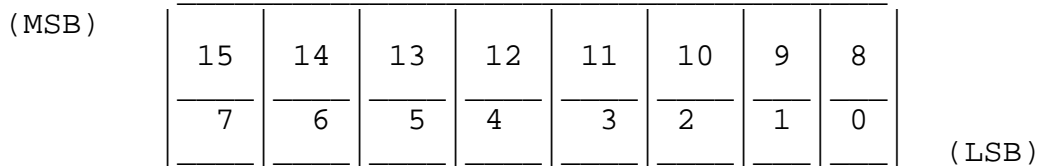


To: Membership of X3T9.2 (now X3T10)
 From: Tetsuro Motoyama, Ricoh Corporation
 Ralph O. Weber, X3T10
 Date: May 12, 1994
 Subject: Scanner Window Descriptor Bytes Proposal

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	66H / 00H
ADF Lift Up	66H / 01H
Document Jam in ADF	66H / 02H
Document Miss Feed in ADF	66H / 03H

ROW Note: 93-036R2 is identical to 93-036R1, except for a revised ASC value. 93-036R1 was considered and deferred in July, 1993. The only reason for not approving the proposal in 1993 was the need to use a different ASC (the one shown above). I believe that the author assumed that the above document was approved. There is a good chance that the ASC/ASCQs are already being used. Given this history, I believe that X3T10 should approve 93-036R2 for inclusion in the SPC and SGC.