

**1        Replace IOSTAT\_END and IOSTAT\_EOR with Functions**

2    To:            J3  
3    From:          Craig Dedo  
4    Subject:       Replace IOSTAT\_END and IOSTAT\_EOR with Functions  
5    Date:          April 2, 2003

6        This paper addresses US comment 2.9.

7        Edits refer to 02-007r3.

8    [216:14]      Change “a processor-dependent” to “the processor-dependent”.

9    [294:7+]      Add the following entries to the table in section 13.5.17:

10        IS\_IOSTAT\_END (I)    Test for end-of-file condition  
11        IS\_IOSTAT\_EOR (I)    Test for end-of-record condition

12    [319:27+]    Add the following:

13    **13.7.54a    IS\_IOSTAT\_END ( I )**

14    **Description.** Determine whether the argument value indicates an end-of-file condition.

15    **Class.** Elemental function

16    **Argument.** I shall be of type integer.

17    **Result Characteristics.** Default logical.

18    **Result Value.** The result has the value true if and only if I is a value that would be assigned to the  
19    *scalar-int-variable* in an IOSTAT= specifier to indicate an end-of-file condition (9.10.2).

20    **13.7.54b    IS\_IOSTAT\_EOR ( I )**

21    **Description.** Determine whether the argument value indicates an end-of-record condition.

22    **Class.** Elemental function

23    **Argument.** I shall be of type integer.

24    **Result Characteristics.** Default logical.

25    **Result Value.** The result has the value true if and only if I is a value that would be assigned to the  
26    *scalar-int-variable* in an IOSTAT= specifier to indicate an end-of-record condition (9.10.3).

27    **References**

28    02-007r3, Fortran 2000 Draft

29    [End of J3 / 03-103r3]