TO: X3T10 Membership   **X3T10/94-143r1**

SUBJECT: JAPANESE COMMENTS ON ISO/IEC CD 9316-1 (SCSI-1)

DATE: November 6, 1994

A.   Technical comments:

1.   P. 103, Table 48:
      Table 48 should describe the ISO version instead of ANSI approved version
      Especially, ISO version codes are 0h-3h (i.e. 2 bits), while ANSI version codes are 0h-7h (i.e. 3 bits).

Table 48 - ISO Version

Code	Description
0h	The device might or might not comply to an International Standard.
1h	The device complies to ISO 9316:1989 (SCSI-1)
2h	The device complies to this version of SCSI (SCSI-2).
3h	Reserved

2.   P. 208, Table 158, Byte 27 (pin 1 is ground pin, see ISO/IEC 9315)
      Delete "Pin 1".
3.   P 211, Table 162 (see ISO/IEC 9315):
      "Pin 34" should be "Pin 2". (X2)
4.   P. 304, 5th line from bottom:
      "If the starting MSF address is less than the ending MSF address" should be "If the starting MSF   address
is greater than the ending MSF address".
      Because, this description is inconsistent with the description of 14.1.5.
5.   P. 305, 14th line from bottom:
      "If the starting address is less than the ending address" should be
      "If the starting address is greater than the ending address".
      Because this description in inconsistent with the description of 14.1.5.

B.   Editorial comments:

1.   P. XXXi, 28th line (decimal point should be comma (,)):
      "2.2. to 2.4μ s" should be "2, 2 to 2,4μ s".
2.   P. 26, 5.4.2.1:
      "EIA RS-485-1983" should be "ISO/IEC 8482:1993 2nd Edition, Information technology -
      Telecommunications and information exchange between systems
       - Twisted pair multipoint interconnection"
3.   P. 12, Figure 2, A10:
      "0.60± 0.03" should be "0.61±0.03". (X2)
      (Reason: 0.24 x 25.4 = 0.6096 → 0.61)
4.   P. 12, Figure 2, A13:
      "5.15±0.15" should be "5.16±0.15".
      (Reason 5.15 x 25.4 = 5.1562 → 5.16)
5.   P. 13, Figure 3, D9:
      "6.09 ±0.240" should be "6.10 ±0.240"
      (Reason: 0.24 x 25.4 = 0.6096 → 0.61)
7.   P. 21, Table 2, NOTE 2:
      "0.050 inch" should be "1.270 mm (0.50 inch)"
      "0.025 inch" should be "0.635 mm (0.25 inch)"
8. 21, Table 2, NOTE 4:
      "See 4.4.4 should be "See 5.4.4".

9. P. 22, Table 3, NOTE 2:
    "0.025 inch should be "0.635 mm (0.025 inch)".
10. P. 22, Table 3, NOTE :
    "0.025 inch" should be "0.635 mm (0.025 inch)".
11. P. 23, Table 4, NOTE 1:
    "0.050 inch" should be "1.270 mm (0.050 inch)".
    "0.025 inch" should be "0.635 mm (0.025 inch)".
12. P. 25, 5.4.1.2., I_{th} :
    "0.0 mAto 0. 1mA" should be "0.0 mA to 0. 1 mA".
13. P. 26, 5.4.2.1:
    "EIA RS-485-1983" should be ISO/IEC 8482:1993:
14. P. 26, 6.1.5.1, 3rd paragraph, 4th line:
    "read the DB(7.0). signals then" should be "read the DB(7-0) signals then".
15. P. 44, 6.1.5.3, NOTE 27:
    "X3T9.2 is not adequate for the International Standard. Rewrite as NOTE 10.
16. P. 65, middle:
    "Following target response (1) above" should be "Following target response a) above".
17. P. 66, last Paragraph:
    "Following target response (1) above" should be "Following target response a) above".
18. P. 82 - P. 85:
    NOTE 55 is not found.
19. P. 82 and P. 90:
    Two NOTE 57s are existed.
20. P. 91, NOTE 62 d):
    "ANSI version" should be "ISO/IEC version"
21. P. 93, last line:
    "...devices)" should be continue next page, it should not carriage return.
22. P. 94, 1st sentences of 8.2.3.1 b) and 8.2.3.2 b):
    Should be unified.
23. P. 102, table 47, 0Ah - 0Bh:
    Should be "Reserved for graphic arts pre-press devices."
    Because, "ASC IT8" is not adequate for the International Standard.
24. P. 102, last paragraph:
    "The ANSI-approved version field" should be "The ISO version field".
25. P. 103, 3rd paragraph:
    (i.e. CCS) should be (i.e. Common Command Set: CCS).
26. P. 104, 2nd Paragraph - 6th Paragraph:
    "ASCII data" should be "ISO/IEC 646 character data"
    "ASCII data" is not adequate for the International Standard (X3)
27. P. 104, NOTE 68:
    "X3T9" should be "ANSI X3T9".
28. P. 112, 8.1.10.1, c):
    "if saved values, are not available" should be "if saved values are not available".
29. P. 118, 8.1.14, 3rd paragraph under Table 64:
    "The sense data shall be by the target fo the initiator" should be
    "The sense data shall be by the target for the initiator".
30. P. 121, 2nd line:
    "ASCII information page" should be "ISO/IEC 646 information page".
31. P. 123:
    NOTE 90 is not found and NOTE 91s are duplicated. Upper NOTE 91 should be NOTE 90.
32. P. 130, 8.2.15, 2nd line under Table 72:
    "See 87.3.1" should be "See 8.3.1".
33. P. 138, 3rd paragraph, 1st line:
    "Data counters are associated with one of more" should be

