

memorandum



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T10/07-289r1

To	From	Subject	Date
INCITS T10 Committee	Curtis Ballard, HP Michael Banther, HP	ADC-2 LB Comment HPQ-198 Clarify Setting INTFC bit	9 July 2007

Revision History

Revision 0 – Initial document.

Revision 1 – Changes from July 2007 T10 meetings

Changed from requirement that INTFC bit not be set until after log sense to a “may” statement and clarification that set to zero may indicate the log has not been retrieved.

Stuck statement for when INTFC bit should be set to zero as that was required by previous statements.

Related Documents

adc2-r07e – Automation Drive Interface Commands - revision 07e

Background

Letter ballot comment HPQ-198 asks: “Does this mean the INTFC bit should not be set until after the I_T nexus has retrieved the DT device primary port status log page for the first time?” The following proposal suggests changes to the ADC-2 text for the requirements on setting the INTFC bit in the VHF data log page to clarify the behavior.

In the proposed changes that follow, new text appears in **blue**, deleted text appears in **red strikeout**, and editorial comments appear in **green**.

Changes to ADC2r07e

6.1.2.2 Very high frequency data log parameter

Note: Most of the text in this section is not changed and is not repeated here. The following text is the first paragraph on page 36.

An interface changed (INTFC) bit set to one indicates that one or more fields in the DT device primary port status log parameters (see 6.1.2.4) have changed since the last retrieval of any of the DT device primary port status log parameters from the DT Device Status log page by this I_T nexus. **If one or more fields in the DT device primary port status log parameters have changed since a primary port has been enabled, then the device server may set the INTFC bit to one before any of the DT device primary port status log parameters have been retrieved from the DT Device Status log page by this I_T nexus.**

An INTFC bit set to zero indicates that ~~one or more~~ no fields in the DT device primary port status log parameters have ~~not~~ changed since the last retrieval of any of the DT device primary port status log parameters by this I_T nexus. ~~The INTFC bit is set to zero after retrieval of any of the DT device primary port status log parameters from the DT Device Status log page by this I_T nexus.~~

An INTFC bit set to zero may indicate that none of the DT device primary port status log parameters from the DT Device Status log page have been retrieved by this I_T nexus since the last hard reset condition.