Subject:      Comments on Annex A
From:         Van Snyder


# 1   Edits

Edits refer to 01-007r3.  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.

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|---|---:|
| [We don't say "has space" in 6.3. Editor: "has space" ⇒ "is currently" twice.] | 387:11,12 |
| [Editor: De-italicize the "(".] | 387:28 |
| [Editor: "character length" ⇒ "nonkind type parameter".] | 387:37 |
| [Assumed size is not obsolescent. Editor: Set "size" in full-size type.] | 388:27 |
| [The set of values for objects of derived type is also now affected by type parameters. Editor: "For an intrinsic type, the" ⇒ "The".] | 389:31 |
| [Run-on sentence. Editor: first "and" ⇒ "; it".] | 390:11 |
| [Editor: Delete "section" because B.1 is a subclause and we don't say "subclause" anywhere in Annex A; "which that" ⇒ "that are".] | 390:16 |
| [Doesn't account for initialization or that a procedure pointer can't be deallocated.  Editor: Replace "A pointer ...  disassociated pointer" by copying "A disassociated ...  target" from [18:26] to here, putting "."  at the end, then copying "A pointer is ...  statement."  from [18:23-26].] | 390:22-23 |
| [Doesn't say what a dummy argument IS. Editor: "An ... statement" ⇒ An entity by which an associated actual argument is accessed during execution of a procedure."] | 390:24-26 |
| **dummy data object** (12.4.1.2) A dummy argument that is a data object. | 390:27+ |
| [Editor: delete "recursive".] | 391:6 |
| [Doesn't include pending I/O identifiers, external I/O unit.... Better to leave out itemized list, so as not to leave out one item. Also, the omitted entities aren't "identified by a lexical token". Editor: Delete "identified by a lexical token" and "It ...  procedure."] | 392:4-5 |
| [A statement function is not a scoping unit, so it doesn't make sense to say "in a scoping unit other than its own."  Also too complicated. Editor: "A procedure ... function" ⇒ "For a procedure referenced in a scoping unit, the property of not having an explicit interface.  A statement function always has implicit interface."] | 392:10-12 |
| [Simplification: Editor: "the value ... argument" ⇒ "its value".] | 392:19-20 |
| [We don't say "dummy argument data object" elsewhere. Editor: Delete "argument".] | 392:21 |
| [Doesn't account for the possibility of a C main program. Needs a reference to 2.3.4 because 11.1 doesn'tsay anything about execution sequence (or 2.3.4).  Editor: Insert "2.3.4," before "11.1"; "A ... unit" ⇒ "A Fortran main program or a replacement defined by means other than Fortran".] | 393:20-21 |

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| [Editor: Delete "of the following:" because it doesn't contribute anything.] | 394:3 |
| [Doesn't account for I/O rounding. Editor: Insert ", 10.6.1.2.6" after "3". Delete "in IEEE arithmetic"; "a floating-point" $\Rightarrow$ "an". "There" $\Rightarrow$ "In IEEE arithmetic, there". Insert "In addition, for input/output the two additional modes COMPATIBLE and PROCESSOR_DEFINED are provided." at the end.] | 395:19-21 |
| [Doesn't have cross references; doesn't account for SELECT TYPE or ASSOCIATE constructs. Editor: Insert "(6.1.1, 6.1.2, 6.1.3, 8.1.3, 8.1.4)" after "**selector**".] | 395:33 |

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| (3) | The object whose type determines which branch of a SELECT TYPE construct is executed. | 395:36+ |
| (4) | The object that is associated with the *associate-name* in an ASSOCIATE construct. | |

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| [Unnecessarily tangled syntax. Editor: "For ... extents" $\Rightarrow$ "The rank and extents of an array".] | 395:37 |
| [Unnecessarily tangled syntax. Editor: "For ... elements" $\Rightarrow$ "The total number of elements of an array".] | 395:39 |
| [Inconsistent with 6.1.2. Editor: Replace "A ... component" by [97:37-38].] | 396:23 |
| [Second sentence is misleading because transformational functions can have scalar arguments or results – *cf*. SUM. Editor: Delete "It usually .. arguments".] | 396:42-2 |
| [Editor: De-italicize the "*:*".] | 397:3 |
| [We don't use "clause" in other references to the C standard (at least not in Annex A). Editor: Delete "clause" twice.] | 397:23,33 |