"Data counters are associated with one or more".
34. P. 138, 4th paragraph under table 82:
    "ASCII graphic codes" should be "ISO/IEC 646 graphic codes".
35. P. 138 and P. 140:
    NOTE 95s are duplicated.
36. P. 138, 5th paragraph under table 82:
    "ASCII graphic codes" should be "ISO/IEC 646 graphic codes".
37. P. 139, Table 83, page code 03h, 04h, 05h and 02h:
    "Error counter page (read) page" should be "Error counter (read) page"
    "Error counter page (read reverse) page" should be "Error counter (read reverse) page"
    "Error counter page (verify) page" should be "Error counter (verify) page"
    "Error counter page (write) page" should be "Error counter (write) page"
38. P. 141, 8.3.2.3, 2nd paragraph:
    "ASCII characters string" should be "ISO/IEC 646 characters string".
39. P. 144, Table 94, Byte 1:
    "Page length (n-l))" should be "Page length (n-l)".
40. P. 149, Table 99, 01b:
    "until all data the command is to transfer" should be
    "until all data that the command is to be transfer".
41. P. 150, Table 101:
    "ANSI Reference standard" should be "Reference International Standard".
42. P. 150, Table 101
    ANSI standard numbers should be changed to International Standard numbers.
43. P. 151 and P. 152:
    "ASCII" should be "ISO/IEC 646 character". (X19)
44. P. 155:
    "ASCII" should be "ISO/IEC 646 character". (X3)
45. P. 163, Table 108:
    LOCK-UNLOCK CACHE should be LOCK UNLOCK CACHE.
    PREVENT-ALLOW MEDIUM REMOVAL should be PREVENT ALLOW MEDIUM REMOVAL
46. P. 171, TABLE 117, IP modifier 10b, 3rd line from the end:
    "The The lowest" should be "The Lowest".
47. P. 178, Table 125, byte 4-7:
    "Block length In bytes" should be "Block length in bytes".
48. P. 179, 3rd line:
    (see 9.2.1.2 defect format) should be (see 9.2.1.1, defect format)
49. P. 179, 6th line under Table 127:
    (see 9.2.1.2) should be (9.2.1.1)_
50. P. 182, NOTE 115
    This NOTE should be deleted, because this function was not defined in ISO 9316:1989. This   function was
specified only in X3. 131-1986.
51. P. 184, NOTE 117:
    This NOTE should be deleted, because this function was not defined in ISO 9316:1989. This   function was
specified only in X3. 131-1986.
52. P. 184, last line of 8.2.12, NOTE 117:
    "RELEASE command the command shall" should be "RELEASE command, the command shall".
53. P. 188, end of the 2nd paragraph under Table 136:
    Add ")".
54. P. 203, Table 152, page code 03h, 05h, and 02h:
    "Error counter page (read) page" should be "Error counter (read) page".
    "Error counter page (verify) page" should be "Error counter (verify) page".
    "Error counter page (write) page" should be "Error counter (write) page".
55. P. 204, Table 153:
    "ANSI Reference Standard" should be Reference International Standard".

