Tape Alert Cleaning Clarification

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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.

• Deactivediated
  – 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