As requested at the May Plenary, I have discussed the disposition of the scanner proposal (originally X3T9.2/93-036r1) with Mr. Tetsuro Motoyama. As shown by the following e-mail message, Mr. Motoyama desires that the proposal be approved as revised. The only revision from the original proposal is an ASC value that is acceptable to George Penokie and me. This is this only revision ever requested by the committee. -- Ralph

Hi Ralph:

Thank you for your input. I would like to take your first option, that is, to see you propose the final copy to the committee. As my schedule stands now, I may not be able to attend the meeting.

Tetsuro

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

<table>
<thead>
<tr>
<th>(MSB)</th>
<th>15</th>
<th>14</th>
<th>13</th>
<th>12</th>
<th>11</th>
<th>10</th>
<th>9</th>
<th>8</th>
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<td>1</td>
<td>0</td>
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<tr>
<td>(LSB)</td>
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</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Automatic Document Feeder (ADF) Error</th>
<th>Additional Sense Code/ Qualifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADF Cover Open</td>
<td>66H / 00H</td>
</tr>
<tr>
<td>ADF Lift Up</td>
<td>66H / 01H</td>
</tr>
<tr>
<td>Document Jam in ADF</td>
<td>66H / 02H</td>
</tr>
<tr>
<td>Document Miss Feed in ADF</td>
<td>66H / 03H</td>
</tr>
</tbody>
</table>