Subject: More work on ERRMSG=
References: 99-136
From: Van Snyder

1 Edits

Edits refer to 99-007r2. 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 the indicated line. Remarks for the editor are noted in the margin, or appear between [and] in the text.

[These paragraphs are repetitive and should be combined at 121:15-16:] — 121:15-16, 27-32

An *allocate-object* or a bound or type parameter of an *allocate-object* shall not depend on *stat-variable*, *errmsg-variable*, or on the value, bounds, allocation status, or association status of any other *allocate-object* in the same ALLOCATE statement.

Neither *stat-variable* nor *errmsg-variable* shall be allocated within the ALLOCATE statement in which it appears; nor shall they depend on the value, bounds, allocation status, or association status of any *allocate-object* in the same ALLOCATE statement. [This is the same as at 121:30-32 – I'm just advocating to move it to be with the other paragraph that says a similar thing.]

[Section 9.9.2 says "if no such condition occurs, the processor shall not change the value of *errmsg-variable*." INTENT(OUT) *does* change the value at the outset by un-defining it. Replace INTENT(OUT) by INTENT(INOUT).] — 208:32, 44, 209:8, 20

[Editor: add to the list (not necessarily here):] — 376:39+

($9\frac{1}{3}$) If an error, end-of-file, or end-of-record condition occurs during execution of an input/output statement that contains an ERRMSG= specifier, the variable specified becomes defined.

($9\frac{2}{3}$) If an error condition occurs during execution of an ALLOCATE or DEALLOCATE statement that contains an ERRMSG= specifier, the variable specified becomes defined.

Add ERRMSG= to the list. — 379:4

Add *errmsg-variable* to the list. — 379:6