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To: John Lohmeyer, Chairman X3T9.2
From: Mike Eneboe

Subject: Flexible Disk Drive Interface, Pin 1 Definition - Mode Sense/Select, Page 5
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There are various vendors of 3.5" Flexible Disk Drives (FDD) which allow clearing of the DISK CHANGE signal by toggling of a DISK CHANGE RESET line on Pin 1 of the FDD interface.

This proposal is for incorporation of the following Pin 1 definition in the remaining 4 bits of byte 27 of Mode Sense/Select, Page 5.

<div align="center">

**MODE SENSE/SELECT COMMANDS
FLEXIBLE DISK DRIVE GEOMETRY PARAMETERS.
Page code 5**

</div>

Bit Byte	7	6	5	4	3	2	1	0
. . .								
27	PIN 4 Definition				PIN 1 Definition			
. . .								

Pin 1 Definition (byte 27) bits 2,1, and 0 define Pin 1 of the Flexible disk drive interface which is used differently by drive vendors and drive models. The following setting allows the initiator to select how Pin 1 shall be interpreted by the target.

```
Bit   7    6    5    4

      P    0    0    0     OPEN. The controller does not use Pin 1.
      P    0    0    1     DISK CHANGE RESET
      P    0    1    X     RESERVED
      P    1    X    X     RESERVED
      |
      ------ Polarity Bit - "0"  Active Low
                           "1"  Active High
```