

ENDL

TEXAS

Date: 5 March 2000
To: T10 Technical Committee
From: Ralph O. Weber
Subject: EXTENDED COPY Works in Progress

I've been discussing corrections and enhancements to the EXTENDED COPY command with members of the SNIA Backup Working Group, specifically David Chambliss (IBM) and Terence Kelleher (Pathlight). This document is to inform the T10 Working Group of the areas being discussed. This is not a proposal for changes.

Corrections:

- Cleanup ambiguities in the definition of `CAT=1`
- Add details regarding the handling of `SILI=1`
- Specify how errors are reported for data underrun, data overrun, and NO SENSE

Enhancements:

- Provide for handling of "recoverable errors", errors with the `SENSE KEY` equal to NO SENSE, RECOVERED ERROR or UNIT ATTENTION
- Provide for read ahead operations
- Add more (optional) tests to the Verify Device Operation segment descriptor
- Make RECEIVE COPY RESULTS service action code 1Fh vendor specific
- Add RECEIVE COPY RESULTS service action that returns failure details
- Add a "pipe" segment descriptor
- Add a copy inline data to block device segment descriptor