56. P. 204, Table 153:
ANSI standard numbers should be changed to International Standard numbers.
57. P. 204, 3rd line from bottom:
(see 7.8.3) should be (see 8.3.3).
58. P. 226, end of 4th paragraph:
"93.3.6" should be "9.3.3.6"
59. P. 228, 10.1.1, 3rd paragraph:
"American National Standards" should be "International Standards".
60. P. 230, figure 21 right side:
"TrkGrp 1" should be remained in the figure.
61. P. 230, last paragraph:
"American National Standards" should be "International Standards".
62. P. 232, last 3rd paragraph and last paragraph (X3):
"American National Standards" should be "International Standards".
63. P. 233, 2nd and 3rd paragraph (X3):
"American National Standards" should be "International Standards".
64. P. 235, 14th line:
"ABORTED command" should be "ABORTED COMMAND".
65. P. 247, 2nd paragraph from bottom:
Continue next line, without return.
66. P. 249, last paragraph and P. 250, 1st paragraph:
These are duplicated.
67. P. 257, Table 194, page code 02h - 05h:
"Error counter page (write) page" should be "Error counter (write) page".
"Error counter page (read) page" should be "Error counter (read) page".
"Error counter page (read reverse) page" should be "Error counter (read reverse) page".
"Error counter page (verify) page" should be "Error counter (verify) page".
68. P. 259, b), after 3):
Should be as follows, without return:
"report ... has determined the density from the medium."
69. P. 260, Table 198, Reference
"Reference" should be "Reference International Standards", and ANSI standard numbers should be   changed
to International Standard numbers.
70. P. 260, Table 198, NOTE 4:
This NOTE should be deleted, because associated annex had been deleted.
71. P. 260, Table 198, NOTE 6:
"American National Standards" should be "International Standards".
72. P. 278:
"ASCII forms control" should be "ISO/IEC 646 forms control". (X4)
73. P. 279, Table 223 and Table 224:
"ASCII" should be "ISO/IEC 646". (X5)
74. P. 280, Table 225:
"ASCII" should be "ISO/IEC 646". (X5)
75. P. 283, 12.1.1., 4th line:
"Host B assumes" should be "host B assumes"
76. P. 285, end of the third line from bottom:
"on the routine" should be "on the target routine".
77. P. 289, 9th line:
"ABORTED command" should be "ABORTED COMMAND".

78. P. 293, Table 236:
  "Absolute MSF address ^{1} should be "Absolute MSF address $^{1)}$
  "00/02/00 ^{8}"   should be "00/02/00 $^{8)}$"

79. P. 295, 5th paragraph, 6th line:
  "MSF bit in the read sub-channel command" should be "MSF bit in the READ SUB-CHANNEL command".

80. P. 295, 3rd line from the bottom:
  "136.05 uS" should be 136.05 μ s.

81. P. 297, 6th line, c):
  Continue to the next line, without return.

82. P. 297, 8th and 9th lines, d) and e):
  (in BCD) should be (in bcd).   (X2)

83. P. 235, 9th line:
  "ABORTED command" should be "ABORTED COMMAND".

84. P. 300, Table 238:
  LOCK/UNLOCK CACHE should be LOCK UNLOCK CACHE
  PAUSE/RESUME should be PAUSE RESUME
  PREVENT/ALLOW MEDIUM REMOVAL should be PREVENT ALLOW MEDIUM REMOVAL

85. P. 308, NOTE 176, 1st line:
  (see 92.7) should be (see 9.2.7)

86. P. 308, 13th line from bottom:
  "The value returned shall not be not be" should be "The value returned shall not be".

87. P. 311 - :
  "sub Q" and Sub-Q" are mixed. It should be unified.

88. P. 314, 5th and 7th paragraphs:
  "ASCII" should be "ISO/IEC 646 (character set)".

89. P. 314, 7th paragraph:
  (DIN-31-621) should be (ISO 3901:1986 International standard recording code (ISRC)).

90. P. 316, NOTE 182, 2nd line:
  "UPC bar code" should be "UPC/EAN bar code".

91. P. 320, table 263, page code 03h,
  "Error counter page (read) page" should be "Error counter (read) page".

92. P. 323, 8th paragraph:
  "The format of logical block addresses" should be "The format of logical block addresses (LBAs)".

