

Tape Alert Cleaning Clarification

Ray Gilson & Roger Cummings
Symantec

Action Item

- Produce a proposal to describe the events that shall activate and deactivate the cleaning related tape alert flags and to add a second flag for predictive failure of the medium.
 - Second piece is garbled because the minutes (05-356r0) say “Roger took an action item to bring in a proposal dealing with the cleaning class of tape alert flags and possibly to add clarification to the Predictive Failure flag.”
 - Original proposal was 05-339r0
 - We have no clarification currently for Predictive Failure

TA Cleaning Flags

- Proposal 05-339r0 requested making these flags mandatory again (as they had been in SSC-2)
 - 0Bh Cleaning media
 - 14h Cleaning required
 - 16h Expired cleaning media
- Other cleaning-related flags
 - 15h Cleaning requested
 - 17h Invalid cleaning tape

0Bh Cleaning media

- Activated
 - When cleaning media is loaded
- Deactivated
 - Start of next media load

14h Cleaning required

- **Activated**
 - When the drive first discovers that a cleaning cycle may be necessary. (Drive operation will continue)
- **Deactivated**
 - Start of next media load after drive considers cleaning complete

15h Cleaning requested

- Activated
 - When a limited number of media loads can be performed until flag 14h is set.
- Deactivated
 - Start of next media load after drive considers cleaning complete

16h Expired cleaning media

- Activated
 - When the lifetime of the loaded cleaning media will be passed before the cleaning operation is complete.
- Deactivated
 - Start of next media load

17h Invalid cleaning tape

- **Activated**
 - When the media that has been loaded does not support the required cleaning operation.
- **Deactivated**
 - Start of next media load