

Subject: Comments arising from 02-204  
 From: Van Snyder

## 1 Discussion

The restriction added in the edit to subclause 9.7 of F95 in Corrigendum 2 doesn't have a home in F2K. As of 99-007, there was a subclause 9.9 where it could have gone. It disappeared between 99-007 and 99-007r1, probably as a consequence of incorporating edits from 99-104r2. That paper had a "New section 9.9" in it, to be added at [207:17+] (not to replace the existing 9.9 at [207:18-23]).  
 Subclause 9.9 read:

### 9.9 Restrictions on function references and list items

A function reference shall not appear in an expression anywhere in an input/output statement if such a reference causes another input/output statement that references an external unit to be executed.

#### NOTE 9.58

Restrictions in the evaluation of expressions (7.1.8) prohibit certain side effects.

The restriction added in Corrigendum 2 was to insert "or a STOP statement" after "statement", but that doesn't work because "that references an external unit" was added some time between 97-007r2 and 99-007 (I haven't bothered tracking down when). So the "or a STOP statement" addition after "statement" would have to be a "a STOP statement or" addition after "causes".  
 Do we want to replace this subclause? Edits below do this, along with the "a STOP statement or" addition. Some commas were added, and "another" was shortened to "an", to try to make it clear that "or another input/output statement" or "references an external unit" is not somehow trying to modify "STOP statement". Also the title is a little bit weird, given that the restriction is against "anywhere in an input/output statement," not "anywhere within an input/output list," so it's changed to "Restrictions on function references in input/output statements."

## 2 Edits

Edits refer to 02-007r1. 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.

[Editor: Insert a new subclause (i.e.  $\LaTeX$  \section) between 9.9.5 and 9.10:]

219:22+

### 9.9 $\frac{1}{2}$ Restrictions on function references in input/output statements

A function reference shall not appear in an expression anywhere in an input/output statement if such a reference causes a STOP statement, or an input/output statement that references an external unit, to be executed.

#### NOTE 9.60

Restrictions in the evaluation of expressions (7.1.8) prohibit certain side effects.