

Subject: Comments on Clause 4  
 From: Van Snyder

## 1 Edits

- 2 Edits refer to 06-007r1. Page and line numbers are displayed in the margin. Absent other instructions, a  
 3 page and line number or line number range implies all of the indicated text is to be replaced by associated  
 4 text, while a page and line number followed by + (-) indicates that associated text is to be inserted after  
 5 (before) the indicated line. Remarks are noted in the margin, or appear between [ and ] in the text.
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- 6 [Get rid of “may,” which might be ambiguously interpreted as “permission” or “possibility.” Editor: 41:12-16  
 7 “may ... real” ⇒ “for logical and bits is completely determined by this part of ISO/IEC 1539. The sets  
 8 of valid values for integer, character and real are processor dependent.”. Make definitions for complex  
 9 and derived type parallel: “For complex values the set of valid values” ⇒ “The set of valid values for  
 10 complex”, “For derived types ... as” ⇒ “The set of valid values for a derived type is”.]
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- 11 [“may” is probably OK here, but if it’s not, “may” ⇒ “can” twice.] 41:20-21
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- 12 [Editor: “may” ⇒ “can”.] 41:29
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- 13 [Editor: “may” ⇒ “might”.] 41:32
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- 14 [In case “may” isn’t OK here, “may“ ⇒ “shall not”, “only” ⇒ “except”.] 42:16
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- 15 [Apply the Weaver rule: Say something twice, say it wrong at least once. The proper place for the 43:15-20+2  
 16 description of assignment is subclause 7.4. Extensive discussion of assignment is especially inappro-  
 17 priate here given that it is only “one means of defining or redefining...” Editor: Insert “(7.4)” after  
 18 “Assignment”, then delete “Assignment ... (7.4.1.4)” at [43:16-20] and Note 4.4.]
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- 19 [Everything after the first sentence duplicates syntax rules. Note 4.5 at [44:5+1-3] is enough of a 43:24-26  
 20 reminder. Editor: Delete “in ... used.” Otherwise, delete Note 4.5.]
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- 21 [Full stops are not delimitersÉditor: Delete “following the trailing delimiter”.] 53:17
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- 22 [The “bits” feature added .XOR. as another nonequivalence operator. Editor: Insert “or .XOR.” after 53:20  
 23 “.NEQV.”.]
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- 24 [Earlier, we are careful to say “previously defined or 56:1
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- 25 [Editor: Insert “(4.5.7)” after “extended type” because type extension is a forward reference.] 60:5
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- 26 [Needs to say that the components are finalized in a processor-dependent order. Editor: “Each ... 71:6  
 27 finalized” ⇒ “All finalizable components that appear in the type definition are finalized in processor- and Annex E  
 28 dependent order”]
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- 29 [The syntax term *generic-spec* includes *dtio-generic-spec*. Editor: Delete [74:3-5].] 74:1-5
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- 30 [Don’t say “rank-one” again since it’s already said at [79:2]. Editor: Delete “rank-one”.] 80:17