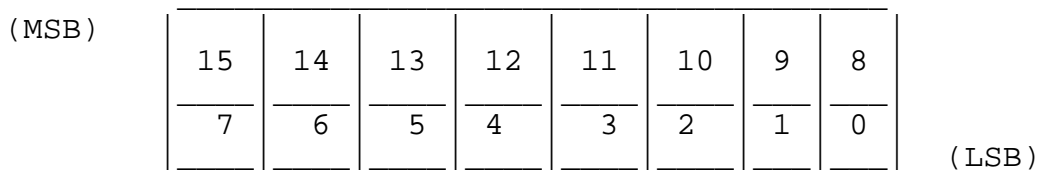


To: Membership of X3T9.2  
 From: Tetsuro Motoyama, Ricoh Corporation  
 Date: February 17, 1993  
 Subject: Scanner Window Descriptor Bytes Proposal

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This is a proposal for Scanner command to incorporate the wider data width. It is SCSI-3 proposal under the SCSI-3 Graphics Commands (SGC) project.

1. Definition of Bit Ordering in the "Window Descriptor Bytes" for SET WINDOW



B0:

- 0: Output leading bit to the least significant data bit
- 1: output leading bit to the most significant data bit

B1:

- 0: Output the lower byte on the lower data position (Big Endian)
- 1: Output the higher byte on the lower data position (Little Endian)

<for example>

Image data    byte0,byte1,byte2,byte3,byte4,byte5,byte6,byte7...

Big Endian

((byte0,byte1))((byte2,byte3))((byte4,byte5)(byte6,byte7)),..  
 (B1, B0) = (0,1)

Little Endian

16bit    (byte1,byte0),(byte3,byte2),(byte5,byte4),(byte7,byte6),...  
 32bit    (byte3,byte2,byte1,byte0),(byte7,byte6,byte5,byte4),...

(B1, B0) = (1, 1)

B2:  
0: Output Multi-value unpacked  
1: Output Multi-value packed

B3 - B6:  
Reserved

B7:  
0: Normal Output  
1: Mirroring Output

B8 - B15:  
Reserved

## 2. Additional scanner error commands for Additional Sense Code/Qualifier

Automatic Document Feeder (ADF) Error	Additional Sense Code/ Qualifier
ADF Cover Open	89H / 00H
ADF Lift Up	89H / 01H
Document Jam in ADF	89H / 02H
Document Miss Feed in ADF	89H / 03H