15 July 2001 J3/01-266

To: /B subgroup

Subject: Comments on section 10

From: Van Snyder

1 Edits

Edits refer to 01-007r2. Page and line numbers are displayed in the margin. Absent other instructions, a page and line number or line number range implies all of the indicated text is to be replaced by immediately following text, while a page and line number followed by + (-) indicates that immediately following text is to be inserted after (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

169:16
205:5-6
207:23+
208:1
208:8-10
208:27-28
209:37
210:12+
210:14,26
210:16,43
210:43
211:31,32
211:33+
New \P
New ¶ 212:4-5
212:4-5
212:4-5 212:7 212:24+
212:4-5 212:7 212:24+ New ¶
212:4-5 212:7 212:24+ New ¶ 212:10

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[Editor: Insert "(10.7.7)" after "rounding".]	213:34
[Editor: Insert "sign" after "minus".]	213:30
[Editor: "higer" \Rightarrow "higher".]	216:11
[Editor: Insert "during output" after "effect".]	216:18
Editor: Either "does not cause" \Rightarrow "neither causes" or "nor" \Rightarrow "or".	217:2
[Editor: Insert "sign" after "plus" four times.]	218:28-30
[Editor: Insert a new sentence "When format control begins, the scale factor for the connection is set to zero."]	218:36
[Simplify exposition, and prepare for the possibility of more numeric edit descriptors: Editor: "I, B, editing" \Rightarrow "numeric editing (10.6.1)".]	219:25
[This subclause also contains the definition of rounding, which is referenced in several contexts having nothing to do with format control – i.e. list-directed and namelist editing. Editor: Insert "Rounding and" before " RU ".]	219:27
[The requirements on rounding ought to be significantly sharper. For example, UP mode allows an arbitrarily large number to be produced, so long as it's not less than the one being converted. Editor: Insert "the smallest representable value that is" before "greater". Editor: Insert "the largest representable value that is" before "less". Editor: "the value conversion" ⇒ "which one of the two nearest representable values chosen".]	219:40 219:42 219:46-47
[Editor: For consistency put quotes around "upward rounding", "downward rounding" and "round to zero".]	220:5-7
"round to zero".] 2 Don't know what to do	220:5-7
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"round to zero".] 2 Don't know what to do	220:5-7 205:19-20
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asymmetry	intended?
COD Y IIIIII COI Y	minutation.

If there is no such record, how can it become the current record? It seems OK to call a record 218:11-12 that doesn't exist the current record if you're getting ready to write it. We already say "thou shalt not read the record if it doesn't exist"?

It would seem that PROCESSOR_DEFINED rounding could also do what's specified here (but 219:10-14 of course we shouldn't require it).

Subclause 10.10 needs an introduction.

224:19+

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