Subject: Comments on Section 12
From: Van Snyder

1 Edits

Edits refer to 02-007. 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 associated text, while a page and line number followed by + (-) indicates that associated text is to be inserted after (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

[Misplaced constraint. Don't worry about these if 02-107 passes, because it deletes abstract interfaces. Otherwise, editor: Delete C1211.] 249:7

C1203$\frac{1}{2}$(R1203) If the *interface-stmt* is INTERFACE PROCEDURE(), the *function-name* in the *function-stmt* or the *subroutine-name* in the *subroutine-stmt* shall not be the same as a keyword that specifies an intrinsic type. 244:25+

[If procedure pointers aren't a problem, it's difficult to imagine how internal procedures could be. Editor: Insert "internal procedure," before "or".] 245:1

[PROCEDURE statements don't have generic identifiers. Editor: Insert "in any interface block" before "with".] 245:5

[In lines 3-4 of Note 12.16, the term "would have be" is used. This isn't used elsewhere (that I could find), and isn't defined. Editor: "would have" ⇒ "must" (yes "must" not "shall" because it's an "inevitable consequence of provisions of this standard" – or at least that's what the current note implies).] 251:1-

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[Editor: Delete "section" in Note 12.12.] 249:14+

[Editor: Set ", or an asterisk" in obsolescent font.] 267:2-3

[I changed "*target*" to "*data-target* or *proc-target*" at meeting 159. But the "or *proc-target*" part is irrelevant – we aren't later going to assign a value to a procedure by way of a procedure pointer. Editor: Delete it.] 273:1

[Missed a fine point of pointer components. Does this need an interp?] 273:1+

($2\frac{1}{2}$) As the *expr* corresponding to a component with the POINTER atttribute in a *structure-constructor*.

[Editor: Put a `\tdef` around "elemental procedure". This will embolden it, and put it in the index.] 274:3

2 Interop question

Is it OK for a DTIO procedure to have the NAME= specifier? If it's not OK, we need to say so about the procedure, not the interface body – because an interface block with a *dtio-generic-spec* might contain a PROCEDURE statement that refers to a module procedure, a dummy argument, a procedure pointer, an external procedure having an interface specified by another PROCEDURE statement, or (if the edit for 245:1 above is accepted) an internal procedure. 264:15-17 267:1-3