

Subject: Comments on clause 16  
 From: Van Snyder

## 1 Edits

- 2 Edits refer to 07-007. Page and line numbers are displayed in the margin. Absent other instructions, a  
 3 page and line number or line number range implies all of the indicated text is to be replaced by associated  
 4 text, while a page and line number followed by + (-) indicates that associated text is to be inserted after  
 5 (before) the indicated line. Remarks are noted in the margin, or appear between [ and ] in the text.
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- 6 [Editor: Insert “, construct, or statement” after first “unit”, delete “, or ... unit”.] 483:19
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- 7 [Editor: Insert “, external input/output units, pending data transfer operations” after “labels”.] 483:21
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- 8 [Editor: Delete (see edit for [483:21]).] 484:1
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- 9 [Prohibits using a component name for anything other than identifying that component. Editor: Replace 485:26  
 10 “appear only within” by “not be used to identify that component except by appearing as”.]
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- 11 [Editor: Delete “that”.] 487:11
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- 12 [Editor: Insert “in which *type-spec* does not appear” after “construct”.] 487:21
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- 13 [Editor: “via” ⇒ “by”.] 488:13
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- 14 [Editor: Delete Note 16.8 because the same thing, with almost exactly the same words, is said on the 489:12+1-3  
 15 facing page at [488:12-14].]
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- 16 [Editor: Insert “assumed from” after “is”.] 491:18
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- 17 [Editor: In the last two lines of Note 16.12, replace “There is no requirement on a” by “A”, replace “to 491:23+8-9  
 18 be able’ by “is not required”.]
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- 19 [Editor: Use an `enum` list instead of an `itemize` list. 491:26-492:10
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- 20 [Editor: Use an `enum` list instead of an `itemize` list.] 492:19-23
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- 21 [Editor: Insert “is pointer” before “associated”.] 492:29
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- 22 [Editor: Insert “has the SAVE attribute or” after first “that”.] 492:41
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- 23 [Editor: Insert a space after the second “unit”.] 493:34
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- 24 [Editor: Use math font “*n*” instead of “N” twice.] 494:4
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- 25 [Editor: Insert “if C character kind is not the same as default character kind” before “a nonpointer”.] 494:10
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- 26 [Editor: Insert “(3) or” before “(5)”.] 494:16
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- 27 [Editor: In the third and fourth lines of Note 16.14 use upper case for “x”.] 494:Note 16.14
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- 28 [Editor: Insert “where *size of* measures the number of storage units” after “ $s_2$ ”.] 495:4
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- 29 [Editor: Exchange “the host” and “contained”.] 497:11-12
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- 30 [Editor: Replace “associating entity has” by “entities have”, replace “its” by “the”, insert “of the 497:21  
 31 associating entity” after “status”.]
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- 32 [Editor: Use an `enum` list instead of an `itemize` list, including in the following item to be inserted at 497:21-34  
 33 the end of the list.]
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- 34 • If the associating entity is a pointer dummy argument and the pre-existing entity is a nonpointer  
 35 actual argument the associating entity becomes pointer associated with the pre-existing entity and,  
 36 if the entities are arrays, the bounds of the associating entity become the same as those of the

37	pre-existing entity.	
38	[The first sentence has no exceptions, and the “However” in the second sentence doesn’t entirely undo	501:6-7,14
39	the damage. Editor: “When” by “With the exceptions noted immediately below, when”. Then delete	
40	“However,” and make each remaining sentence in the paragraph a separate item in an enumerated (not	
41	itemized) sublist.]	
42	[Editor: Insert an item in the list:]	501:27+
43	(4 $\frac{1}{2}$ ) When an error condition occurs during execution of an output statement in which the unit	
44	is an internal file, the internal file becomes undefined.	
45	[Editor: Delete because the entity identified by the <i>index-name</i> does not exist outside the construct.]	502:21-22
46	[Editor: Insert an item in the list:]	502:34+
47	(19 $\frac{1}{2}$ ) When a pointer is deallocated, any variable of type C_PTR becomes undefined if its value	
48	is the C address of any part of the target that is deallocated.	
49	[May interact with (be mooted by) 07-161.]	
50	[Editor: Use an <code>enum</code> list instead of an <code>itemize</code> list.]	503:8-24
51	[Editor: Use an <code>enum</code> list instead of an <code>itemize</code> list.]	503:29-504:2
52	[Editor: Move the paragraph to [503:24+].]	504:3-5
53	<b>2 Questions without answers</b>	
54	Why is this paragraph different from [337:3-4]? Can we use or refer to 16.4 in 12.6.4.2?	487:16-18
55	Should we add this, instead of “derived-type definition or” at [489:3-4]?	488:40+
56	(15 $\frac{1}{2}$ ) a <i>type-name</i> in a <i>derived-type-stmt</i> ,	
57	The other descriptions of association specify the duration of the association, but the duration of host	489:19-22
58	association is not specified, at least not in 16.5.1.4. Should the duration of host association be specified	
59	here?	
60	What if there is no nonzero size successor?	495:5-10
61	Do we need to explain what happens to co-bounds here?	497:30+
62	Does anybody know what this means?	502:19-20
63	What is the point of this, since the <i>index-names</i> have construct or statement scope?	502:21-22