

Subject: Remove unnecessary I/O restriction
 From: Van Snyder

1 Introduction

2 According to the first paragraphs after NOTES 9.34 and 9.35 in subclause 9.5.2 [193:5,12], the following
 3 program does not conform to the 2003 standard:

```

4 program P
5   type :: T
6     integer, allocatable :: I(:)
7   end type T
8   type(t) :: X
9   allocate ( x%i(10) )
10  read *, x%i
11 end program P
```

12 The restriction against allocatable components in input/output lists or as namelist group objects is
 13 unnecessarily too strong. It would be sufficient to require them to be allocated. It isn't necessary to add
 14 anything to the definition of how a list is expanded into a sequence of effective list items because that
 15 definition depends upon "component order," which extends across pointer and allocatable components.

16 2 Edits

17 Edits refer to 04-007. Page and line numbers are displayed in the margin. Absent other instructions, a
 18 page and line number or line number range implies all of the indicated text is to be replaced by associated
 19 text, while a page and line number followed by + (-) indicates that associated text is to be inserted after
 20 (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

21 [Editor: At the ends of the first paragraphs after NOTES 9.34 and 9.35 in subclause 9.5.2 **Data transfer** 193:5,12
 22 **input/output list** replace "and shall not be pointers or allocatable" with "; shall not be pointers, and,
 23 if allocatable, shall be allocated".]

24 [Editor: In the second paragraph of 9.5.3.6 **Namelist formatting** replace "allocatable or a pointer" by 198:28
 25 "a pointer or a deallocated allocatable variable".]