch' calls in the main loop.
2. Remove three PCTCP.INI file entries used to get around interrupts.
3. Make spinny wheel for both the main loop and the aspi call timeout loop.

4.003.064

This release is for TCPIP based controllers only.
Deleted the need for TCPLIBLK. Rewrote and combined TCPLIBLK with TLINK to a new firmware file TLINKIP. This release is meant to be one host and one library with TCPIP, very simple interface, no interrupts, no OS calls, just a simple loop design with one message in equals one message out. Deleted the support for IGM and SSCL interfaces. Deleted the Multihost interface. Only support one library command at a time. Changed the SCSI timer loop to reboot the PC if a two-minute timeout is reached (nine minutes for a lib init). This will catch any SCSI commands that were left in limbo. The only way to get out of a library hang is to reboot the controller which allows the Adaptec card to do a bus reset and set everybody to ground zero.