93. P. 332, 1.4.4.7:
  No description for "Red Book". What is 'Red Book' ?

94. P. 332, 1.4.4.11:
  "reed-solomon code" should be "Reed-Solomon code".
  Reed and Solomon are person's name.

95. P. 334, 6th paragraph:
  "DEFINE WINDOW parameters" should be "window descriptor bytes parameters".
  "GET WINDOW PARAMETER command" should be "GET WINDOW command".   (X3)

96. P. 335, last line:
  Is it not necessary Vender-specific command for scanner devices?

97. P. 340, 4th and 5th paragraphs:
  "per inch" should be "per 25.4 mm (inch)". (X2)

98. P. 348, table 295, page code 03h:
  "Error counter page (read) page" should be "Error counter (read) page".

99. P. 349, 2nd sentence and Table 298 (X2)
  "inch" should be "25.4 mm (inch)". (X2)

100. P. 349, NOTE 194;
  "twelve hundredths (1/1200) of an inch" should be
  "25.4/1200 millimeter (i.e. twelve hundredths of an inch)".

101. P. 352, 7th line from bottom:
    "ABORTED command" should be "ABORTED COMMAND".
102. P. 353, Table 299:
    Missing SEARCH DATA LOW (10), 32h.
103. P. 357, 2nd sentence, 2nd line:
    "CONDITION MET status" should be "INTERMEDIATE CONDITION MET status".
104. P. 357, 3rd paragraph, 2nd line of a):
    "PRA bis" should be "PRA bit".
105. P. 364, 7th line from bottom:
    "vender unique" should be "vender-specific".
106. P. 368, 3rd line:
    "vender unique" should be "vender-specific".
107. P. 369, Table 200, page code 03h, 05h and 02h:
    "Error counter page (read) page" should be "Error counter (read) page".
    "Error counter page (write) page" should be "Error counter (write) page".
    "Error counter page (verify) page" should be "Error counter (verify) page".
108. P. 371, Table 323:
    "Reference standard" should be "Reference International Standard".
    International Standard numbers or DIS numbers should be described, instead of ANSI project   numbers.
109. P. 371, Table 323, Diameter of code 01h and 02h:
    There are 86 mm and 89 mm for 3.5 inch. Are these correct?
110. P. 371, Table 323, NOTE 1:
    This NOTE should be rewrite associating with International Standards.
111. P. 375, 13th line from bottom
    "vender unique" should be "vender-specific".
112. P. 376, 7th line:
    "ASCII" should be "ISO/IEC 646".
113. P. 386, last line:
    (see 8.2.14.4) should be (see 8.2.14.3).
    8.2.14.4 is not exist in this standard.
114. P. 405, 5th line:
    "international standards" should be "International Standards".
115. P. 405, 9th line:
    "vender unique" should be "vender-specific".
116. P. 407, last line:
    Is it not necessary Vendor-specific command for communication devices?
117. P. 421, Table D.1, 00 02:
    END-OF-PARTITION/MEDIUM DETECTED should be
    END-OF-PARTITION MEDIUM DETECTED.
118. P. 421, Table D.1, 00 04:
    BEGINNING-OF-PARTITION/MEDIUM DETECTED should be
    BEGINNING-OF-PARTITION MEDIUM DETECTED
119. P. 421, Table D.1, 00 11 - 00 15:
    Correct the position of "R".
120. P. 421, Table D.1, 0100 - 02 00:
    Correct the position of "O" and "OM".
121. P. 427, Table d.2, MEDIA CHANGER DEVICE column:
    Delete "V"s at row 02, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E and 0F.
122. P. 427, Table D.2, WRITE ONCE READ MULTIPLE DEVICE column:
    Delete "O" at row 10.
123. P. 427, Table D.2, last line:
    "STOP START UNIT" should be "START STOP UNIT".

124. P. 428, Table D.2, WRITE ONCE READ MULTIPLE DEVICE column:
     Delete "o" at row 2D and 3D. 2D and 3D do not exist in the table 235.
125. P. 430, Table D2:
     Delete blank lines of B5, B6 and B8.

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Comments not accepted as stated:
Item B.2) These are not equivalent standards.
Item B.13)   These are not equivalent standards.
Item B.56)   ??? Table 153 needs ISO reference standards.
Item B.69)   ??? Table 198 needs ISO reference standards.
Item B.93)   ??? Need ISO reference for Red Book.
Item B.109, 110)   ??? Table 323 needs ISO reference standards.
Item B.116)   ??? Should VS command codes be allowed for comm devices