Subject: Edits to use PRESENT instead of APPEAR in specifier descriptions
From: Van Snyder
Reference: 03-258r1, section 2.4.3.4; 04-180

1 Introduction

Description of optional specifiers in input/output statements, ALLOCATE statements, and DEALLOCATE statements should use "optional" instead of "appear." This would allow the values of their specifiers to be given by optional dummy arguments, rather than needing a 2^n-way IF construct to provide for n optional specifiers.

2 Edits

Edits refer to 04-007. 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.

2.5.2$\frac{1}{2}$ Specifier 19:22-

The term **specifier** is used in three ways. In each case, a specifier is of the form *name* = *expr* or *name* = *variable*. The possible *name*s that may appear in each context where a specifier is permitted are specified by this Standard.

(1) It is used to describe an optional part of an ALLOCATE statement.
(2) It is used to describe an optional part of a DEALLOCATE statement.
(3) It is used to describe an optional part of an input/output statement, or as an optional form of a required part of an input/output statement.

A specifier is considered to be absent if it does not appear, or if the *variable* or *expr* consists of an absent dummy argument. Otherwise it is considered to be present.

["appears" ⇒ "is present".] 112:11

["that does not contain the STAT= specifier" ⇒ "in which the STAT= specifier is absent".] 112:18:19

[Insert "in which the ERRMSG= specifier is present" after "statement".] 113:37

["appears" ⇒ "is present".] 114:20

["that does not contain the STAT= specifier" ⇒ "in which the STAT= specifier is absent".] 114:26-27

["not included" ⇒ "absent".] 180:32

["without a STATUS= specifier" ⇒ "in which a STATUS= specifier is absent".] 181:4

["appears" ⇒ "is present".] 181:8

["included" ⇒ "present".] 181:9

["appear" ⇒ "be present".] 181:47

["not appear" ⇒ "be absent".] 182:1

["appear" ⇒ "be present".] 182:2

["omitted" ⇒ "absent".] 182:11

["omitted" ⇒ "absent".] 182:18

["omitted" ⇒ "absent".] 182:26

["is ... connection" ⇒ "shall be absent unless the connection is".] 182:28-28

[“omitted” ⇒ “absent”.]	182:31
[“is . . . connection” ⇒ “shall be absent unless the connection is”.]	183:2-3
[“omitted” ⇒ “absent”.]	183:5
[“is . . . connection” ⇒ “shall be absent unless the connection is”.]	183:8
[“omitted” ⇒ “absent”.]	183:10
[“is . . . connection” ⇒ “shall be absent unless the connection is”.]	183:13-14
[“omitted” ⇒ “absent”.]	183:18
[“omitted” ⇒ “absent”. “specified with” ⇒ “present and have”.]	183:23
[“omitted” ⇒ “absent”.]	183:29
[“is . . . connection” ⇒ “shall be absent unless the connection is”.]	183:34-35
[“omitted” ⇒ “absent”.]	183:37
[“connection . . . stream” ⇒ “POSITION= specifier shall be absent if the connection is for direct”.]	184:2
[“omitted” ⇒ “absent”.]	184:7
[“not appear” ⇒ “be absent”.]	184:12
[“appear” ⇒ “be present”. “omitted” ⇒ “absent”.]	184:13
[“is . . . connection” ⇒ “shall be absent unless the connection is”.]	184:23
[“omitted” ⇒ “absent”.]	184:25
[“is . . . connection” ⇒ “shall be absent unless the connection is”.]	184:29
[“omitted” ⇒ “absent”.]	184:31
[“omitted” ⇒ “absent”.]	185:3
[“omitted” ⇒ “absent”.]	186:7
[“omitted” ⇒ “absent”.]	189:9
[“omitted” ⇒ “absent”.]	190:6
[“omitted” ⇒ “absent”.]	190:9
[“omitted” ⇒ “absent”.]	190:14
[“containing an ID= specifier” ⇒ “in which an ID= specifier is present”.]	190:16
[“containing an ID= specifier” ⇒ “in which an ID= specifier is present”.]	190:20
[“omitted” ⇒ “absent”.]	190:25
[“appear” ⇒ “be present”.]	190:28
[“appear” ⇒ “be present”.]	191:6
[“not appear” ⇒ “be absent”.]	191:7
[“omitted” ⇒ “absent”.]	191:16
[“omitted” ⇒ “absent”.]	191:20
[“the . . . specifier” ⇒ “if the SIZE= specifier is present the variable”.]	191:22-23
[“appears” ⇒ “is present”.]	206:19

[“omitted” ⇒ “absent”.] 206:20

[Insert “A property is inquired if and only if the appropriate specifier is present.” before “All”.] 209:29

[“containing . . . specifier” ⇒ “in which an IOSTAT= specifier is present”.] 218:22

[Insert “in which an IOMSG= specifier is present” after “statement”.] 219:2