

## T10/06-226r0 ADC-2 Add Encrypting field in VHF data

To: T10 Technical Committee  
From: Noud Snelder, BDT (noud.snelder@bdt.de)  
Date: 04 May 2006  
Subject: T10/06-226r0 ADI-2 Add Encrypting field in VHF data

### Revision History

Revision 0 (04 May 2006): initial revision  
Revision 1 (05 October 2006): modified ENCEN bit into two field values for DT DEVICE ACTIVITY field based on comments from ADI WG meeting in May.

### Related Documents

ADC-r07 – Automation Drive Interface Commands - 2 revision 7

### Overview

Media changer devices use the DT DEVICE ACTIVITY field to report the activity of the DT device to the user. Currently new proposals are discussed in SSC-3 that adds encryption as a feature to the DT device. This proposal adds two DT DEVICE ACTIVITY field values to table 18. These new field values return information whether the DT device is reading or writing encrypted.

### Suggested Changes to ADC-2

**Table 18 — DT DEVICE ACTIVITY field values**

Value	Description
00h	No DT device activity
01h	Cleaning operation in progress
02h	Medium is being loaded
03h	Medium is being unloaded
04h	Other medium activity
05h	Reading from medium
06h	Writing to medium
07h	Locating medium
08h	Rewinding medium
09h	Erasing medium
0Ah	Formatting medium
0Bh	Calibrating medium
0Ch	Other DT device activity
0Dh	Microcode update in progress
0Eh	Reading encrypted from medium
0Fh	Writing encrypted to medium
10h – 7Fh	Reserved
80h – FFh	Vendor-specific DT device activity