

TO: T10 Membership
FROM: Paul Suhler, Quantum Corporation
DATE: 18 September 2007
SUBJECT: T10/07-404r1, ADI-2 Working Group Report to Plenary, September 2007

General

The Automation/Drive Interface – 2 working group met in Vancouver, BC, on 17 September 2007 from 9:05 AM until 3:15 PM. There were eight participants representing six companies. The minutes have been posted as 07-405r0.

As it had appeared after the July meeting that Paul Entzel would be unable to serve as ADC-3 editor, a call for editor was issued to members of the group. Geoffrey Barton, Overland Storage, initially responded, but had to withdraw the offer. It now appears that Paul Entzel may be able to serve. The group decided at this month's meeting to proceed with consideration of ADC-3 proposals despite the uncertainty.

Michael Banther notified the group that his T10 participation will be curtailed immediately following the January 2008 meeting. We issued a call for a new secretary to assume his duties; there have been no volunteers at this time.

ADT-2 Status

The group reviewed one proposal for ADT-2 (07-321r2, ADT-2 Negotiation state machine, Banther). It was approved as modified for inclusion in ADT-2. At this time there are two proposals pending initial submission to complete ADT-2.

We hereby issue a call for final technical input to ADT-2 for the November 2007 T10 Plenary week.

ADC-3 Status

The group reviewed one proposal for ADC-3 (07-164r2, Automation encryption control, Ballard). The author will revise it and it will be reconsidered at the next teleconference.

Future Meetings

We request permission to hold three teleconferences before the next plenary week: 26 September, 10 October, and 31 October, 8:00 AM – 10:00 AM PDT each day. Quantum will host these calls.

Meeting requirements for November will be the same as for this week, with the SMC-3 meeting beginning as soon as the ADI-2 meeting concludes.

ADC-2 Issue

After conclusion of the meeting, the project leader was informed that INCITS had raised a question about ADC-2 revision 8. The editor, Paul Entzel has proposed a correction, but INCITS requests that the T10 membership verify that the correction is non-substantive so that a second public review will not be necessary.

Issue Summary by John Lohmeyer:

The public review on ADC-2 (INCITS 441-200x) closed on Monday Sept 17th with no comments received.

However the ANSI editor, Harvey Rosenfeld, noticed an inconsistency in the text in section 6.1.2.4.2 (just below Table 22) that reads: "The CURRENT SPEED field indicates the bit rate at which the DT device primary port is currently operating. Table 43 defines the valid values for the CURRENT SPEED field. The CURRENT SPEED field shall be ignored when the PIC bit is set to zero." He notes that Table 43 and its introductory text refer to the SPEED field, not CURRENT SPEED.

Paul Entzel's recommended solution to this inconsistency is to make two changes:

1. Change the sentence immediately before Table 43 from:
The SPEED field contains the bit rate (see table 43) in which the DT device primary port is configured to operate.
to:
The SPEED field contains the bit rate in which the DT device primary port is configured to operate. Table 43 defines the valid values for the SPEED field.
2. Change the Table 43 title from:
Table 43 SPEED field
to:
Table 43 Fibre Channel speed values

The INCITS Secretariat has requested that I conduct a T10 vote on this matter to confirm that this change is non-substantive/editorial only. Please review this change to verify that you believe it is not substantive (technical). The T10 vote will be Thursday September 20th.

Proposed Resolution for Plenary Vote:

"That T10 approve the ADC-2 pre-edit changes summarized above as non-substantive editorial changes."